

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063075.D
 Acq On : 21 Aug 2020 12:54
 Operator : JC/MD
 Sample : VN0821WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0821WBS01

Manual Integrations
 APPROVED

sam
 8/24/2020 5:52:12 PM

Quant Time: Aug 22 01:13:02 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	31049	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	160948	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	154201	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	66803	30.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.23%
60) 4-Bromofluorobenzene	12.38	95	72540	29.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.23%
63) Toluene-d8	10.06	98	213751	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	46026	20.733	ug/l 99
3) Chloromethane	2.04	50	49689	20.228	ug/l 100
4) Vinyl Chloride	2.16	62	50562	20.447	ug/l 98
5) Bromomethane	2.53	94	30419	19.956	ug/l 94
6) Chloroethane	2.67	64	30339	20.759	ug/l 100
7) Trichlorofluoromethane	2.98	101	60268	20.210	ug/l 95
8) Diethyl Ether	3.37	74	18864	19.020	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	31545	19.564	ug/l 99
10) 1,1-Dichloroethene	3.70	96	27511	18.987	ug/l 98
11) Methyl Iodide	3.91	142	37582	18.905	ug/l 98
12) Methyl Acetate	4.28	43	38807	20.094	ug/l 99
13) Acrolein	3.57	56	17025	86.011	ug/l 97
14) Acrylonitrile	4.93	53	82087	97.068	ug/l 98
15) Acetone	3.78	58	23841	97.410	ug/l 98
16) Carbon Disulfide	4.01	76	71234	18.314	ug/l 100
17) Allyl chloride	4.27	41	50746	19.087	ug/l 95
18) Methylene Chloride	4.50	84	38136	18.812	ug/l 98
19) trans-1,2-Dichloroethene	4.99	96	30931	19.414	ug/l 90
20) Diisopropyl ether	5.90	45	124941	20.065	ug/l 96
21) 1,1-Dichloroethane	5.80	63	67548	19.766	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	38569	19.534	ug/l 99
23) tert-Butyl Alcohol	4.73	59	24119	87.057	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	102065	19.202	ug/l 100
25) Chloroform	7.33	83	68072	20.001	ug/l 99
26) Cyclohexane	7.61	56	54773	18.618	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	44435	19.011	ug/l 99
30) 2-Butanone	6.79	43	102736	94.303	ug/l 99
31) 2,2-Dichloropropane	6.77	77	54961	19.345	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	55573	19.741	ug/l 100
33) Carbon Tetrachloride	7.73	117	46847	19.542	ug/l 99
34) Benzene	8.00	78	145171	19.381	ug/l 98
35) Methacrylonitrile	7.12	41	18582	17.946	ug/l 96
36) 1,2-Dichloroethane	8.09	62	49627	19.420	ug/l 100
37) Trichloroethene	8.80	130	35392	19.294	ug/l 98
38) Methylcyclohexane	9.05	83	53243	18.161	ug/l 100
39) 1,2-Dichloropropane	9.09	63	43031	19.739	ug/l 99
40) Dibromomethane	9.18	93	24640	19.468	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	54148	19.305	ug/l	99
42) Vinyl Acetate	5.84	43	379220	91.888	ug/l	100
43) Ethyl Acetate	6.89	43	40114	19.291	ug/l	99
44) Isopropyl Acetate	8.12	43	66826	19.144	ug/l	99
45) 1,4-Dioxane	9.17	88	11139	340.705	ug/l	98
46) Methyl methacrylate	9.17	41	31329	18.229	ug/l	98
47) n-amyl Acetate	12.05	43	54042	17.443	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	56366	19.028	ug/l	97
49) cis-1,3-Dichloropropene	9.81	75	62430	19.362	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	37769	19.354	ug/l	99
51) Ethyl methacrylate	10.40	69	49689	18.715	ug/l	99
52) 1,3-Dichloropropane	10.68	76	62797	19.477	ug/l	98
53) Dibromochloromethane	10.87	129	41655	19.451	ug/l	100
54) 1,2-Dibromoethane	10.98	107	36320	19.401	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	51685	94.770	ug/l	99
56) Bromoform	12.10	173	29727	18.956	ug/l	96
58) 4-Methyl-2-Pentanone	9.95	43	215545	97.169	ug/l	100
59) 2-Hexanone	10.72	43	146506	92.585	ug/l	99
61) Tetrachloroethene	10.60	164	32634	19.305	ug/l	98
62) Toluene	10.12	91	157321	19.250	ug/l	99
64) Chlorobenzene	11.40	112	97962	19.372	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	39033	19.475	ug/l	99
66) Ethyl Benzene	11.48	91	164221	18.434	ug/l	98
67) m/p-Xylenes	11.60	106	125042	37.468	ug/l	99
68) o-Xylene	11.92	106	59675	18.615	ug/l	100
69) Styrene	11.94	104	105632	18.862	ug/l	99
70) Isopropylbenzene	12.22	105	164907	18.909	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	53504	19.131	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	44022m	17.740	ug/l	
73) Bromobenzene	12.50	156	44474	18.911	ug/l	99
74) n-propylbenzene	12.57	91	194950	18.636	ug/l	100
75) 2-Chlorotoluene	12.65	91	117655	18.870	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	139457	18.738	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	15651	17.845	ug/l	97
78) 4-Chlorotoluene	12.75	91	119780	18.633	ug/l	100
79) tert-butylbenzene	12.97	119	115172	18.392	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	130412	18.001	ug/l	100
81) sec-Butylbenzene	13.15	105	158918	18.423	ug/l	100
82) p-Isopropyltoluene	13.26	119	136142	17.803	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	75504	18.388	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	73878	18.408	ug/l	99
85) n-Butylbenzene	13.59	91	102538	16.135	ug/l	100
86) Hexachloroethane	13.85	117	28598	18.987	ug/l	95
87) 1,2-Dichlorobenzene	13.63	146	72290	18.382	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.25	75	7951	17.924	ug/l	97
89) 1,2,4-Trichlorobenzene	14.88	180	29507	15.204	ug/l	99
90) Hexachlorobutadiene	14.98	225	25343	17.642	ug/l	98
91) Naphthalene	15.10	128	59075	13.775	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	29984	15.475	ug/l	99

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ClientSampleId :
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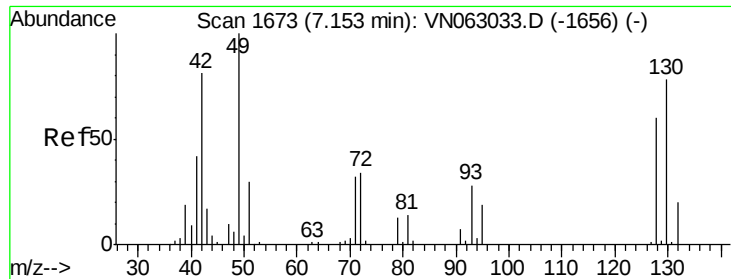
Manual Integrations
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QLast Update : Thu Aug 20 14:01:17 2020
Response via : Initial Calibration

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



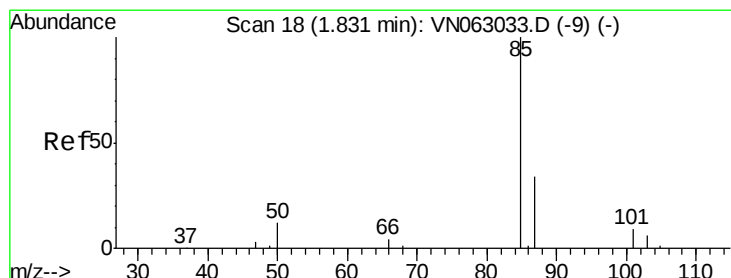
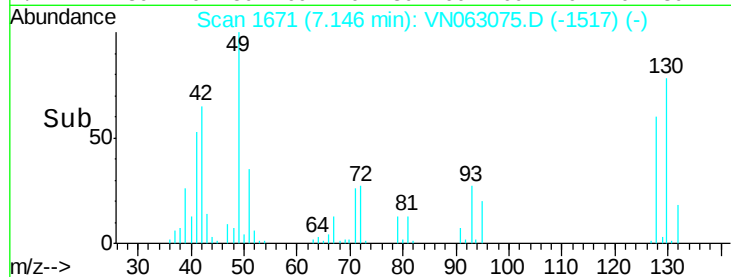
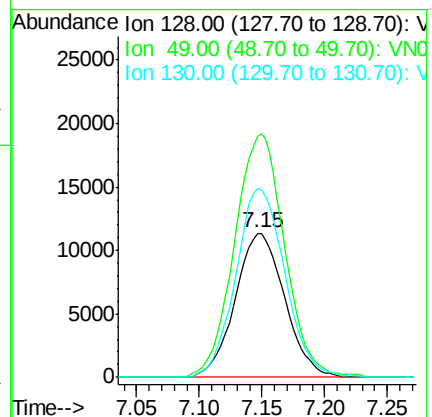
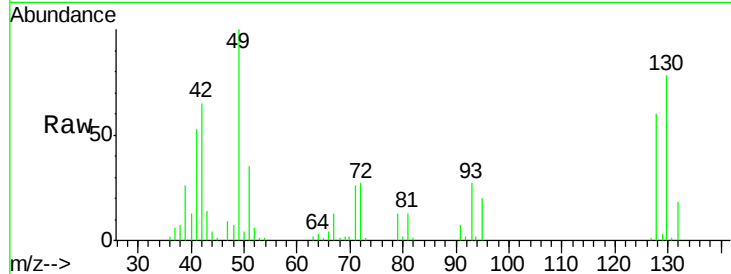
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	171.2	0.0	437.5
130	130.1	0.0	327.3

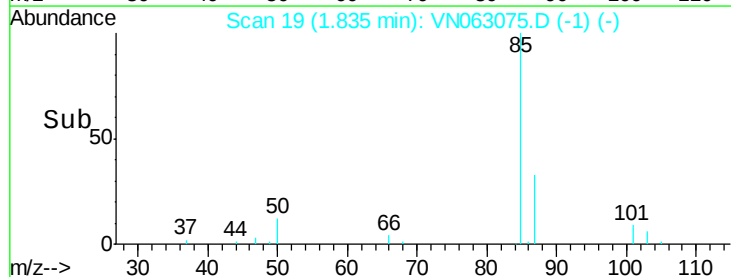
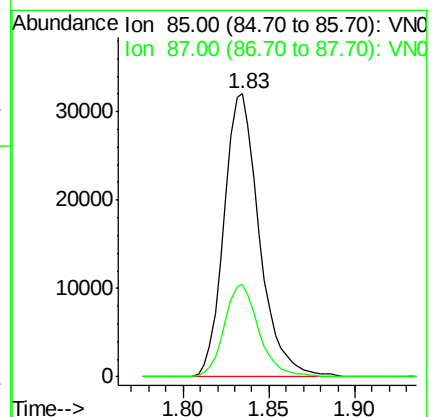
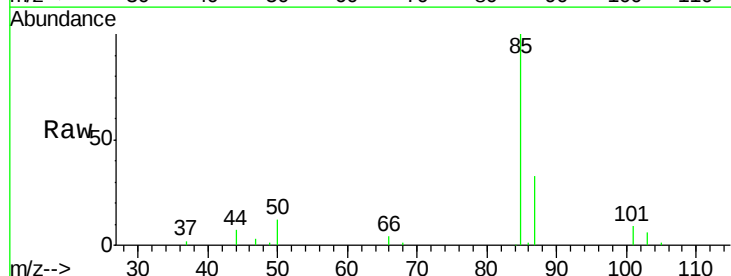
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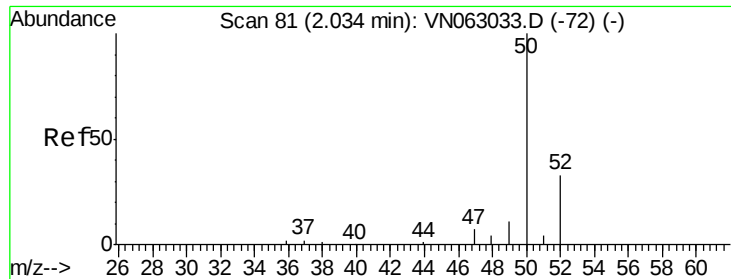
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#2
Dichlorodifluoromethane
Concen: 20.733 ug/l
RT: 1.83 min Scan# 19
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.9	50.6





#3

Chloromethane

Concen: 20.228 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS01

Tot Ion: 50 Resp: 49689

Ion Ratio Lower Upper

50 100

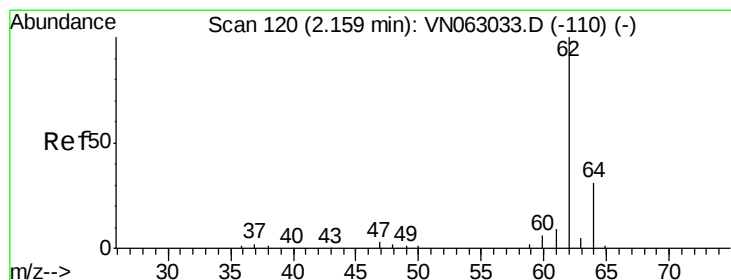
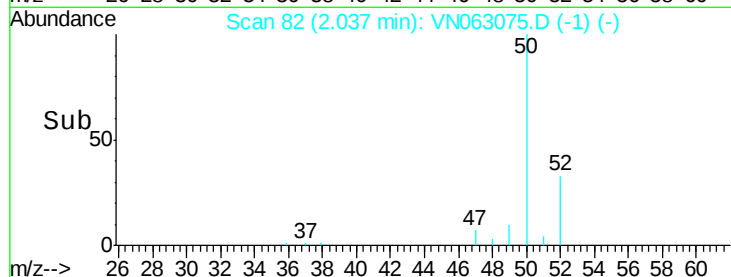
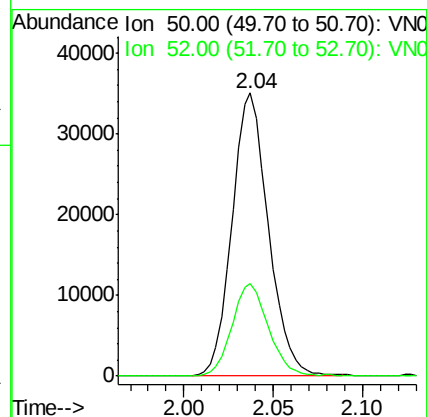
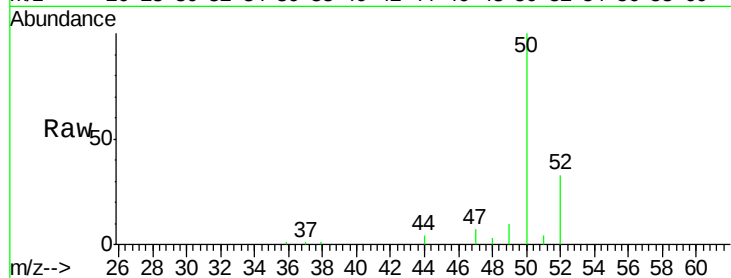
52 32.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.447 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063075.D

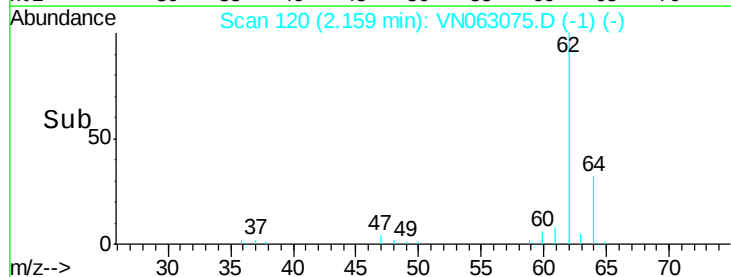
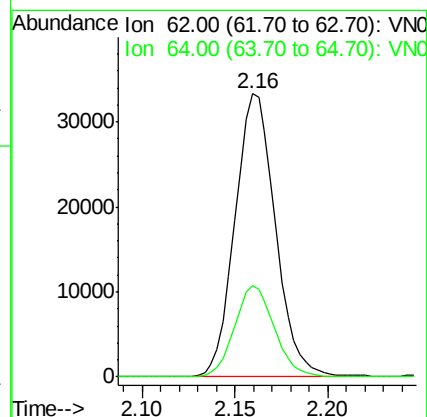
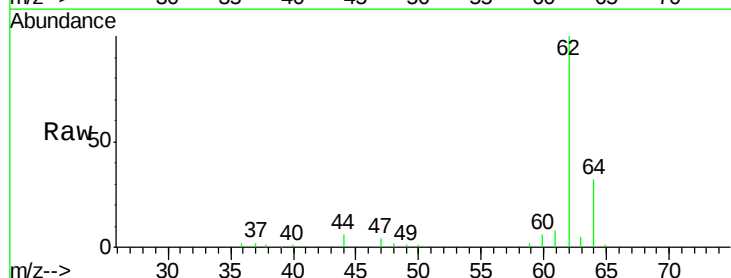
Acq: 21 Aug 2020 12:54

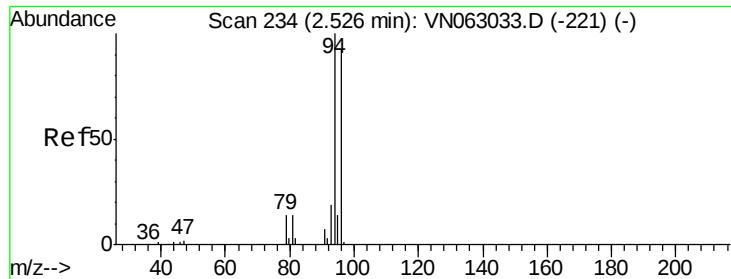
Tgt Ion: 62 Resp: 50562

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4





#5

Bromomethane

Concen: 19.956 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS01

Tot Ion: 94 Resp: 30419

Ion Ratio Lower Upper

94 100

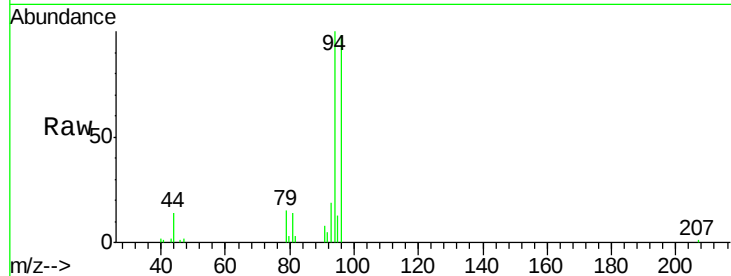
96 98.1 74.0 111.0

Manual Integrations

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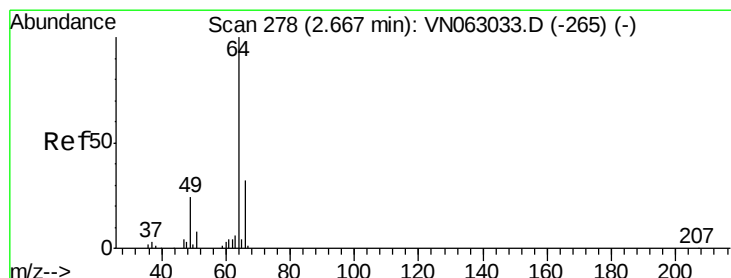
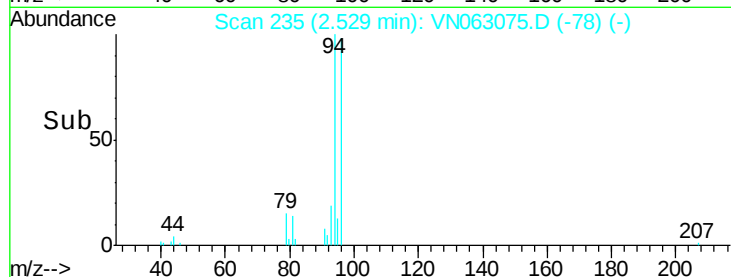
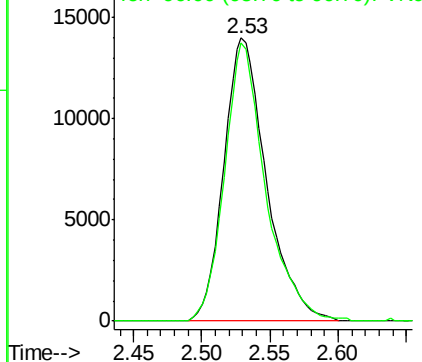
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 20.759 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN063075.D

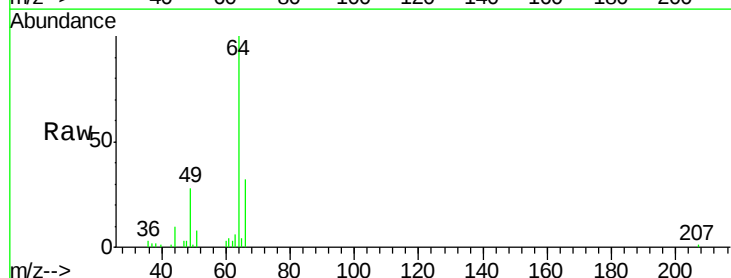
Acq: 21 Aug 2020 12:54

Tgt Ion: 64 Resp: 30339

Ion Ratio Lower Upper

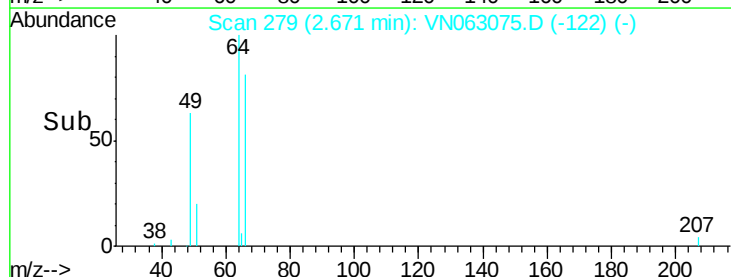
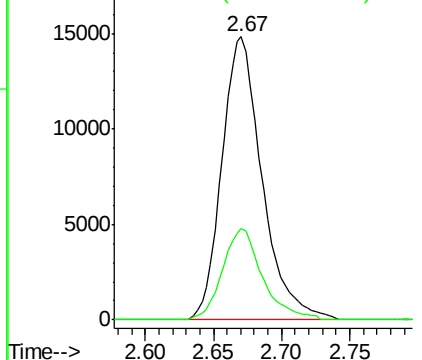
64 100

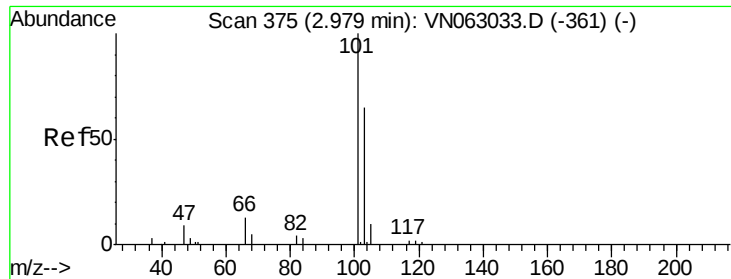
66 32.1 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

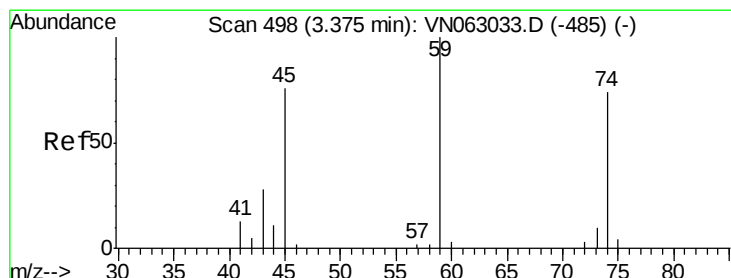
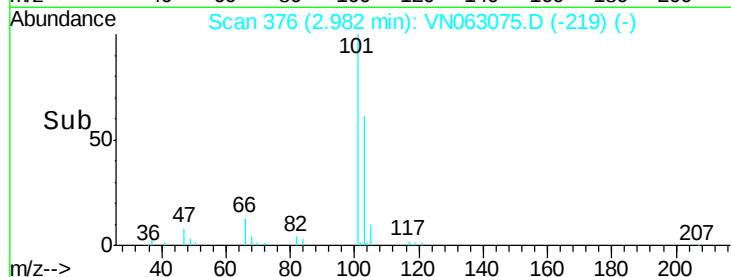
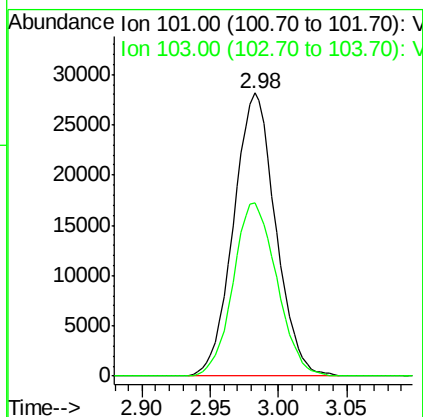
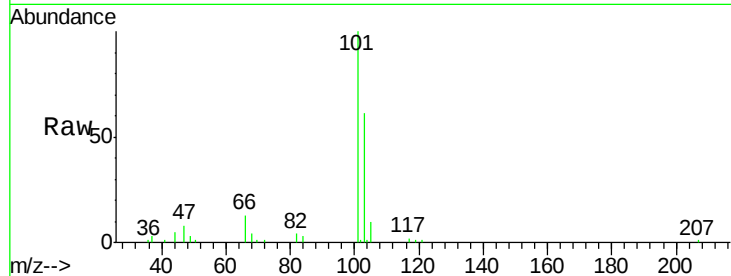
Trichlorofluoromethane
 Concen: 20.210 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
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 VN0821WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.3	51.9	77.9

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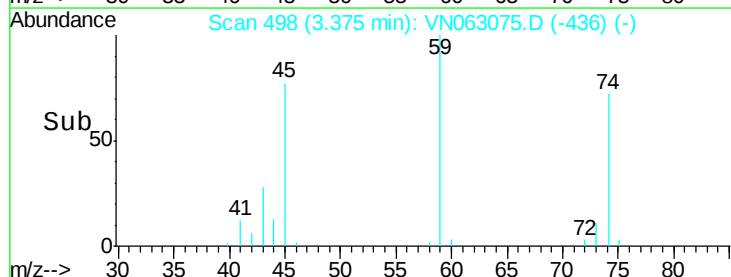
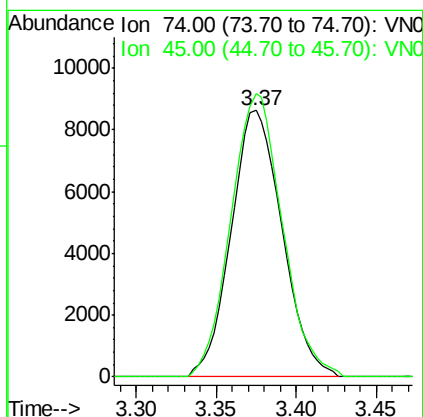
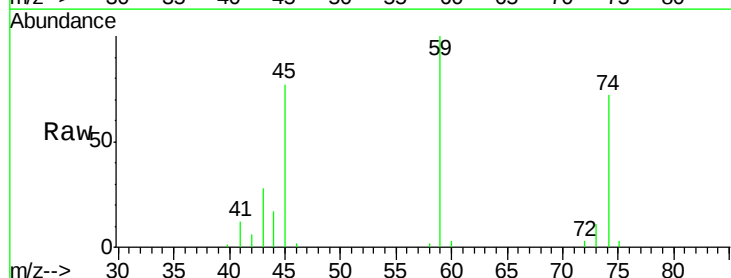
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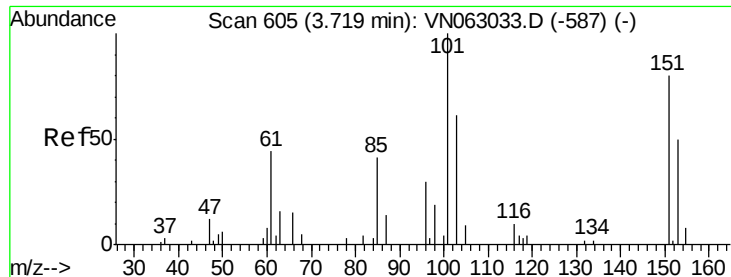


#8

Diethyl Ether
 Concen: 19.020 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.0	20.6	185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.564 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Instrument :

MSVOA_N

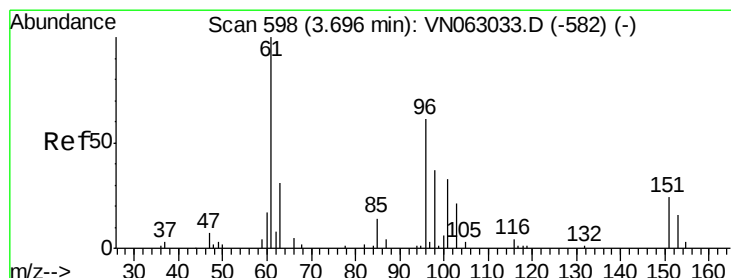
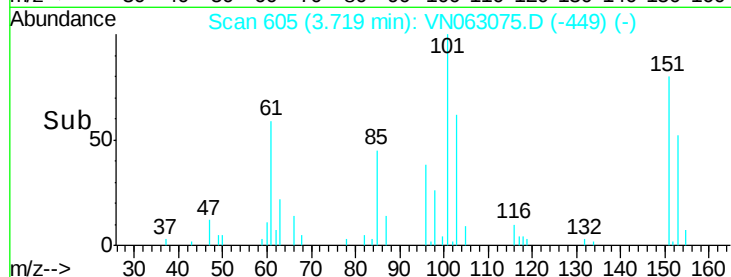
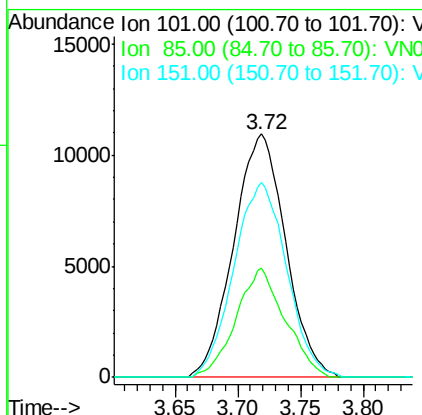
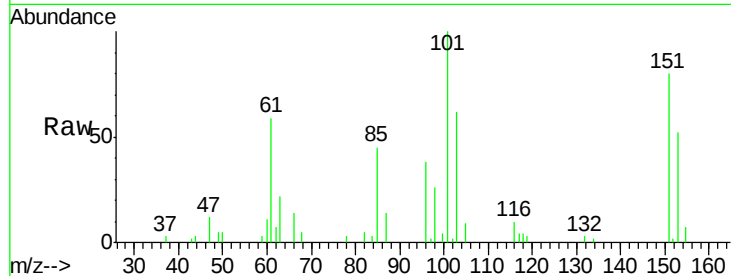
ClientSampleId :

VN0821WBS01

Tot Ion:	101	Resp:	31545
Ion Ratio	Lower	Upper	
101	100		
85	42.3	0.0	85.0
151	81.4	0.0	161.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.987 ug/l

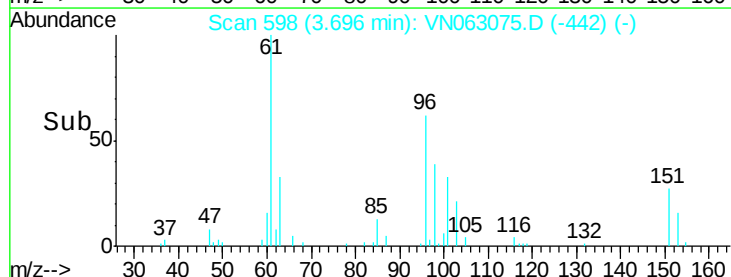
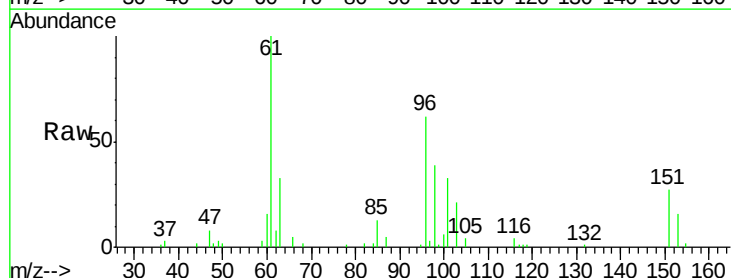
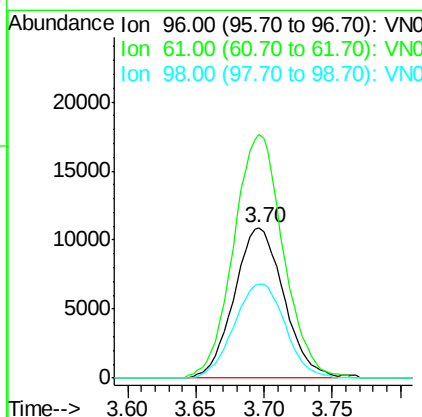
RT: 3.70 min Scan# 598

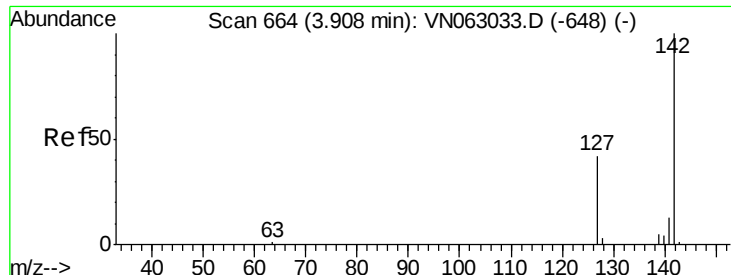
Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Tgt Ion:	96	Resp:	27511
Ion Ratio	Lower	Upper	
96	100		
61	160.0	130.8	196.2
98	62.6	49.0	73.4





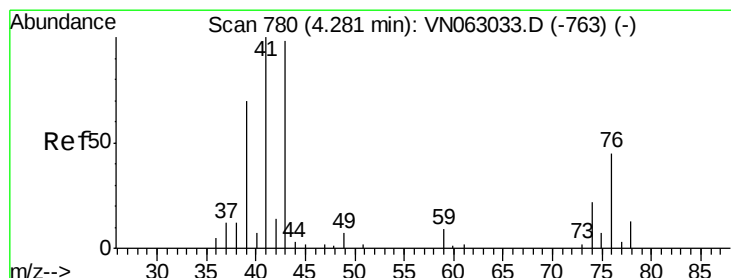
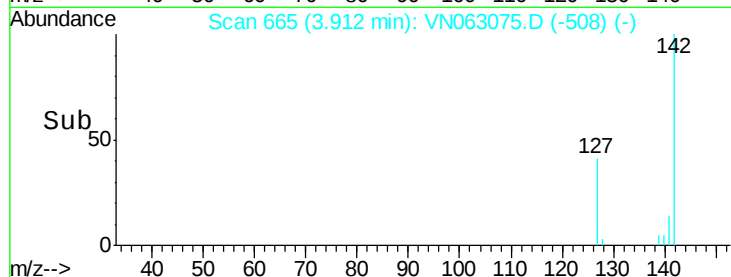
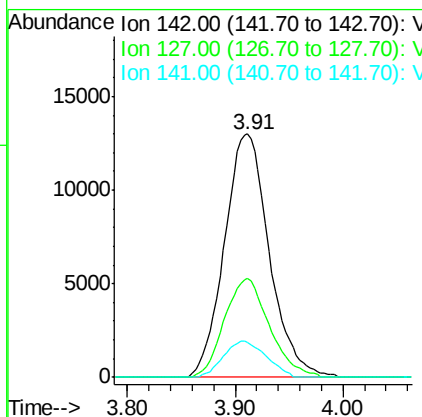
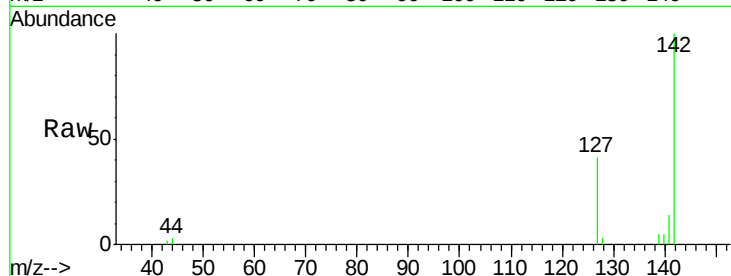
#11
Methvl Iodide
Concen: 18.905 ug/l
RT: 3.91 min Scan# 665
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.7	20.9	62.8
141	14.3	6.7	20.1

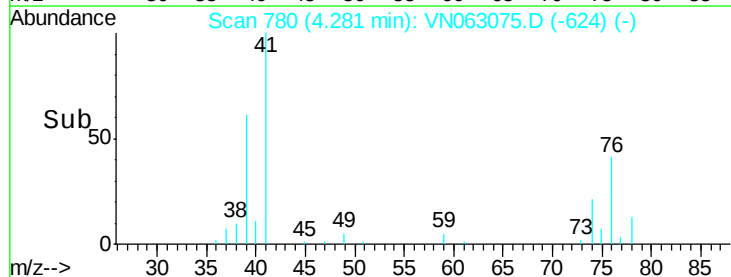
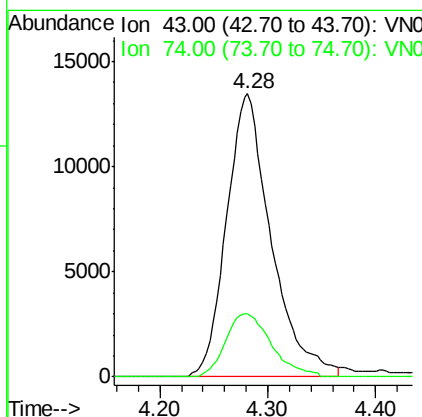
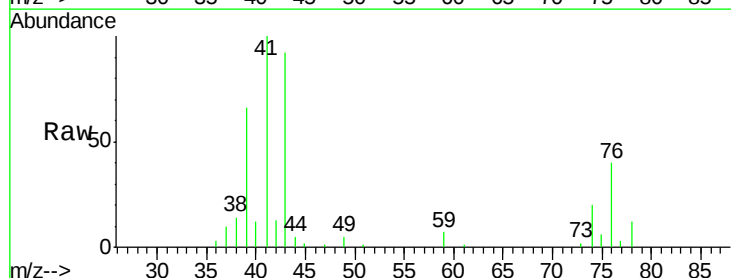
Manual Integrations
APPROVED

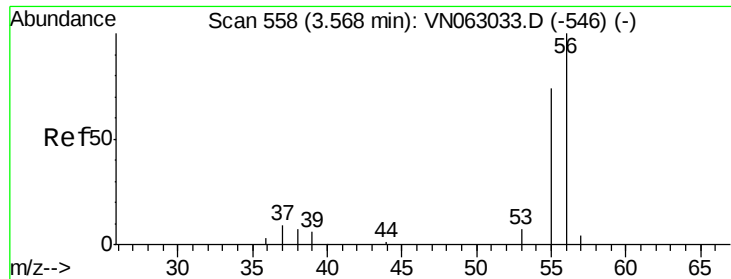
sam
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#12
Methyl Acetate
Concen: 20.094 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.6	27.8





#13

Acrolein

Concen: 86.011 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS01

Tot Ion: 56 Resp: 17025

Ion Ratio Lower Upper

56 100

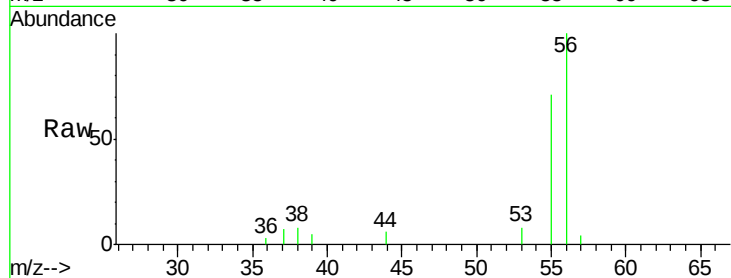
55 70.7 58.7 88.1

Manual Integrations

APPROVED

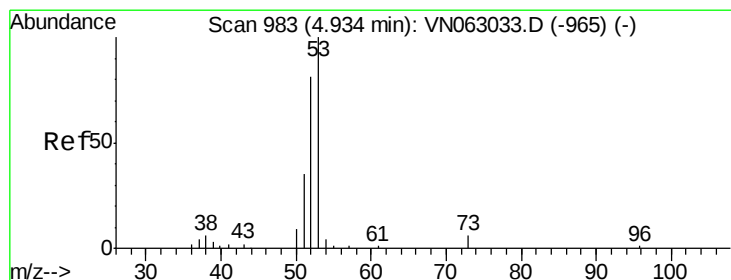
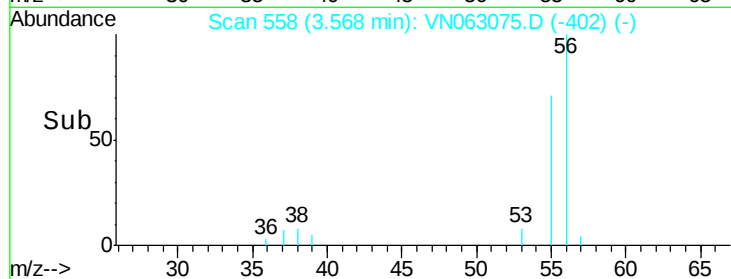
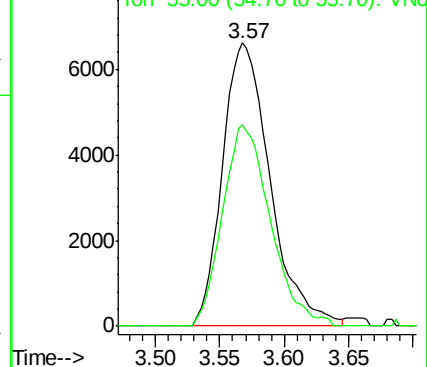
sam

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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: 97.068 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

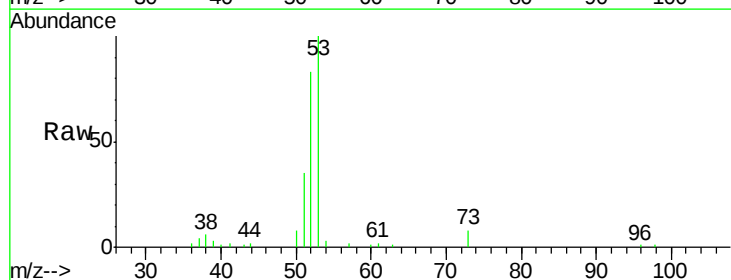
Tgt Ion: 53 Resp: 82087

Ion Ratio Lower Upper

53 100

52 81.4 39.9 119.7

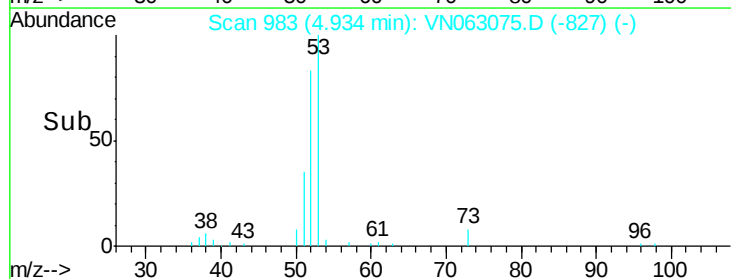
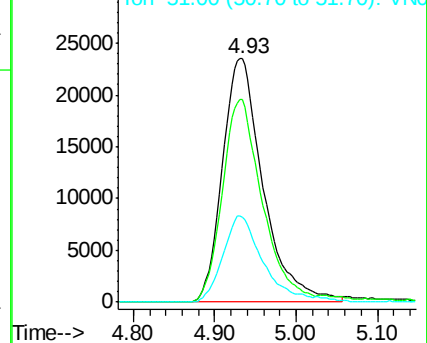
51 33.4 17.0 51.0

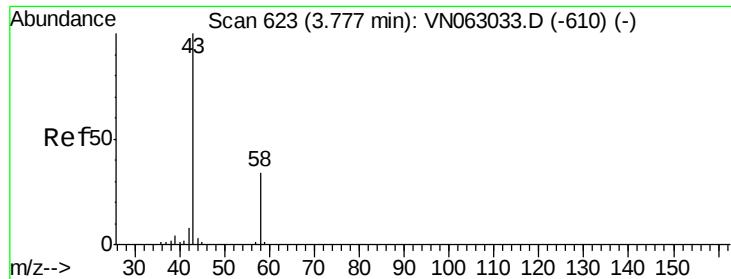


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 97.410 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS01

Tot Ion: 58 Resp: 23841

Ion Ratio Lower Upper

58 100

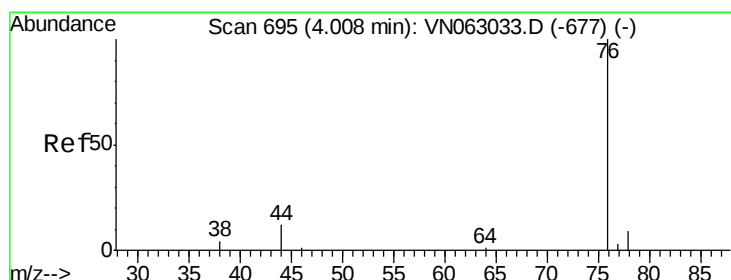
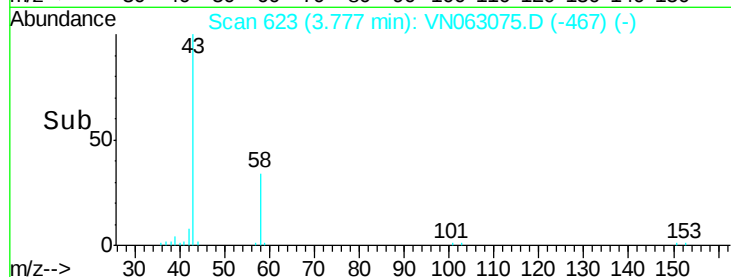
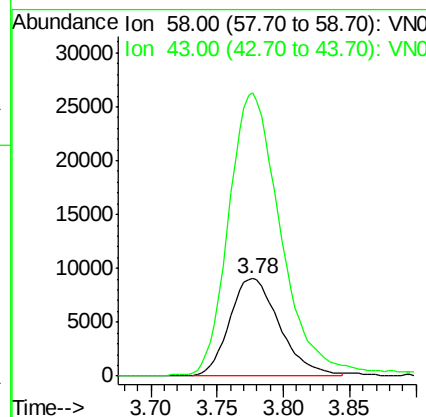
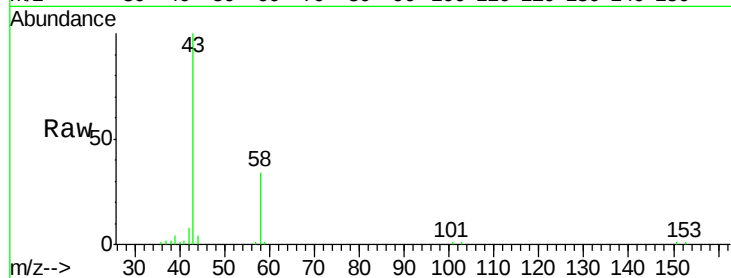
43 287.0 233.2 349.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.314 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN063075.D

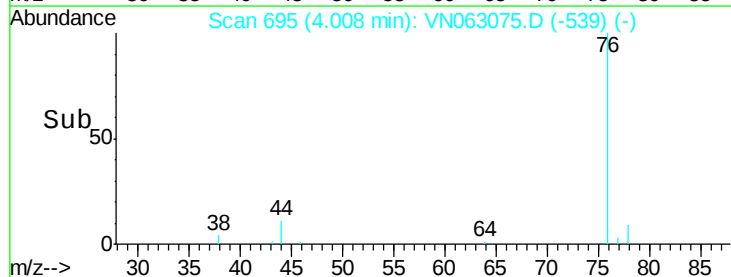
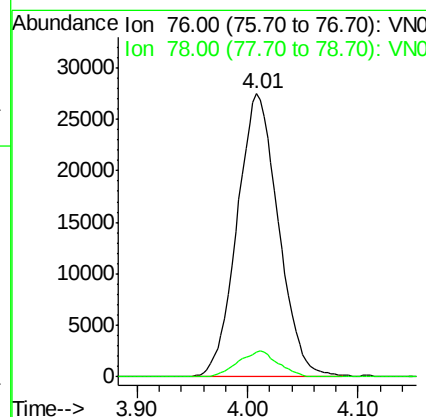
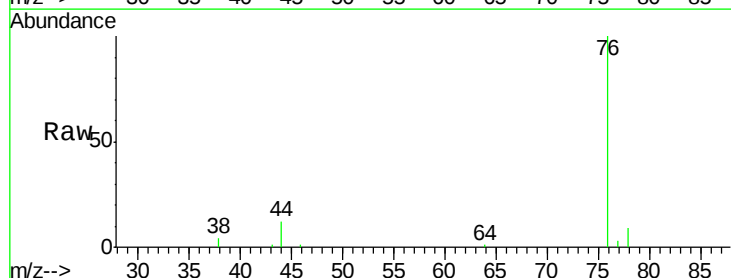
Acq: 21 Aug 2020 12:54

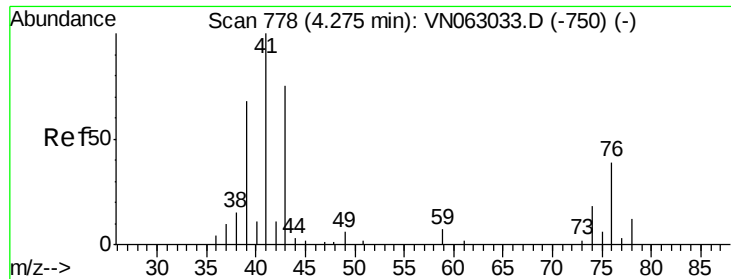
Tgt Ion: 76 Resp: 71234

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.4





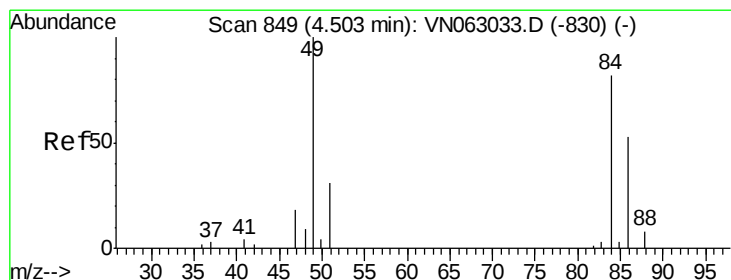
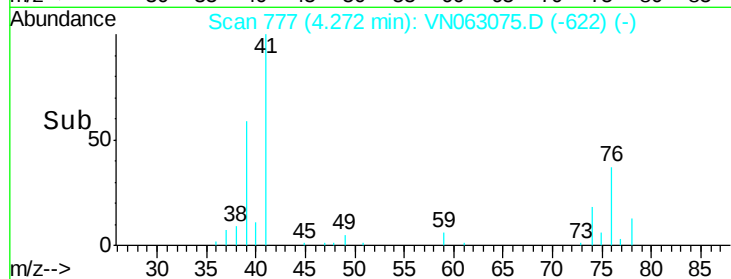
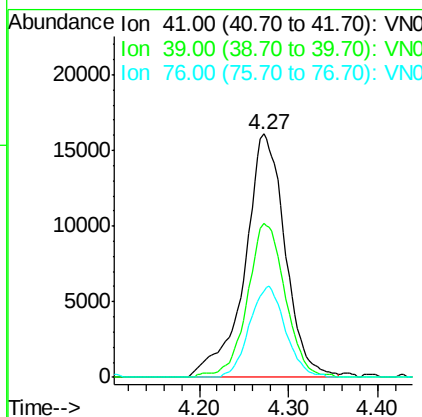
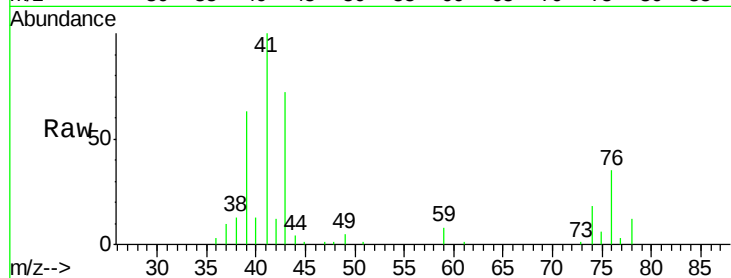
#17
Allvl chloride
Concen: 19.087 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion:	41	Resp:	50746
Ion	Ratio	Lower	Upper
41	100		
39	63.3	33.8	101.4
76	35.4	19.4	58.4

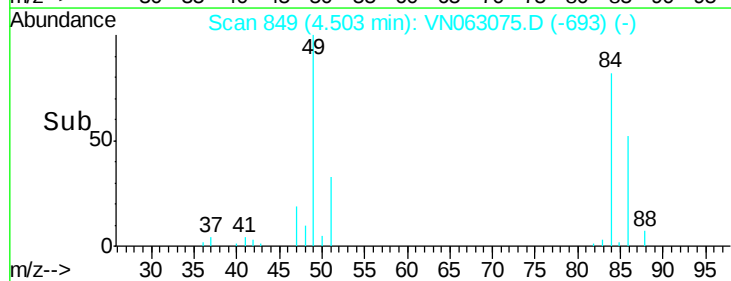
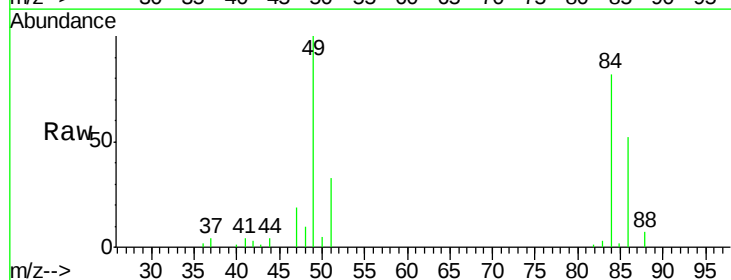
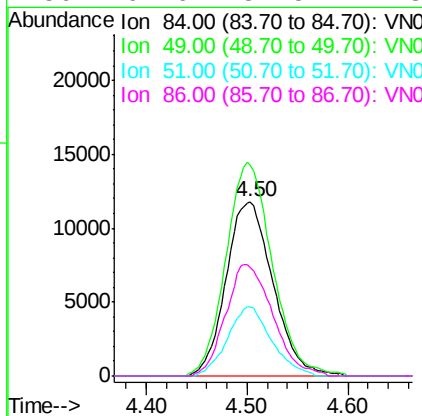
Manual Integrations
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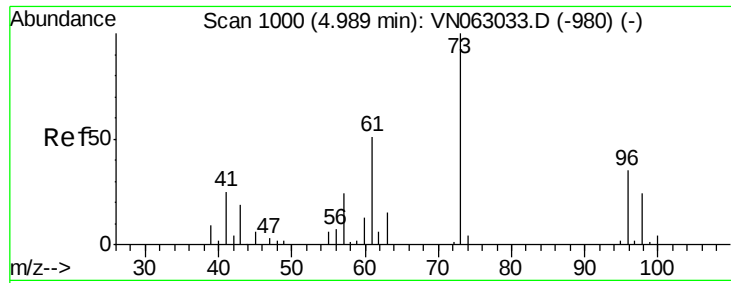
sam
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#18
Methylene Chloride
Concen: 18.812 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion:	84	Resp:	38136
Ion	Ratio	Lower	Upper
84	100		
49	119.9	97.8	146.8
51	39.7	30.7	46.1
86	62.6	51.5	77.3





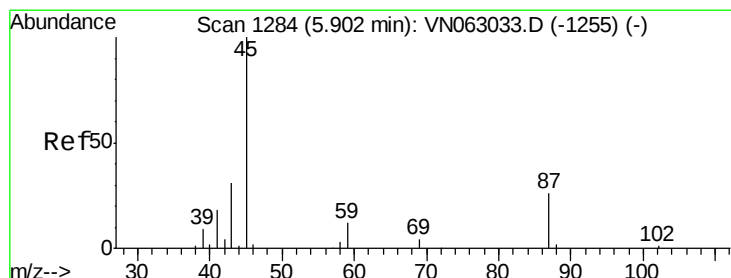
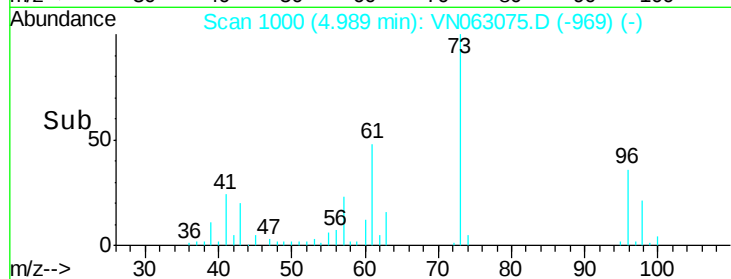
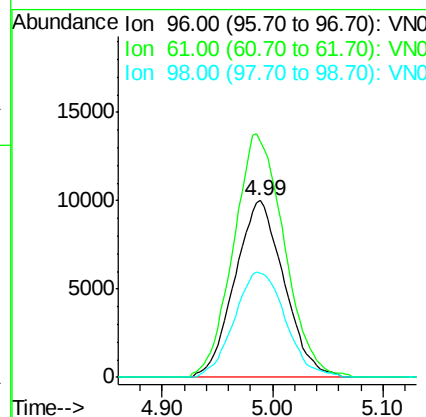
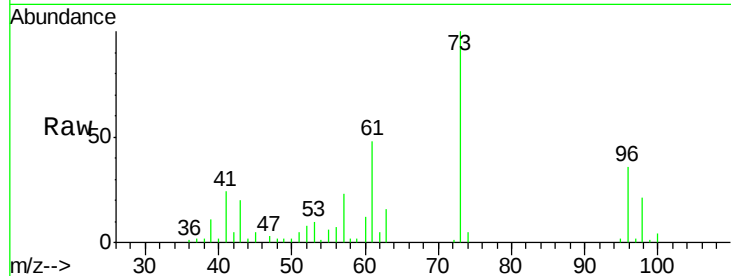
#19
trans-1,2-Dichloroethene
Concen: 19.414 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.6	115.9	173.9
98	59.0	53.3	79.9

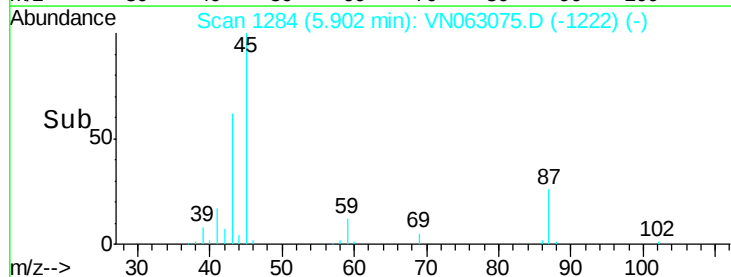
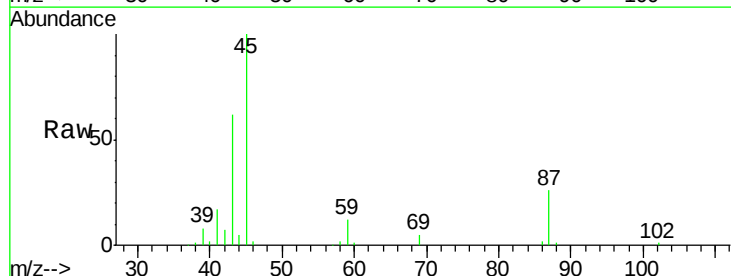
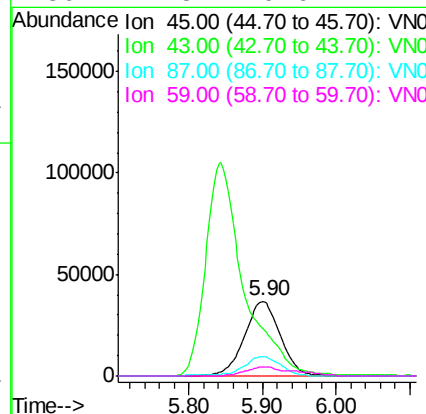
Manual Integrations
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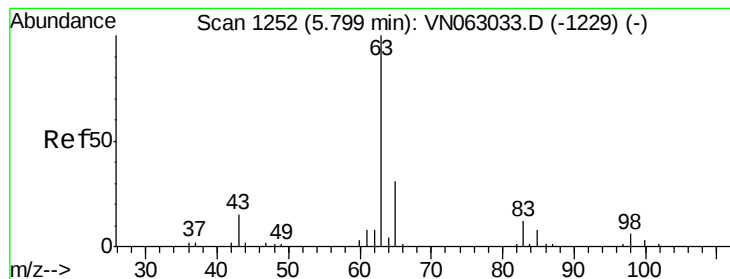
sam
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#20
Diisopropyl ether
Concen: 20.065 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.9	51.8	77.6
87	26.0	21.8	32.6
59	11.8	9.6	14.4





#21

1,1-Dichloroethane

Concen: 19.766 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Instrument :

MSVOA_N

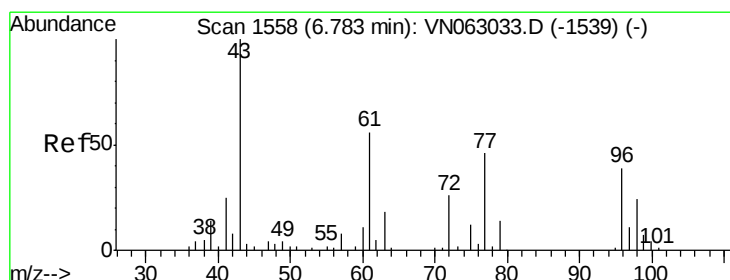
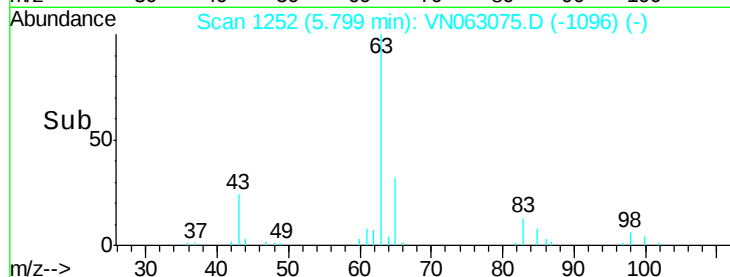
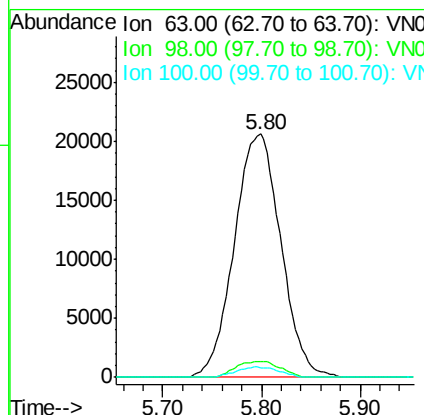
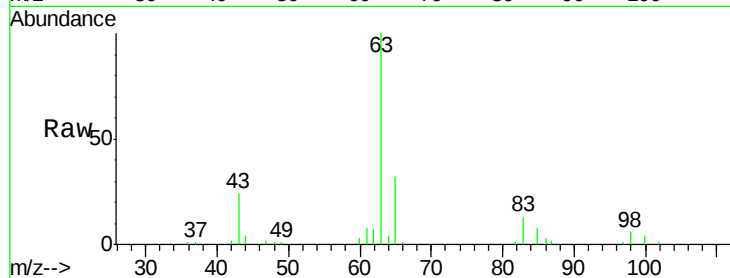
ClientSampleId :

VN0821WBS01

Tot Ion:	63	Resp:	67548
Ion Ratio	Lower	Upper	
63	100		
98	6.4	3.1	9.3
100	4.0	1.8	5.3

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.534 ug/l

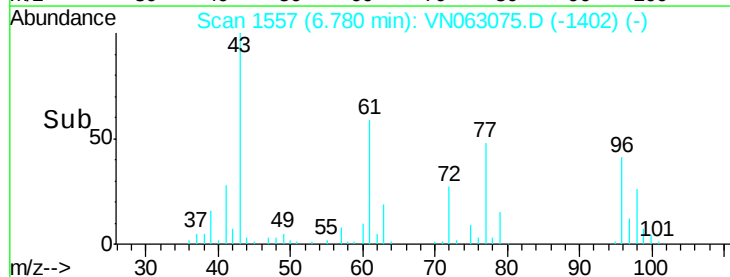
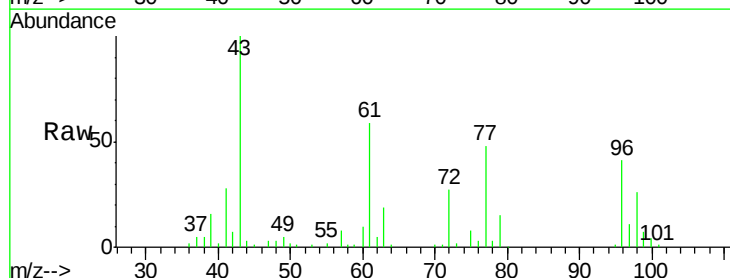
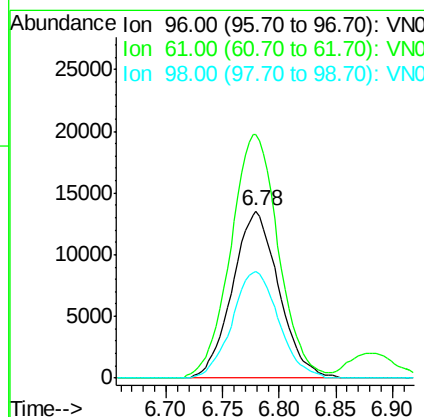
RT: 6.78 min Scan# 1557

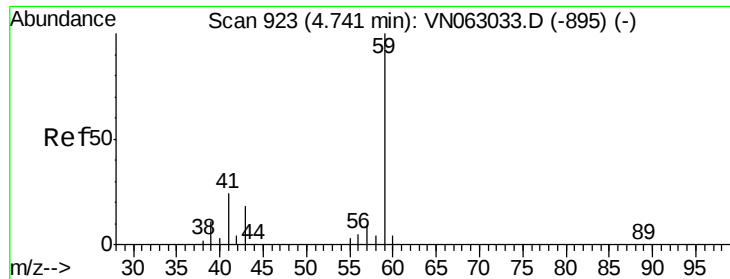
Delta R.T. -0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Tgt Ion:	96	Resp:	38569
Ion Ratio	Lower	Upper	
96	100		
61	150.2	120.9	181.3
98	64.1	50.3	75.5





#23

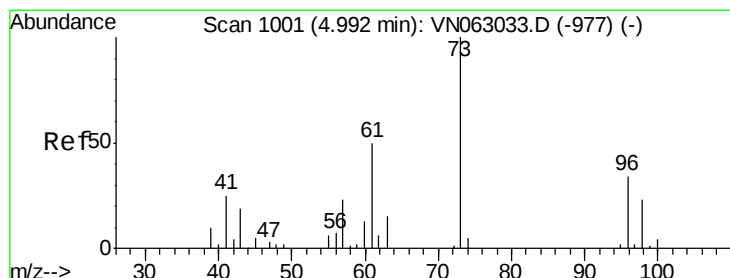
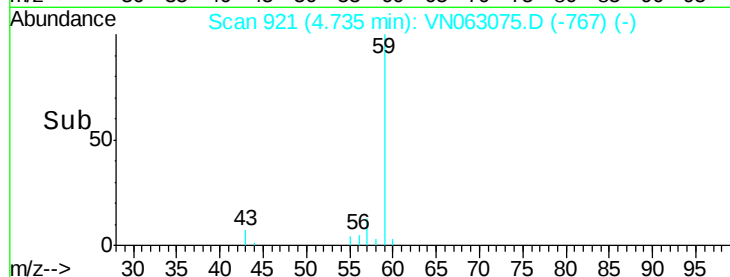
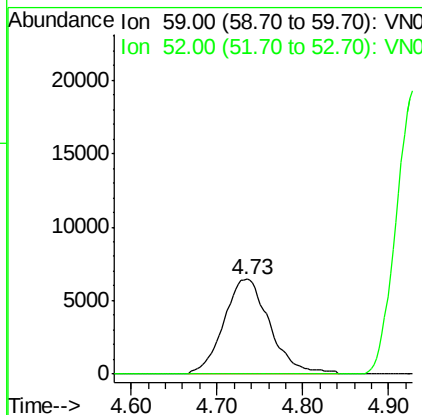
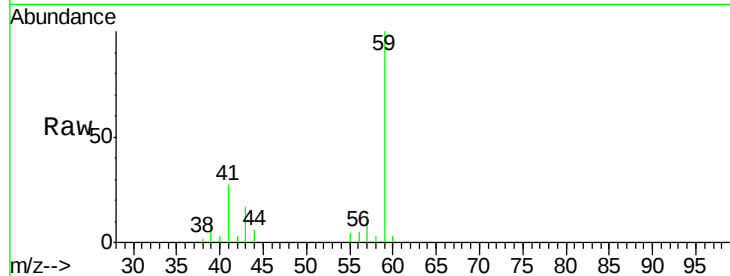
tert-Butyl Alcohol
 Concen: 87.057 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Manual Integrations
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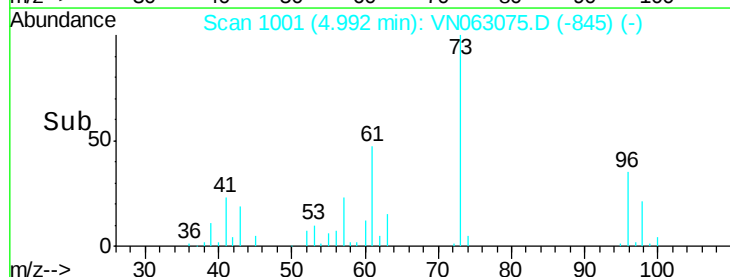
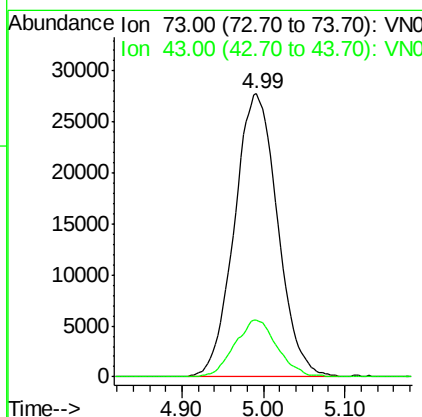
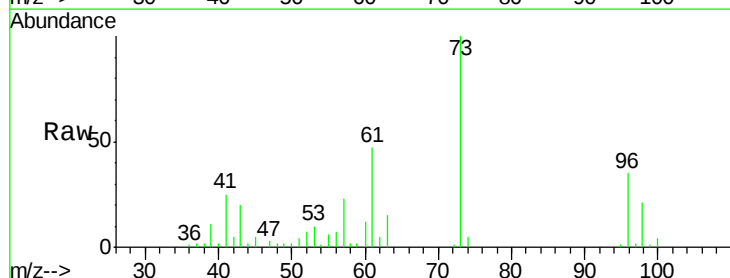
Sam
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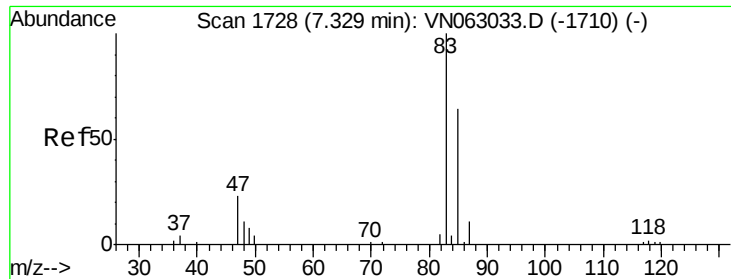


#24

Methyl tert-Butyl Ether
 Concen: 19.202 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.7	15.8	23.6





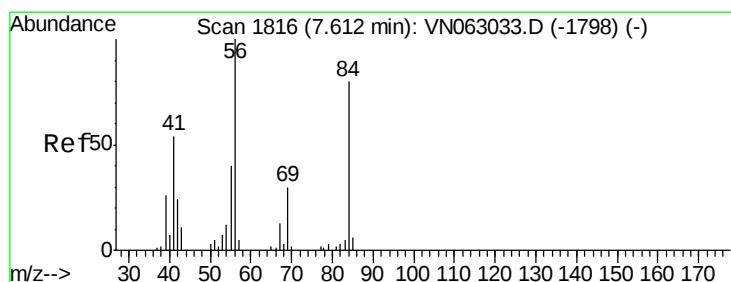
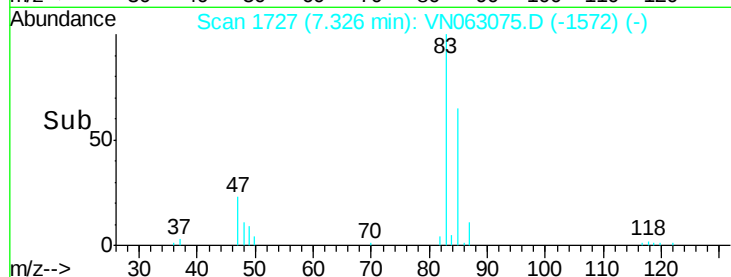
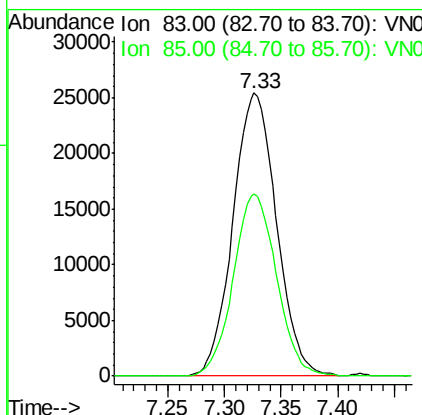
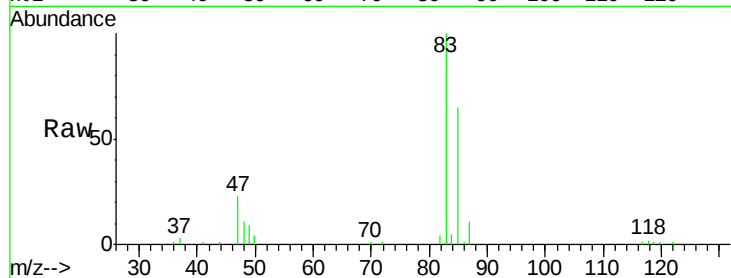
#25
Chloroform
Concen: 20.001 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	83	Resp	68072
Ion Ratio	100	Lower	Upper
85	64.5	51.0	76.4

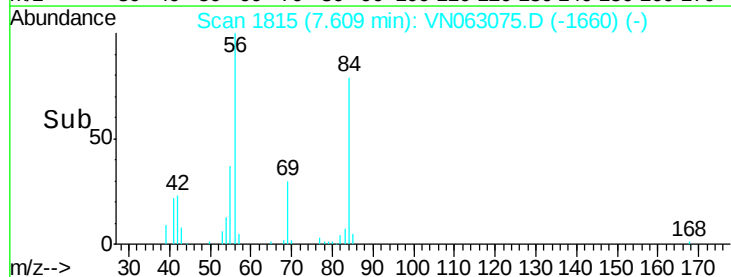
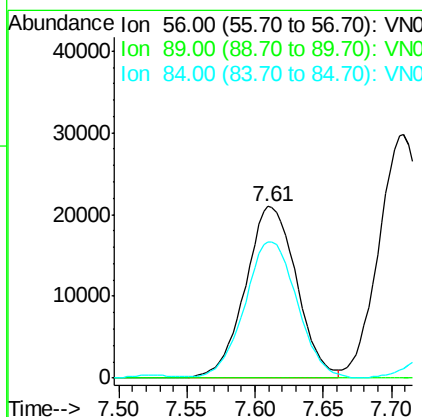
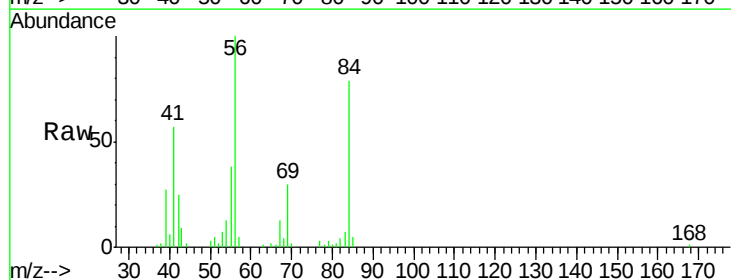
Manual Integrations
APPROVED

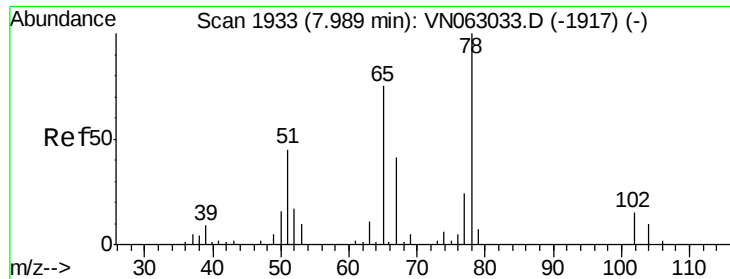
sam
8/24/2020 5:52:12 PM



#26
Cyclohexane
Concen: 18.618 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	56	Resp	54773
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	81.4	65.0	97.4





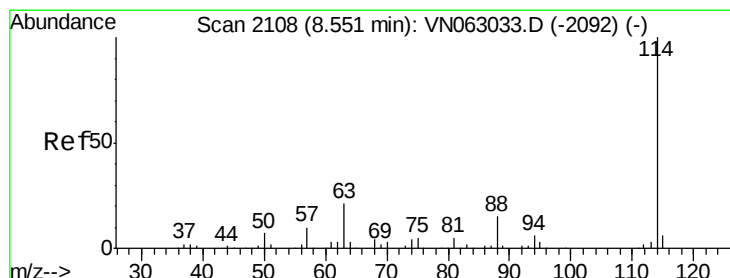
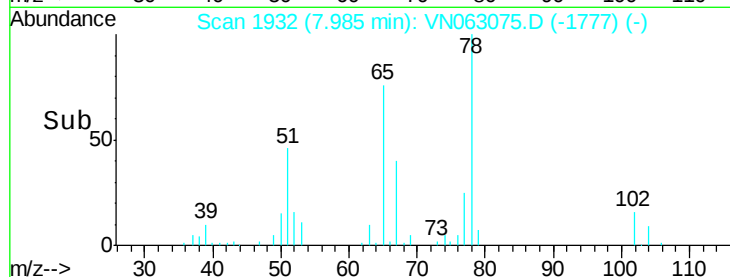
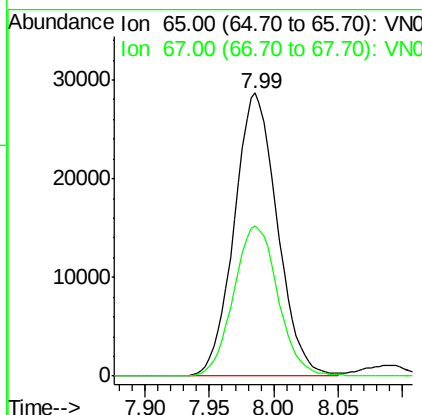
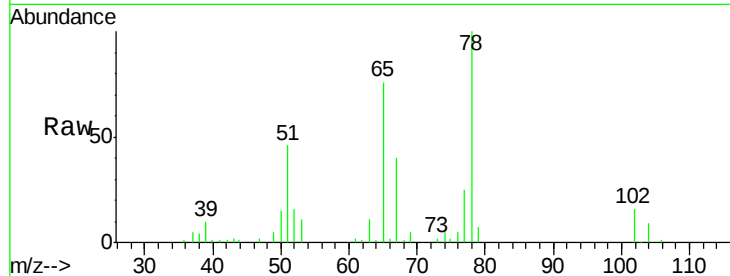
#27
 1,2-Dichloroethane-d4
 Concen: 30.366 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	66803		
67	54.5		43.8	65.6

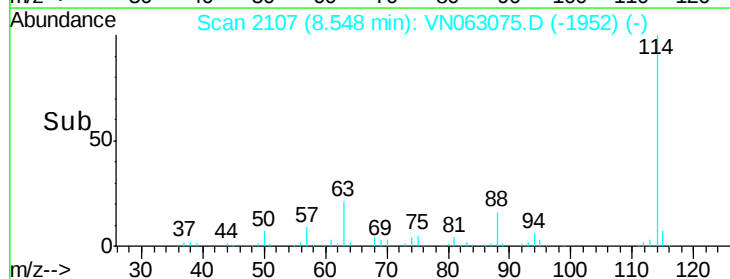
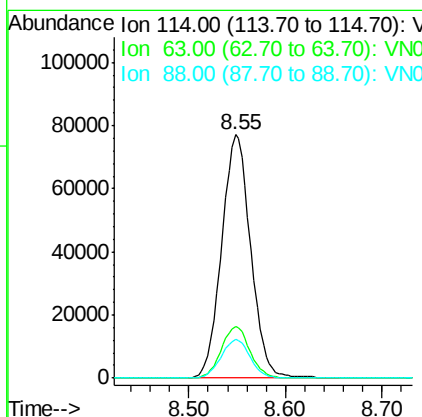
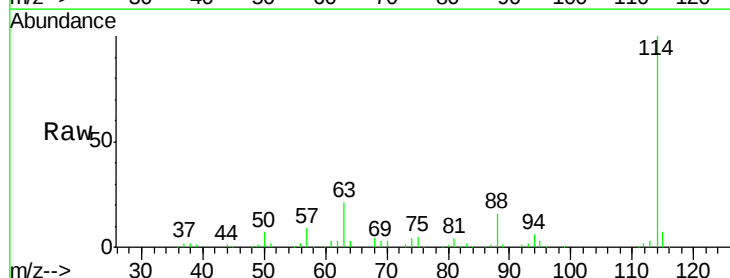
Manual Integrations
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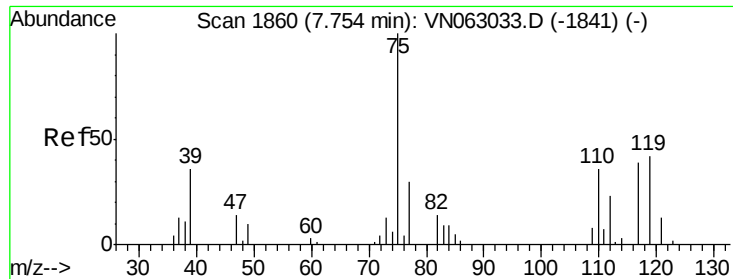
sam
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	160948		
63	21.0		17.0	25.6
88	15.6		12.6	18.8





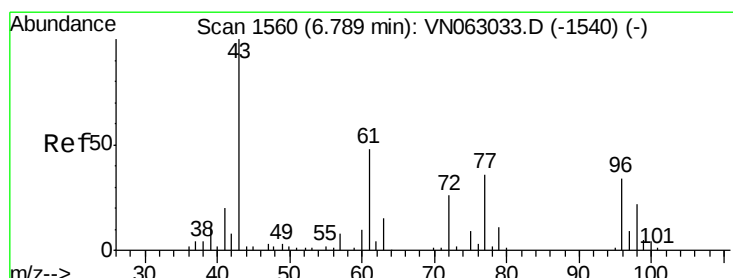
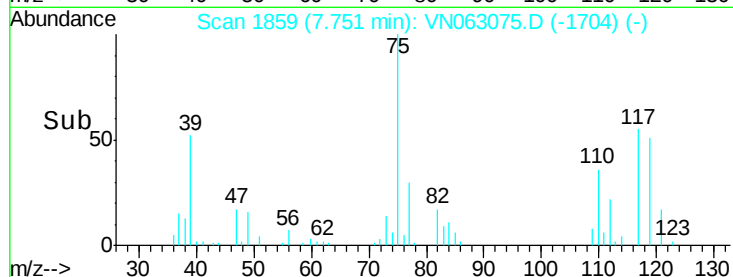
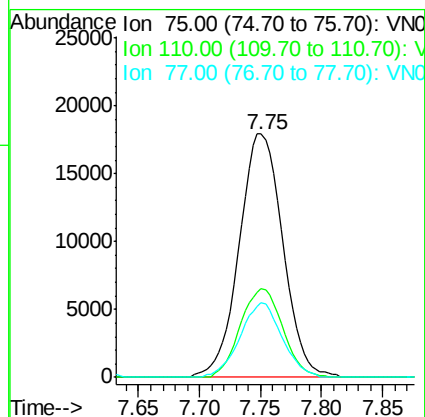
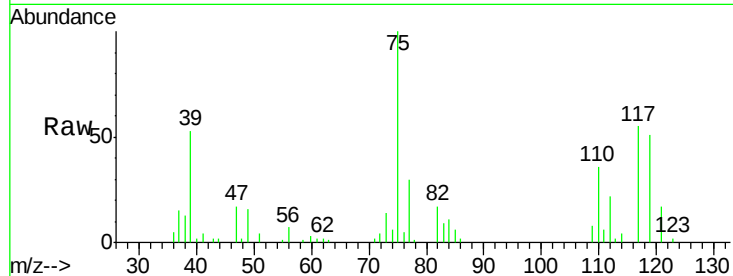
#29
 1,1-Dichloropropene
 Concen: 19.011 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.2	0.0	70.6	
77	29.4	0.0	60.2	

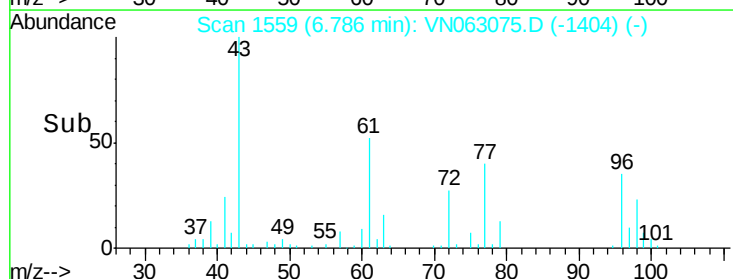
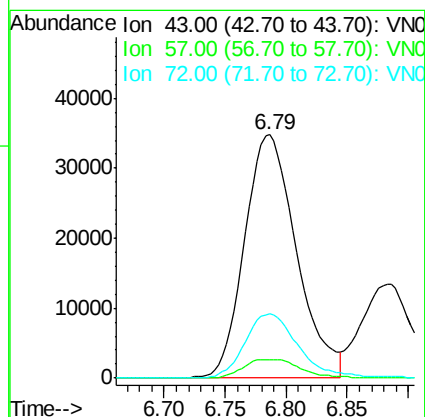
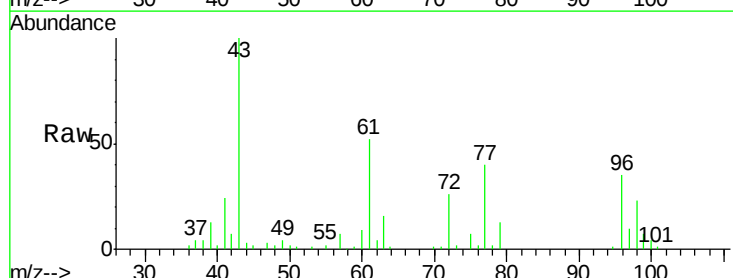
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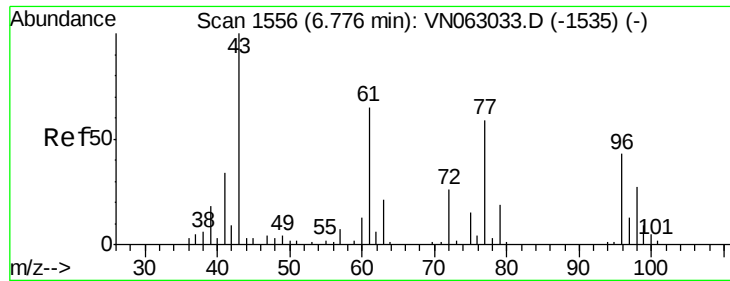
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#30
 2-Butanone
 Concen: 94.303 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	8.3	6.6	9.8	
72	27.2	21.3	31.9	





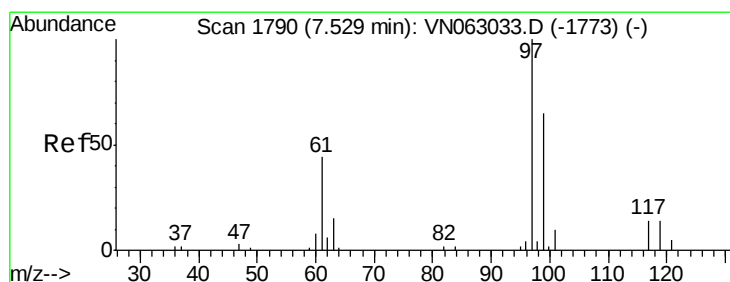
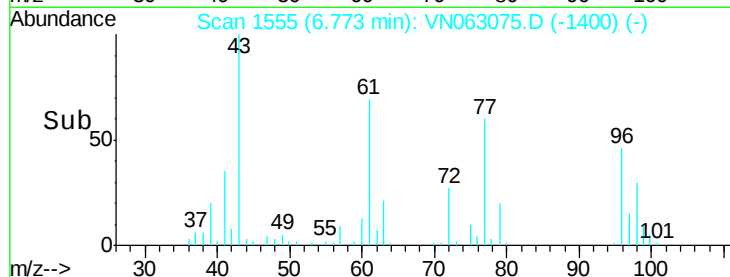
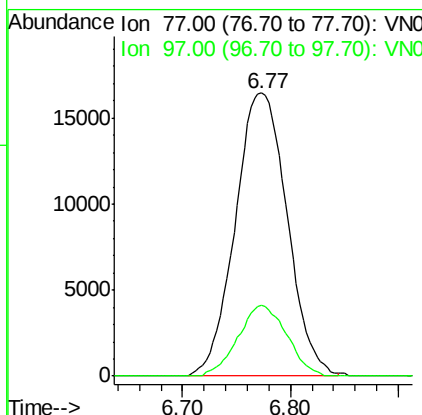
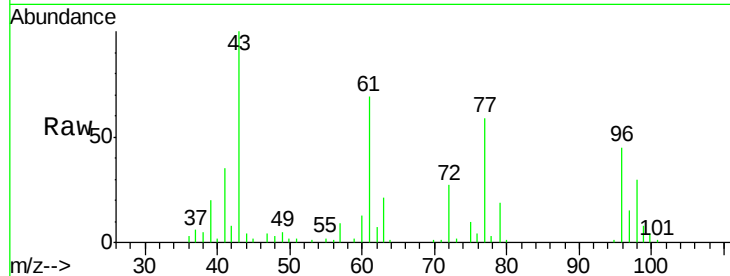
#31
 2,2-Dichloropropane
 Concen: 19.345 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion: 77 Resp: 54961
 Ion Ratio Lower Upper
 77 100
 97 23.5 18.2 27.4

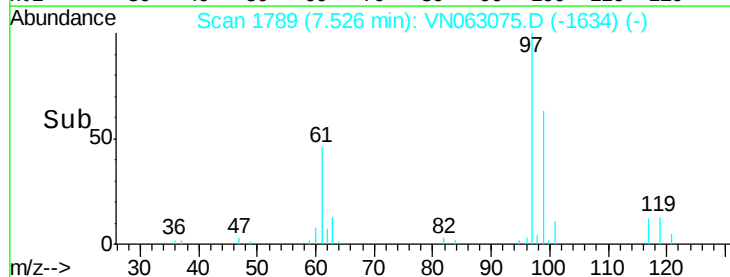
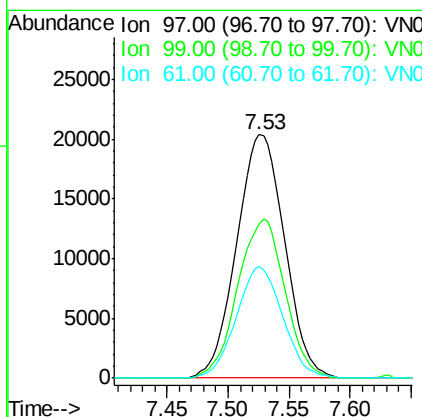
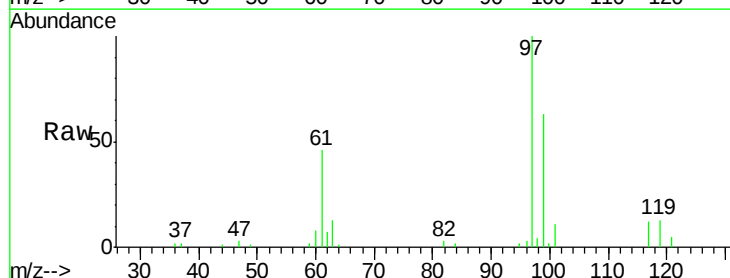
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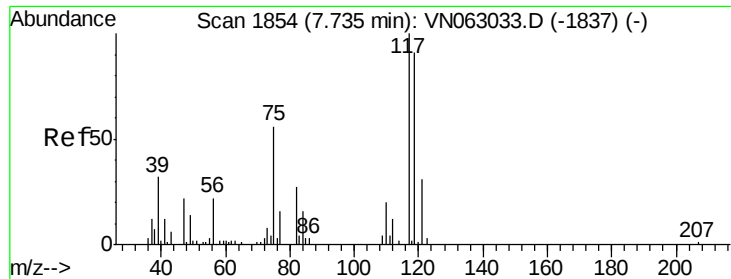
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#32
 1,1,1-Trichloroethane
 Concen: 19.741 ug/l
 RT: 7.53 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion: 97 Resp: 55573
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.7 77.5
 61 44.3 35.3 52.9





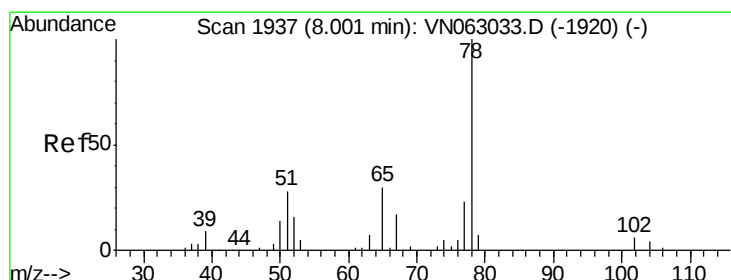
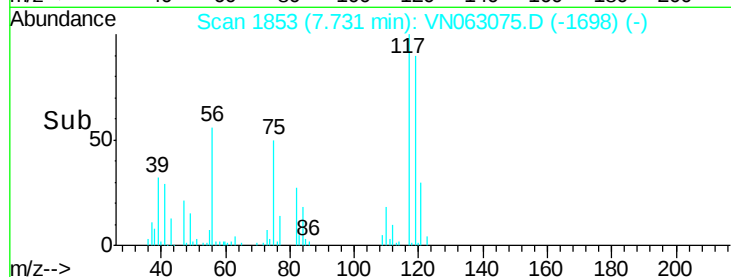
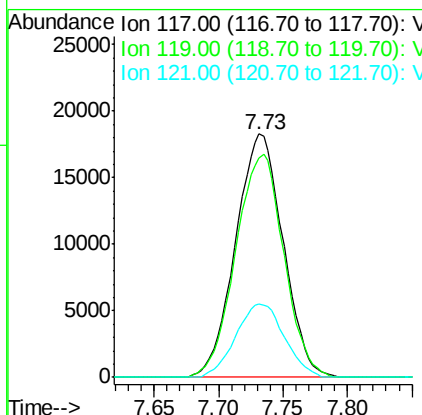
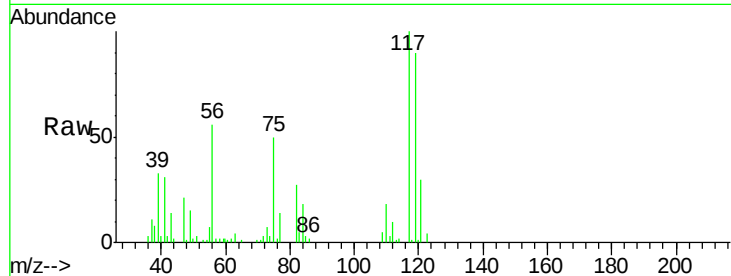
#33
Carbon Tetrachloride
Concen: 19.542 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	89.9	73.0	109.4
121	30.3	24.9	37.3

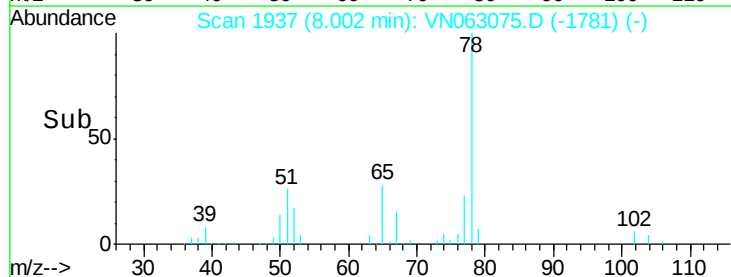
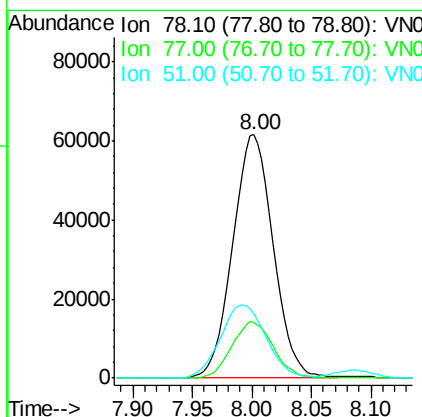
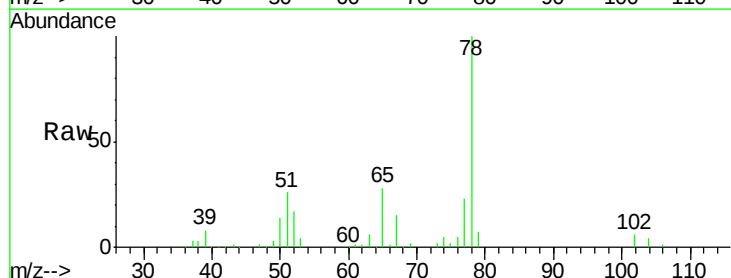
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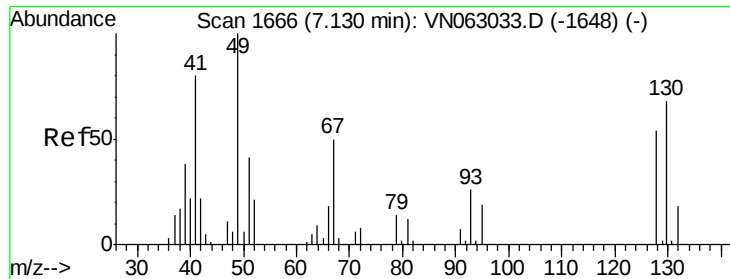
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#34
Benzene
Concen: 19.381 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	27.8
51	25.6	22.2	33.2





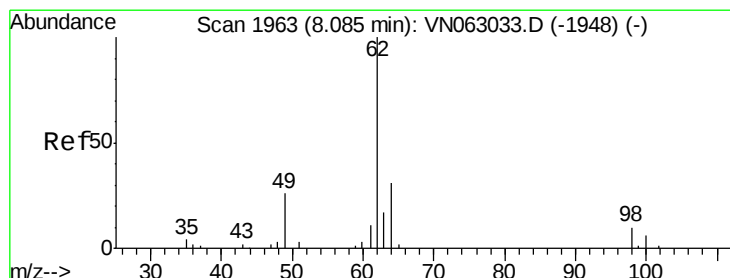
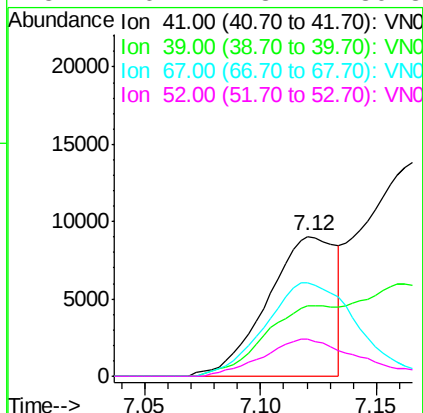
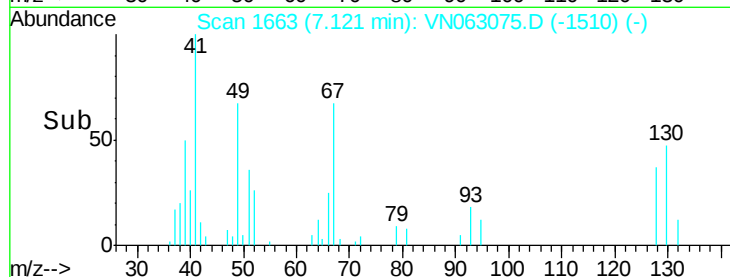
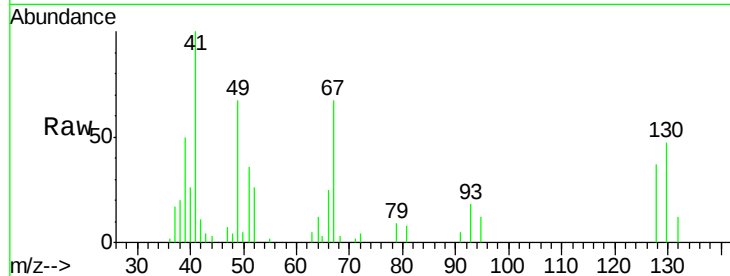
#35
Methacrylonitrile
Concen: 17.946 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion:	41.00	Resp:	18582
Ion Ratio	Lower	Upper	
41	100		
39	50.0	23.7	71.1
67	66.9	31.6	94.7
52	26.2	13.1	39.3

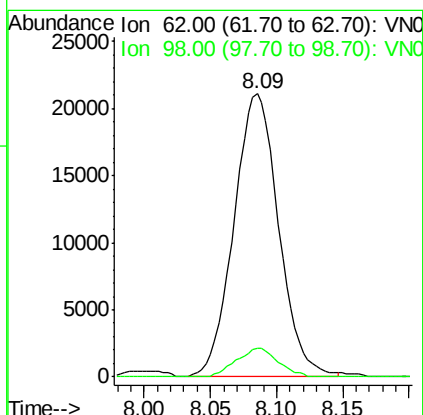
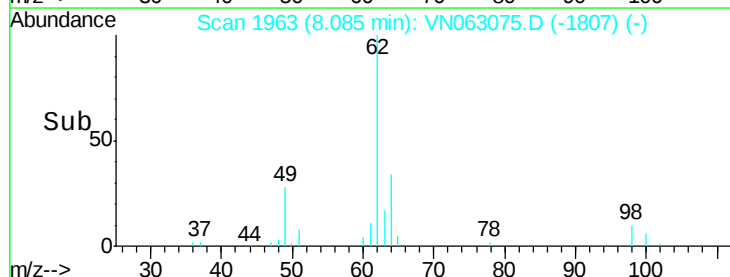
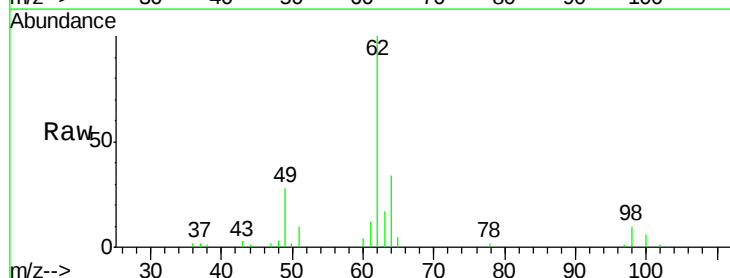
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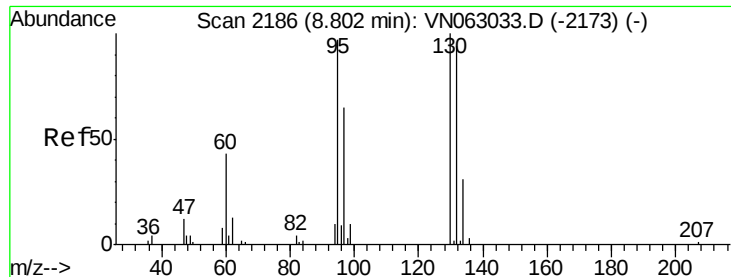
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#36
1,2-Dichloroethane
Concen: 19.420 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion:	62.00	Resp:	49627
Ion Ratio	Lower	Upper	
62	100		
98	9.4	7.6	11.4





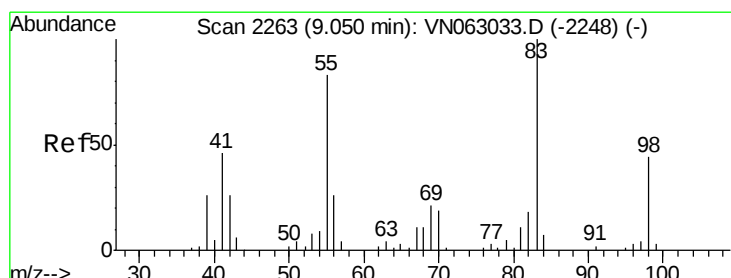
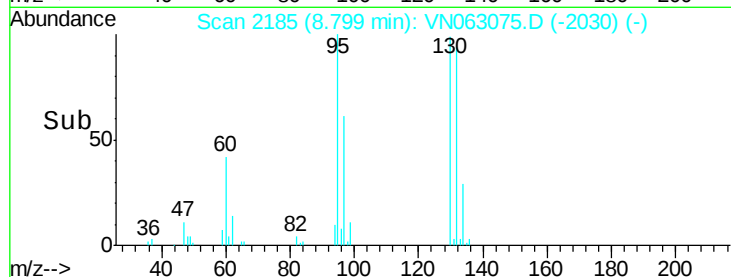
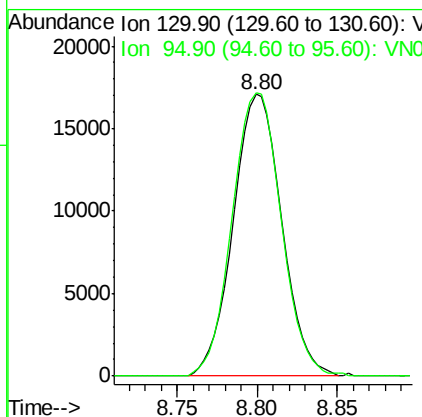
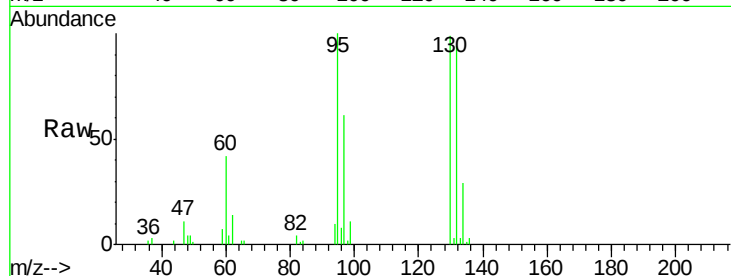
#37
 Trichloroethene
 Concen: 19.294 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100				
95	100.5	78.9	118.3		

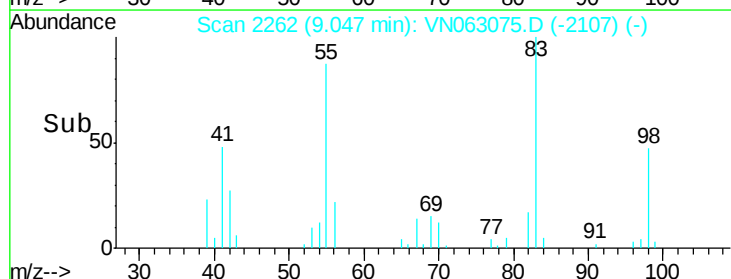
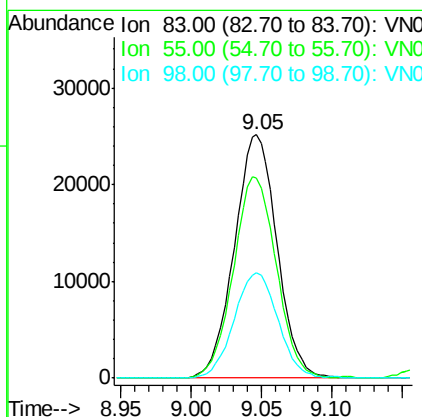
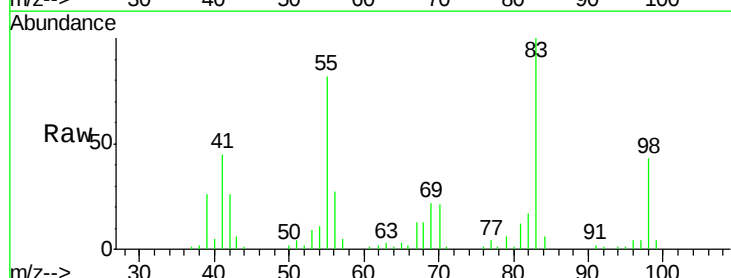
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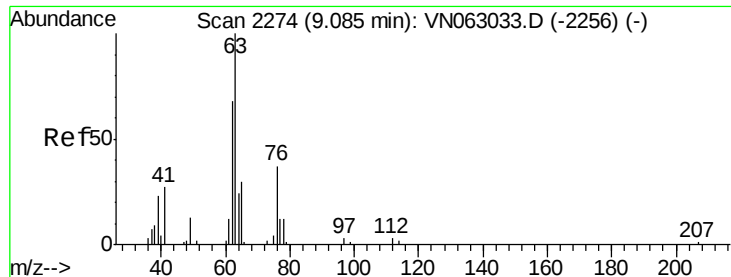
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#38
 Methylcyclohexane
 Concen: 18.161 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
55	83.3	41.9	125.7		
98	44.5	22.2	66.6		





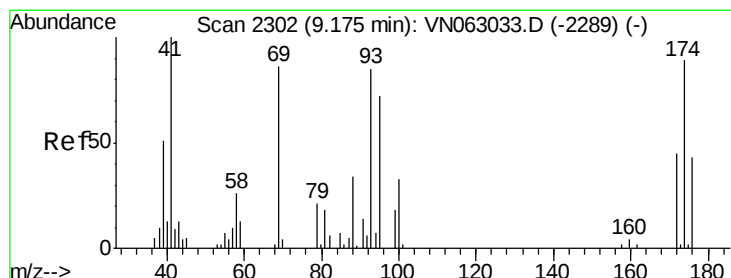
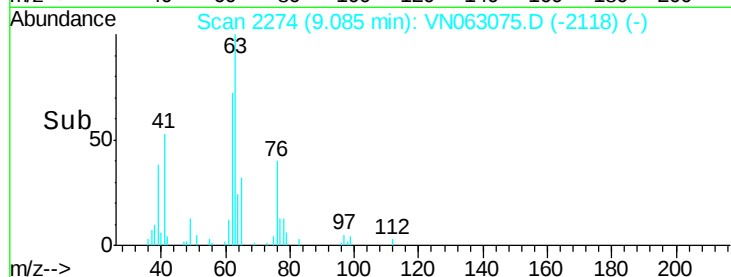
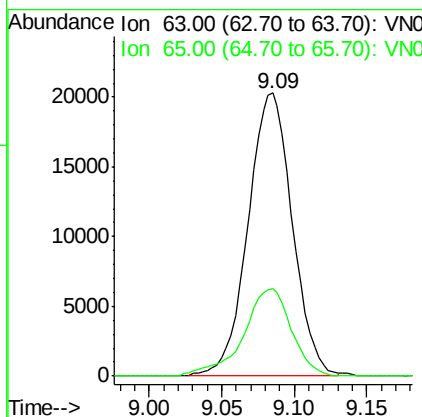
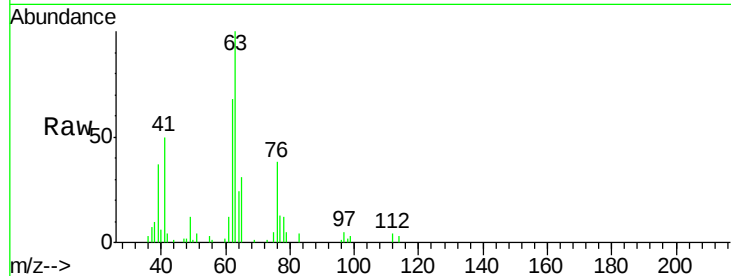
#39
 1,2-Dichloropropane
 Concen: 19.739 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.1	37.7

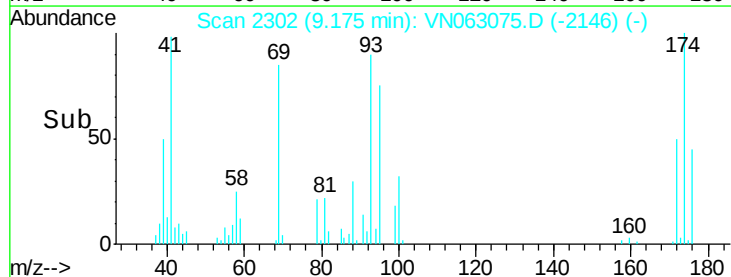
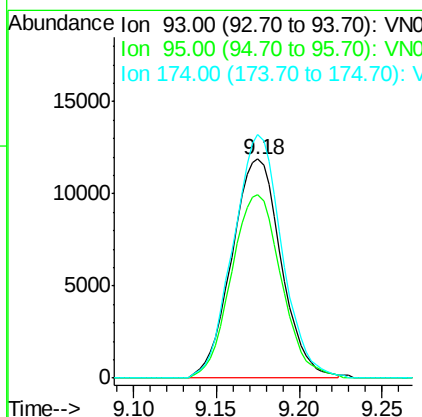
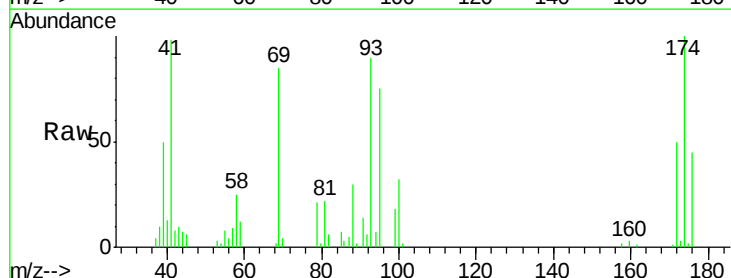
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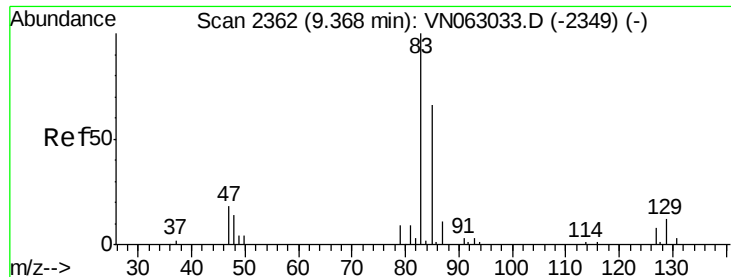
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#40
 Dibromomethane
 Concen: 19.468 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	0.0	168.2
174	109.2	0.0	208.4





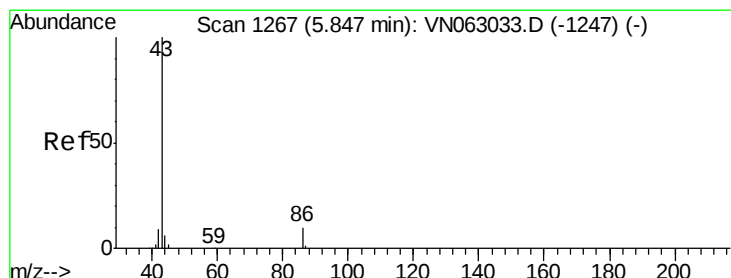
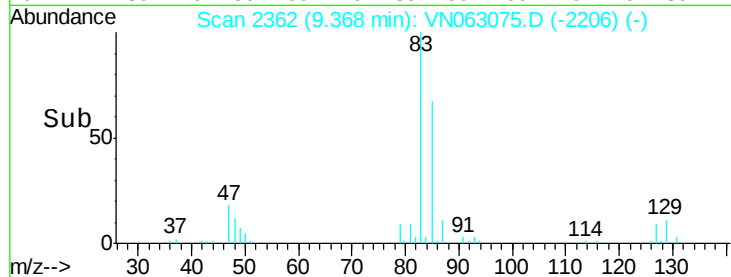
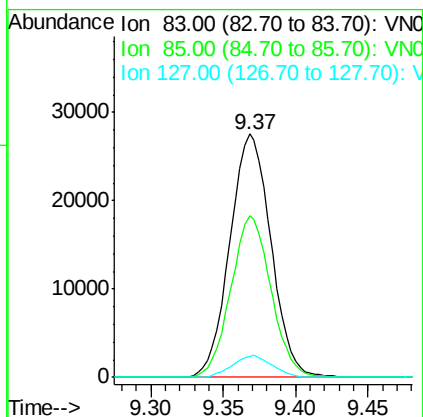
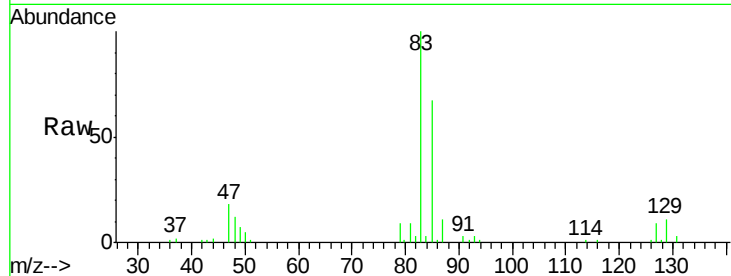
#41
 Bromodichloromethane
 Concen: 19.305 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion	83	Resp	54148
Ion Ratio	100	Lower	Upper
83	100		
85	66.5	52.6	79.0
127	8.8	7.4	11.0

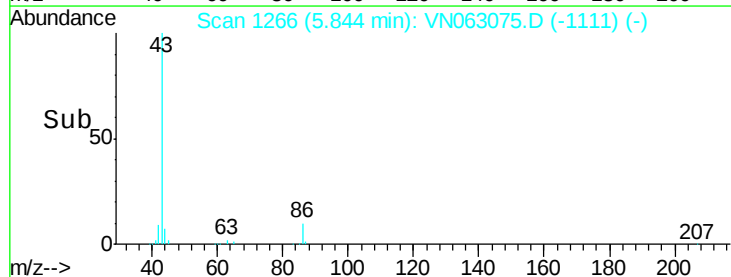
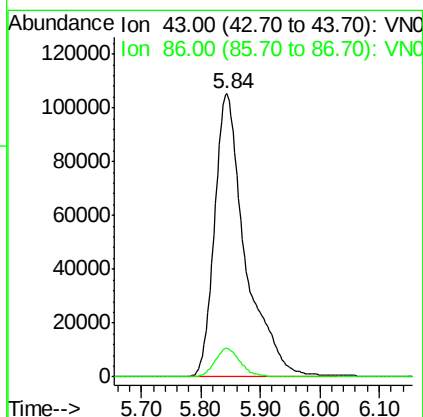
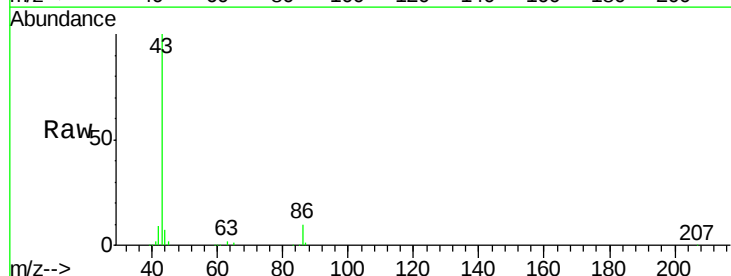
Manual Integrations
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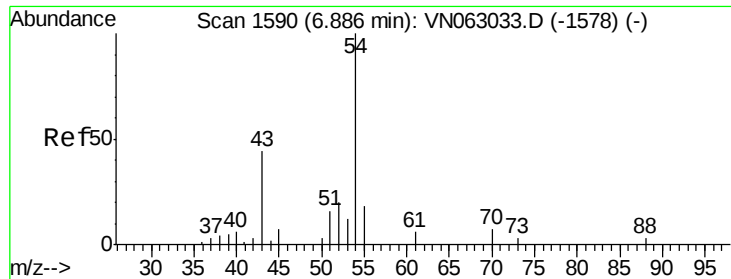
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#42
 Vinyl Acetate
 Concen: 91.888 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	43	Resp	379220
Ion Ratio	100	Lower	Upper
43	100		
86	8.4	6.7	10.1





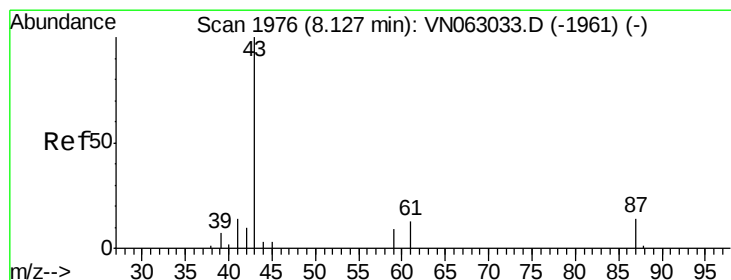
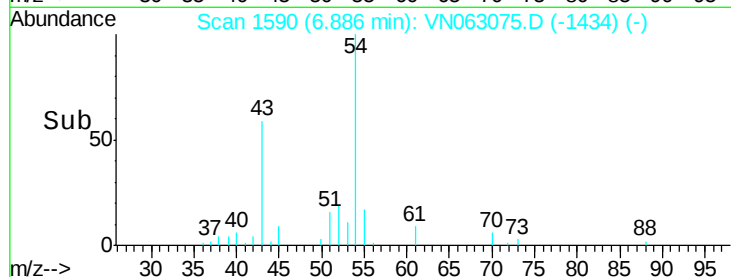
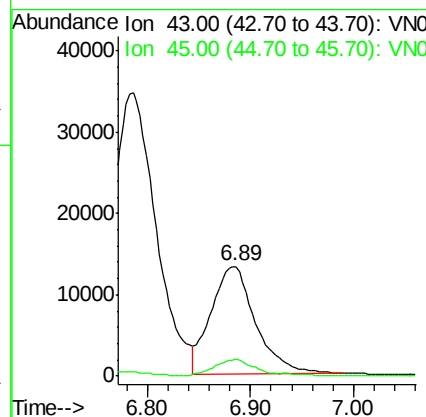
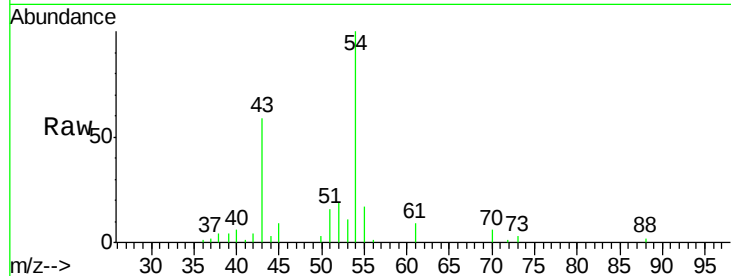
#43
Ethyl Acetate
Concen: 19.291 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	43	45	Ratio	Lower	Upper
40114	100	13.6		11.3	16.9

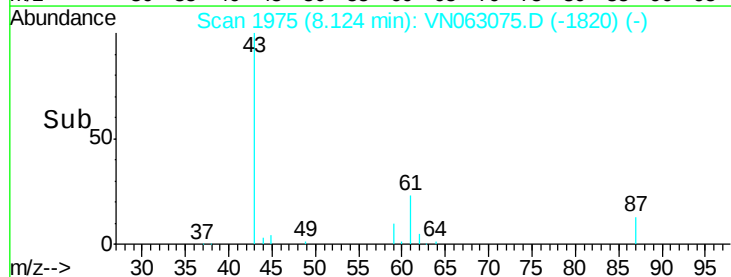
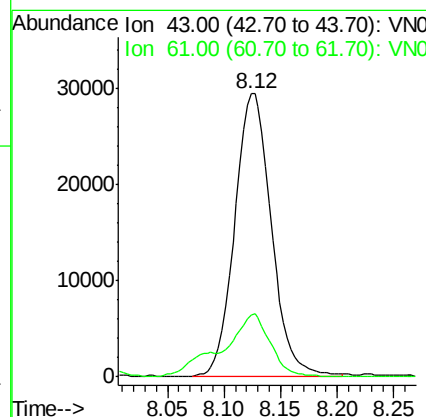
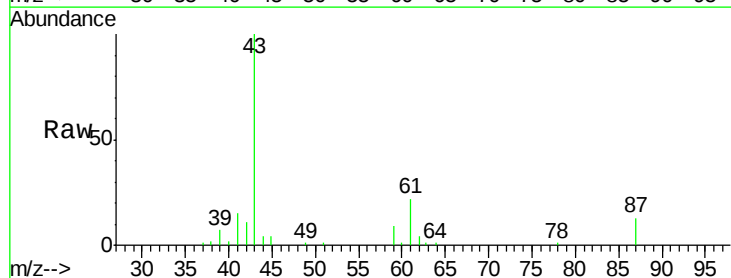
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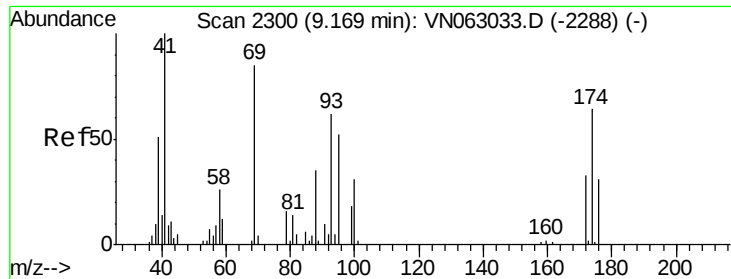
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#44
Isopropyl Acetate
Concen: 19.144 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	43	61	Ratio	Lower	Upper
66826	100	21.6		17.5	26.3





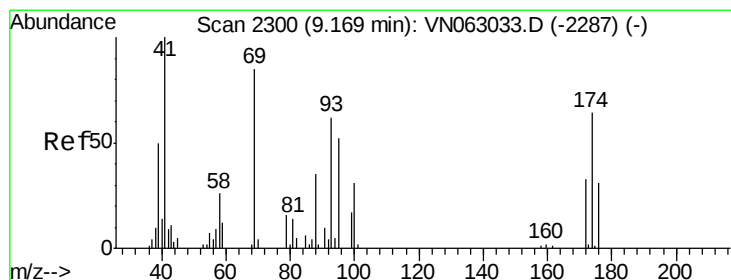
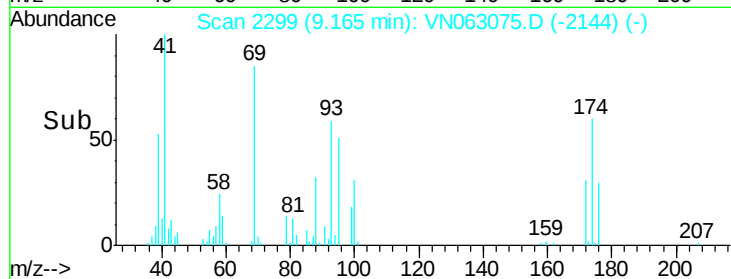
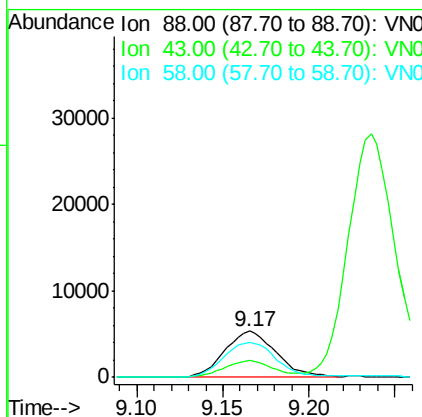
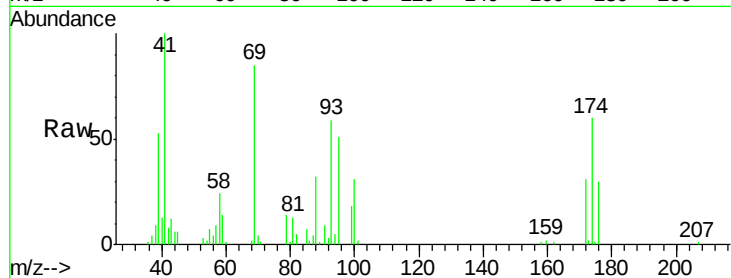
#45
 1,4-Dioxane
 Concen: 340.705 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	28.5	42.7
58	77.1	59.6	89.4

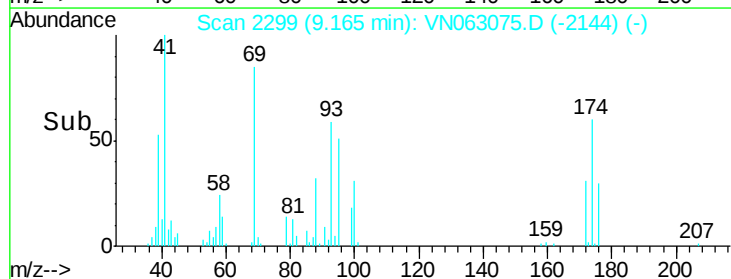
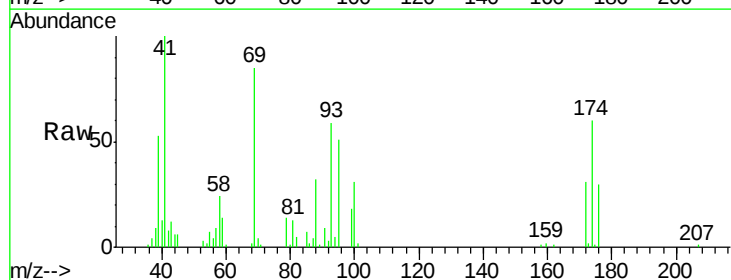
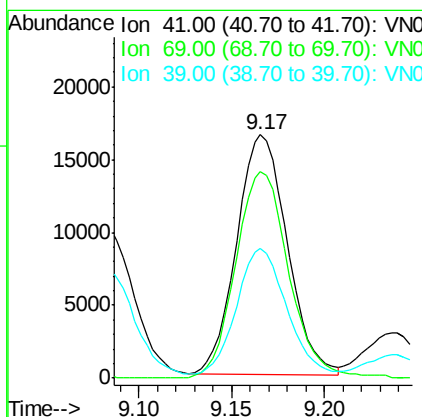
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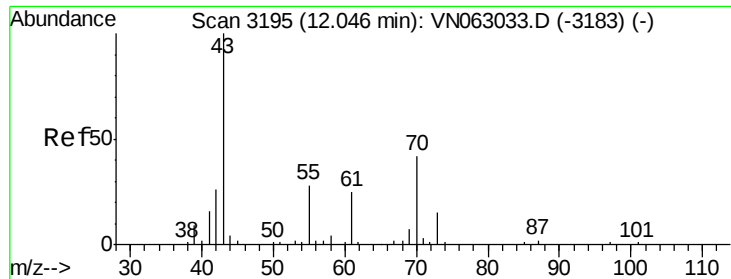
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#46
 Methyl methacrylate
 Concen: 18.229 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.6	42.6	128.0
39	52.5	25.1	75.4





#47

n-amvl Acetate

Concen: 17.443 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBS01

Tot Ion: 43 Resp: 54042

Ion Ratio Lower Upper

43 100

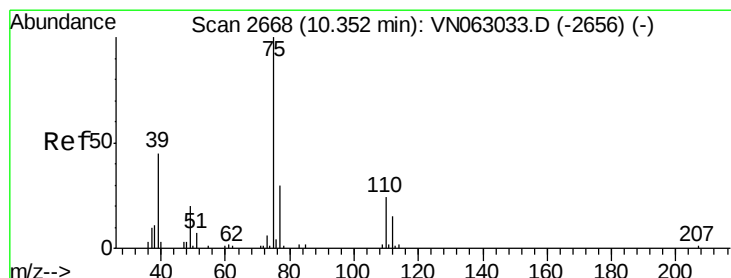
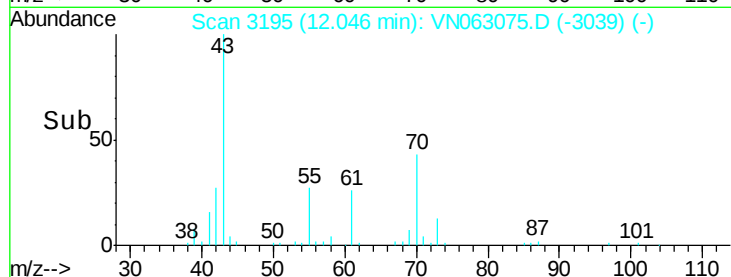
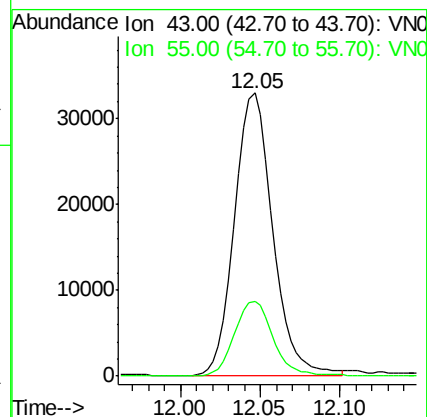
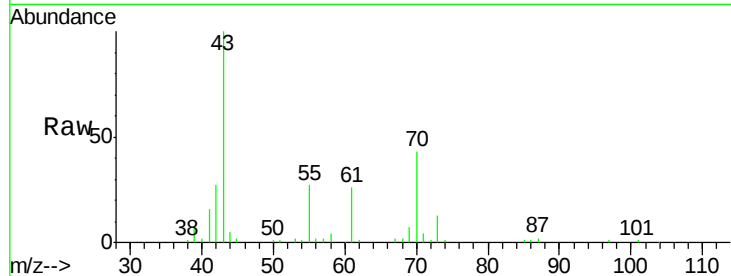
55 26.4 21.2 31.8

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#48

t-1,3-Dichloropropene

Concen: 19.028 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN063075.D

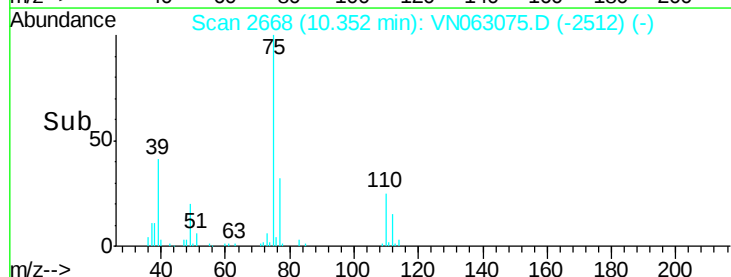
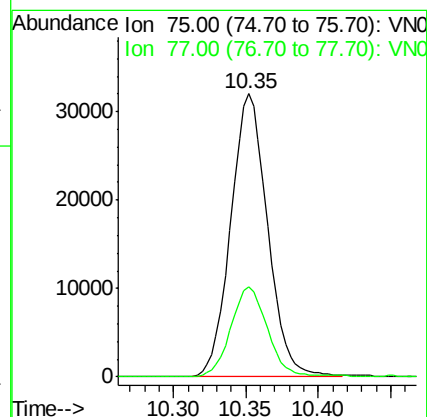
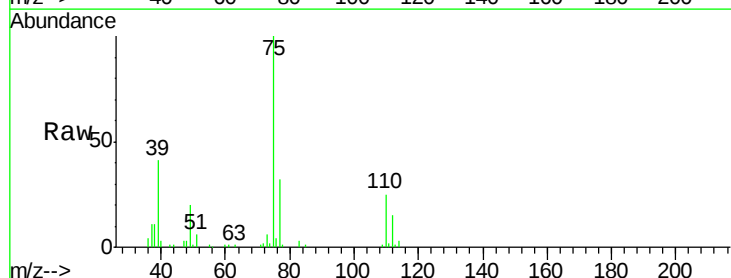
Acq: 21 Aug 2020 12:54

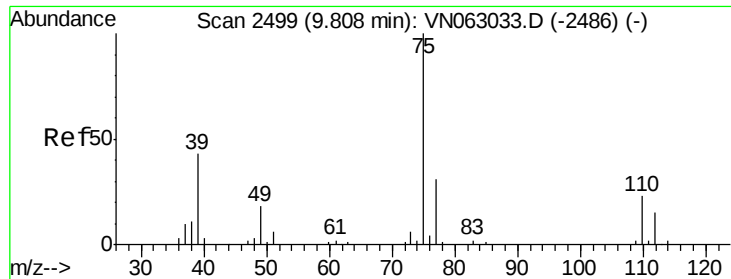
Tgt Ion: 75 Resp: 56366

Ion Ratio Lower Upper

75 100

77 31.7 23.8 35.8





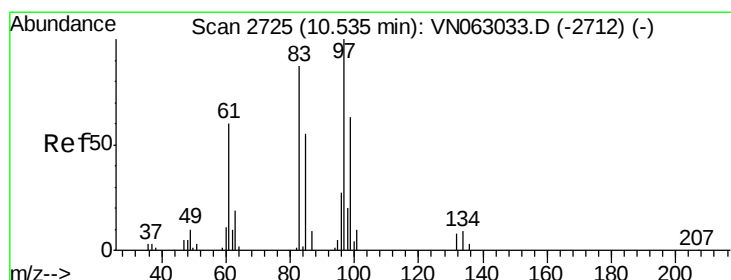
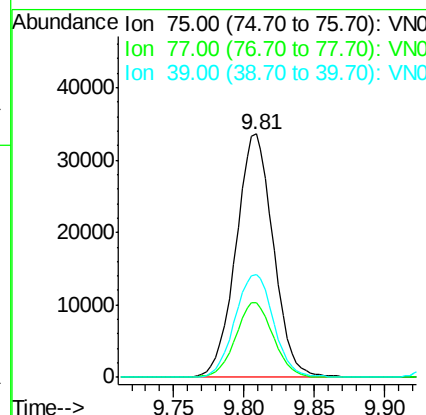
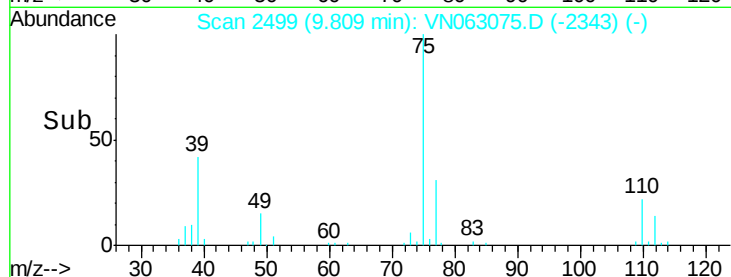
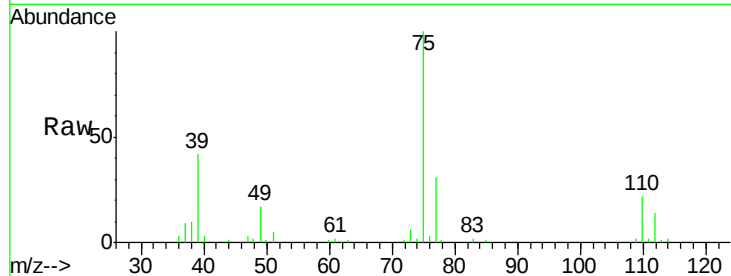
#49
 cis-1,3-Dichloropropene
 Concen: 19.362 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion:	75	Resp:	62430
Ion Ratio	Lower	Upper	
75	100		
77	30.9	24.8	37.2
39	42.4	34.5	51.7

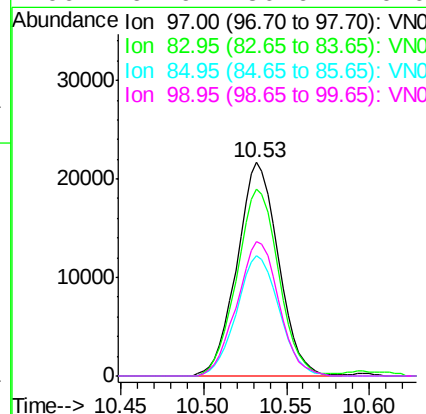
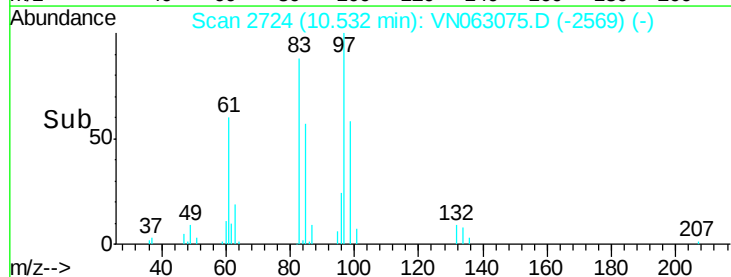
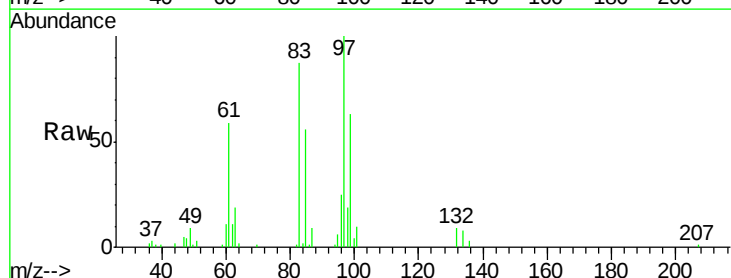
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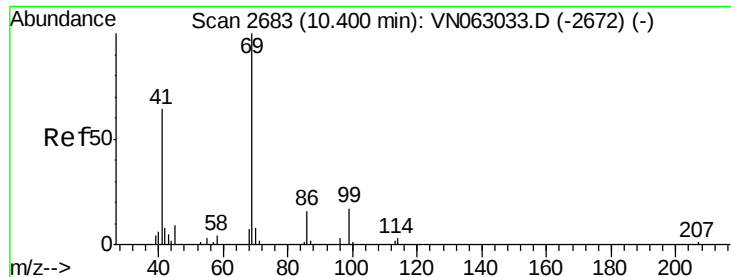
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#50
 1,1,2-Trichloroethane
 Concen: 19.354 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion:	97	Resp:	37769
Ion Ratio	Lower	Upper	
97	100		
83	87.4	69.9	104.9
85	56.5	44.0	66.0
99	62.9	50.6	76.0





#51

Ethyl methacrylate

Concen: 18.715 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Instrument :

MSVOA_N

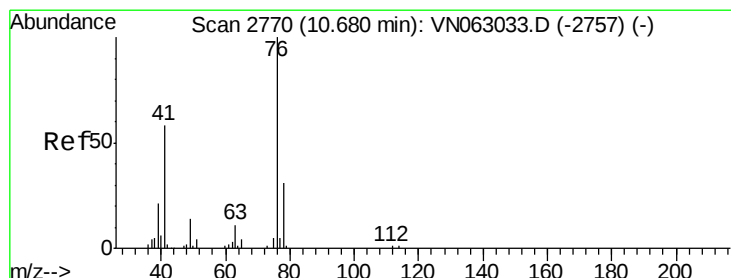
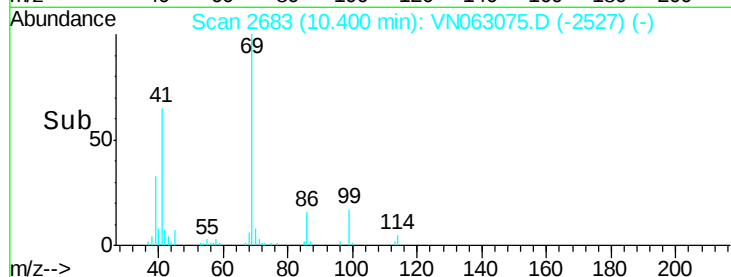
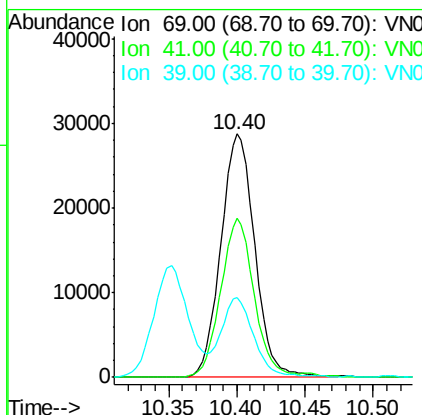
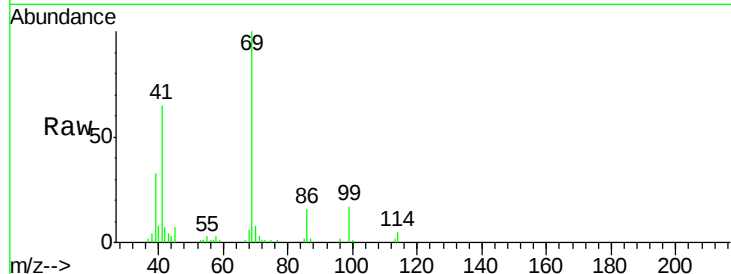
ClientSampleId :

VN0821WBS01

Tot Ion:	69	Resp:	49689
Ion	Ratio	Lower	Upper
69	100		
41	64.7	32.1	96.5
39	32.7	16.1	48.3

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#52

1,3-Dichloropropane

Concen: 19.477 ug/l

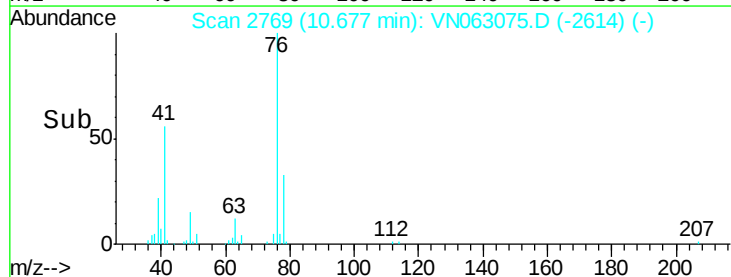
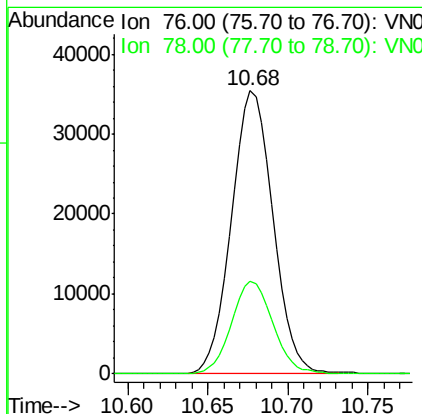
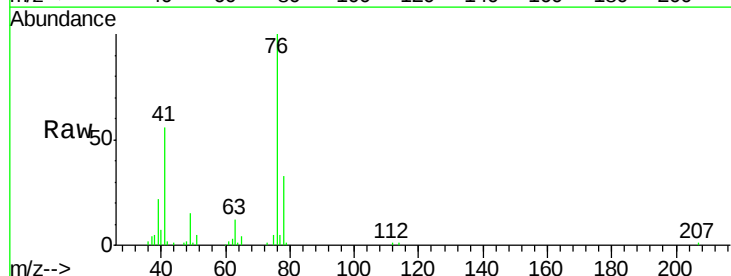
RT: 10.68 min Scan# 2769

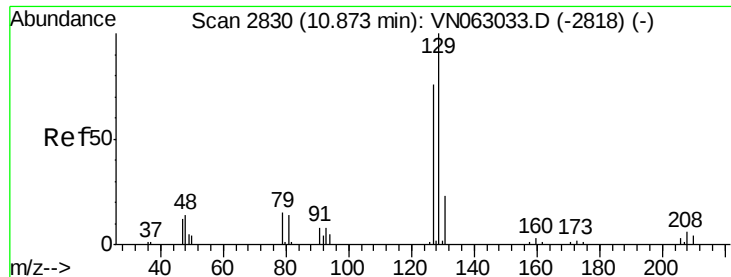
Delta R.T. -0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Tgt Ion:	76	Resp:	62797
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	63.2





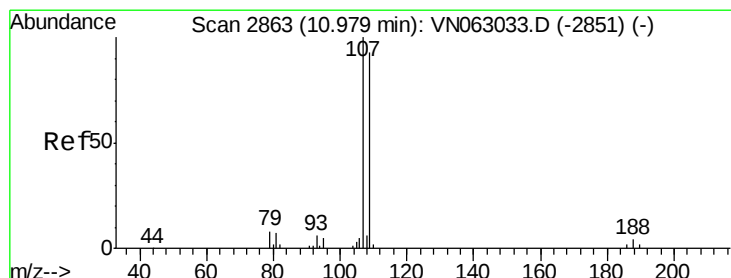
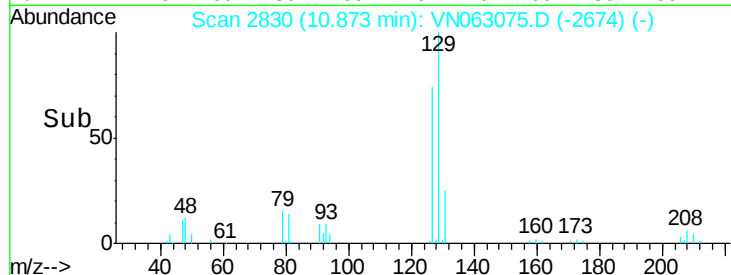
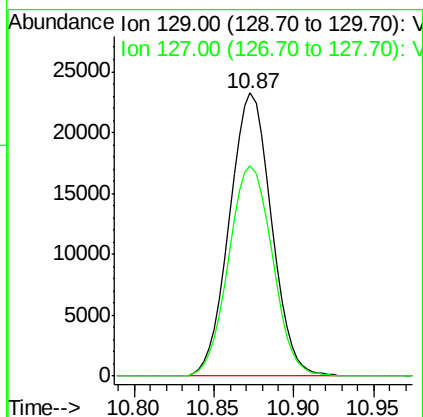
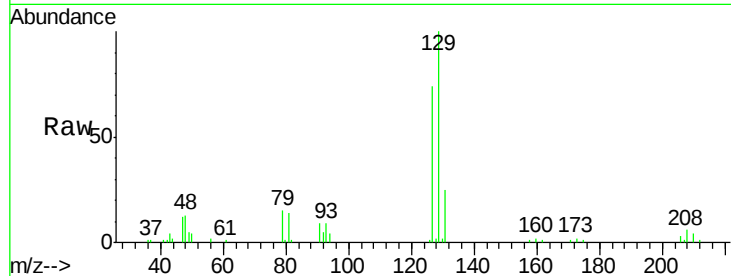
#53
 Dibromochloromethane
 Concen: 19.451 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion:129 Resp: 41655
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.7 116.1

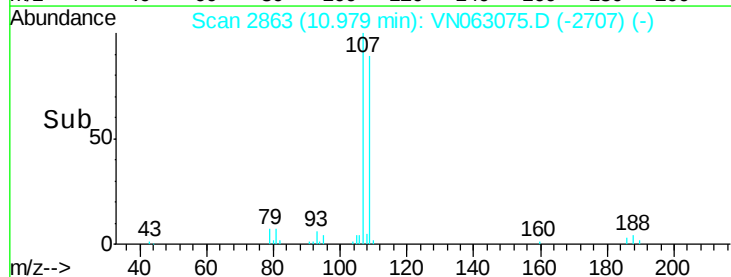
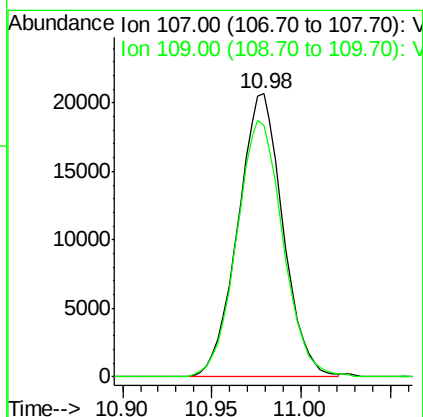
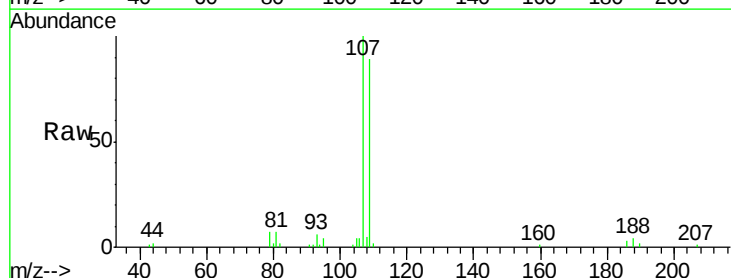
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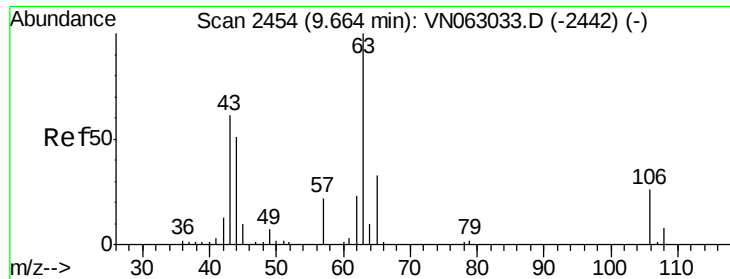
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#54
 1,2-Dibromoethane
 Concen: 19.401 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion:107 Resp: 36320
 Ion Ratio Lower Upper
 107 100
 109 93.1 76.3 114.5





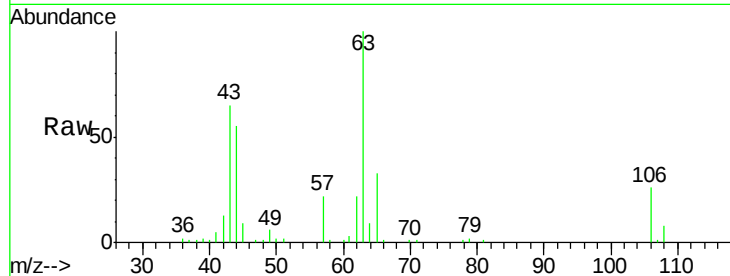
#55
2-Chloroethyl vinyl ether
Concen: 94.770 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

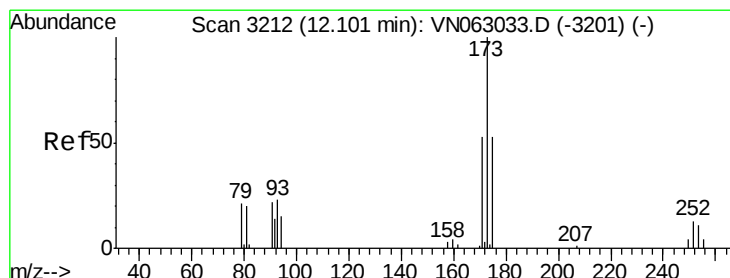
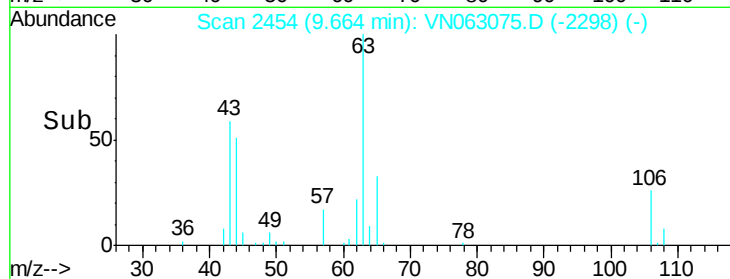
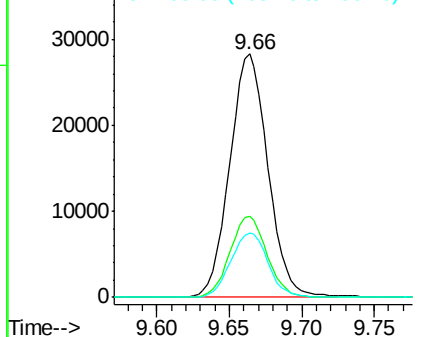
Tot Ion	63	Resp	51685
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.9	38.9
106	25.6	19.9	29.9

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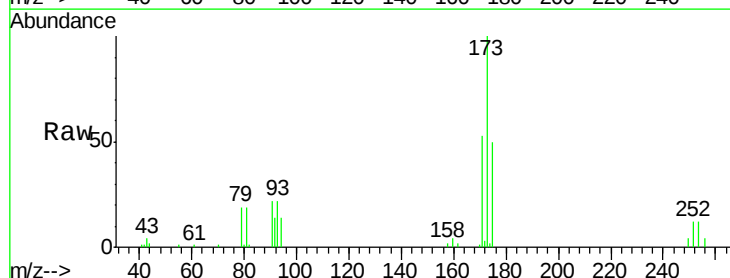


Abundance Ion 63.00 (62.70 to 63.70): VN063033.D (-2442) (-)
Ion 65.00 (64.70 to 65.70): VN063033.D (-2442) (-)
Ion 106.00 (105.70 to 106.70): VN063033.D (-2442) (-)

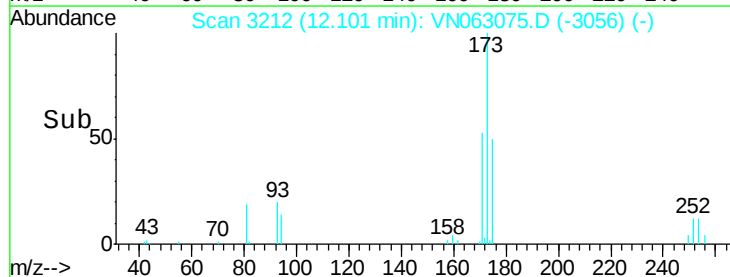
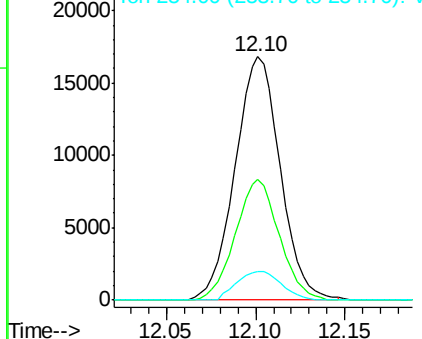


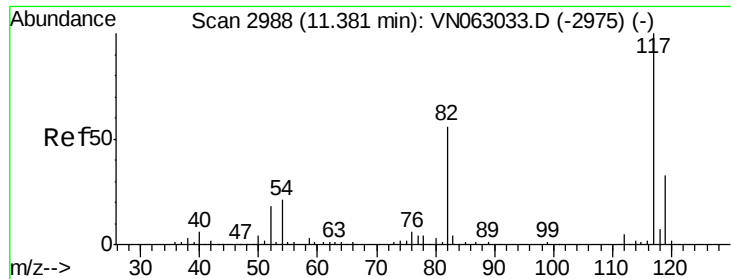
#56
Bromoform
Concen: 18.956 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	173	Resp	29727
Ion	Ratio	Lower	Upper
173	100		
175	48.0	41.2	61.8
254	11.6	9.0	13.4



Abundance Ion 173.00 (172.70 to 173.70): VN063033.D (-3201) (-)
Ion 175.00 (174.70 to 175.70): VN063033.D (-3201) (-)
Ion 254.00 (253.70 to 254.70): VN063033.D (-3201) (-)





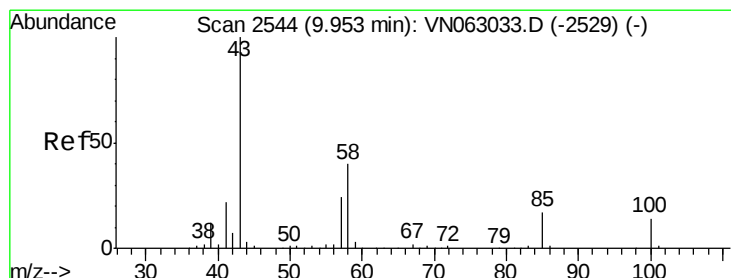
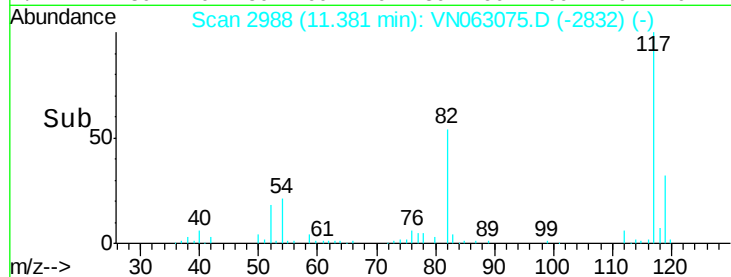
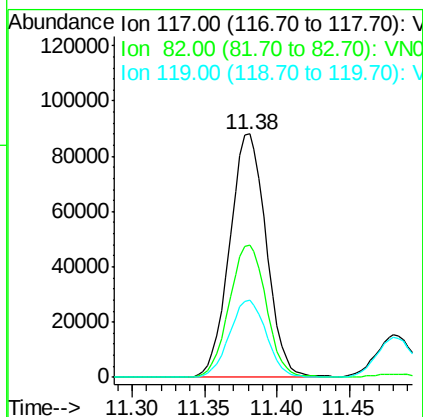
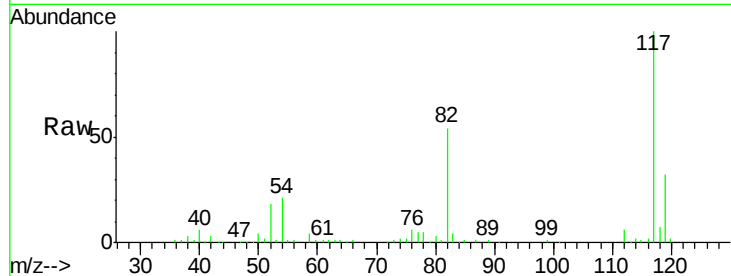
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.9	67.3
119	31.8	26.0	39.0

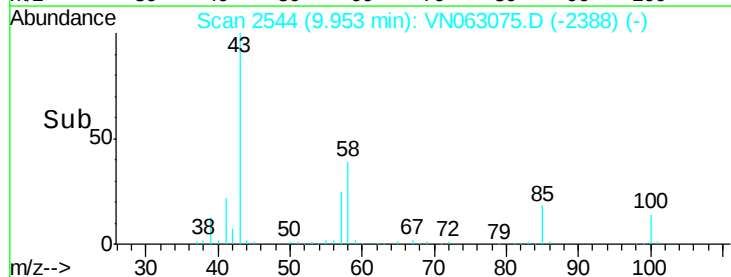
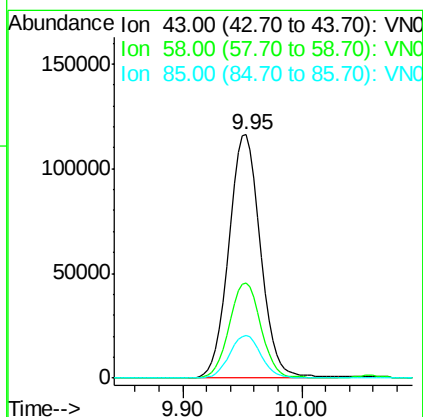
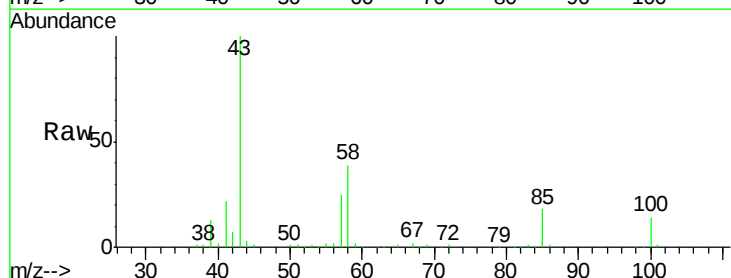
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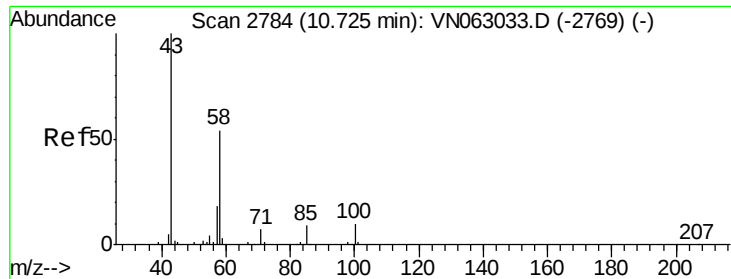
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#58
4-Methyl-2-Pentanone
Concen: 97.169 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.4	47.0
85	17.3	13.4	20.2





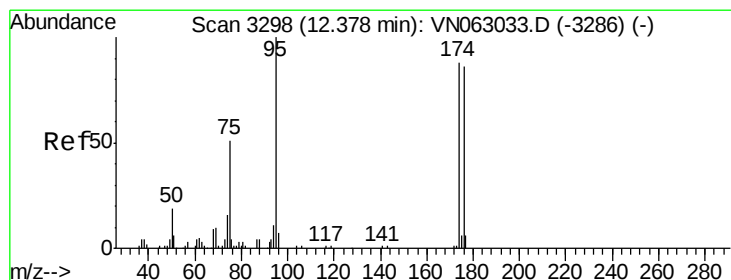
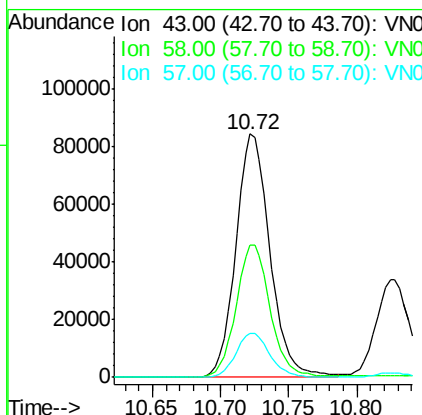
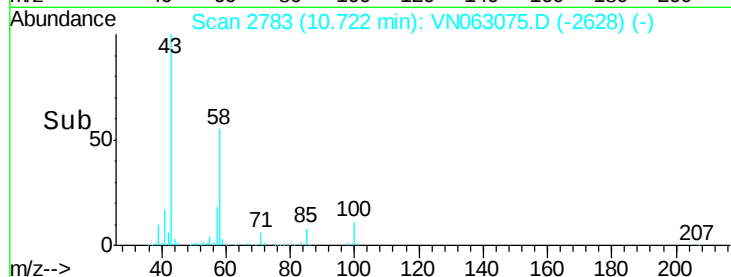
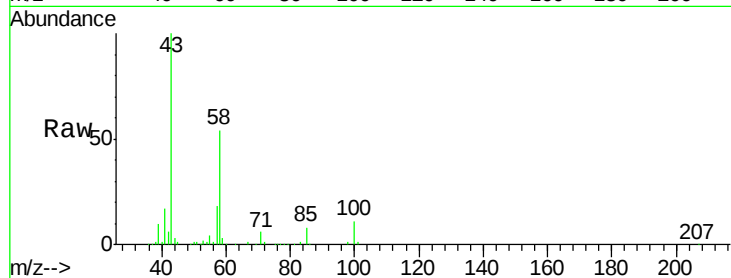
#59
2-Hexanone
Concen: 92.585 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	42.6	64.0
57	18.1	14.6	21.8

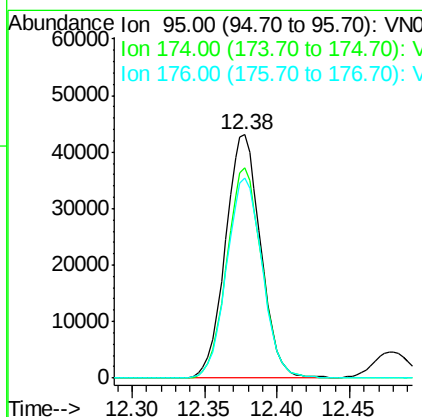
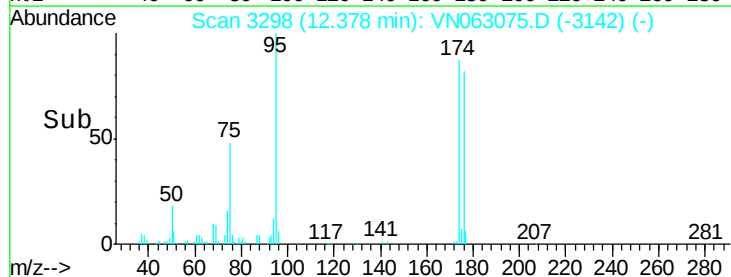
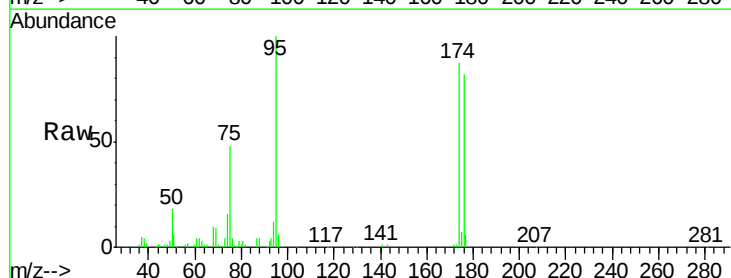
Manual Integrations
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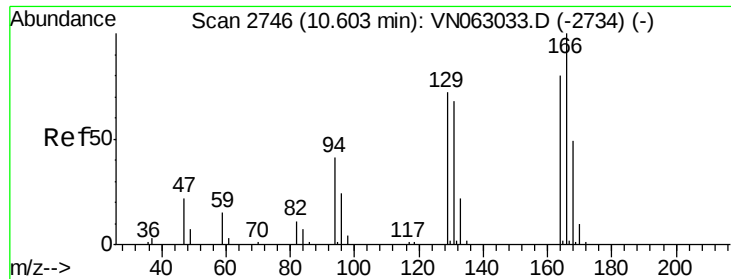
sam
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#60
4-Bromofluorobenzene
Concen: 29.770 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.8	70.1	105.1
176	83.0	66.8	100.2





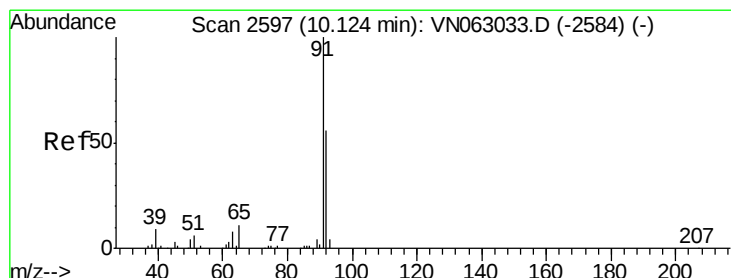
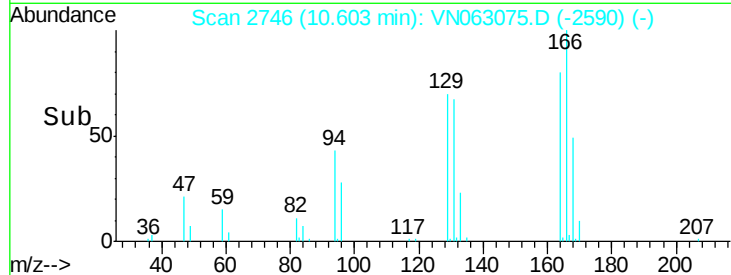
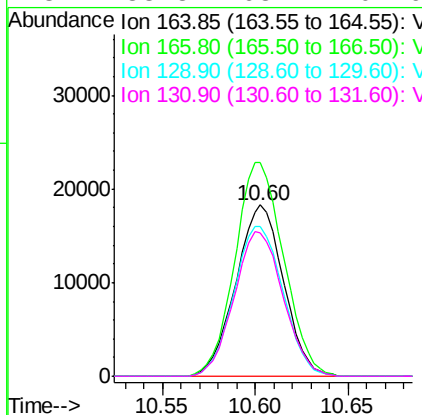
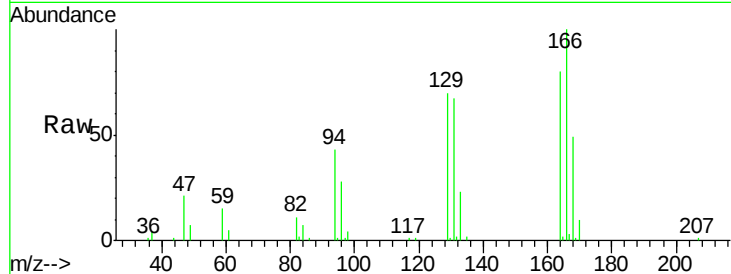
#61
Tetrachloroethene
Concen: 19.305 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.7	100.1	150.1
129	87.3	72.5	108.7
131	83.8	68.4	102.6

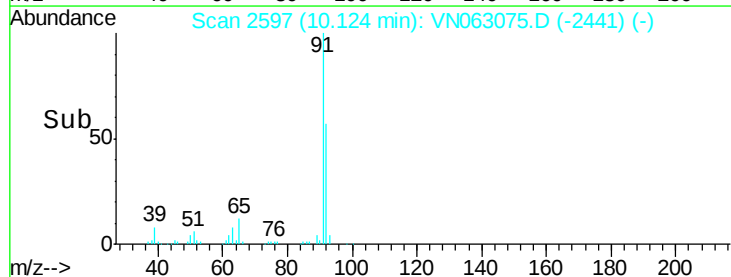
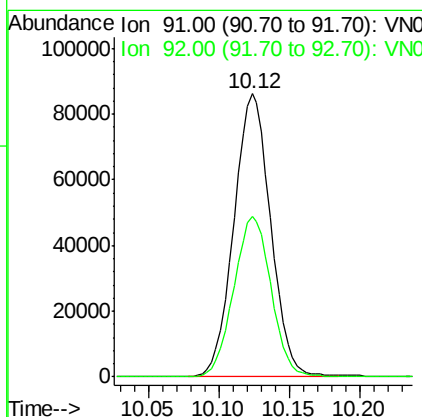
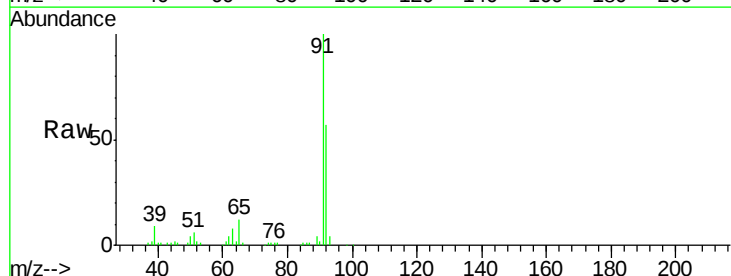
Manual Integrations
APPROVED

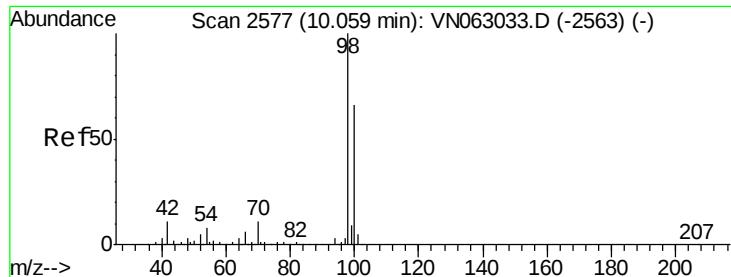
sam
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#62
Toluene
Concen: 19.250 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.6	45.5	68.3





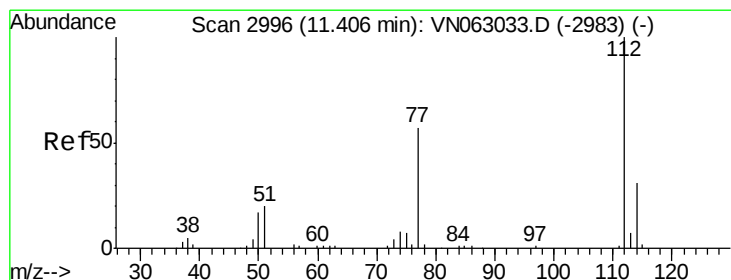
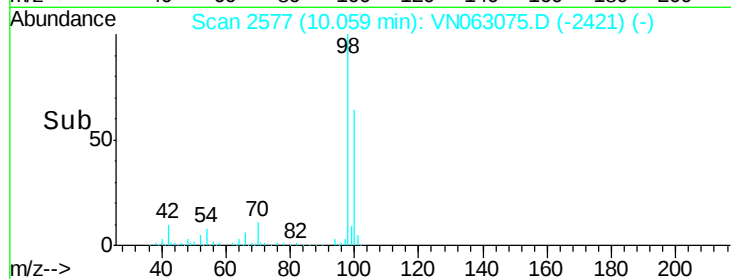
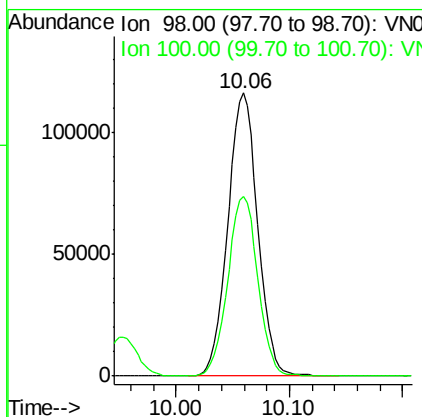
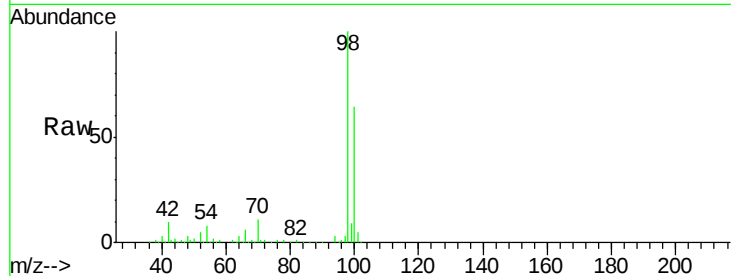
#63
Toluene-d8
Concen: 30.204 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion: 98 Resp: 213751
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.2

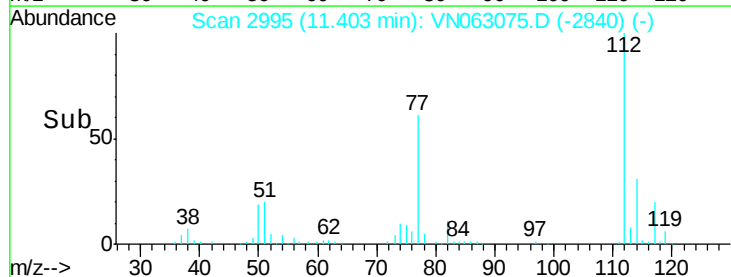
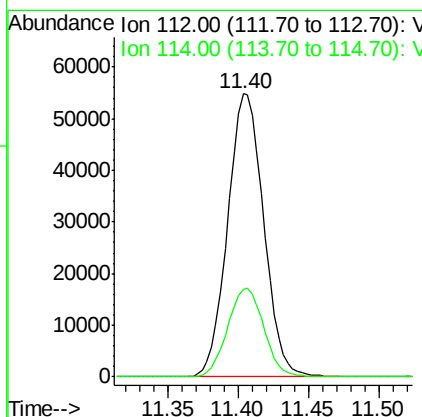
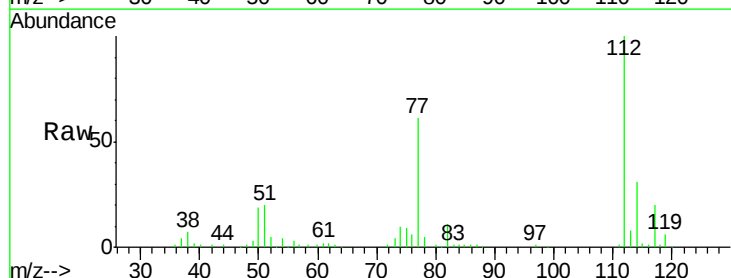
Manual Integrations
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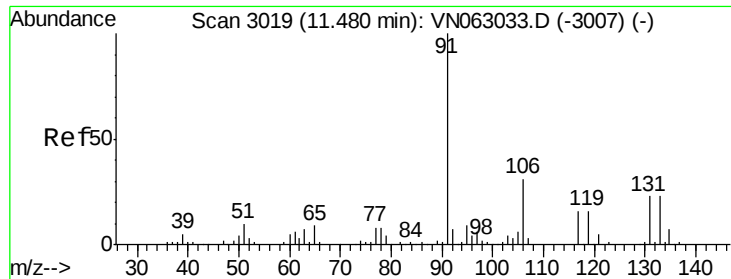
sam
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#64
Chlorobenzene
Concen: 19.372 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion: 112 Resp: 97962
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7





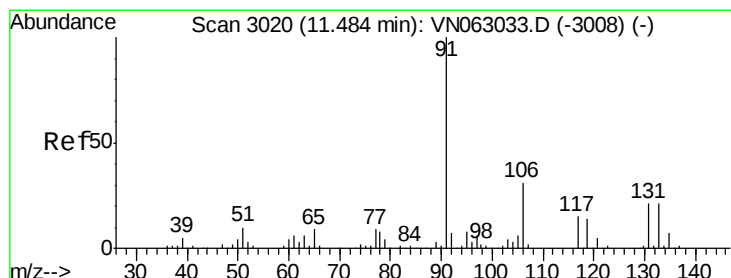
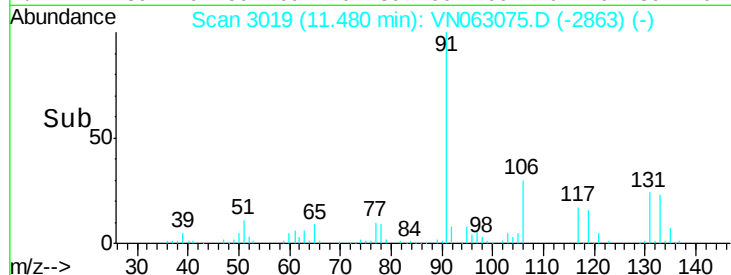
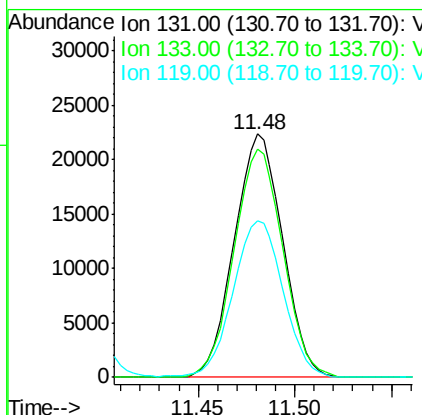
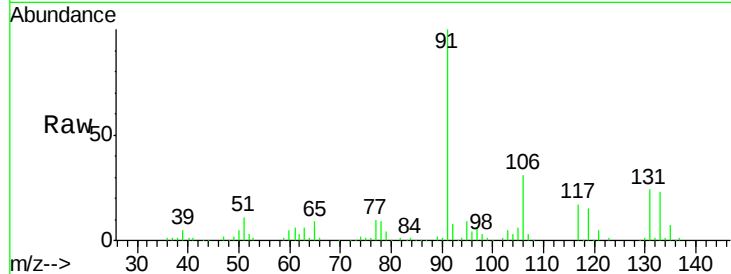
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.475 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.5	0.0	191.2
119	66.1	0.0	134.2

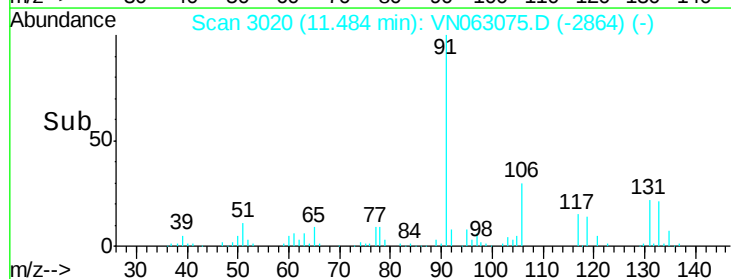
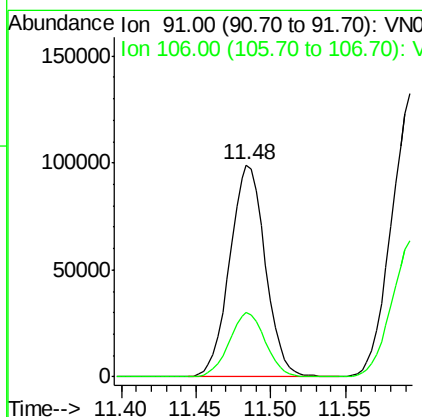
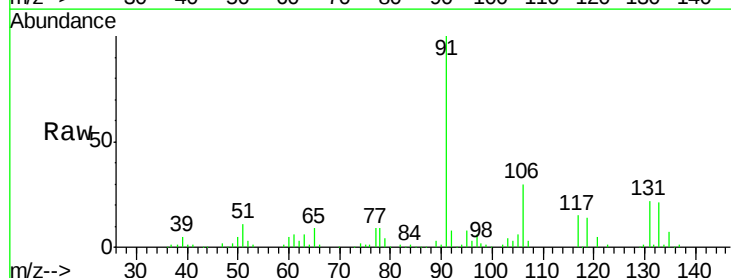
Manual Integrations
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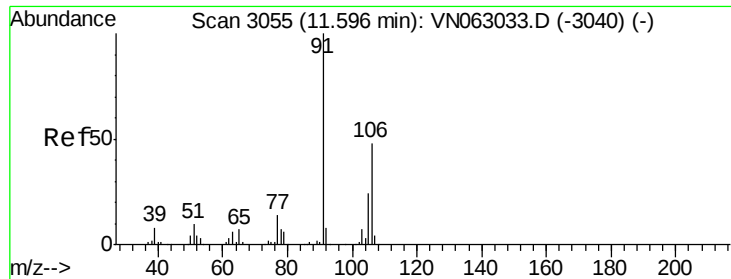
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#66
 Ethyl Benzene
 Concen: 18.434 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.0	37.4





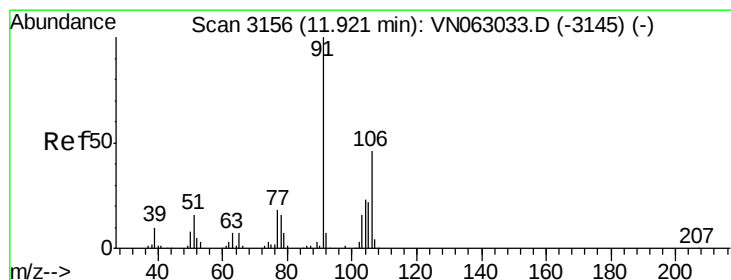
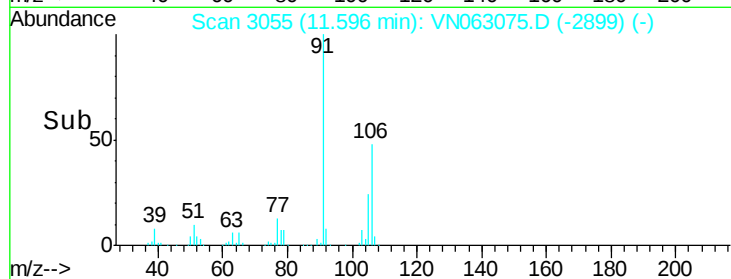
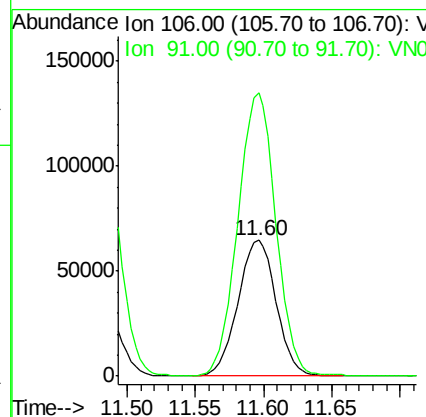
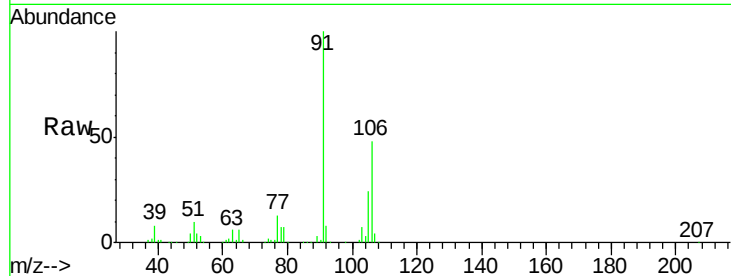
#67
m/p-Xylenes
Concen: 37.468 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		125042		
91	207.4	164.9	247.3		

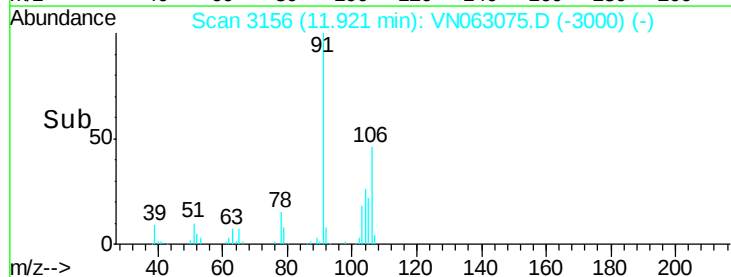
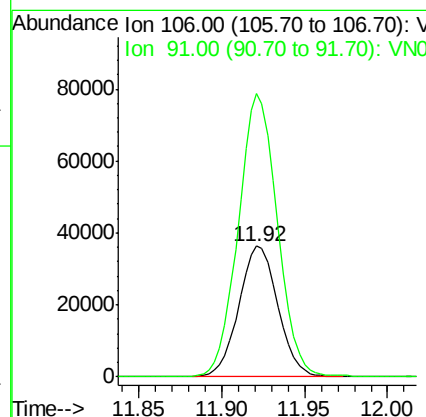
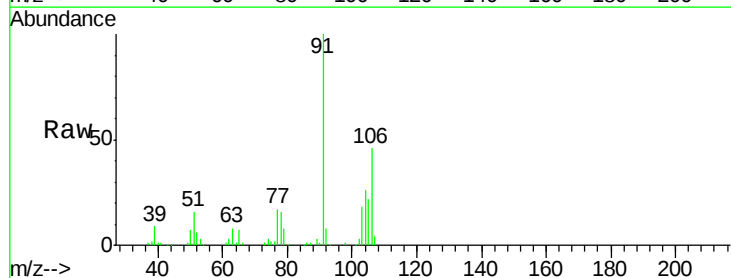
Manual Integrations
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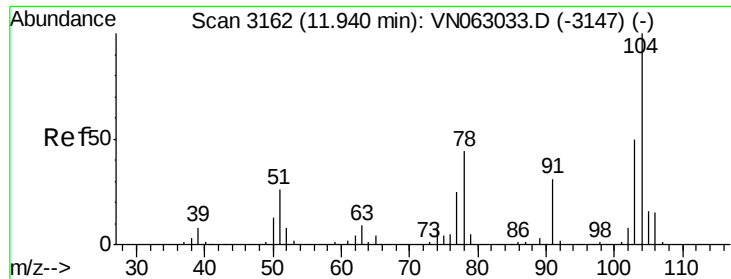
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#68
o-Xylene
Concen: 18.615 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		59675		
91	216.3	108.0	324.0		





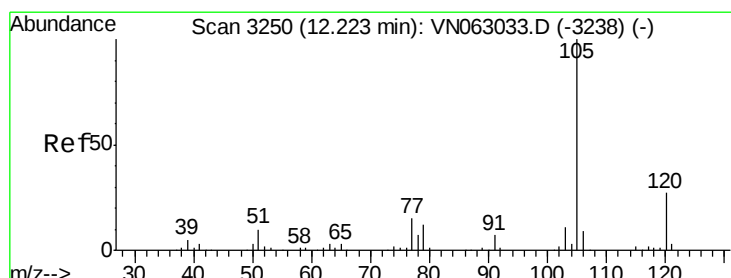
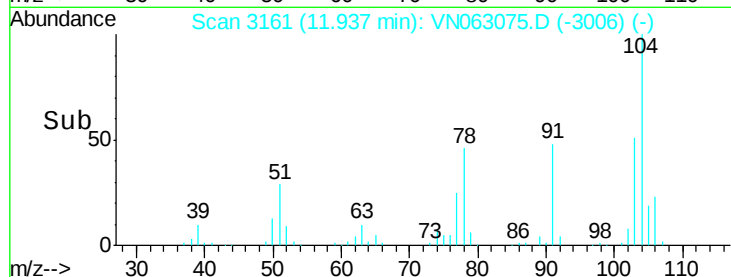
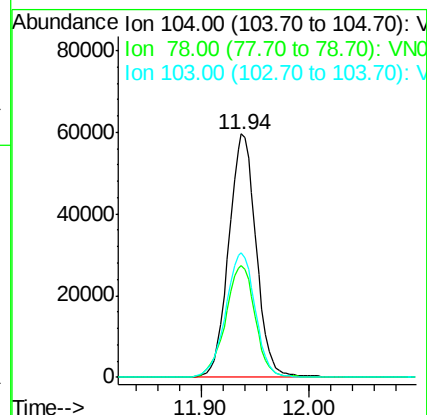
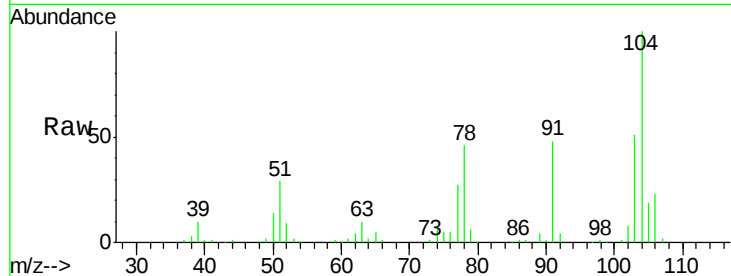
#69
Stvrene
Concen: 18.862 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.6	59.4
103	54.8	44.4	66.6

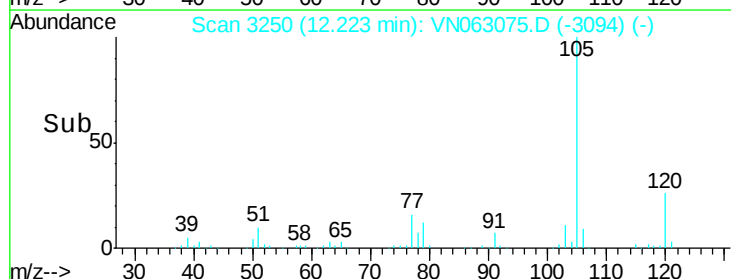
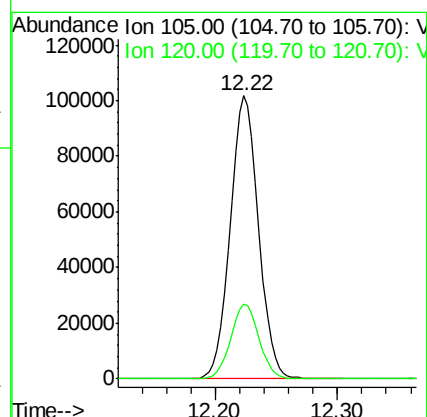
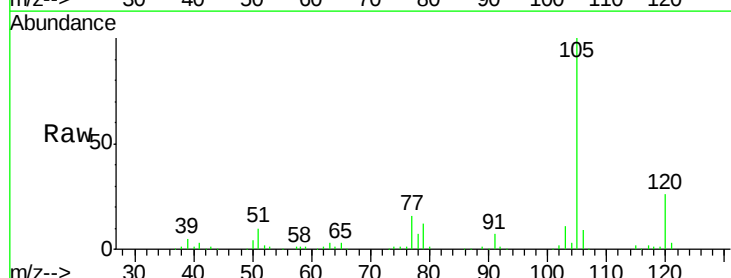
Manual Integrations
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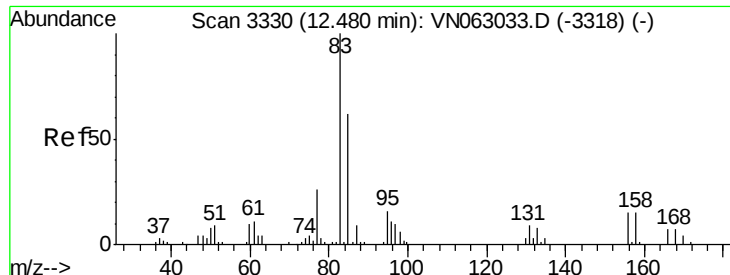
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#70
Isopropylbenzene
Concen: 18.909 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.5	34.3





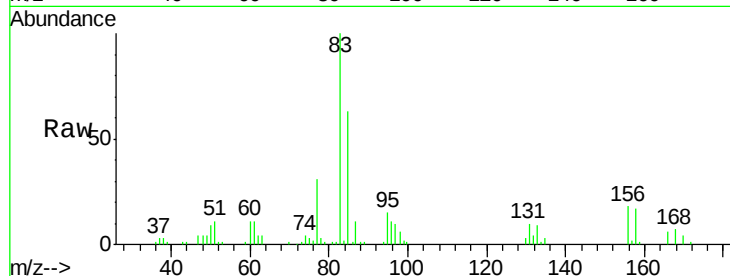
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.131 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

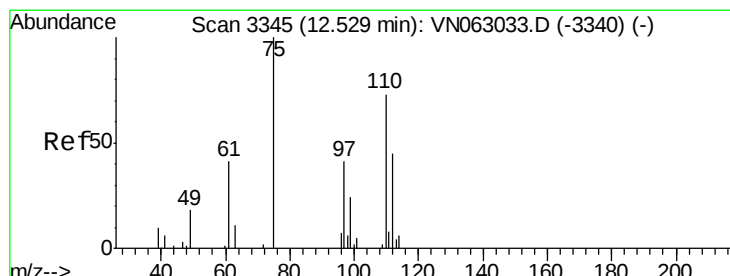
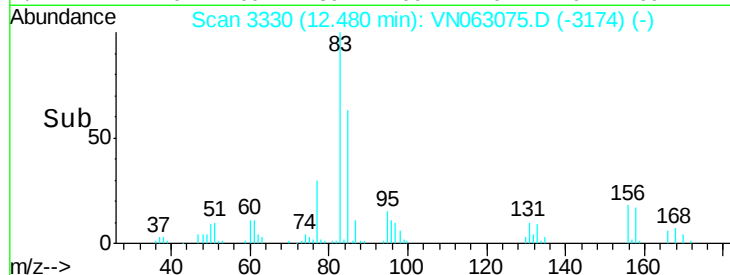
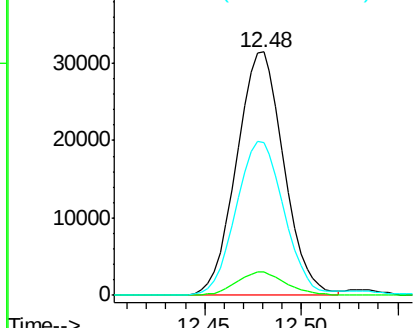
Tot Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.5	13.7
85	64.1	31.8	95.3

Manual Integrations
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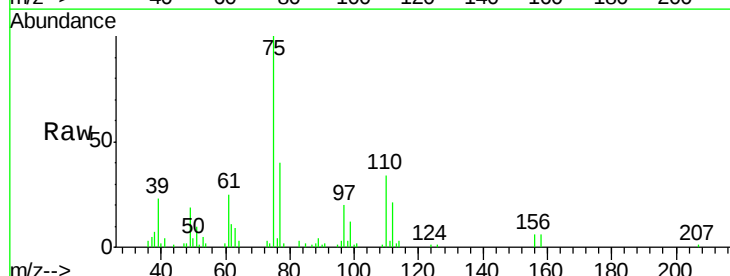


Abundance Ion 83.00 (82.70 to 83.70): VN063033.D (-3318) (-)
 Ion 131.00 (130.70 to 131.70): VN063033.D (-3318) (-)
 Ion 85.00 (84.70 to 85.70): VN063033.D (-3318) (-)

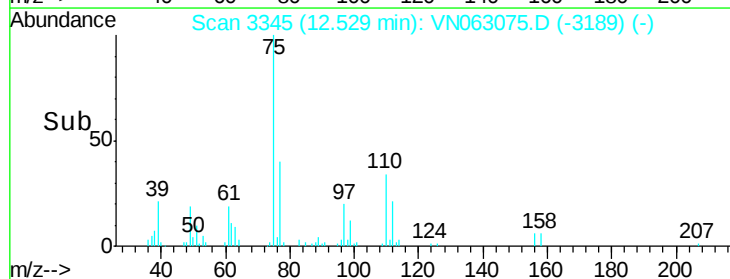
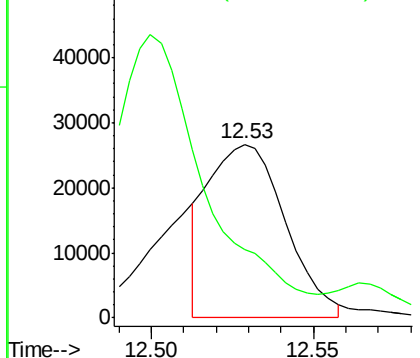


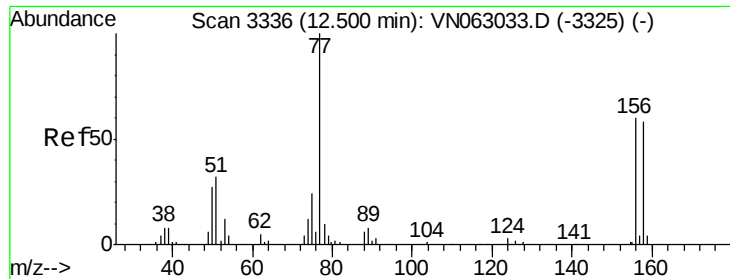
#72
 1,2,3-Trichloropropane
 Concen: 17.740 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	202.7	0.0	387.8



Abundance Ion 75.00 (74.70 to 75.70): VN063033.D (-3340) (-)
 Ion 77.00 (76.70 to 77.70): VN063033.D (-3340) (-)





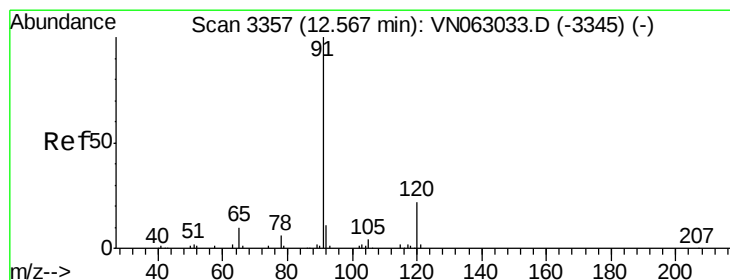
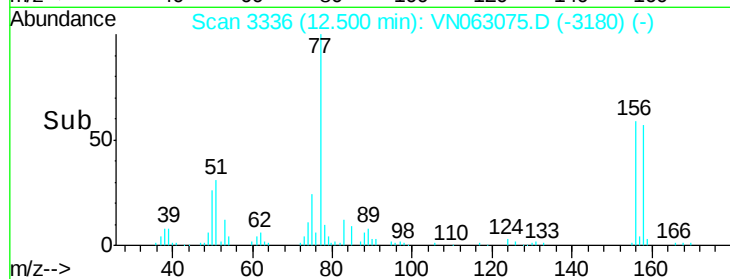
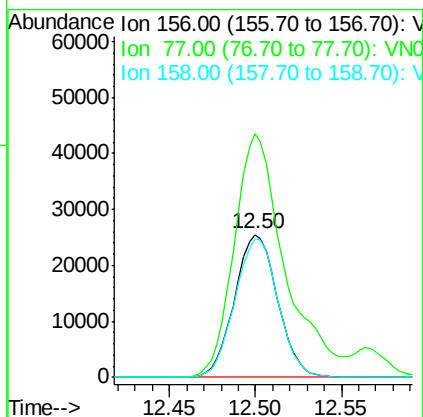
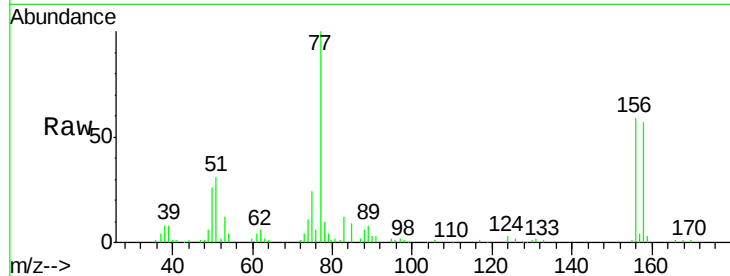
#73
Bromobenzene
Concen: 18.911 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	200.6	0.0	398.6
158	97.0	0.0	195.4

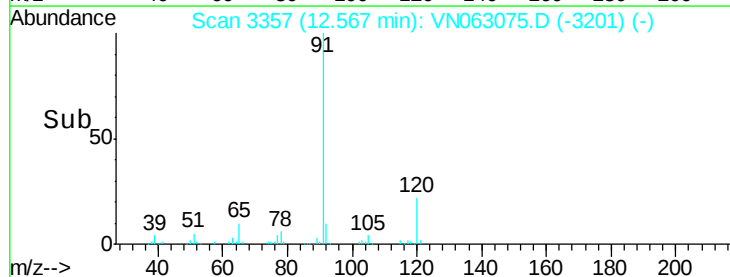
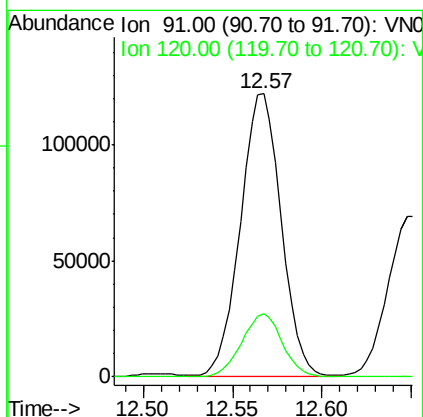
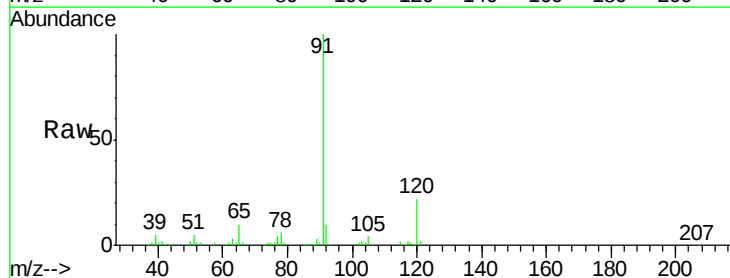
Manual Integrations
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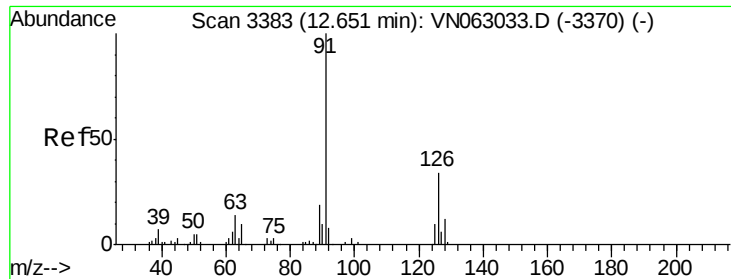
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#74
n-propylbenzene
Concen: 18.636 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	0.0	44.0





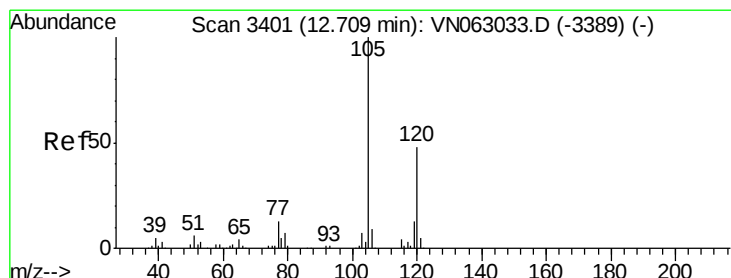
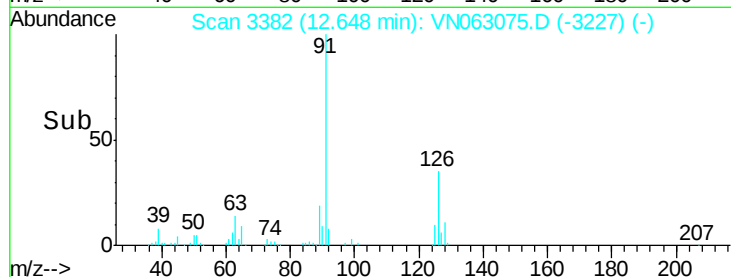
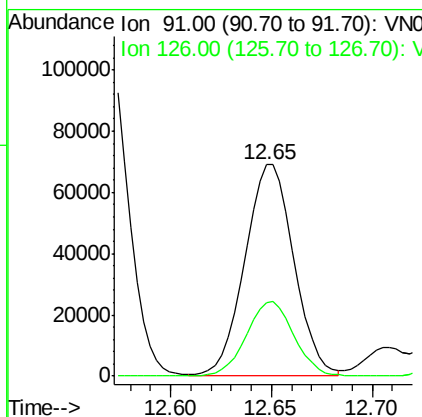
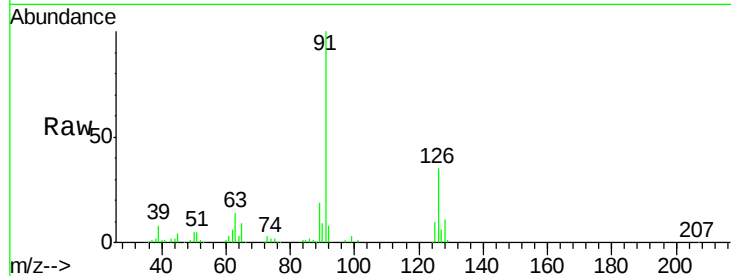
#75
 2-Chlorotoluene
 Concen: 18.870 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.2	0.0	68.0

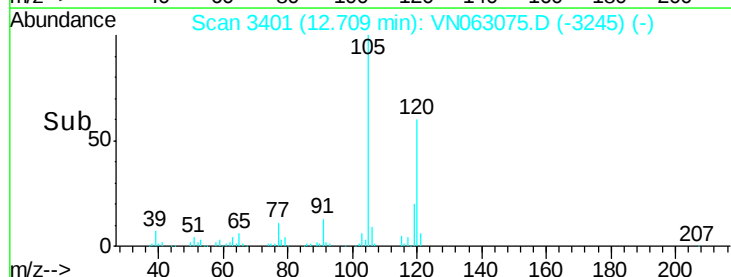
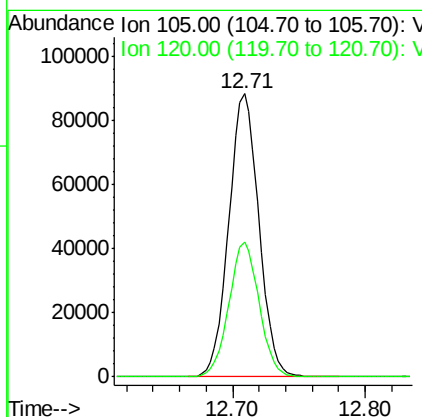
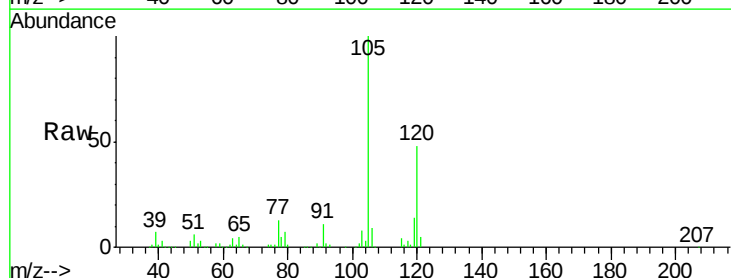
Manual Integrations
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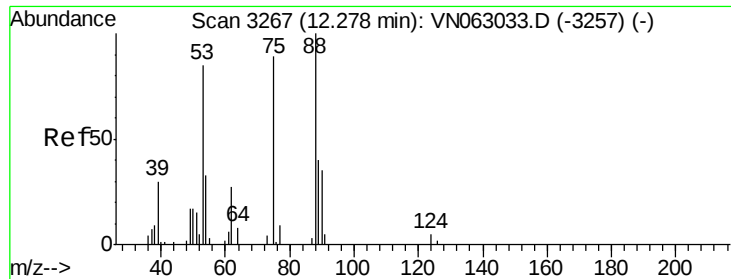
sam
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#76
 1,3,5-Trimethylbenzene
 Concen: 18.738 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	0.0	95.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.845 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Instrument :

MSVOA_N

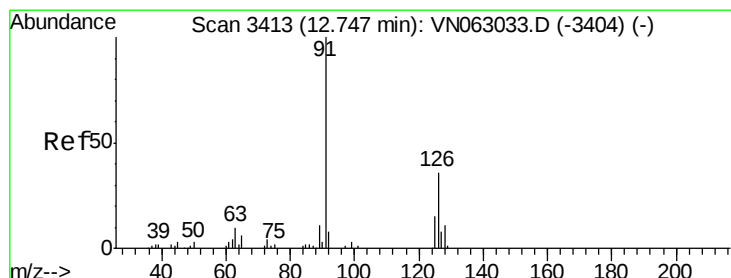
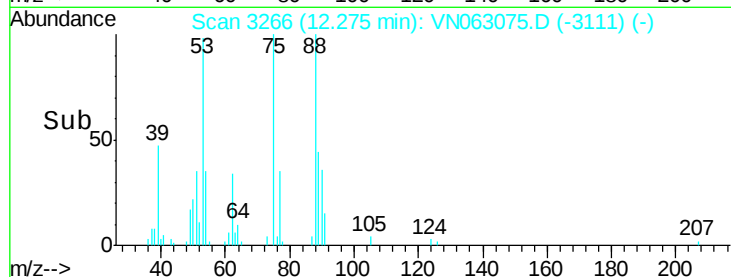
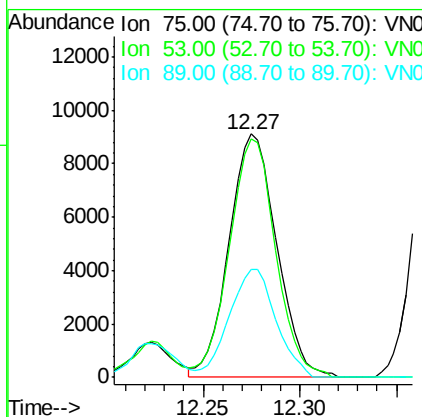
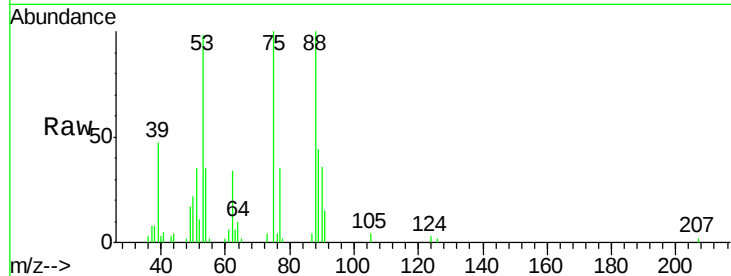
ClientSampleId :

VN0821WBS01

Tot Ion:	75	Resp:	15651
Ion	Ratio	Lower	Upper
75	100		
53	97.7	47.0	141.0
89	44.3	22.9	68.7

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#78

4-Chlorotoluene

Concen: 18.633 ug/l

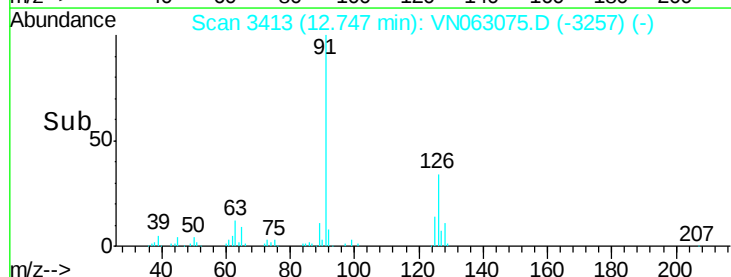
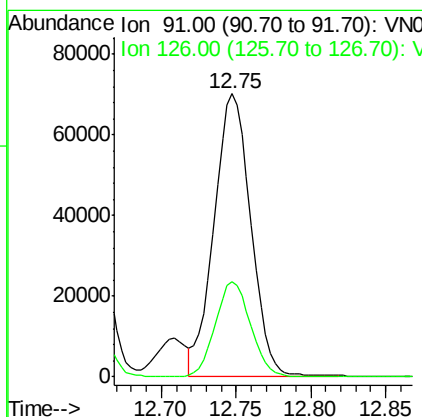
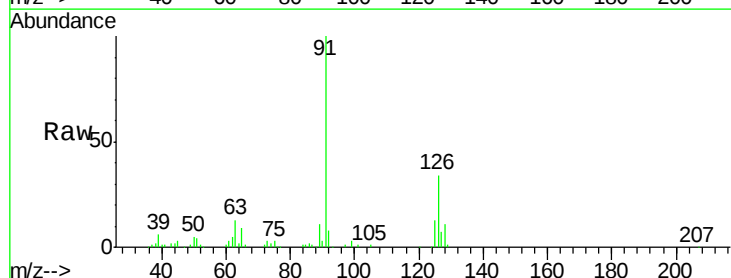
RT: 12.75 min Scan# 3413

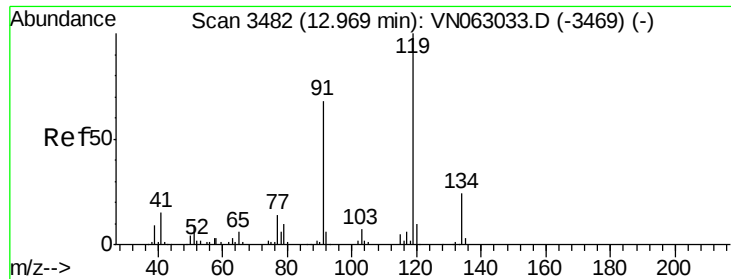
Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Tgt Ion:	91	Resp:	119780
Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	65.0





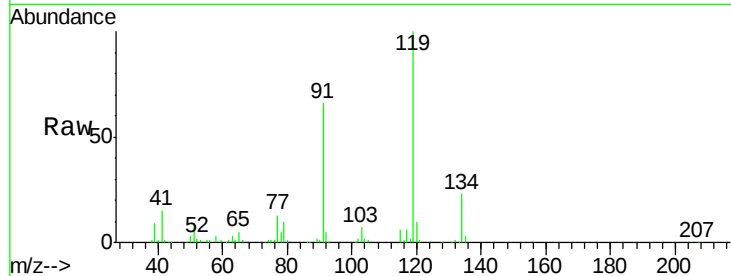
#79
tert-butylbenzene
Concen: 18.392 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

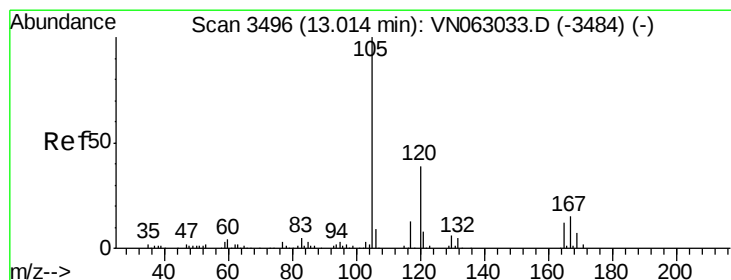
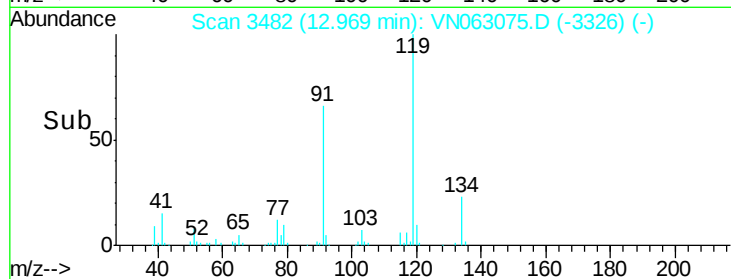
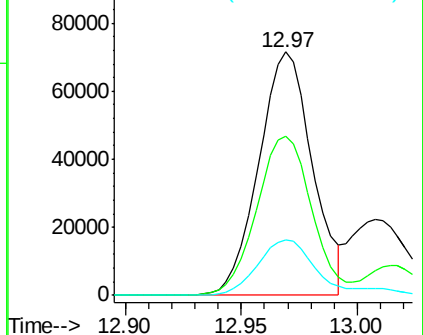
Tot Ion	Ratio	Resp	Lower	Upper
119	100	115172		
91	67.4	0.0	136.8	
134	23.9	0.0	48.8	

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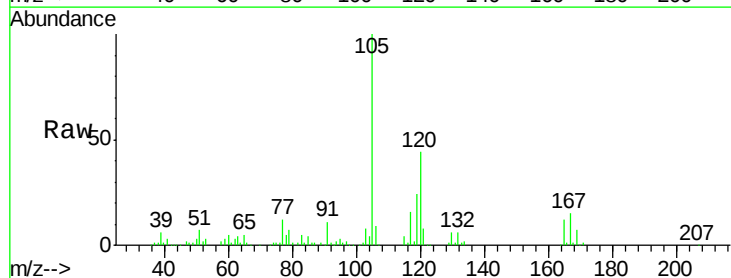


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

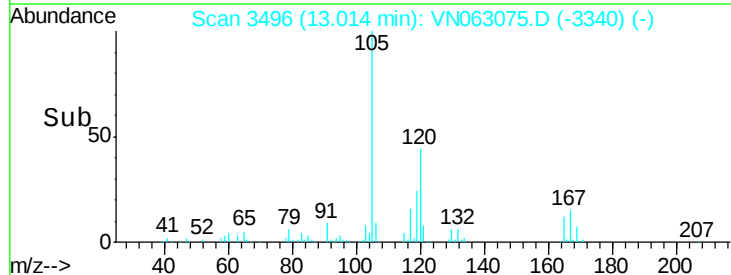
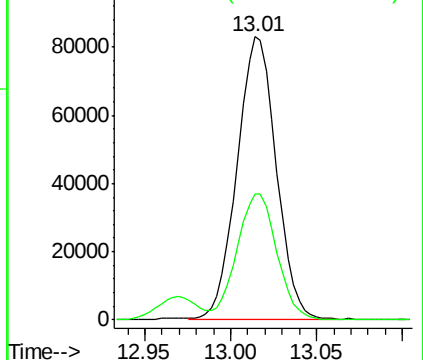


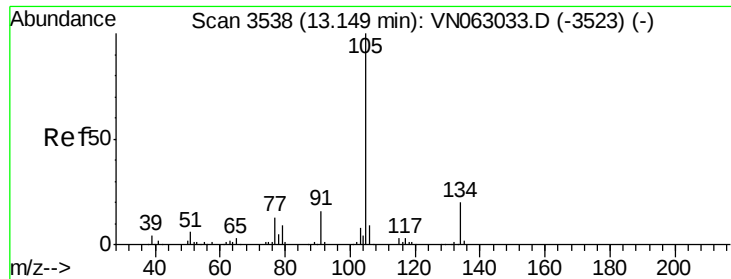
#80
1,2,4-Trimethylbenzene
Concen: 18.001 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	130412		
120	45.4	0.0	90.4	



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





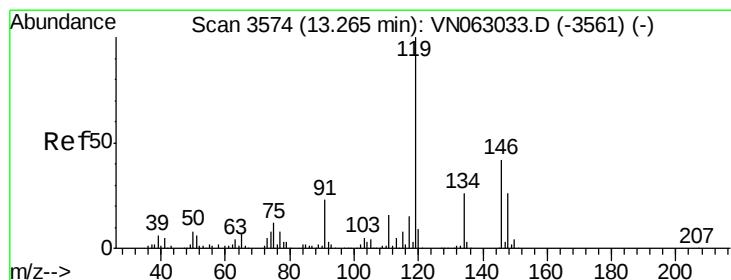
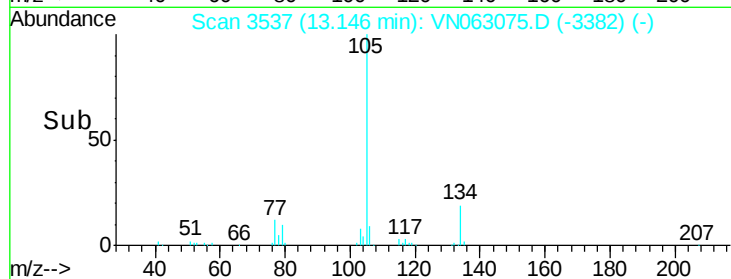
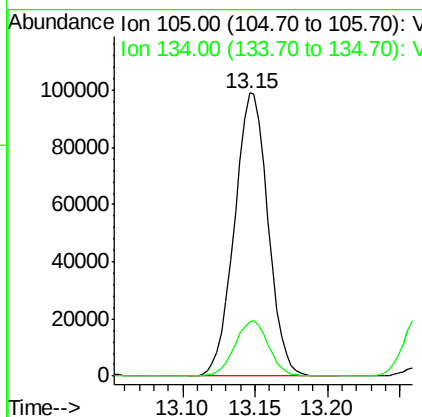
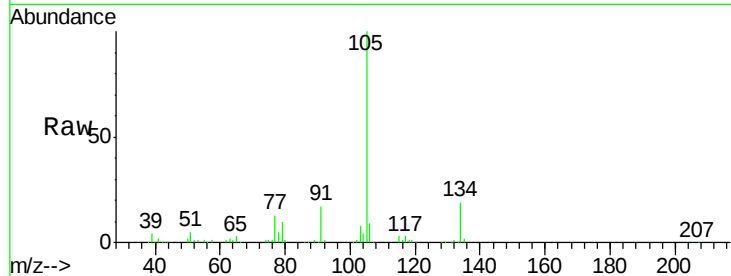
#81
 sec-Butylbenzene
 Concen: 18.423 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampled :
 VN0821WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	158918		
134	19.5	0.0	39.4	

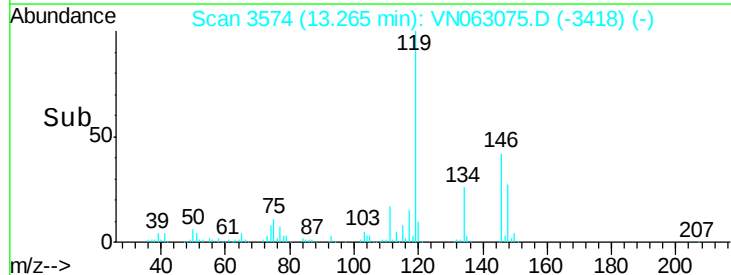
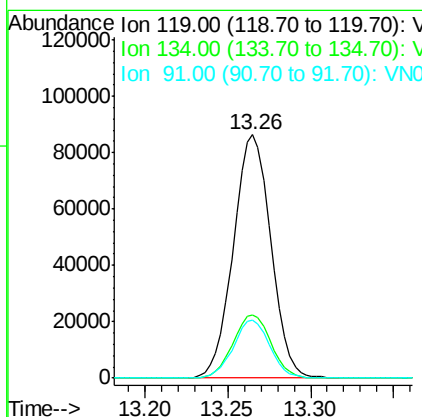
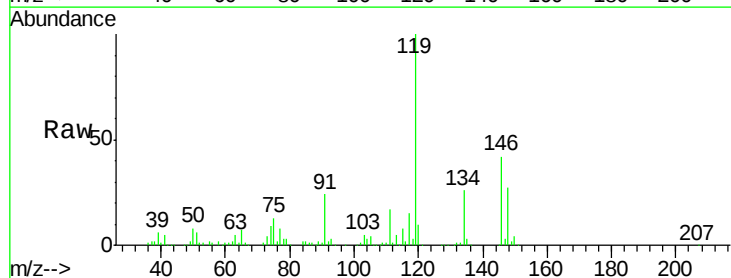
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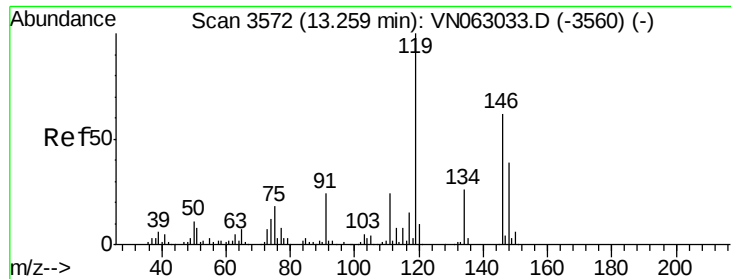
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#82
 p-Isopropyltoluene
 Concen: 17.803 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	136142		
134	26.3	0.0	52.2	
91	23.3	0.0	46.2	





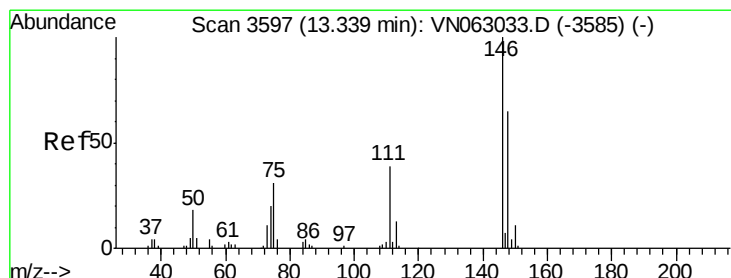
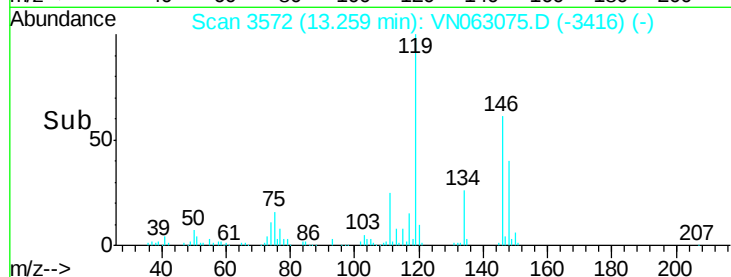
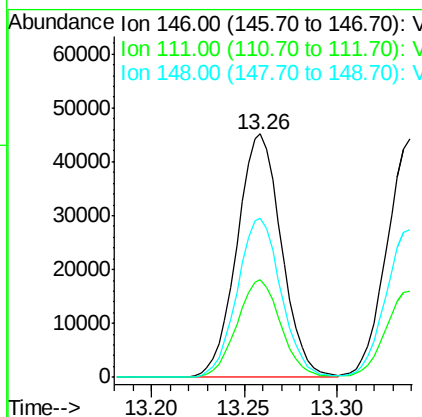
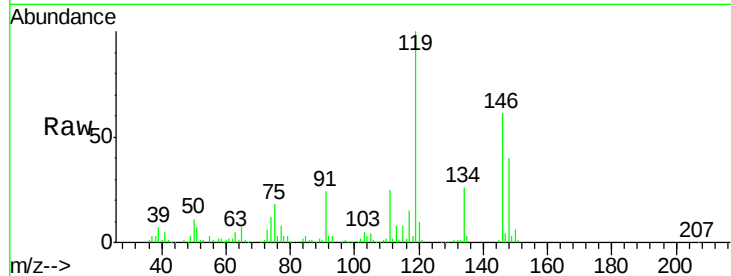
#83
 1,3-Dichlorobenzene
 Concen: 18.388 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.1
148	64.4	31.5	94.5

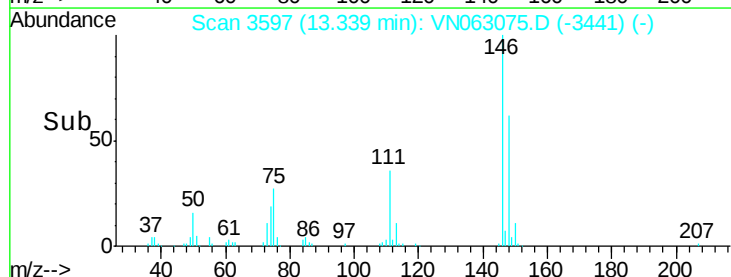
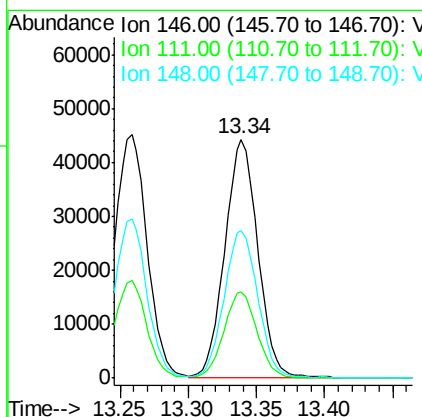
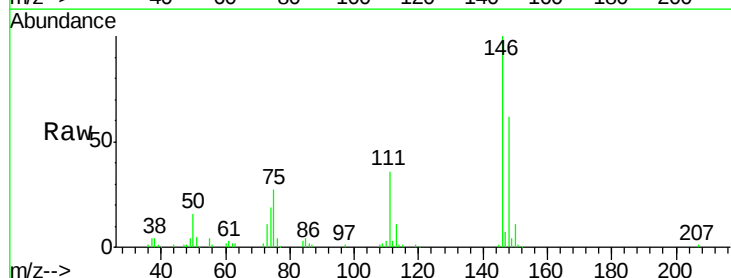
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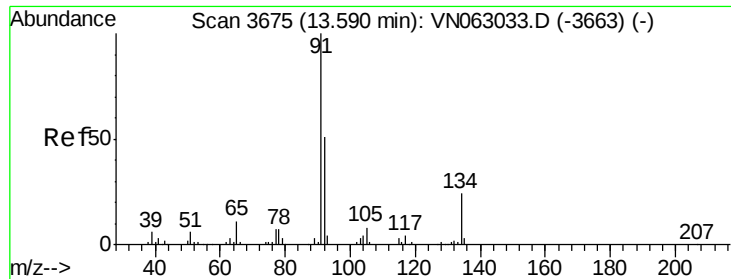
sam
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#84
 1,4-Dichlorobenzene
 Concen: 18.408 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.8
148	63.9	31.6	94.8





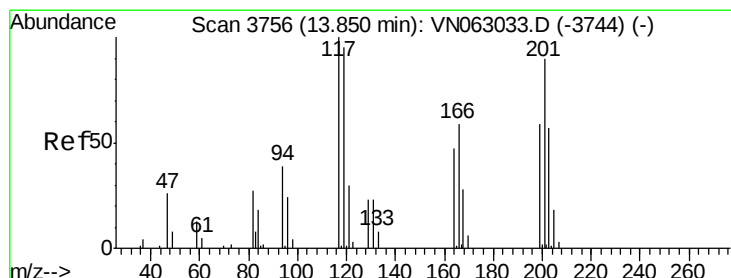
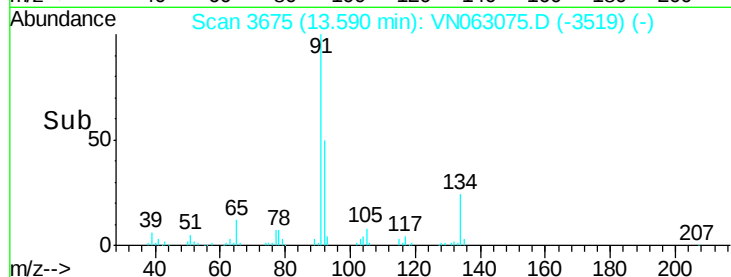
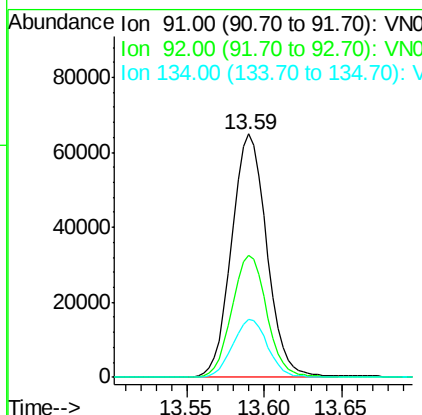
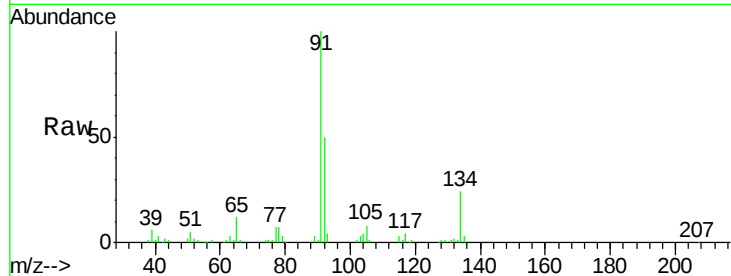
#85
n-Butylbenzene
Concen: 16.135 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	49.9	0.0	100.6	
134	23.7	0.0	47.4	

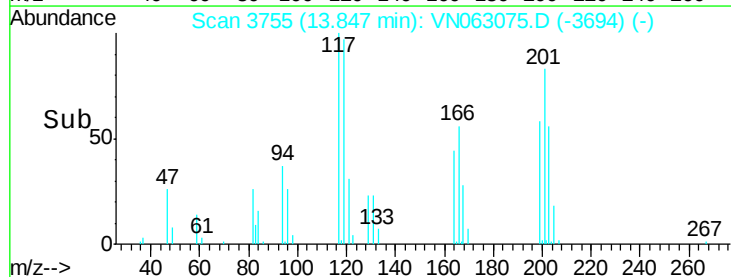
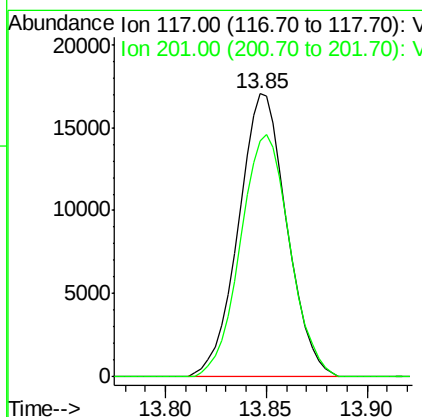
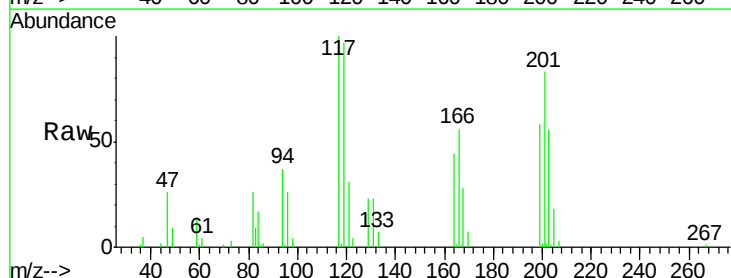
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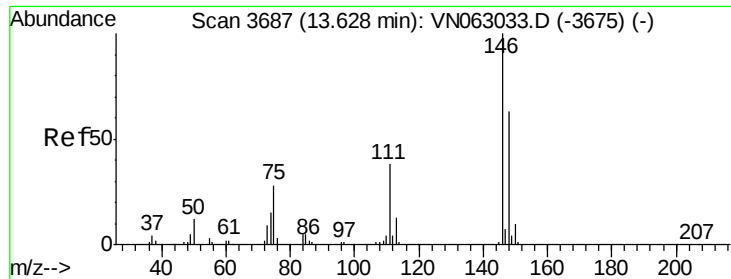
sam
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#86
Hexachloroethane
Concen: 18.987 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.2	46.1	138.3	





#87

1,2-Dichlorobenzene

Concen: 18.382 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Instrument :

MSVOA_N

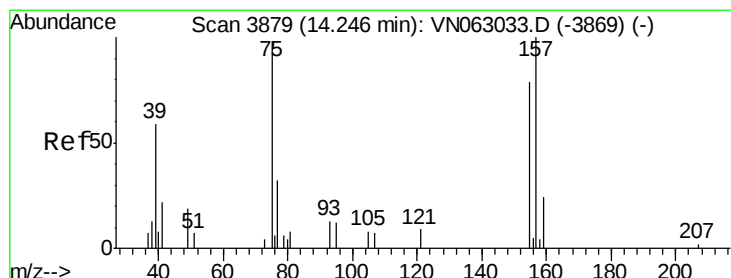
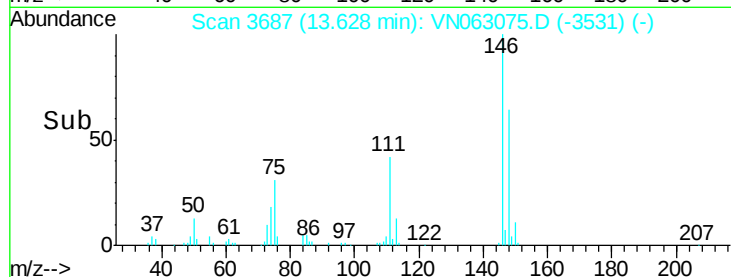
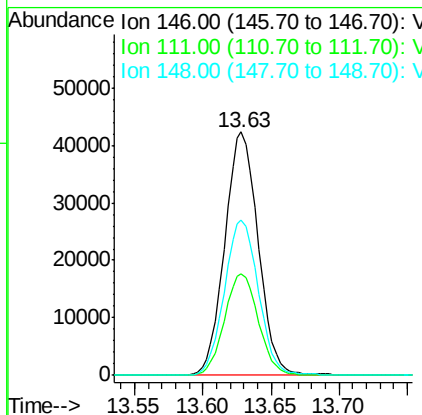
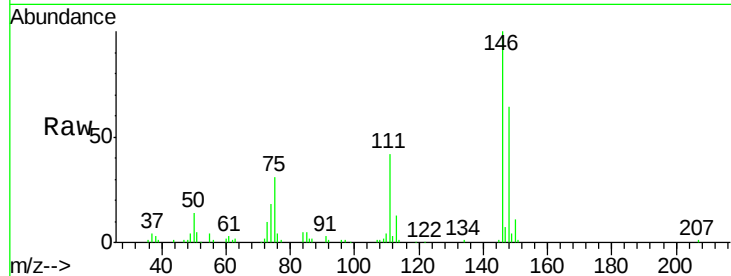
ClientSampleId :

VN0821WBS01

Tot Ion:	146	Resp:	72290
Ion Ratio	Lower	Upper	
146	100		
111	41.9	19.1	57.3
148	64.9	31.8	95.4

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.924 ug/l

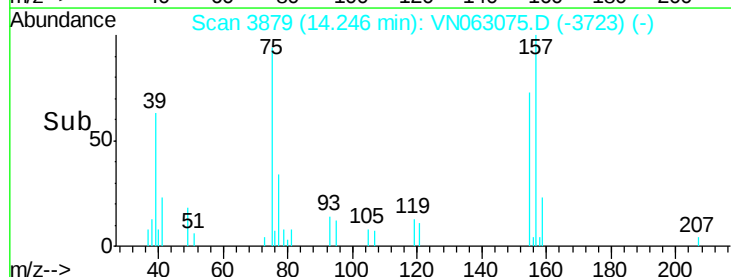
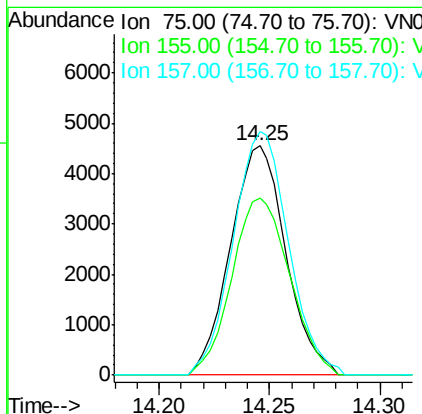
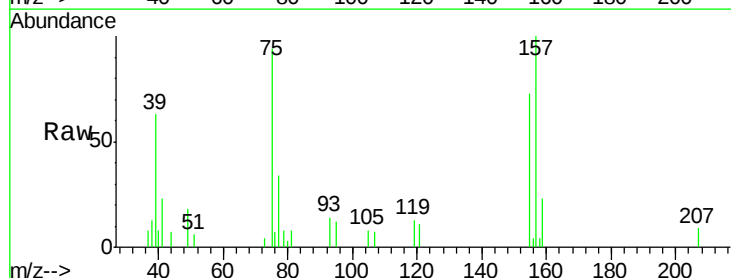
RT: 14.25 min Scan# 3879

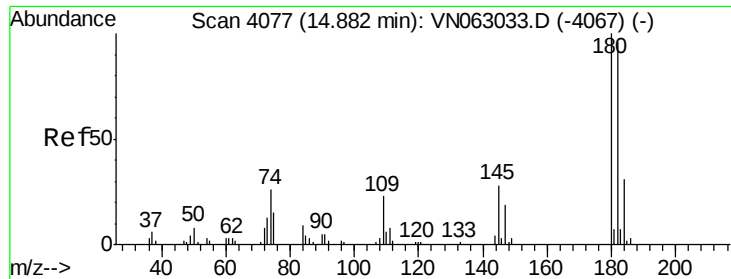
Delta R.T. 0.00 min

Lab File: VN063075.D

Acq: 21 Aug 2020 12:54

Tgt Ion:	75	Resp:	7951
Ion Ratio	Lower	Upper	
75	100		
155	80.7	64.8	97.2
157	106.2	81.2	121.8





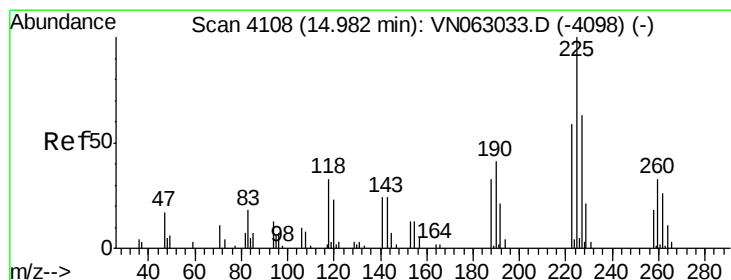
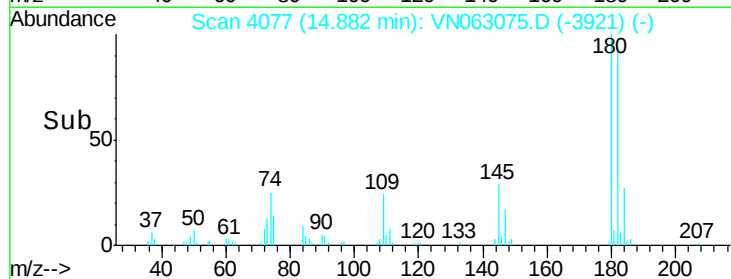
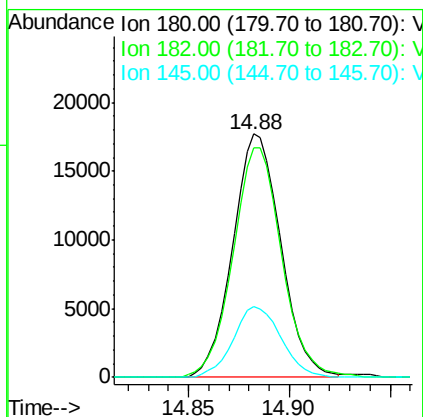
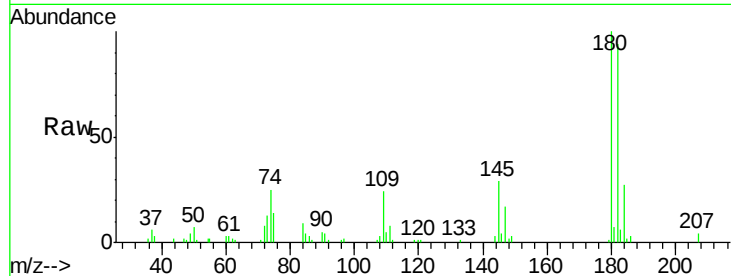
#89
 1,2,4-Trichlorobenzene
 Concen: 15.204 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.9	115.3
145	29.0	21.9	32.9

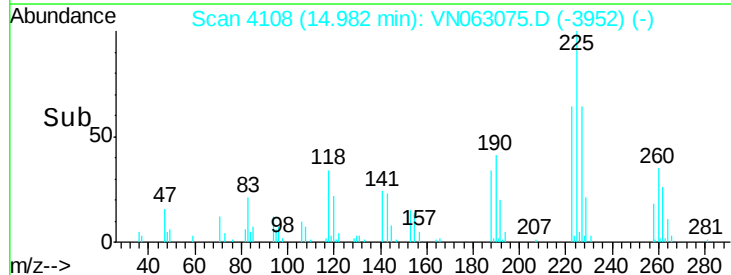
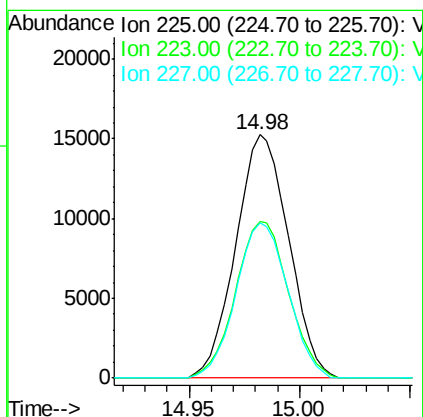
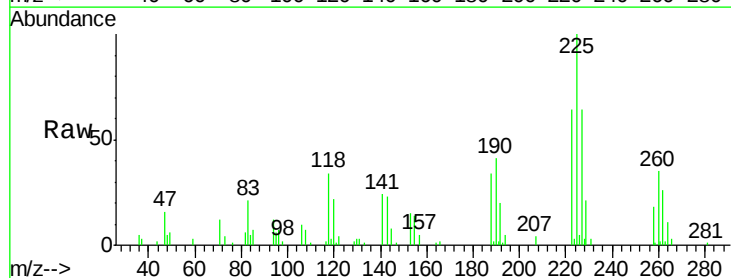
Manual Integrations
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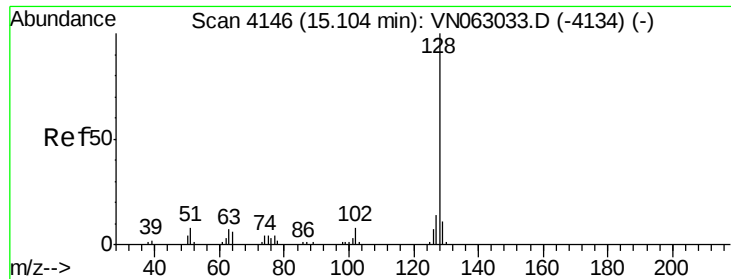
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#90
 Hexachlorobutadiene
 Concen: 17.642 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN063075.D
 Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	0.0	122.8
227	62.5	0.0	125.6





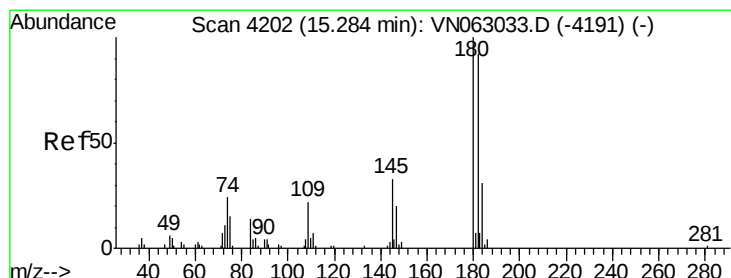
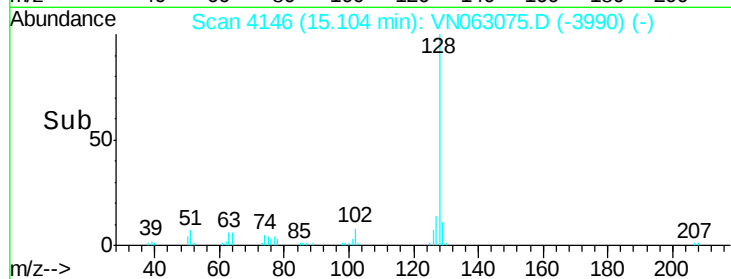
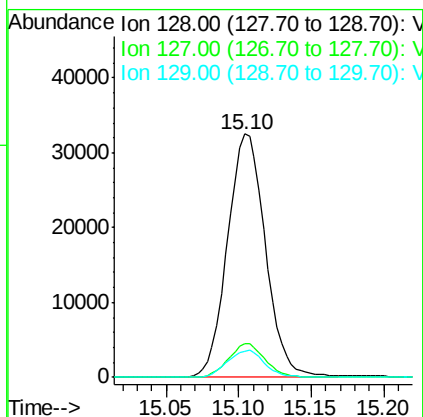
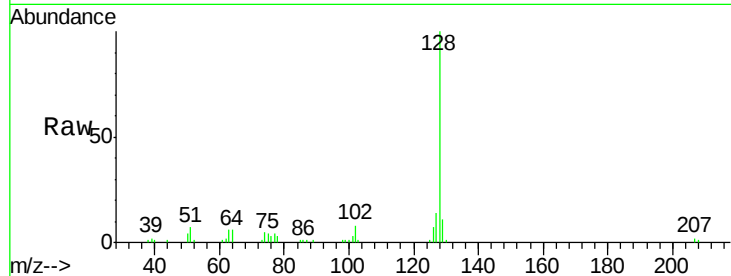
#91
Naphthalene
Concen: 13.775 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	11.1	16.7
129	10.7	8.4	12.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 15.475 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063075.D
Acq: 21 Aug 2020 12:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	0.0	188.0
145	30.2	0.0	62.0

