

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062978.D
 Acq On : 17 Aug 2020 19:07
 Operator : JC/MD
 Sample : VN0817MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:13:03 AM

Quant Time: Aug 18 07:01:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	370415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	345487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169911	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	130885	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
35) Dibromofluoromethane	7.55	113	115542	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
50) Toluene-d8	10.06	98	457466	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.38	95	158856	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	59033	19.386	ug/l	99
3) Chloromethane	2.03	50	54477	19.860	ug/l	99
4) Vinyl Chloride	2.16	62	83237	24.028	ug/l	100
5) Bromomethane	2.52	94	48680	19.828	ug/l	98
6) Chloroethane	2.66	64	47822	20.270	ug/l	94
7) Trichlorofluoromethane	2.98	101	98946	20.505	ug/l	97
8) Diethyl Ether	3.37	74	25814	17.452	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	39026	16.934	ug/l	98
10) Methyl Iodide	3.91	142	49975	17.010	ug/l	100
11) Tert butyl alcohol	4.74	59	43259	93.829	ug/l	100
12) 1,1-Dichloroethene	3.69	96	36701	16.776	ug/l	95
13) Acrolein	3.57	56	17386	62.855	ug/l	98
14) Allyl chloride	4.27	41	57696	17.080	ug/l	99
15) Acrylonitrile	4.93	53	115633	95.105	ug/l	99
16) Acetone	3.78	43	88960	85.160	ug/l	98
17) Carbon Disulfide	4.01	76	97975	15.606	ug/l	99
18) Methyl Acetate	4.28	43	51638	22.882	ug/l	93
19) Methyl tert-butyl Ether	4.99	73	138129	19.328	ug/l	99
20) Methylene Chloride	4.50	84	46840	18.938	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	40634	17.732	ug/l	98
22) Diisopropyl ether	5.90	45	137870	18.888	ug/l	96
23) Vinyl Acetate	5.85	43	454426	88.323	ug/l	99
24) 1,1-Dichloroethane	5.80	63	77849	18.241	ug/l	99
25) 2-Butanone	6.79	43	140335	93.212	ug/l	100
26) 2,2-Dichloropropane	6.78	77	64209	18.201	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	48516	17.845	ug/l	97
28) Bromochloromethane	7.15	49	43877	21.327	ug/l	99
29) Tetrahydrofuran	7.17	42	94455	115.617	ug/l	99
30) Chloroform	7.33	83	82332	18.500	ug/l	99
31) Cyclohexane	7.62	56	74445	17.889	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	68292	18.488	ug/l	99
36) 1,1-Dichloropropene	7.75	75	55699	17.529	ug/l	98
37) Ethyl Acetate	6.88	43	55031	18.958	ug/l	97
38) Carbon Tetrachloride	7.73	117	61130	18.209	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74792	17.737	ug/l	99
40) Benzene	8.00	78	181580	18.066	ug/l	99
41) Methacrylonitrile	7.12	41	23593	16.573	ug/l #	69
42) 1,2-Dichloroethane	8.09	62	61667	18.692	ug/l	98
43) Isopropyl Acetate	8.13	43	86475	18.750	ug/l	100
44) Trichloroethene	8.80	130	50638	18.687	ug/l	99
45) 1,2-Dichloropropane	9.08	63	51096	18.246	ug/l	99
46) Dibromomethane	9.17	93	33125	18.999	ug/l	96
47) Bromodichloromethane	9.37	83	67502	19.088	ug/l	99
48) Methyl methacrylate	9.17	41	42146	18.682	ug/l	98
49) 1,4-Dioxane	9.17	88	19849	416.008	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	299266	96.984	ug/l	100
52) Toluene	10.13	92	119197	18.772	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	71577	18.763	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	78267	19.008	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	51427	19.108	ug/l	98
56) Ethyl methacrylate	10.40	69	70719	19.426	ug/l	98
57) 1,3-Dichloropropane	10.68	76	80185	18.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	74744	105.721	ug/l	98
59) 2-Hexanone	10.72	43	216518	110.657	ug/l	100
60) Dibromochloromethane	10.88	129	55898	18.662	ug/l	98
61) 1,2-Dibromoethane	10.98	107	50702	18.454	ug/l	99
64) Tetrachloroethene	10.61	164	46590	19.661	ug/l	97
65) Chlorobenzene	11.41	112	132689	18.764	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	51003	18.570	ug/l	96
67) Ethyl Benzene	11.49	91	224699	18.861	ug/l	97
68) m/p-Xylenes	11.60	106	173032	38.463	ug/l	99
69) o-Xylene	11.92	106	82471	19.299	ug/l	100
70) Styrene	11.94	104	145226	19.594	ug/l	99
71) Bromoform	12.10	173	45844	19.969	ug/l #	99
73) Isopropylbenzene	12.23	105	227955	19.447	ug/l	99
74) N-amyl acetate	12.05	43	75418	18.742	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	75718	20.412	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	64346m	19.003	ug/l	
77) Bromobenzene	12.50	156	62154	18.391	ug/l	97
78) n-propylbenzene	12.57	91	248761	18.189	ug/l	99
79) 2-Chlorotoluene	12.65	91	158297	19.258	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	222023	22.511	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	23949	19.111	ug/l	98
82) 4-Chlorotoluene	12.75	91	183615	21.921	ug/l	98
83) tert-Butylbenzene	12.97	119	165624	19.474	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	197349	20.679	ug/l	97
85) sec-Butylbenzene	13.15	105	217509	19.432	ug/l	99
86) p-Isopropyltoluene	13.26	119	195372	19.615	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	106514	19.137	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	107505	18.742	ug/l	99
89) n-Butylbenzene	13.59	91	146599	18.121	ug/l	99
90) Hexachloroethane	13.85	117	37470	18.546	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	103213	19.188	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12251	19.215	ug/l	98

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VN0817MBS01

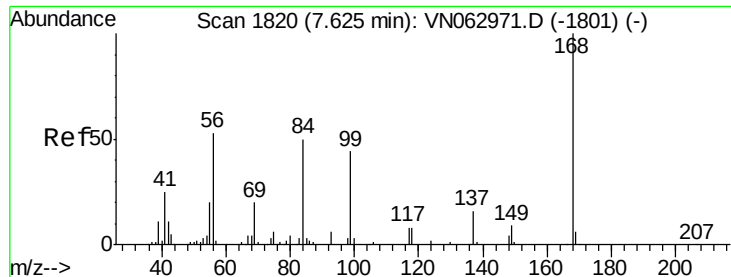
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	47226	18.390	ug/l	96
94) Hexachlorobutadiene	14.98	225	37921	18.263	ug/l	99
95) Naphthalene	15.10	128	102946	18.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46512	17.995	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

Tot Ion:168 Resp: 254682

Ion Ratio Lower Upper

168 100

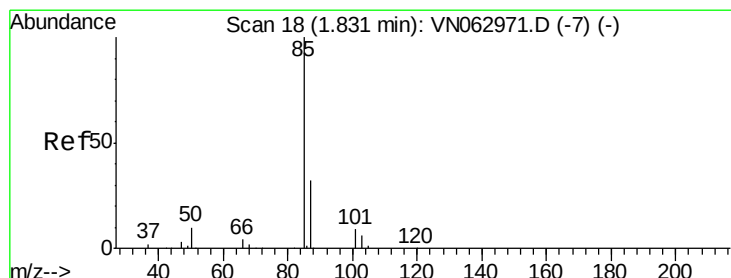
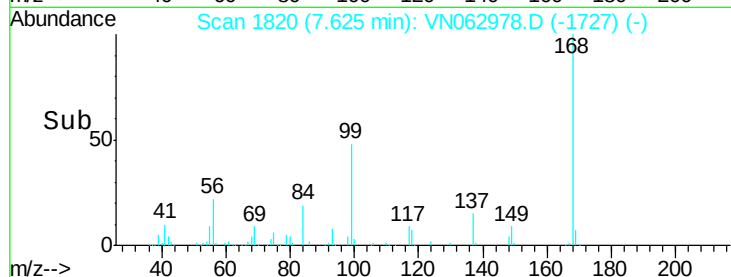
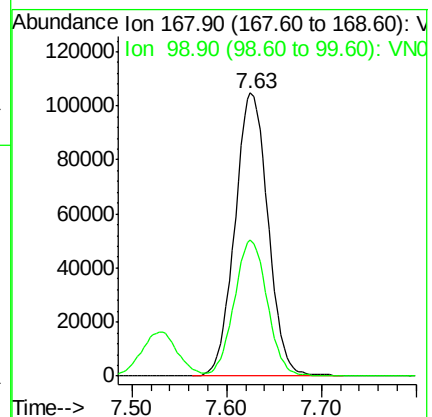
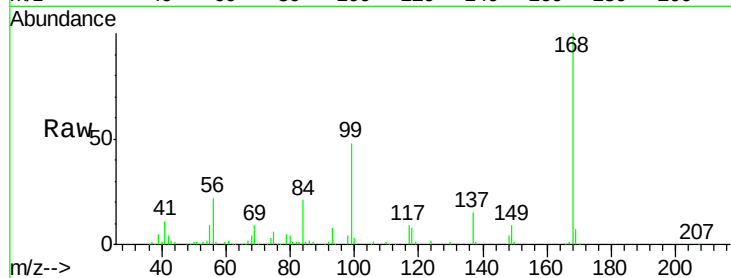
99 48.2 39.4 59.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.386 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062978.D

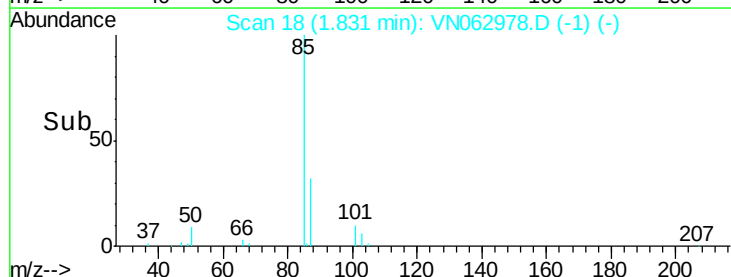
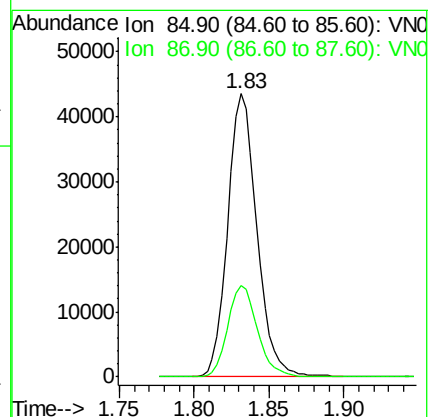
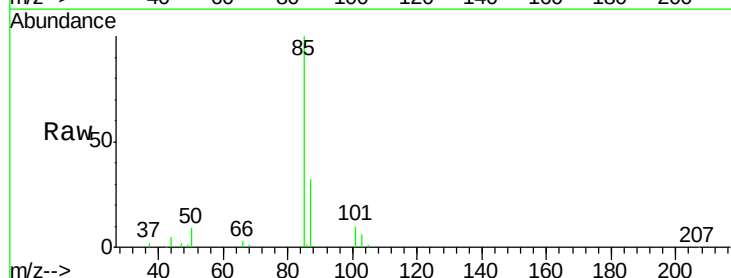
Acq: 17 Aug 2020 19:07

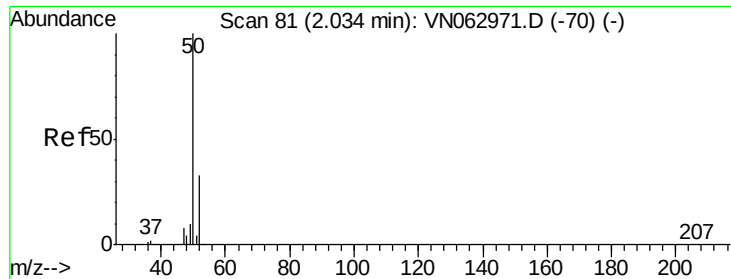
Tgt Ion: 85 Resp: 59033

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7





#3

Chloromethane

Concen: 19.860 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

Tot Ion: 50 Resp: 54477

Ion Ratio Lower Upper

50 100

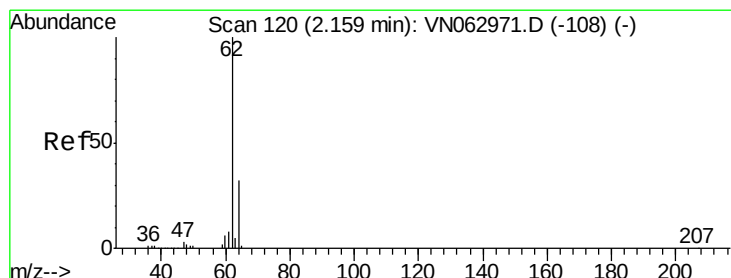
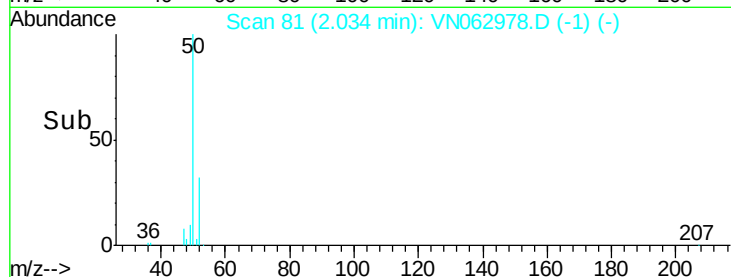
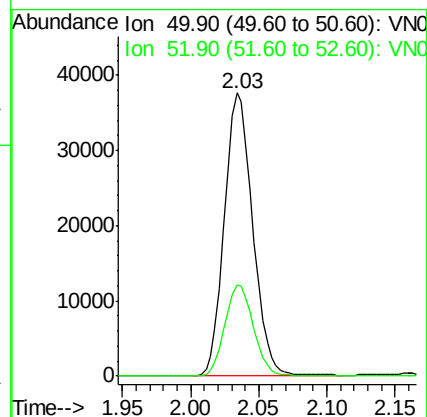
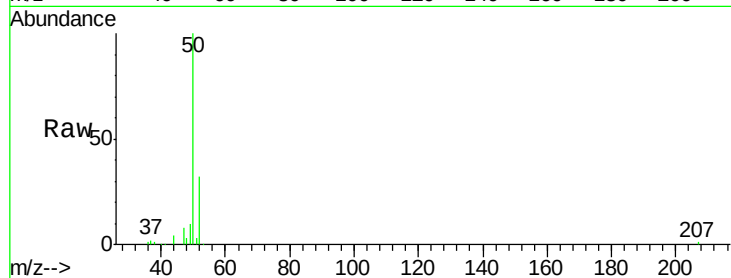
52 32.1 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 24.028 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062978.D

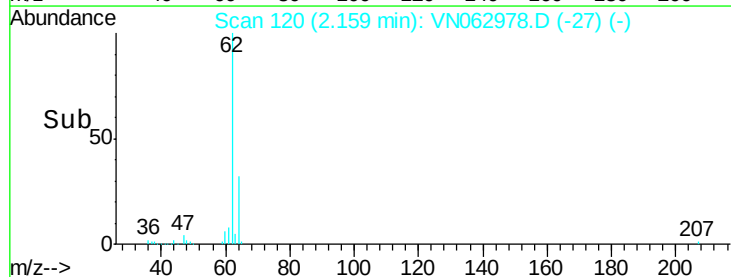
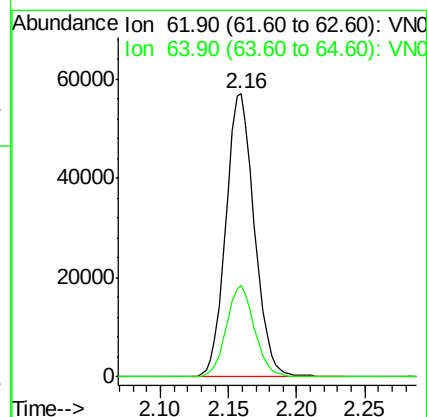
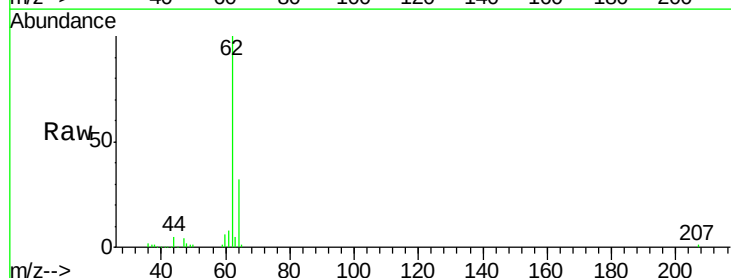
Acq: 17 Aug 2020 19:07

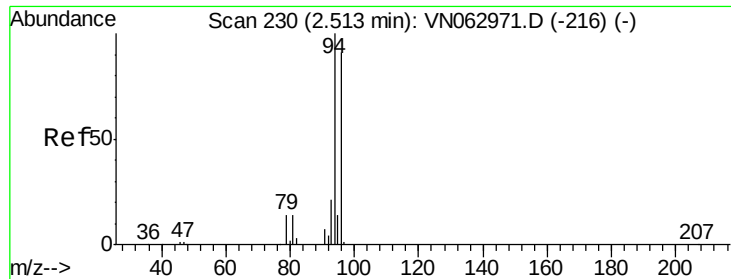
Tgt Ion: 62 Resp: 83237

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9





#5

Bromomethane

Concen: 19.828 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

Tot Ion: 94 Resp: 48680

Ion Ratio Lower Upper

94 100

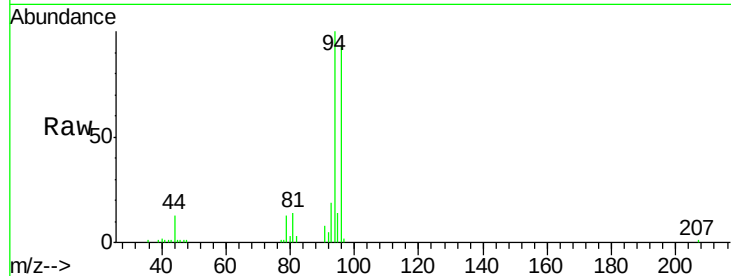
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Manual Integrations

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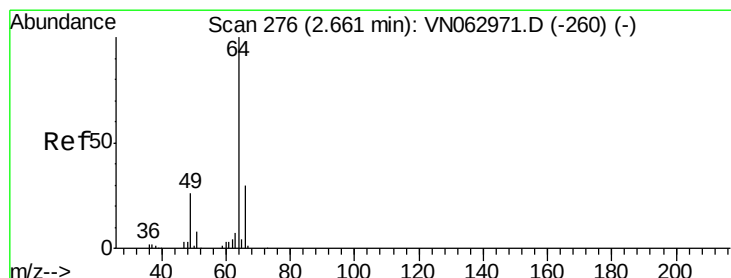
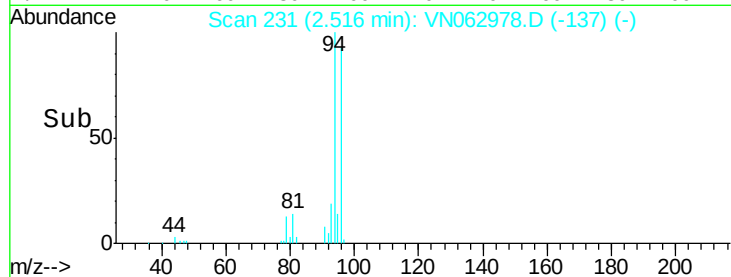
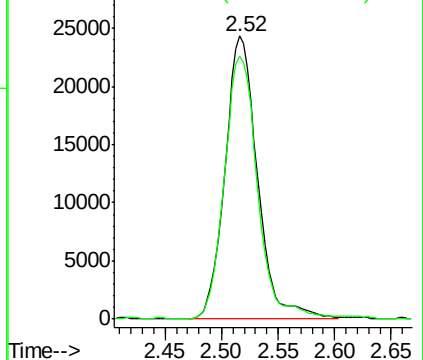
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.270 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062978.D

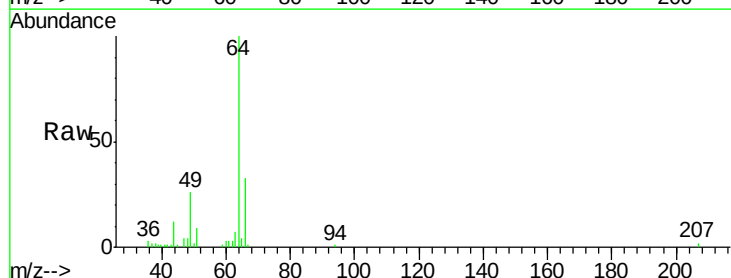
Acq: 17 Aug 2020 19:07

Tgt Ion: 64 Resp: 47822

Ion Ratio Lower Upper

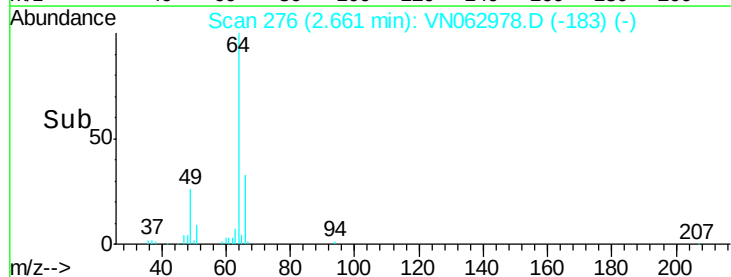
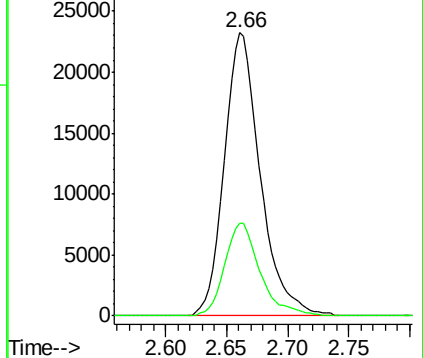
64 100

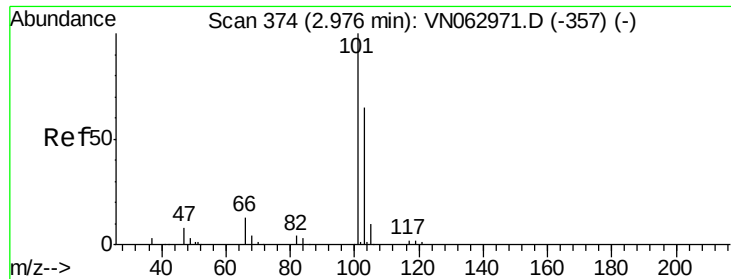
66 33.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

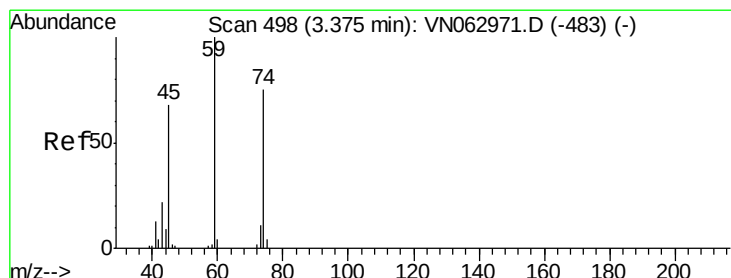
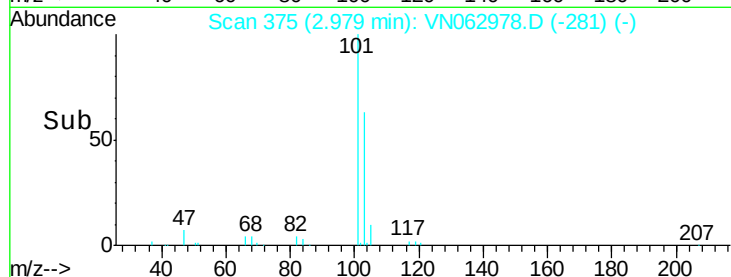
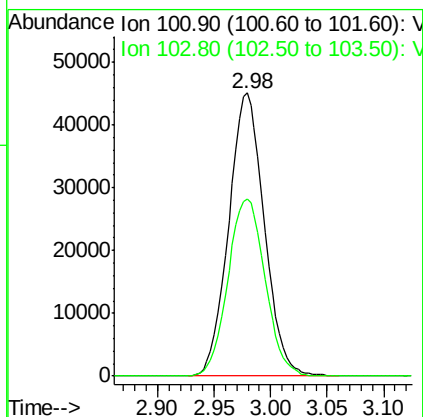
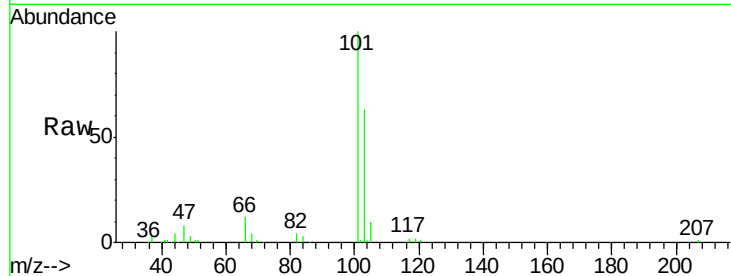
Trichlorofluoromethane
 Concen: 20.505 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
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 VN0817MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	52.2	78.4

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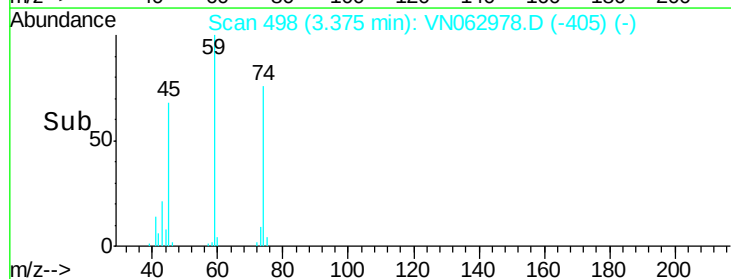
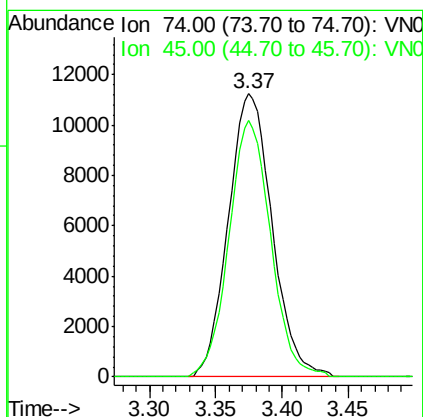
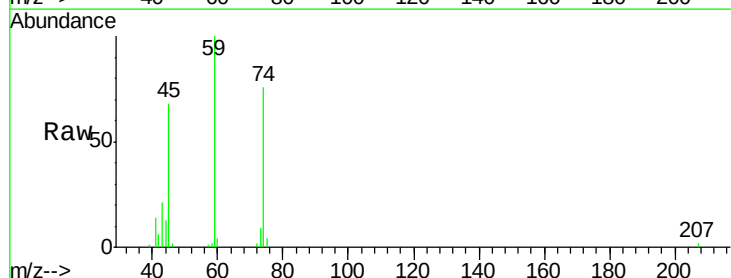
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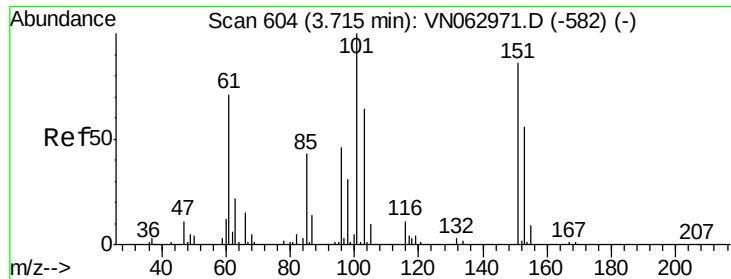


#8

Diethyl Ether
 Concen: 17.452 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.2	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.934 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

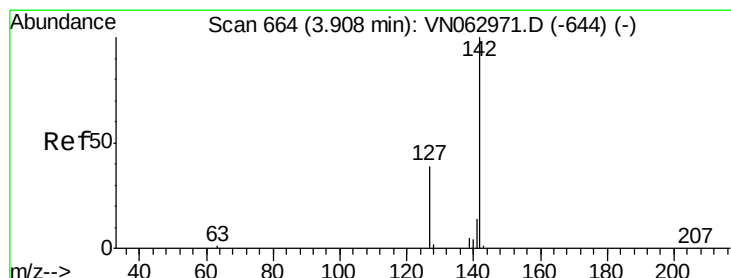
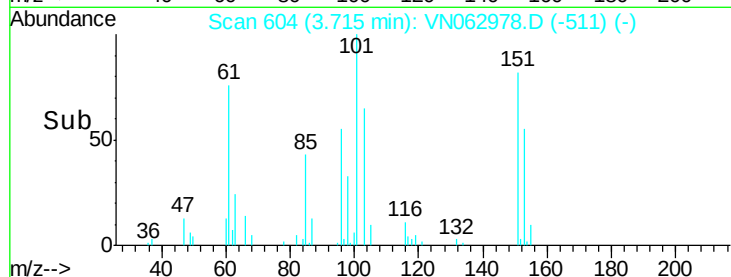
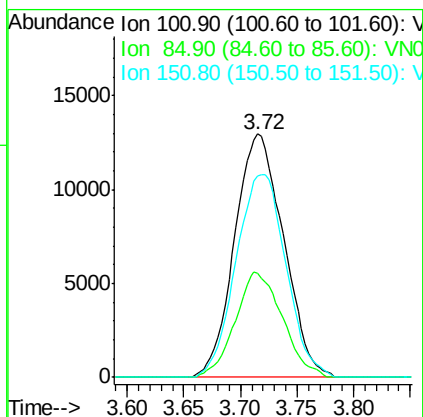
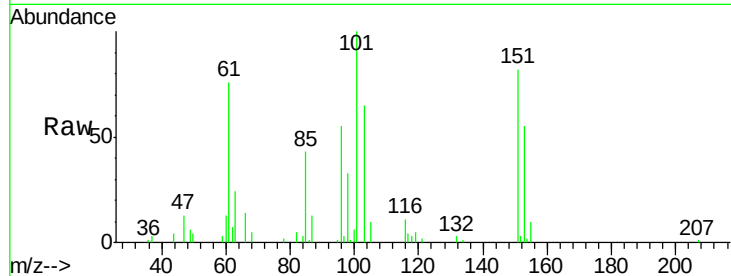
ClientSampleId :

VN0817MBS01

Tot Ion:	101	Resp:	39026
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.1	51.1
151	85.0	69.3	103.9

Manual Integrations
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#10

Methyl Iodide

Concen: 17.010 ug/l

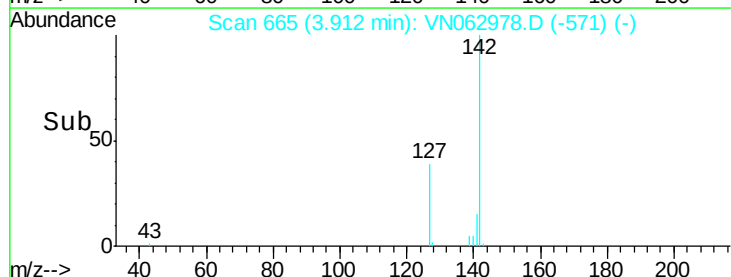
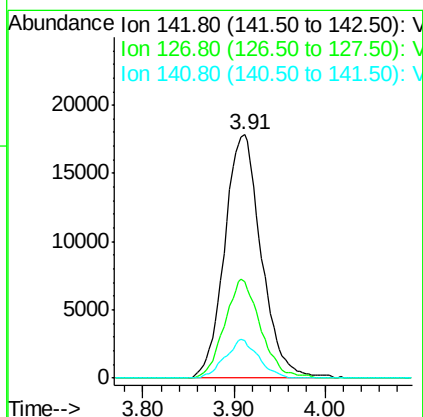
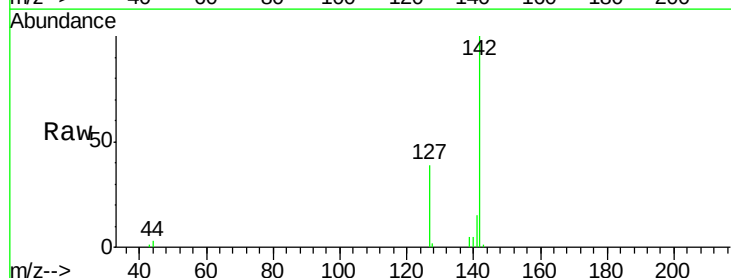
RT: 3.91 min Scan# 665

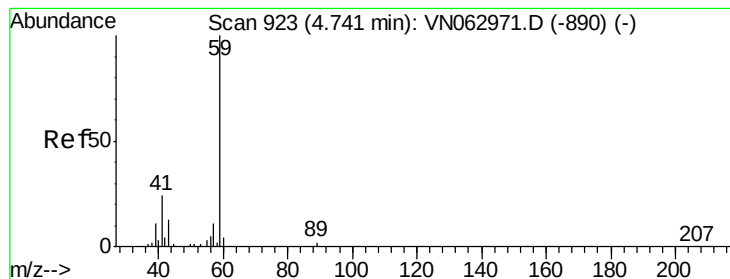
Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Tgt Ion:	142	Resp:	49975
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.9	47.9
141	14.4	11.4	17.2





#11

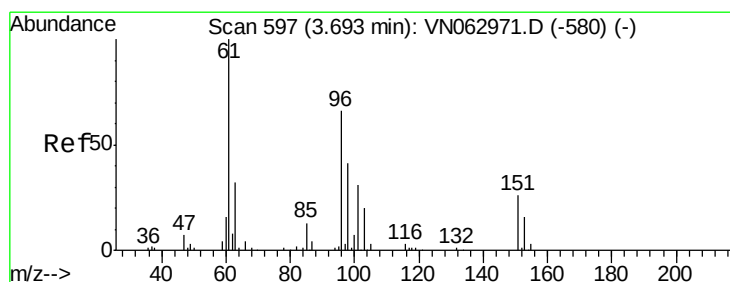
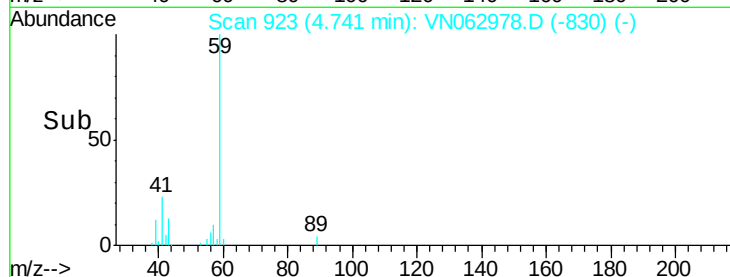
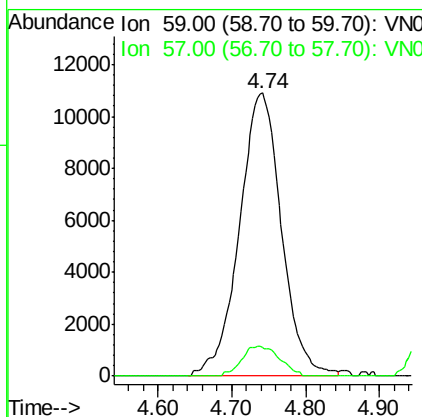
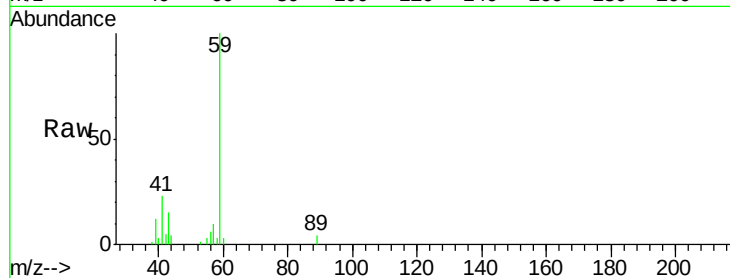
Tert butyl alcohol
Concen: 93.829 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.6	11.4

Manual Integrations
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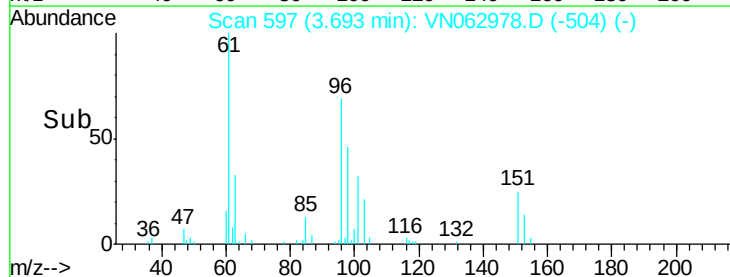
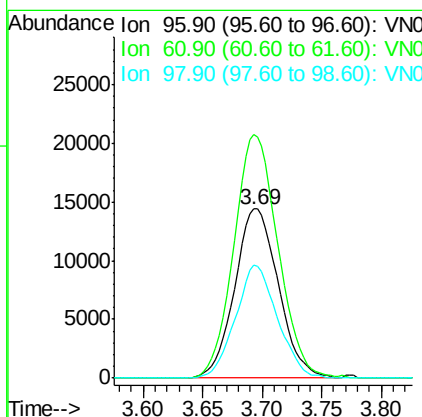
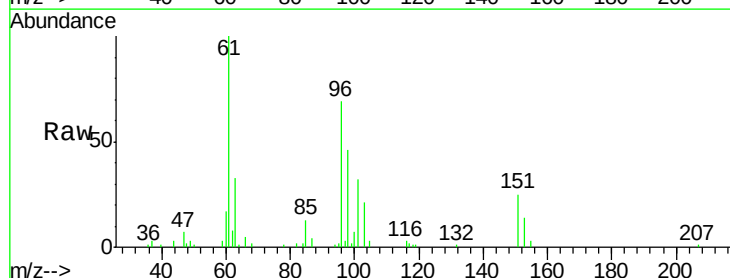
MMDadoda
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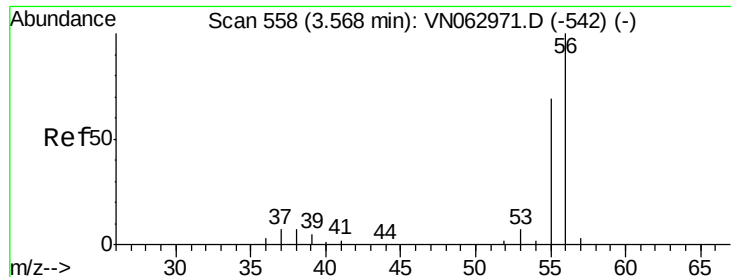


#12

1,1-Dichloroethene
Concen: 16.776 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.9	120.4	180.6
98	66.8	49.8	74.6





#13

Acrolein

Concen: 62.855 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

Tot Ion: 56 Resp: 17386

Ion Ratio Lower Upper

56 100

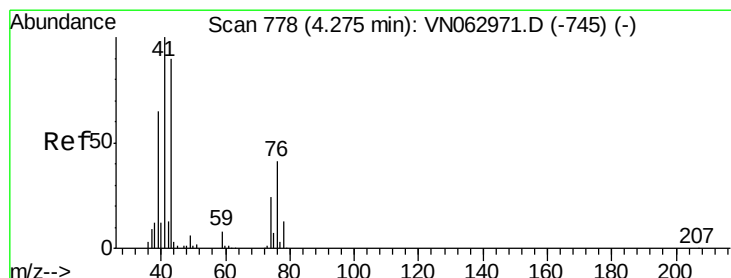
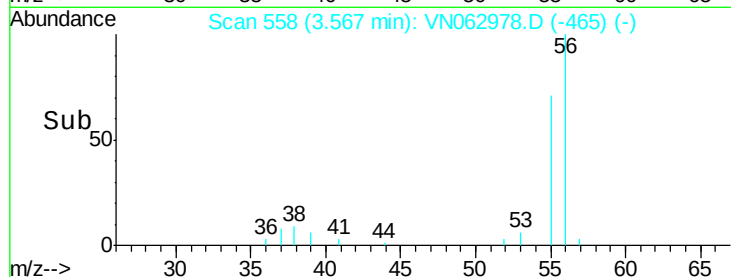
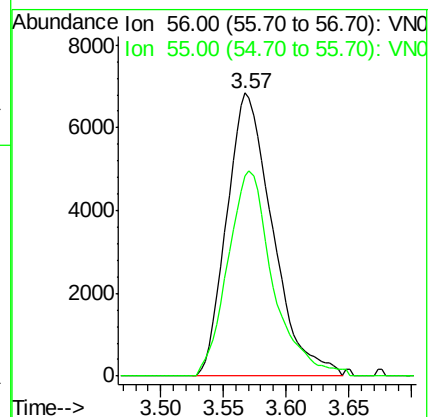
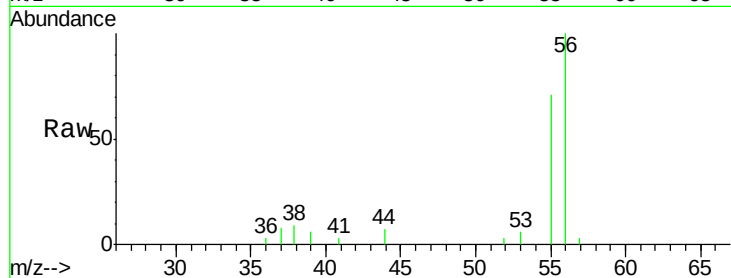
55 71.3 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 17.080 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

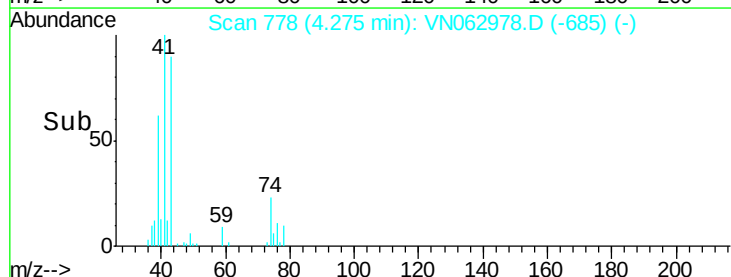
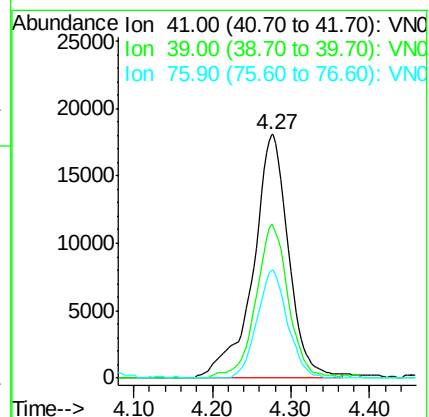
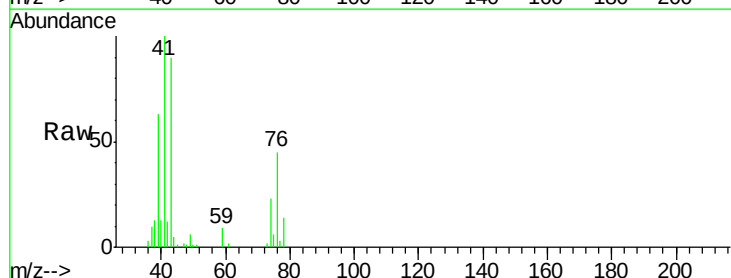
Tgt Ion: 41 Resp: 57696

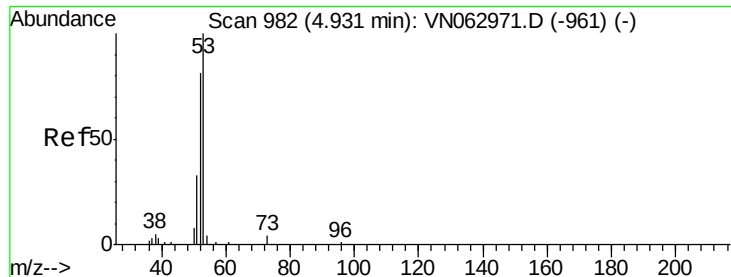
Ion Ratio Lower Upper

41 100

39 58.0 46.7 70.1

76 38.1 30.2 45.4





#15

Acrylonitrile

Concen: 95.105 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

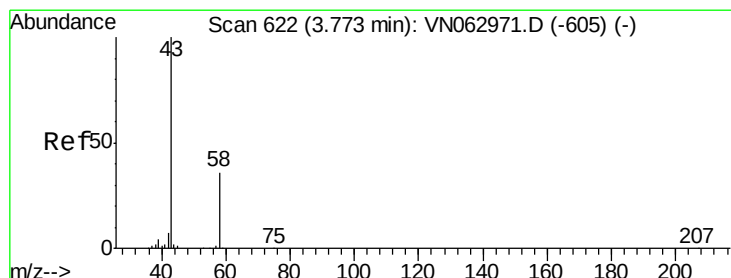
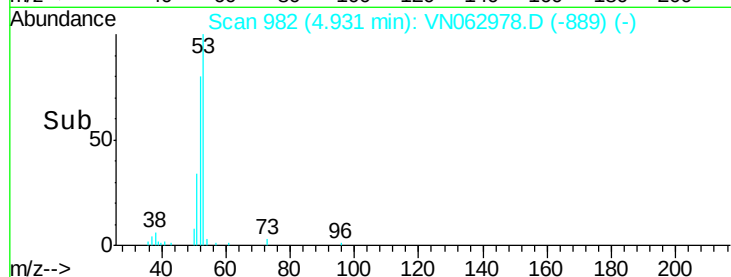
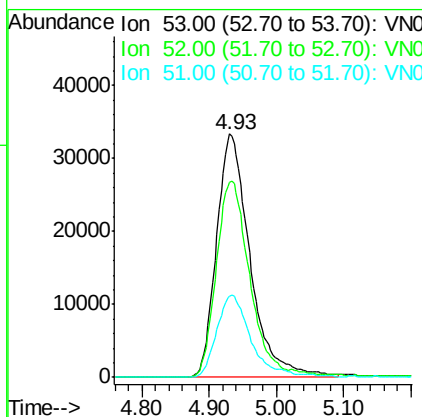
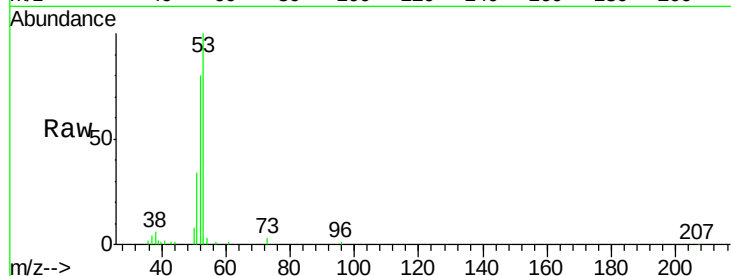
ClientSampleId :

VN0817MBS01

Tot Ion:	53	Resp:	115633
Ion Ratio		Lower	Upper
53	100		
52	79.6	65.0	97.6
51	34.1	27.4	41.2

Manual Integrations
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#16

Acetone

Concen: 85.160 ug/l

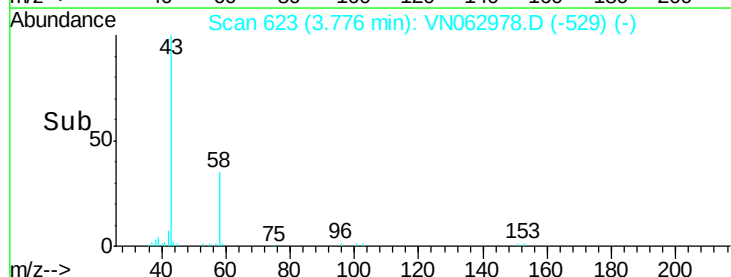
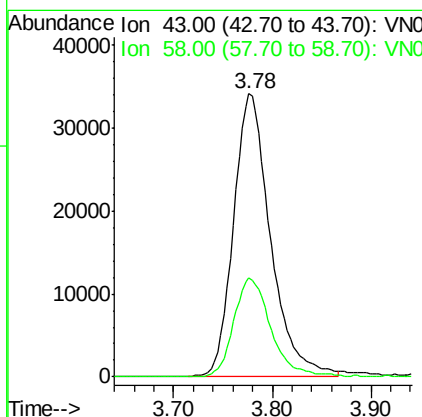
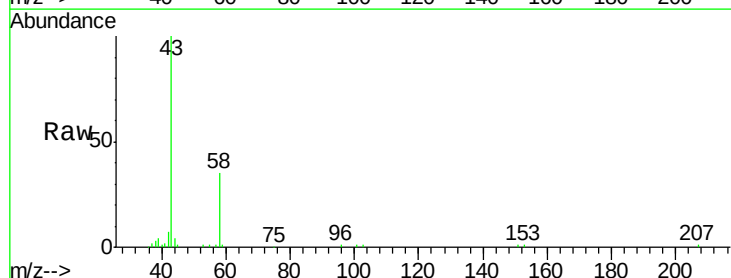
RT: 3.78 min Scan# 623

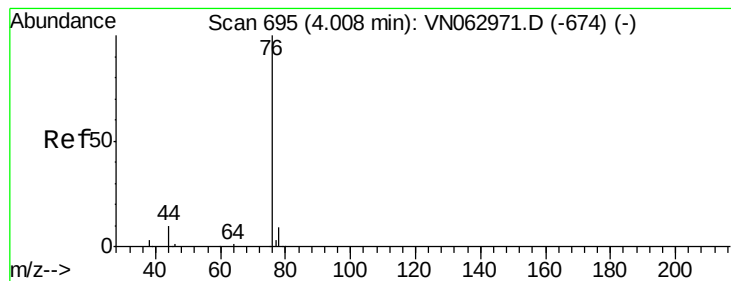
Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Tgt Ion:	43	Resp:	88960
Ion Ratio		Lower	Upper
43	100		
58	34.9	28.7	43.1





#17

Carbon Disulfide

Concen: 15.606 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

Tot Ion: 76 Resp: 97975

Ion Ratio Lower Upper

76 100

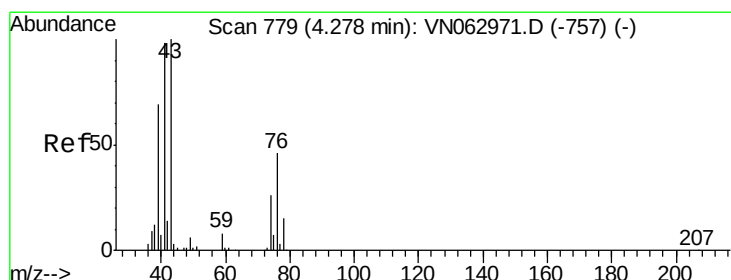
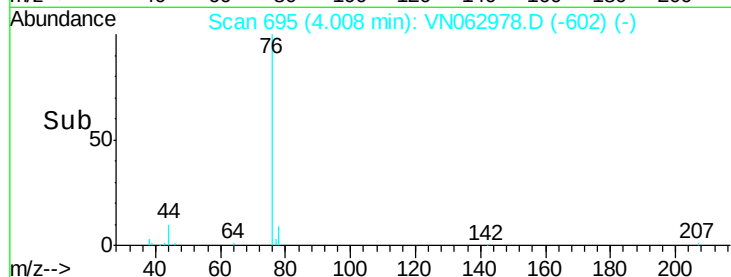
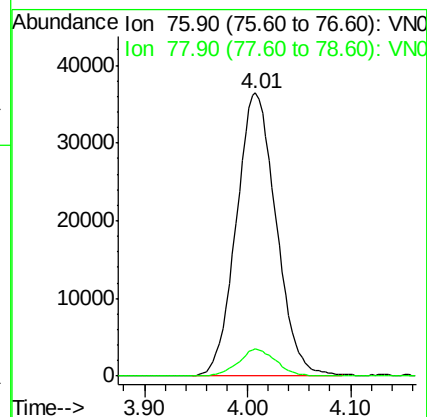
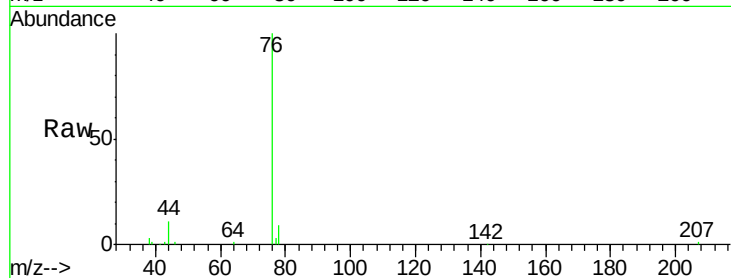
78 9.5 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 22.882 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062978.D

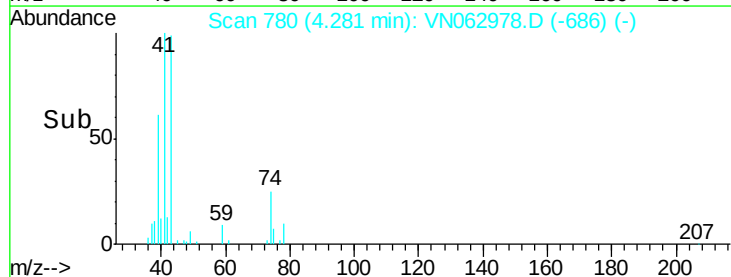
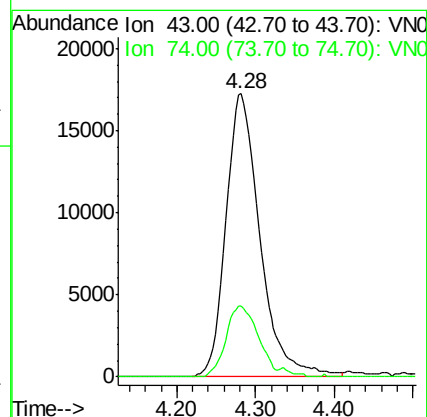
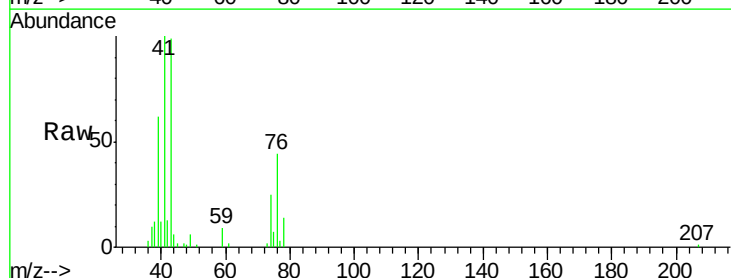
Acq: 17 Aug 2020 19:07

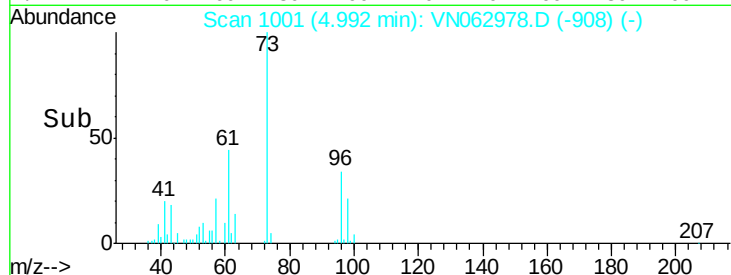
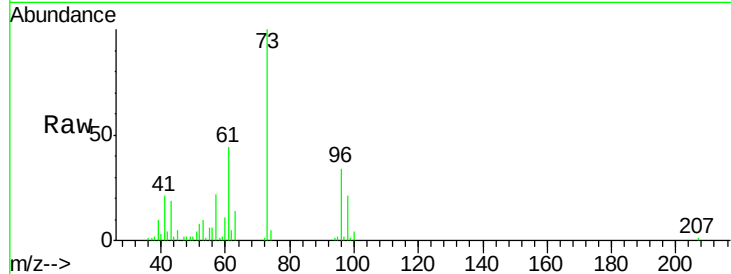
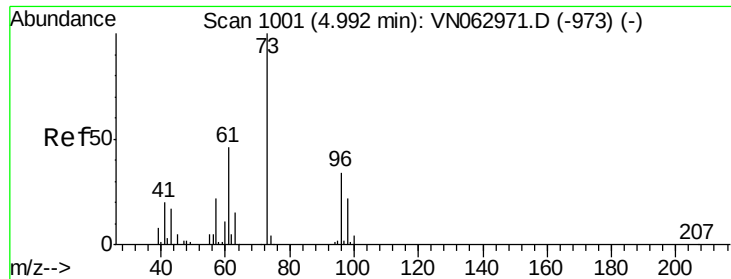
Tgt Ion: 43 Resp: 51638

Ion Ratio Lower Upper

43 100

74 23.5 21.6 32.4





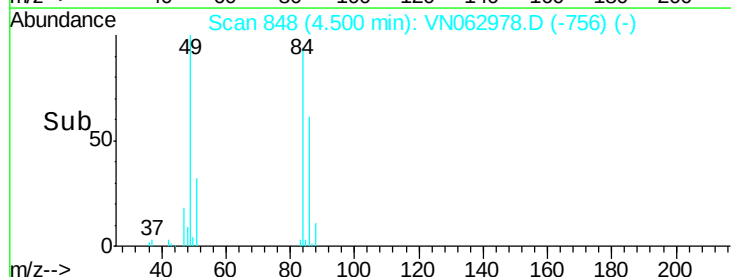
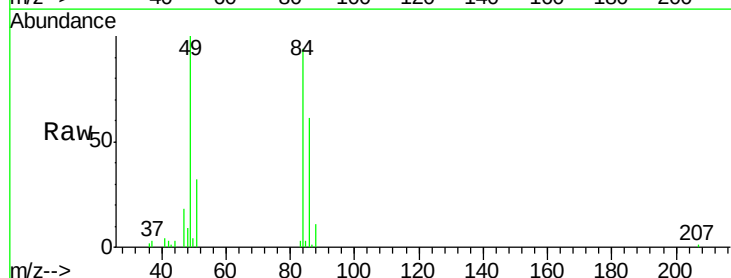
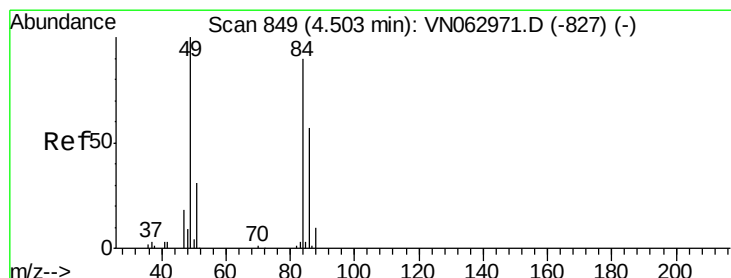
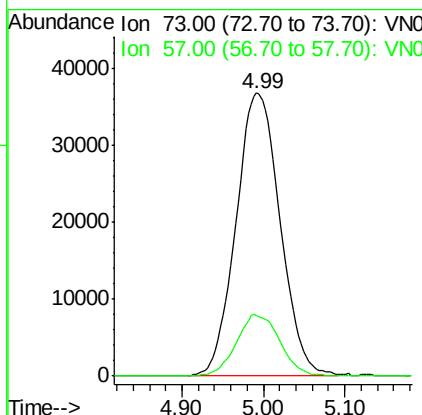
#19
Methyl tert-butyl Ether
Concen: 19.328 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tot Ion: 73 Resp: 138129
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

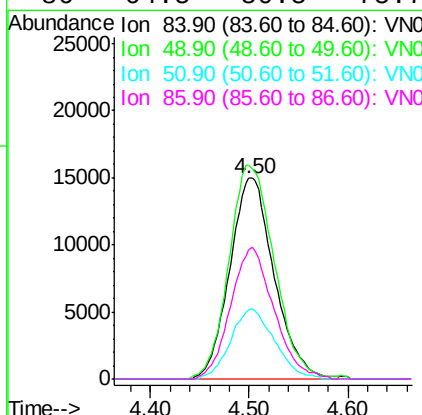
Manual Integrations
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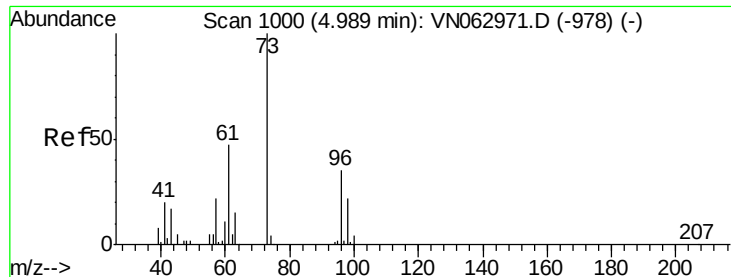
MMDadoda
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#20
Methylene Chloride
Concen: 18.938 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 84 Resp: 46840
Ion Ratio Lower Upper
84 100
49 106.4 88.8 133.2
51 34.3 27.1 40.7
86 64.5 50.5 75.7





#21

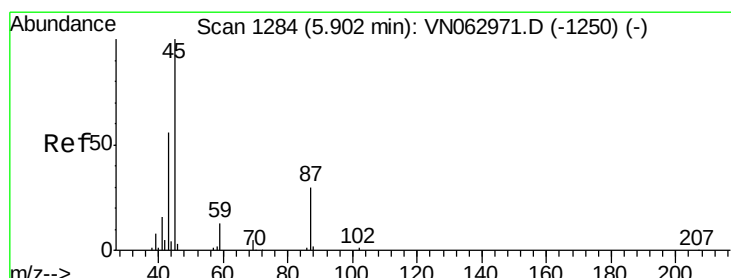
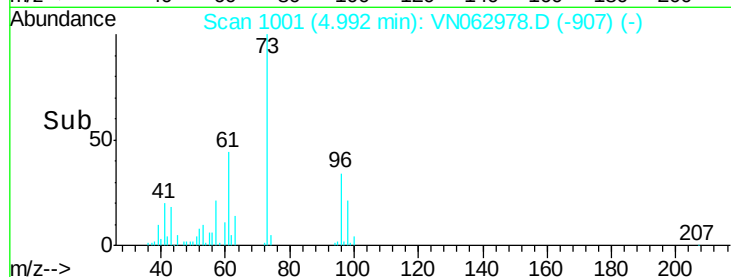
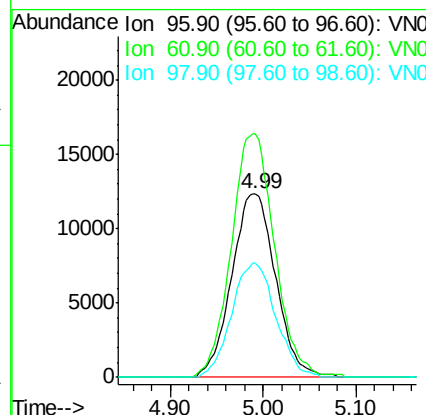
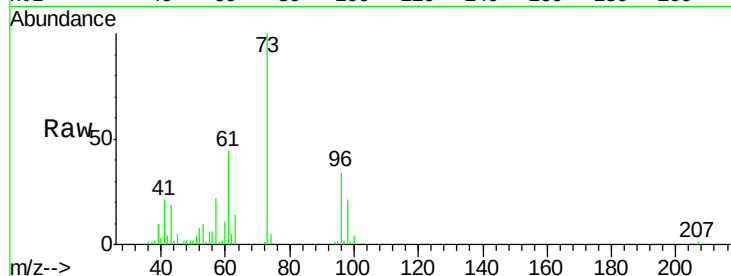
trans-1,2-Dichloroethene
Concen: 17.732 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.4	107.7	161.5
98	62.3	51.0	76.4

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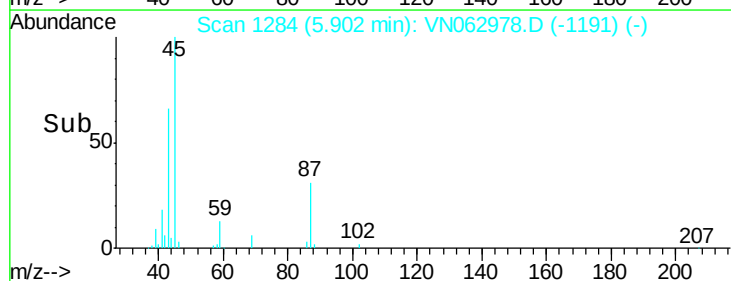
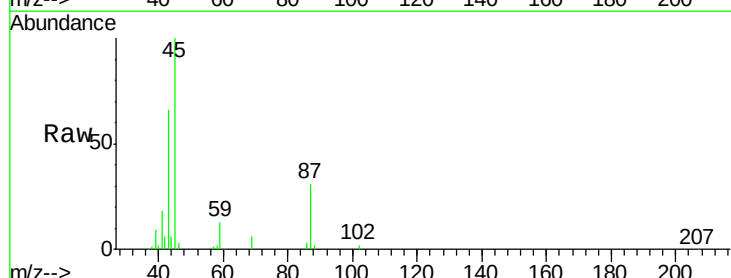
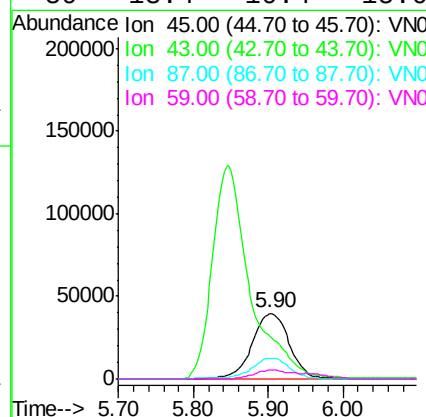
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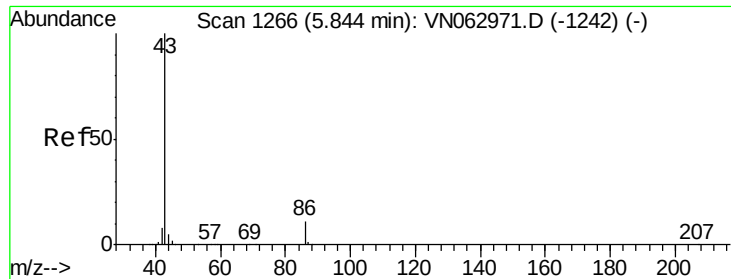


#22

Diisopropyl ether
Concen: 18.888 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.7	47.1	70.7
87	31.5	24.3	36.5
59	13.4	10.4	15.6





#23

Vinyl Acetate

Concen: 88.323 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

Tot Ion: 43 Resp: 454426

Ion Ratio Lower Upper

43 100

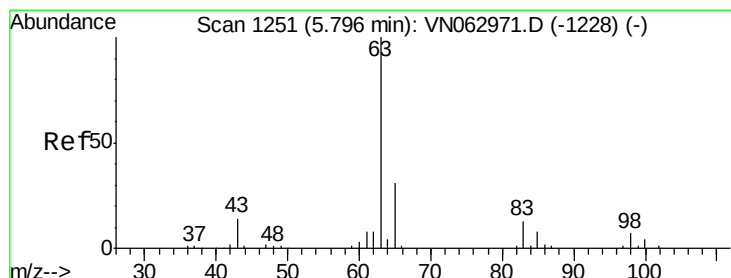
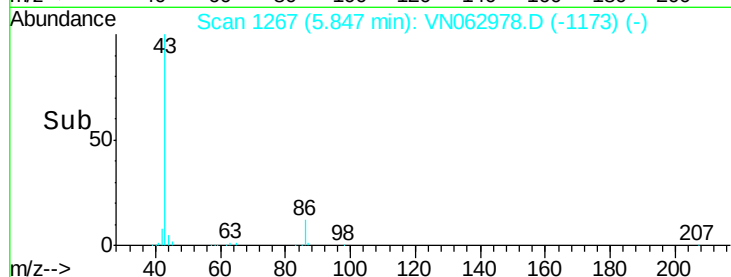
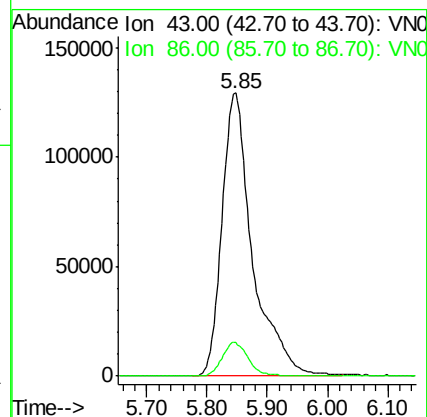
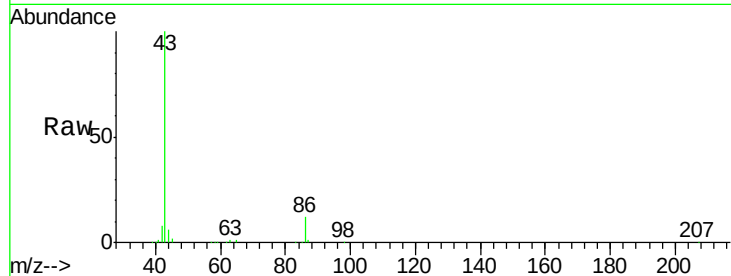
86 11.7 9.1 13.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.241 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

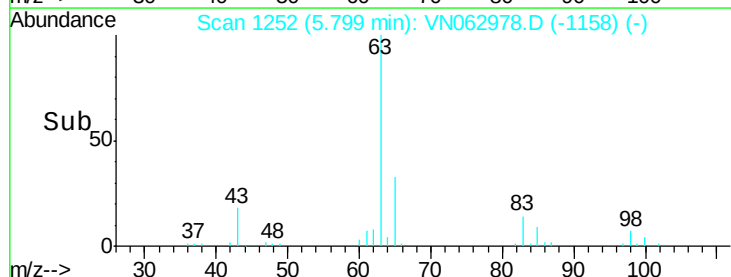
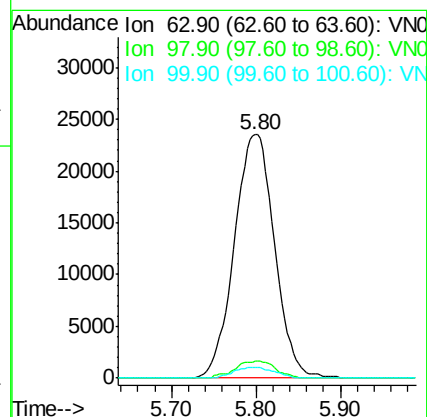
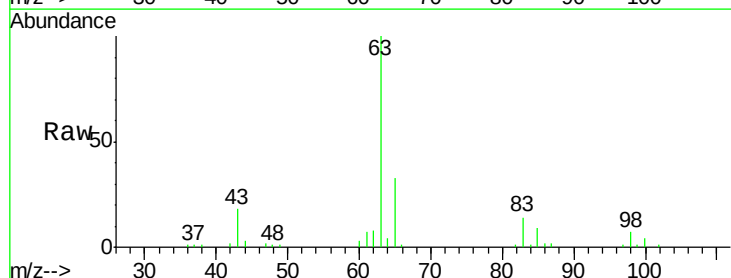
Tgt Ion: 63 Resp: 77849

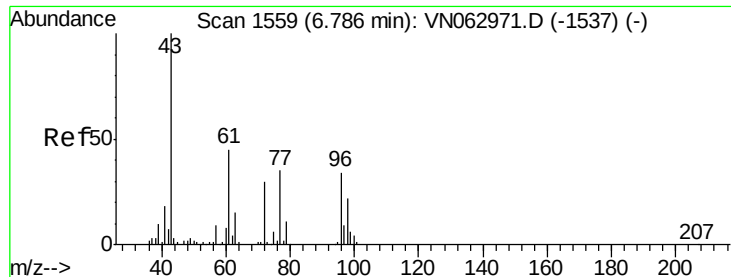
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 4.2 2.0 6.0





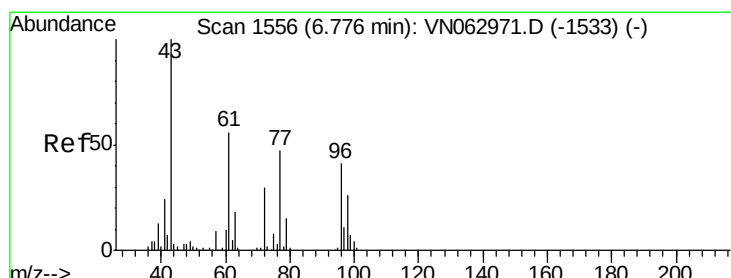
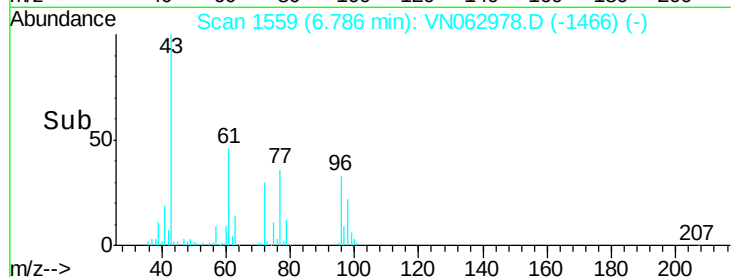
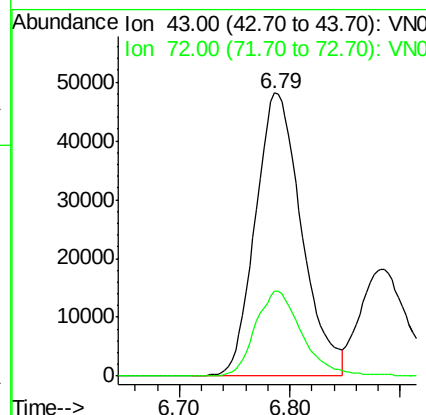
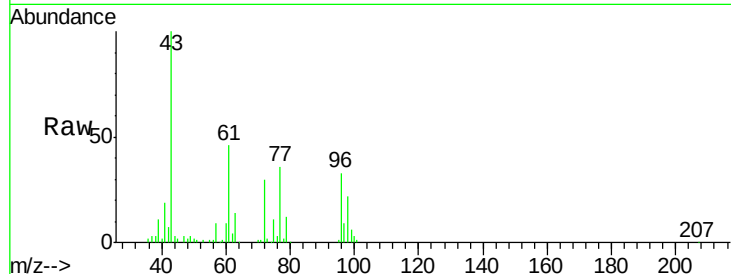
#25
2-Butanone
Concen: 93.212 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion: 43 Resp: 140335
Ion Ratio Lower Upper
43 100
72 29.9 23.9 35.9

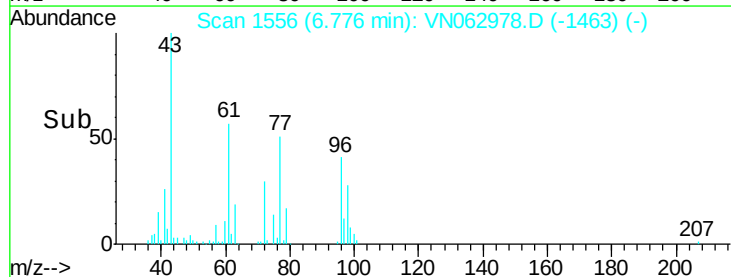
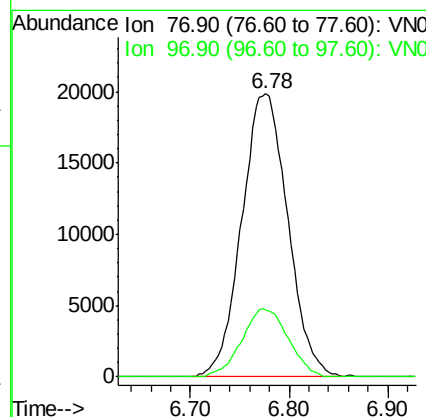
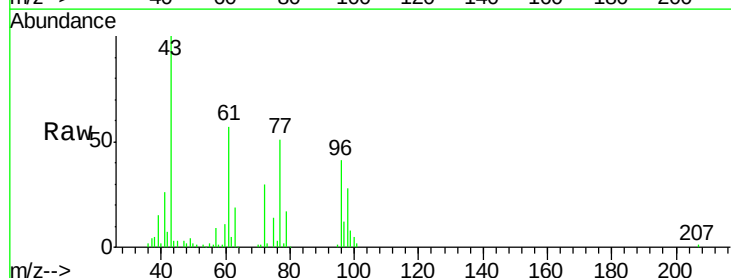
Manual Integrations
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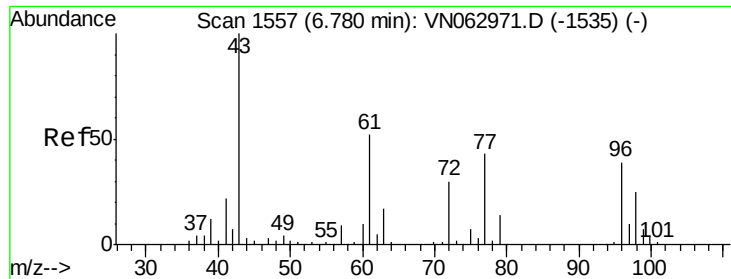
MMDadoda
8/18/2020 11:13:03 AM



#26
2,2-Dichloropropane
Concen: 18.201 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 77 Resp: 64209
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 17.845 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

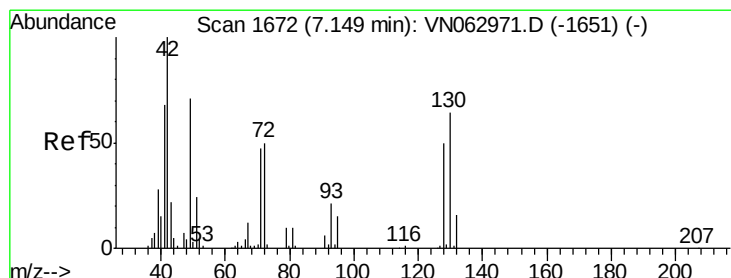
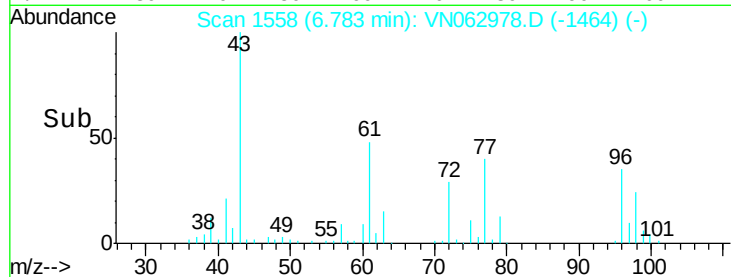
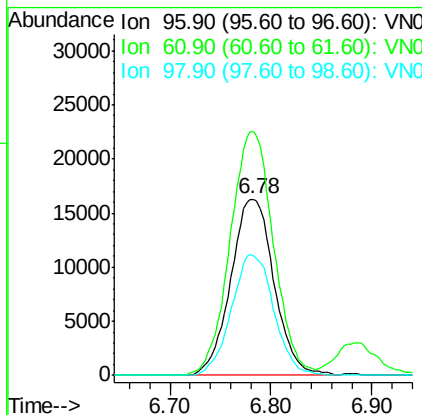
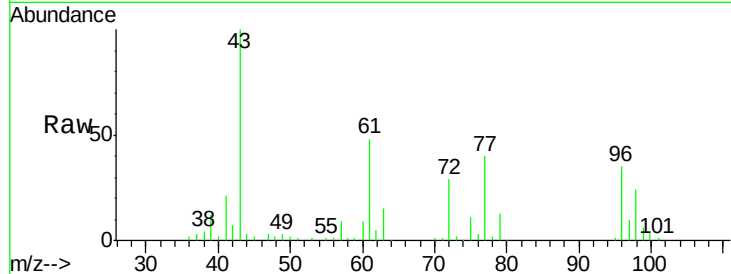
ClientSampleId :

VN0817MBS01

Tot Ion:	96	Resp:	48516
Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	270.4
98	67.0	0.0	128.2

Manual Integrations
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#28

Bromochloromethane

Concen: 21.327 ug/l

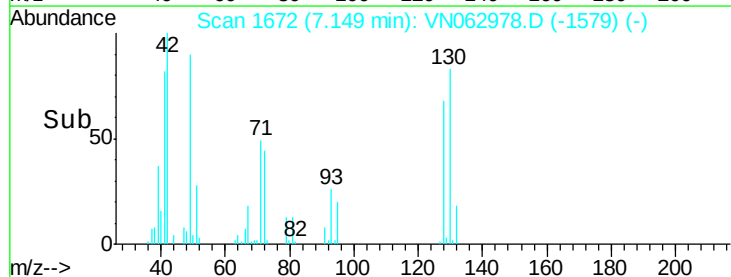
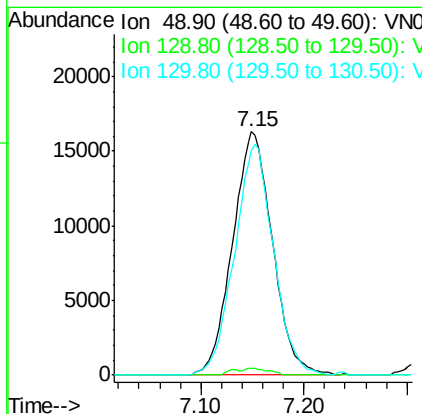
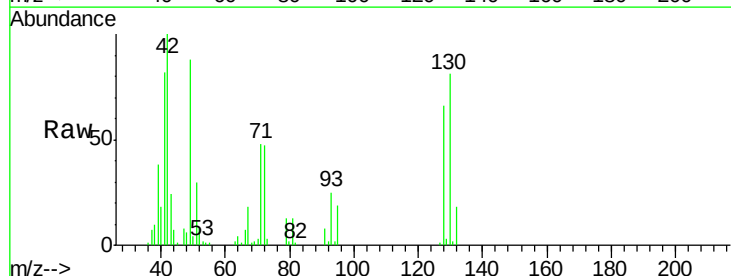
RT: 7.15 min Scan# 1672

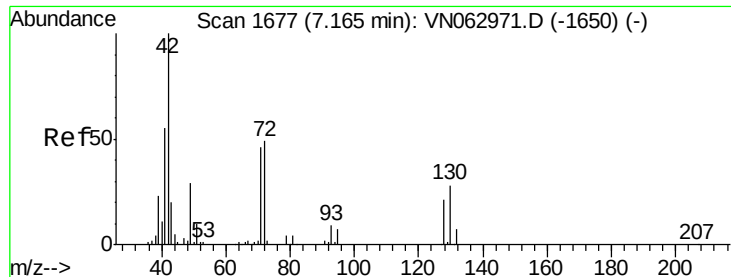
Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Tgt Ion:	49	Resp:	43877
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.2
130	92.5	73.5	110.3





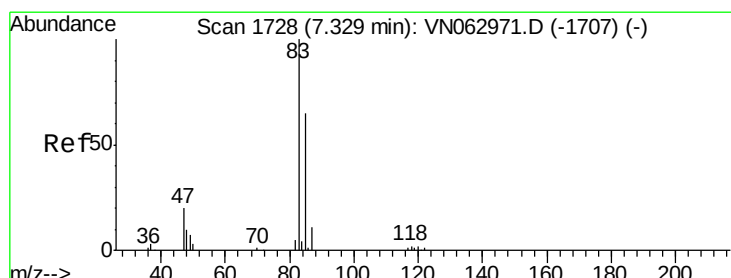
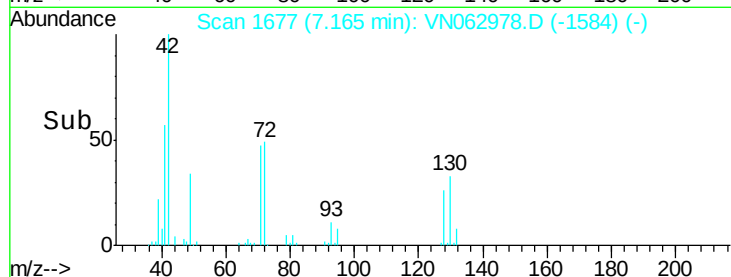
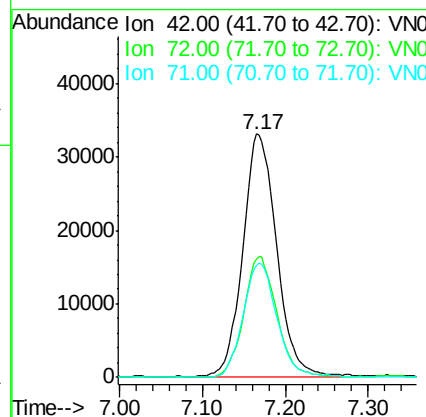
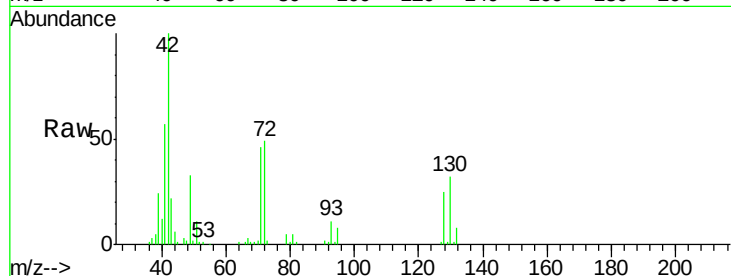
#29
Tetrahydrofuran
Concen: 115.617 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	39.4	59.2
71	46.4	37.2	55.8

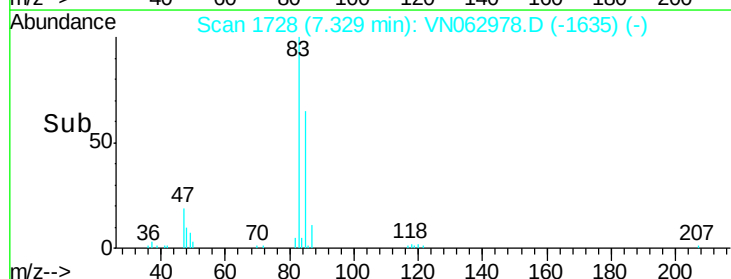
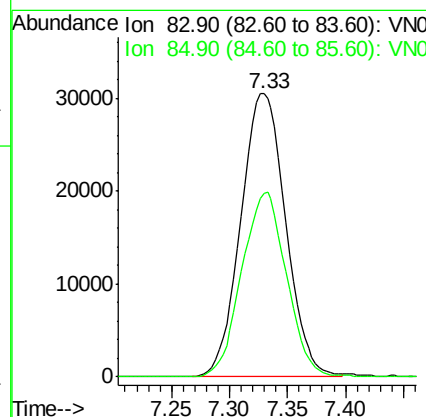
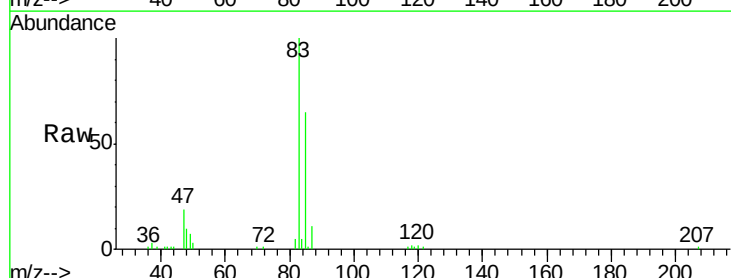
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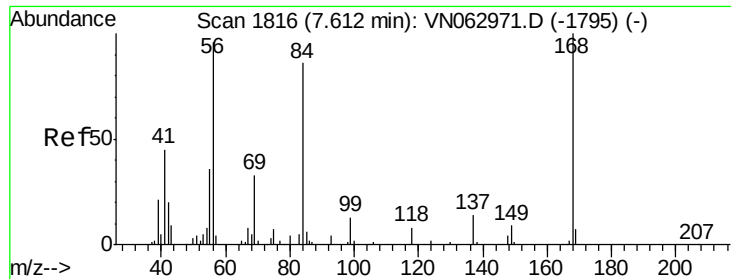
MMDadoda
8/18/2020 11:13:03 AM



#30
Chloroform
Concen: 18.500 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.2	78.4





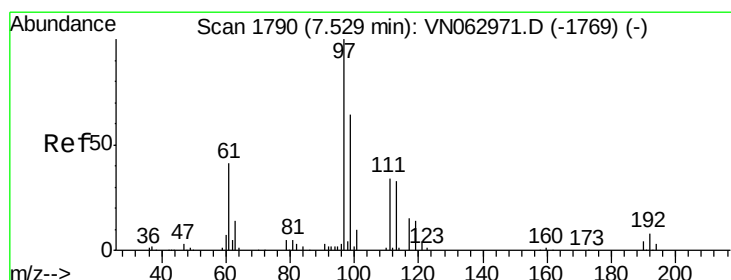
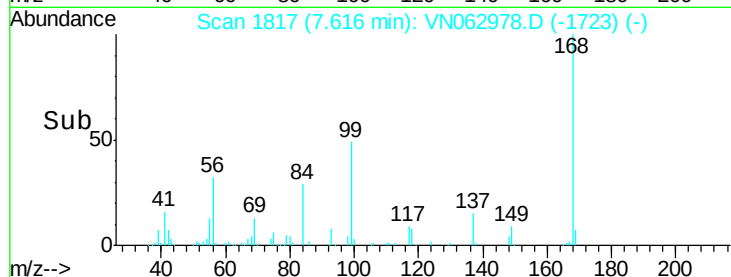
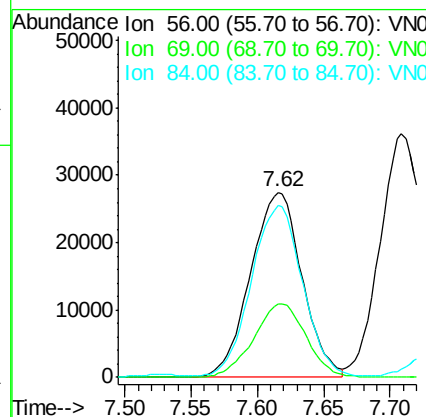
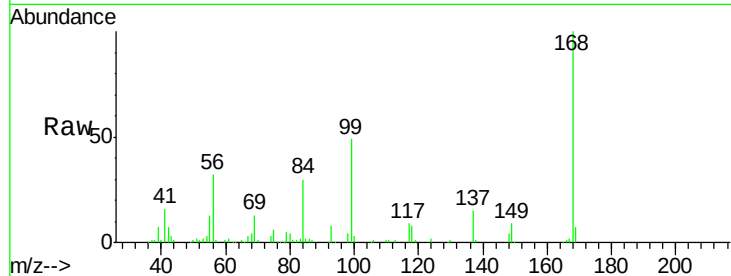
#31
Cyclohexane
Concen: 17.889 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.8	27.4	41.2
84	92.0	71.3	106.9

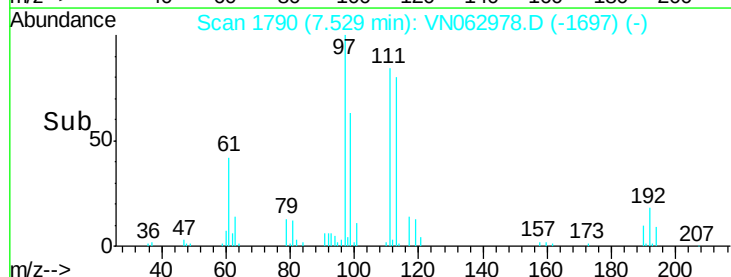
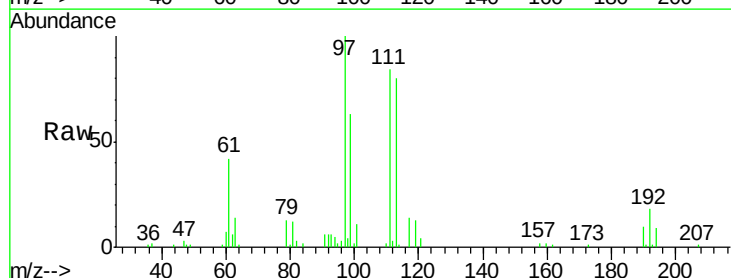
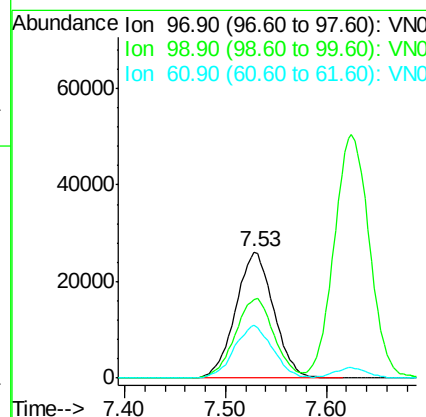
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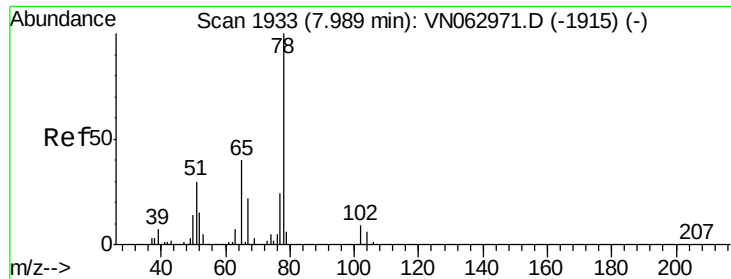
MMDadoda
8/18/2020 11:13:03 AM



#32
1,1,1-Trichloroethane
Concen: 18.488 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.2	78.4
61	42.1	33.5	50.3





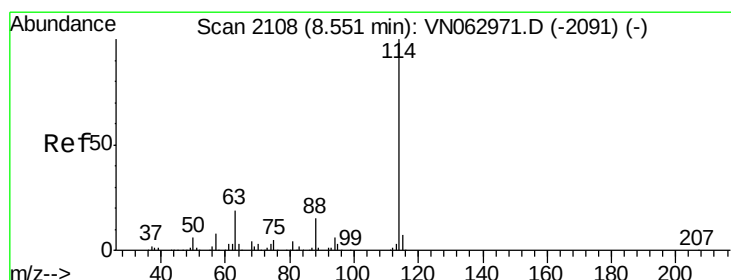
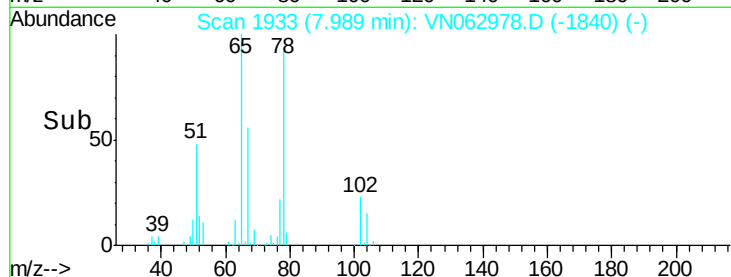
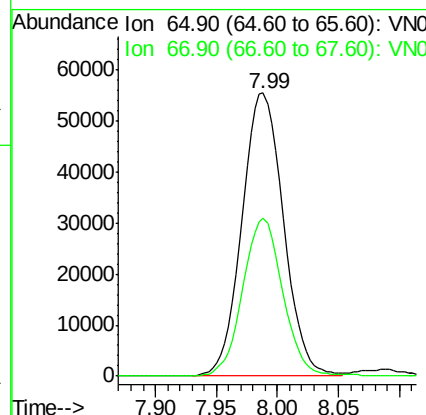
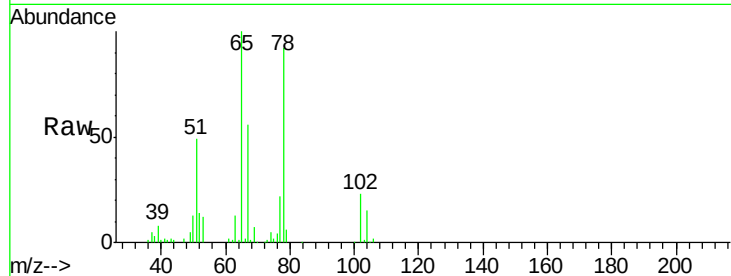
#33
 1,2-Dichloroethane-d4
 Concen: 48.513 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	108.6	

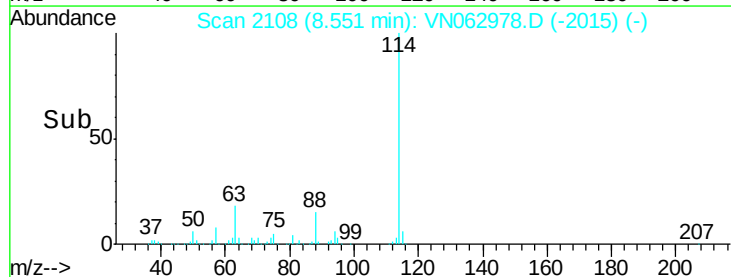
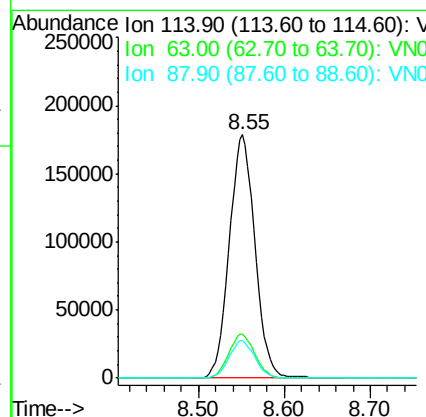
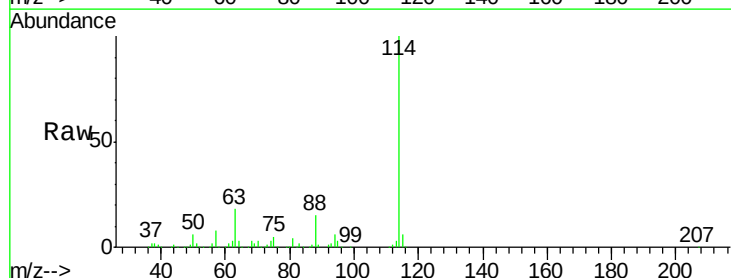
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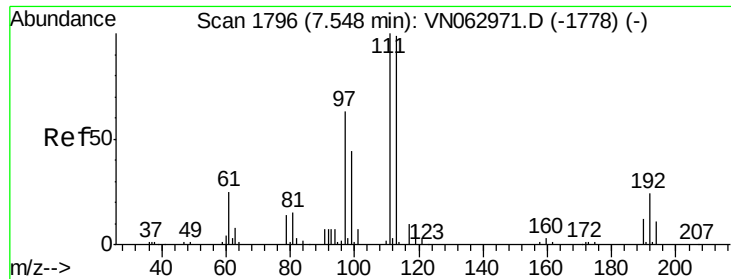
MMDadoda
 8/18/2020 11:13:03 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.0	0.0	37.6	
88	15.3	0.0	31.0	





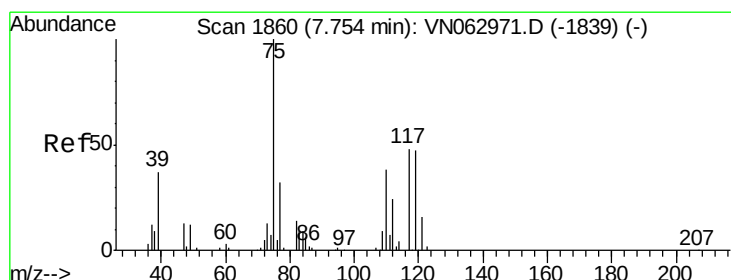
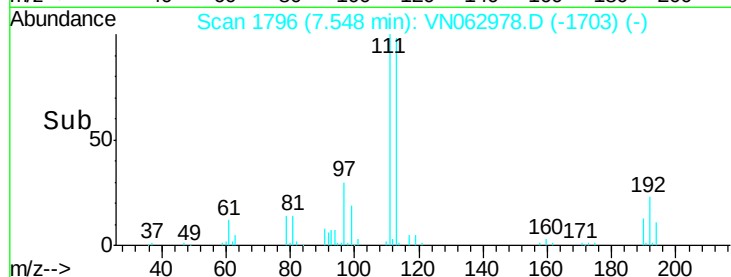
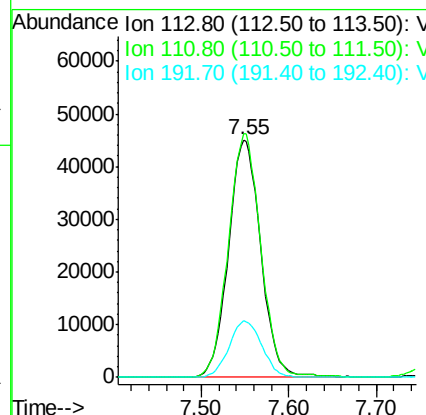
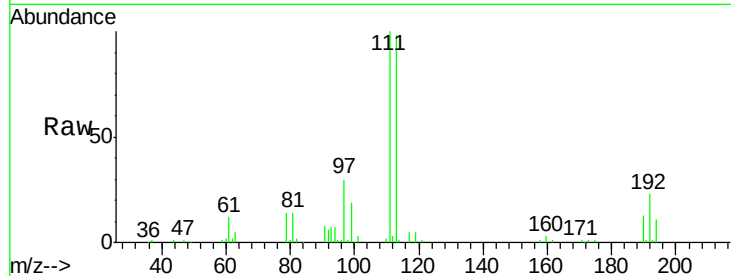
#35
 Dibromofluoromethane
 Concen: 47.890 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	115542		
111	102.7	81.4	122.0	
192	24.0	19.2	28.8	

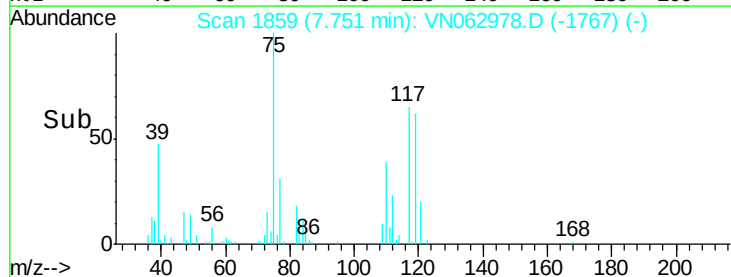
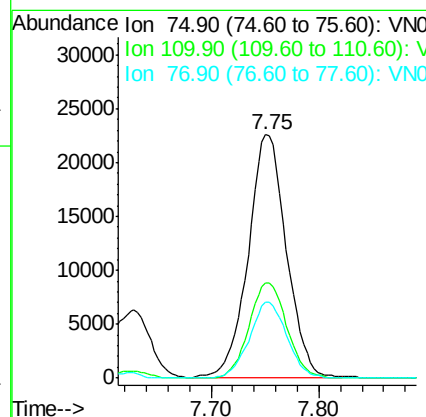
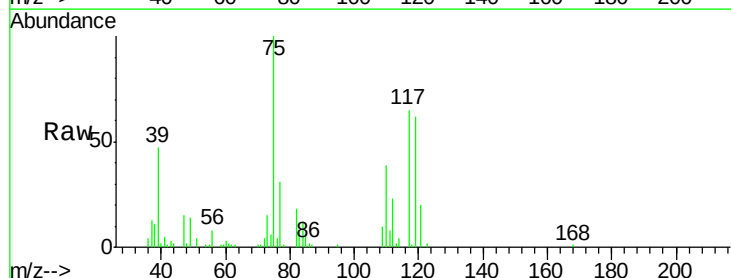
Manual Integrations
 APPROVED

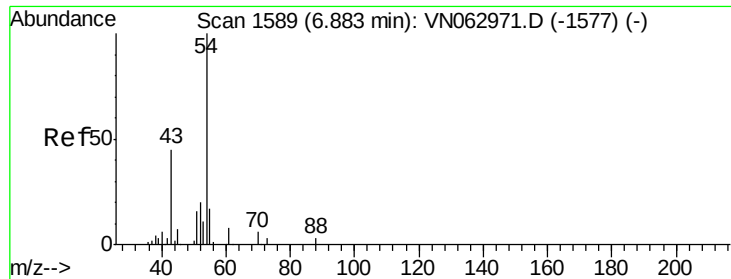
MMDadoda
 8/18/2020 11:13:03 AM



#36
 1,1-Dichloropropene
 Concen: 17.529 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55699		
110	38.6	18.7	56.1	
77	30.5	25.6	38.4	





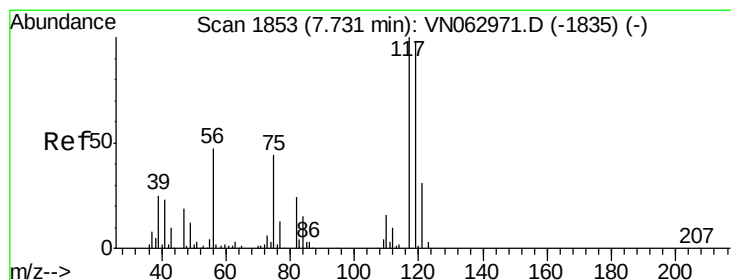
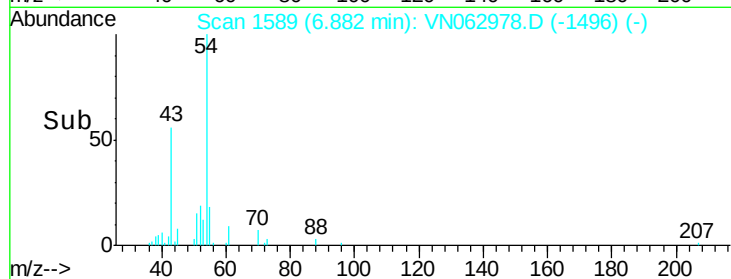
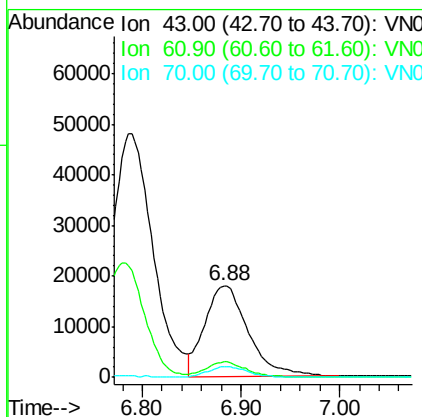
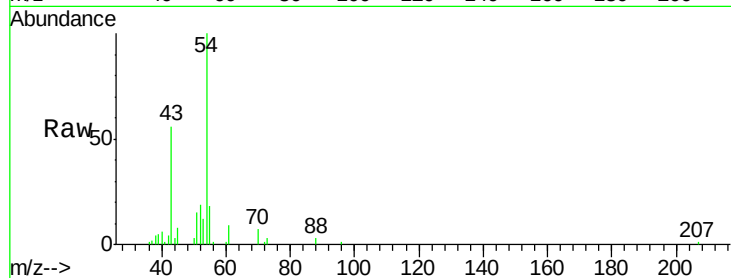
#37
Ethyl Acetate
Concen: 18.958 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.4	18.6
70	11.0	9.9	14.9

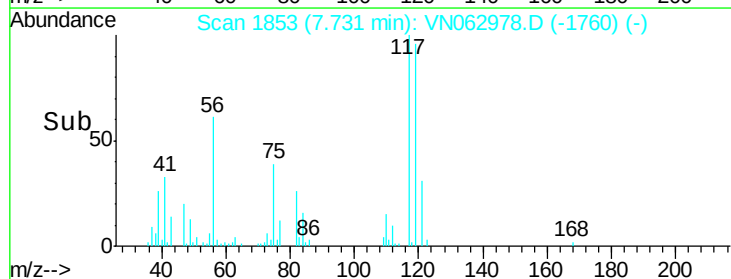
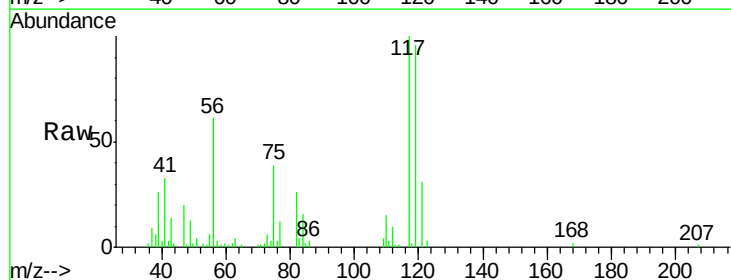
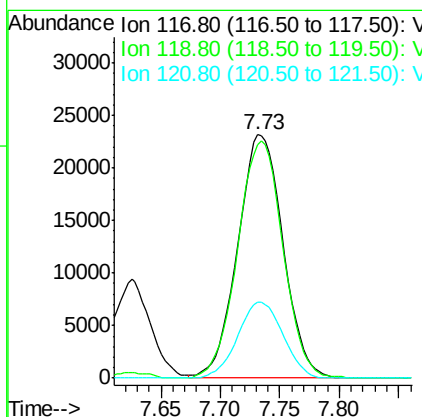
Manual Integrations
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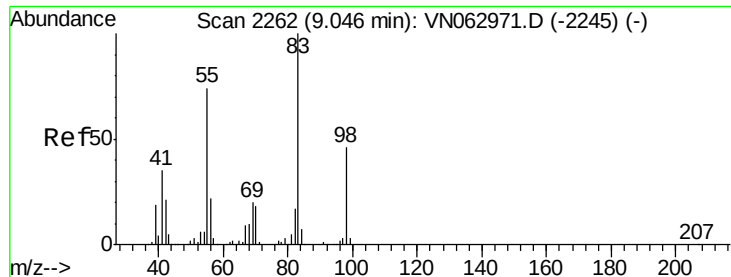
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.209 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.9	116.9
121	31.3	24.8	37.2





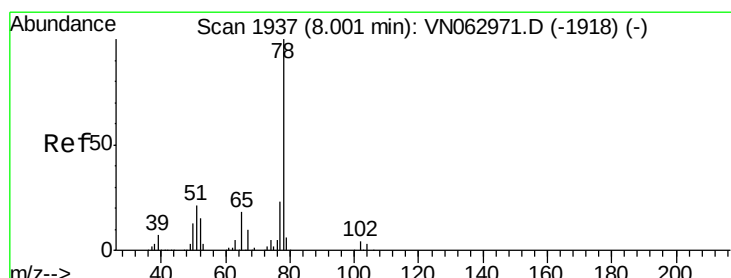
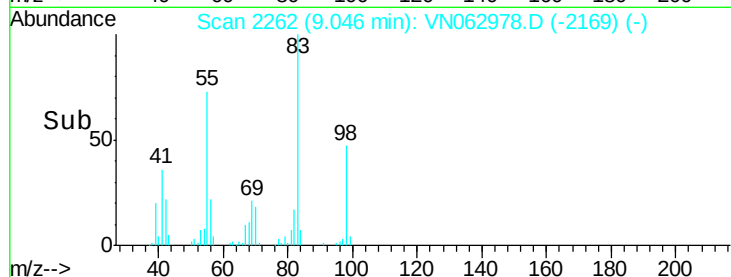
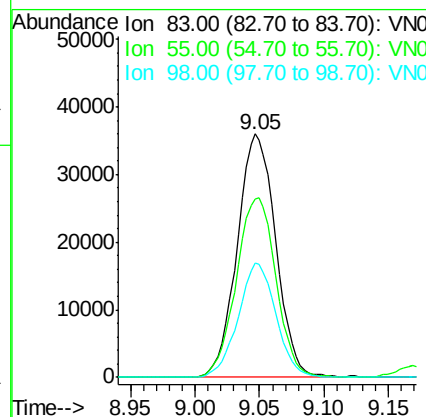
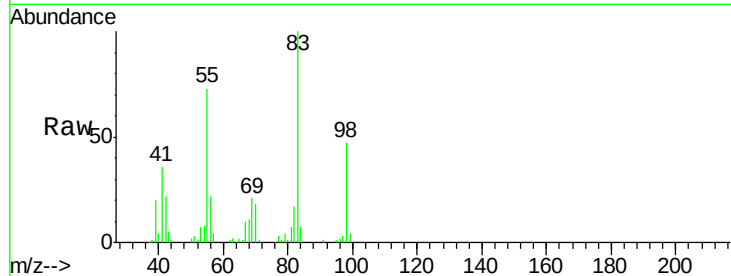
#39
Methylvlcyclohexane
Concen: 17.737 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	59.0	88.6
98	47.2	36.8	55.2

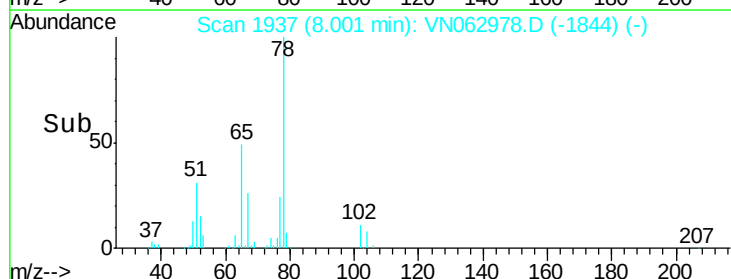
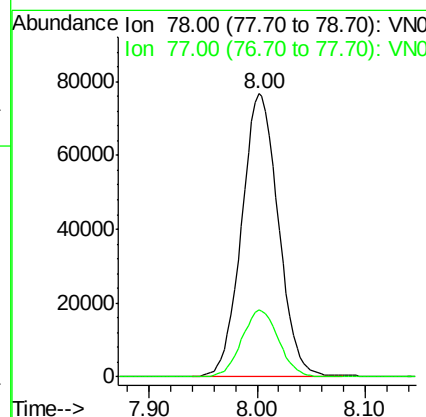
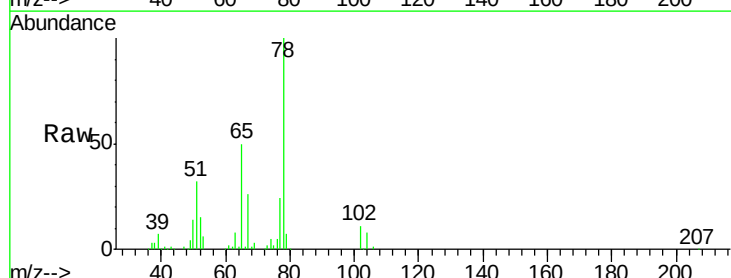
Manual Integrations
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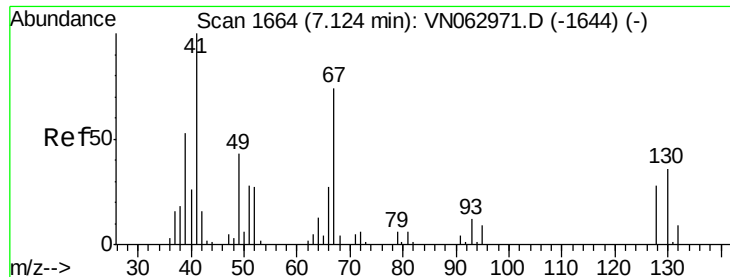
MMDadoda
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#40
Benzene
Concen: 18.066 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	27.8





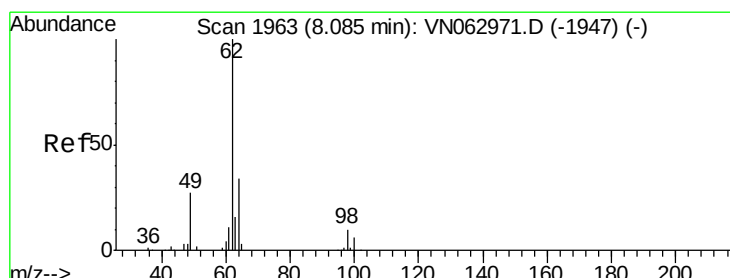
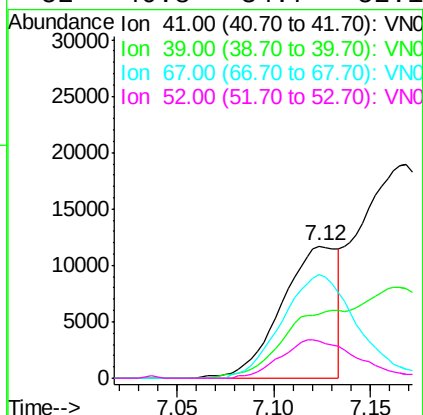
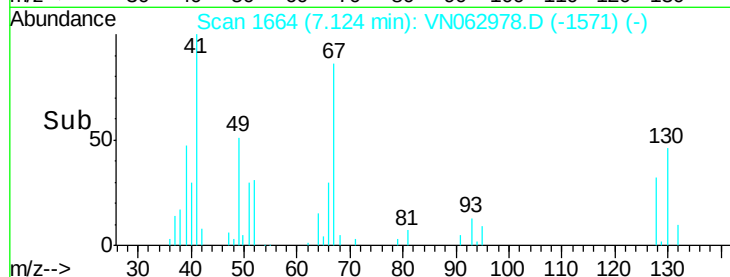
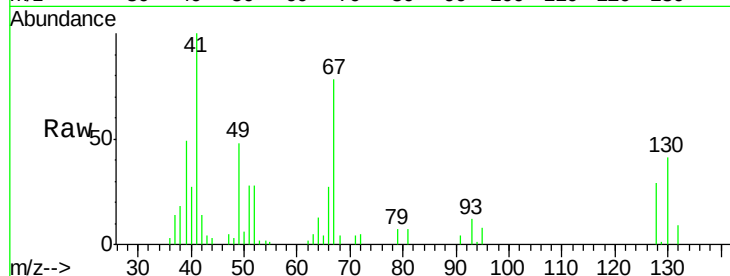
#41
Methacrylonitrile
Concen: 16.573 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	58.6	88.0#
67	107.1	90.1	135.1
52	40.8	34.7	52.1

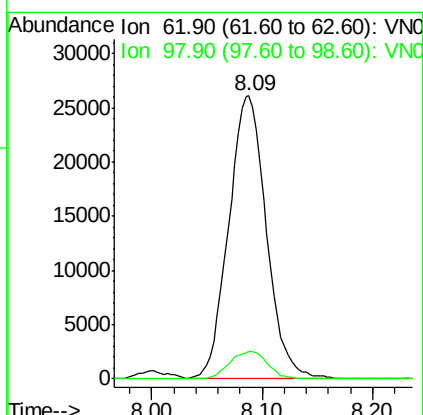
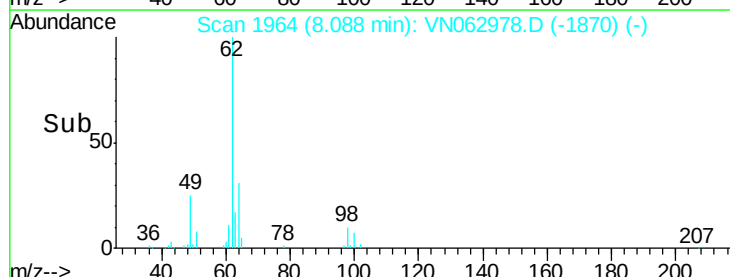
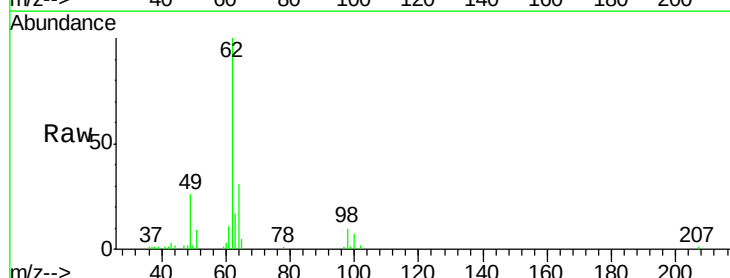
Manual Integrations
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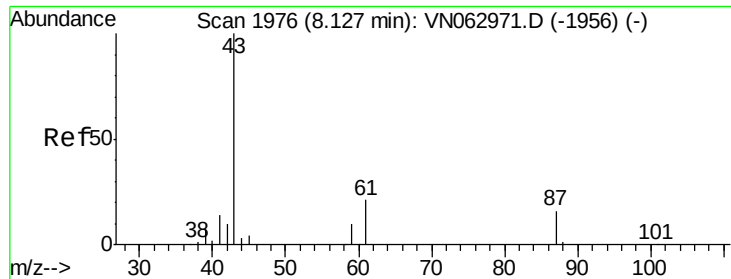
MMDadoda
8/18/2020 11:13:03 AM



#42
1,2-Dichloroethane
Concen: 18.692 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.8





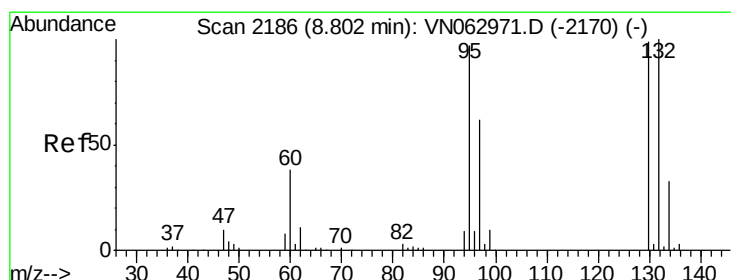
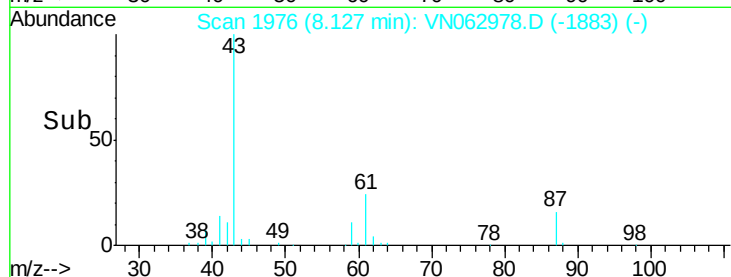
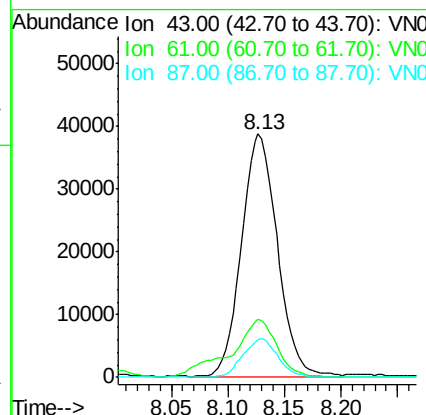
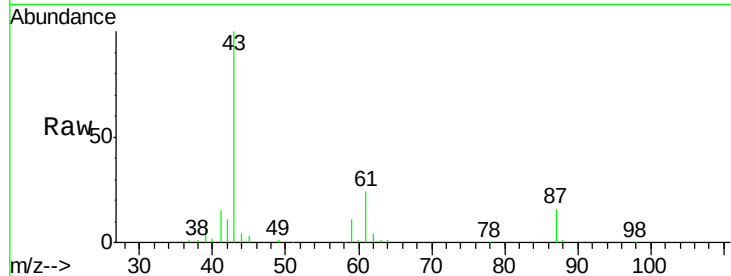
#43
Isopropyl Acetate
Concen: 18.750 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	24.6	36.8
87	15.3	12.4	18.6

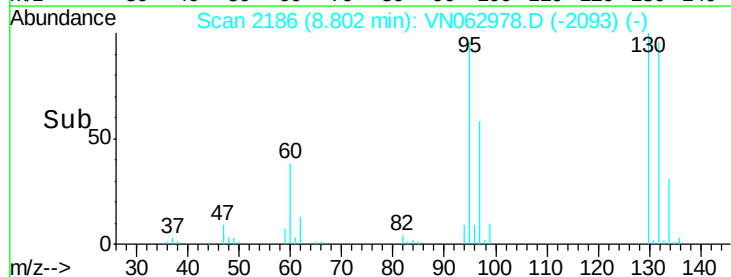
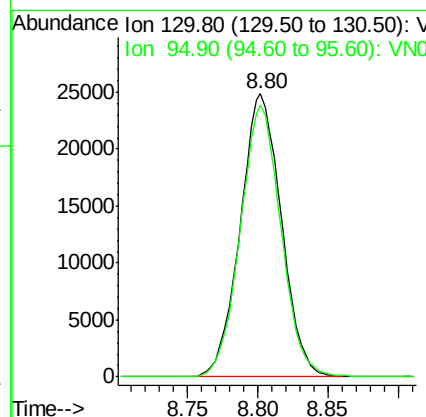
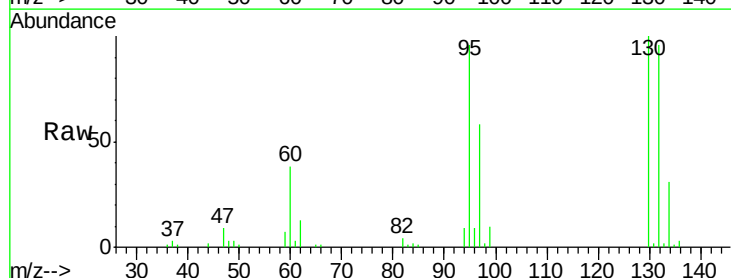
Manual Integrations
APPROVED

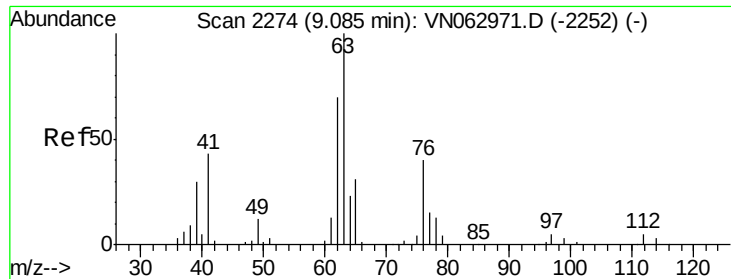
MMDadoda
8/18/2020 11:13:03 AM



#44
Trichloroethene
Concen: 18.687 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	194.2





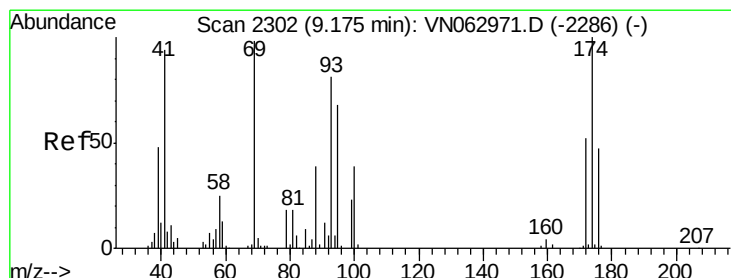
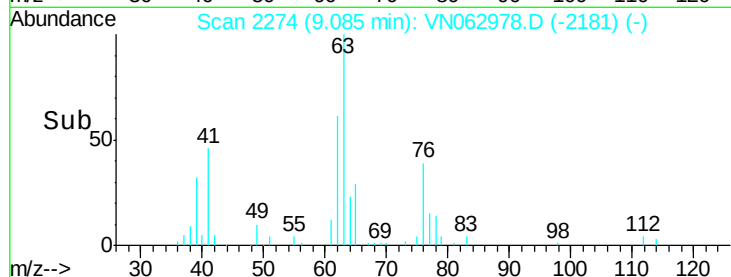
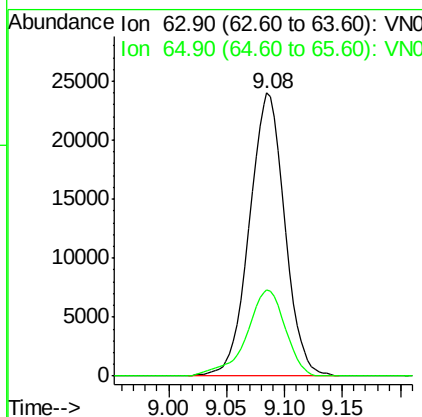
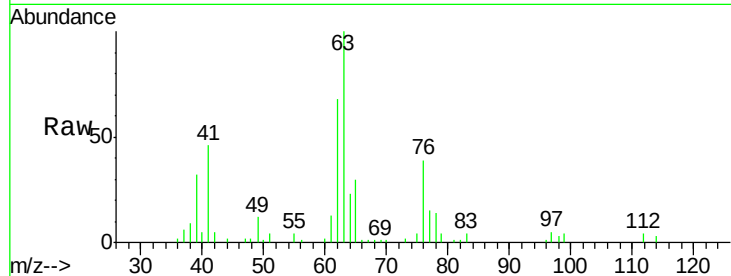
#45
 1,2-Dichloropropane
 Concen: 18.246 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Tot Ion: 63 Resp: 51096
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1

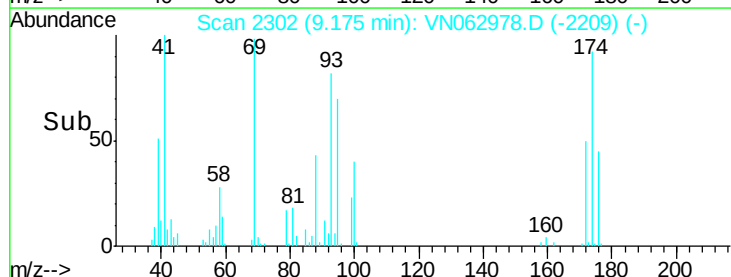
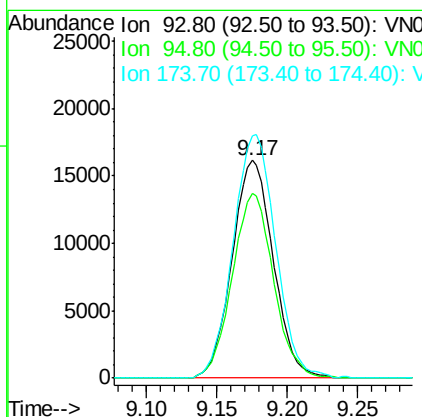
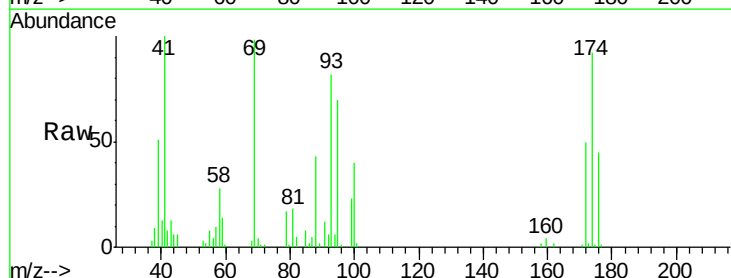
Manual Integrations
 APPROVED

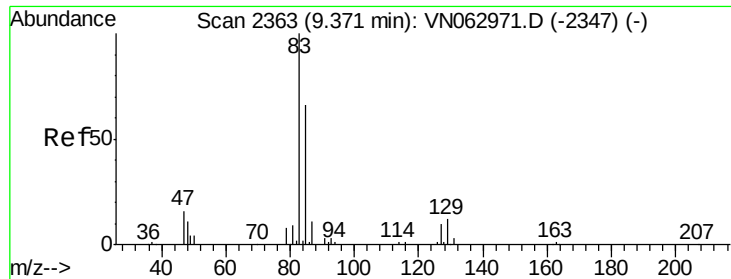
MMDadoda
 8/18/2020 11:13:03 AM



#46
 Dibromomethane
 Concen: 18.999 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion: 93 Resp: 33125
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.6 99.8
 174 115.2 96.6 145.0





#47

Bromodichloromethane

Concen: 19.088 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

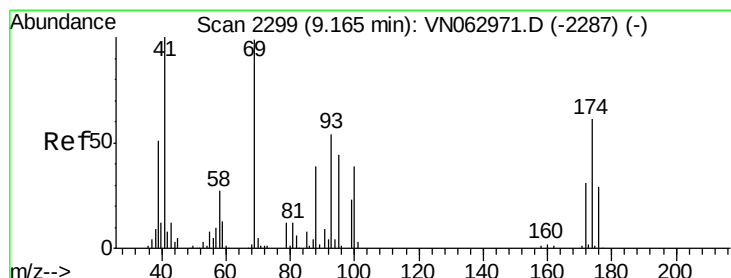
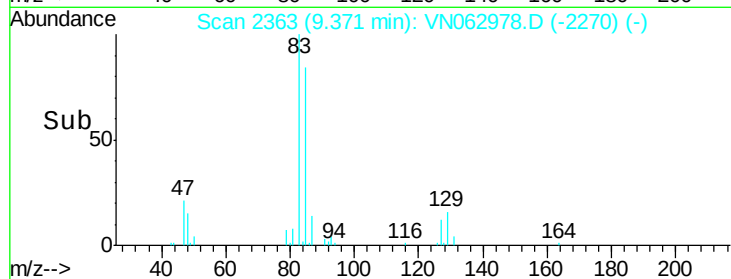
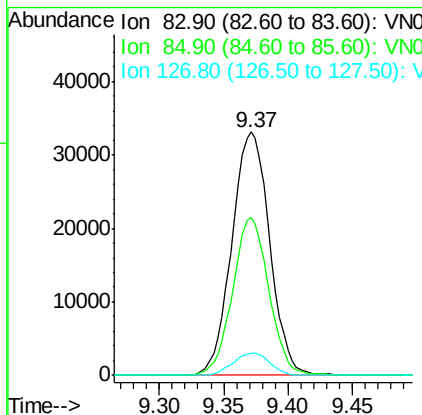
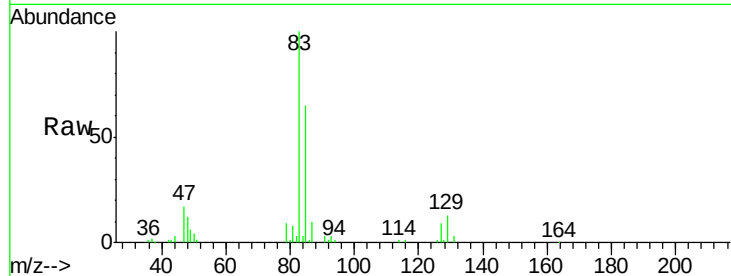
ClientSampleId :

VN0817MBS01

Tot Ion:	83	Resp:	67502
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.4	78.6
127	9.0	7.8	11.6

Manual Integrations
APPROVED

MMDadoda
8/18/2020 11:13:03 AM



#48

Methyl methacrylate

Concen: 18.682 ug/l

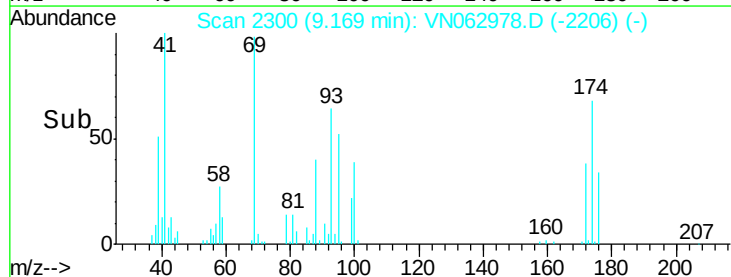
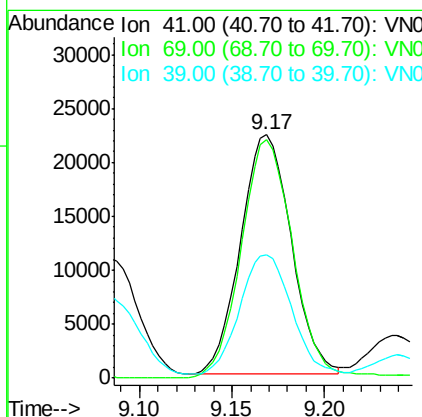
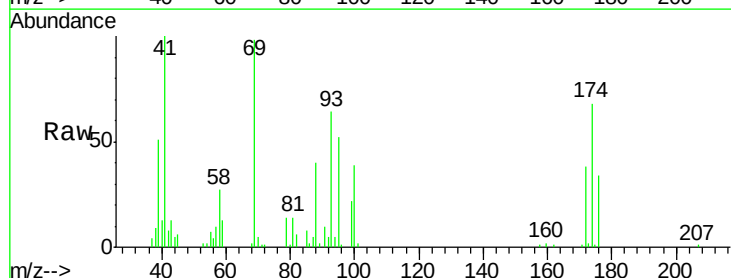
RT: 9.17 min Scan# 2300

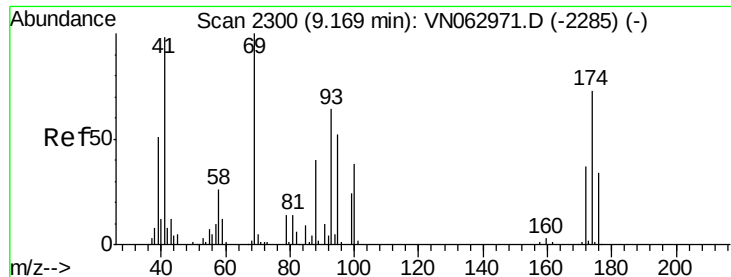
Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Tgt Ion:	41	Resp:	42146
Ion	Ratio	Lower	Upper
41	100		
69	102.5	81.1	121.7
39	51.3	42.4	63.6





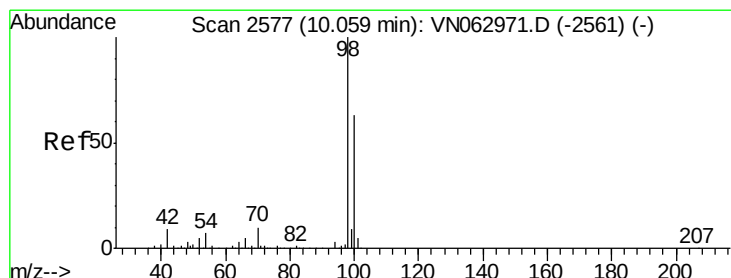
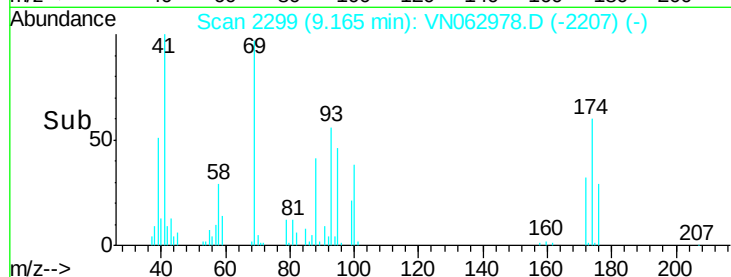
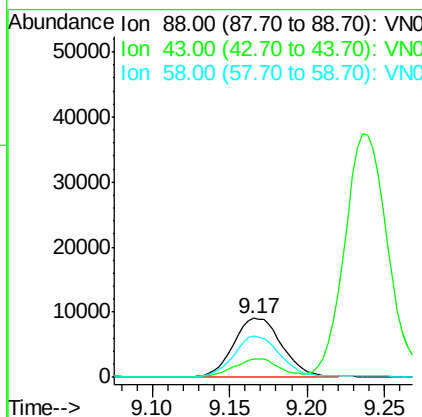
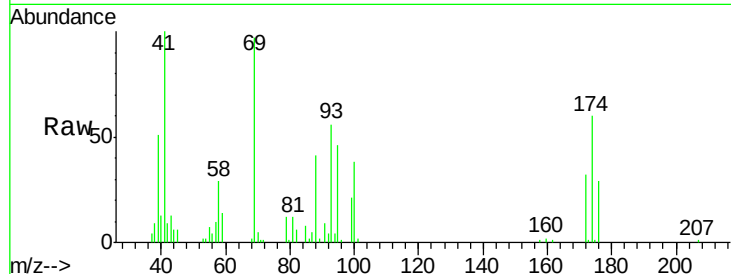
#49
1,4-Dioxane
Concen: 416.008 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	23.1	34.7
58	67.5	53.1	79.7

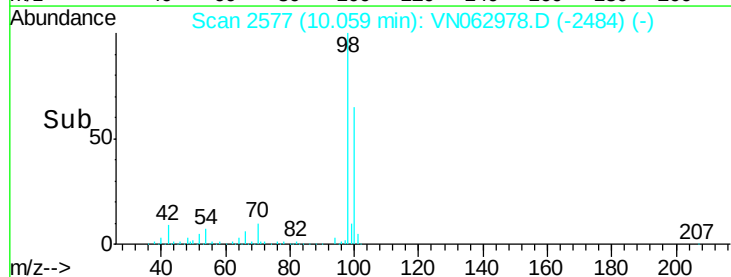
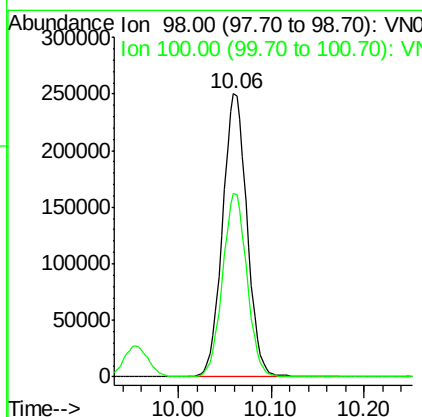
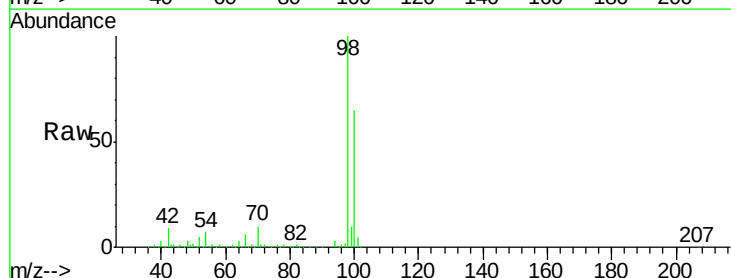
Manual Integrations
APPROVED

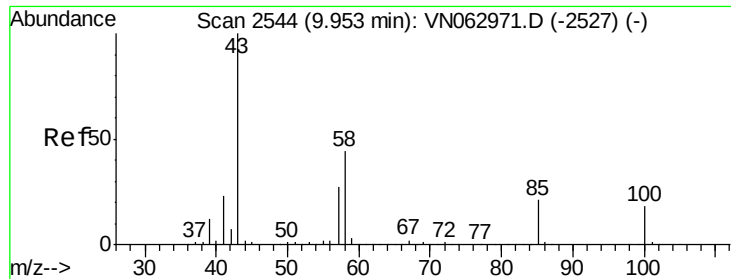
MMDadoda
8/18/2020 11:13:03 AM



#50
Toluene-d8
Concen: 48.857 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 96.984 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

Tot Ion: 43 Resp: 299266

Ion Ratio Lower Upper

43 100

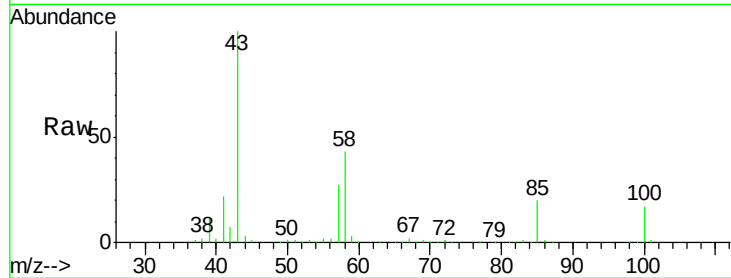
58 42.9 34.3 51.5

Manual Integrations

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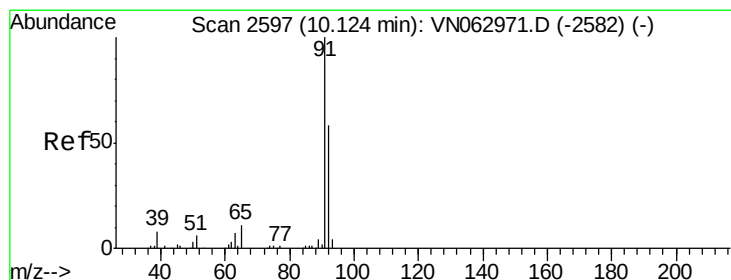
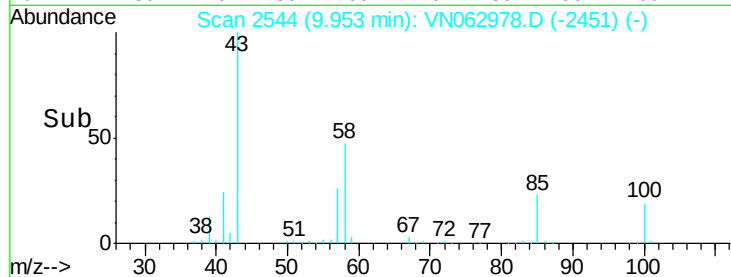
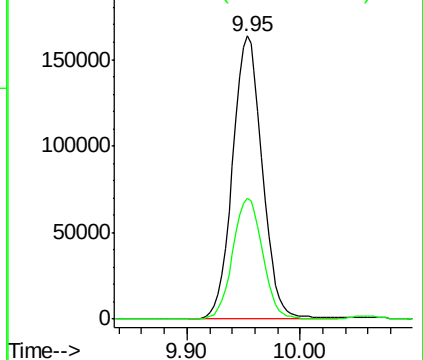
MMDadoda

8/18/2020 11:13:03 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.772 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062978.D

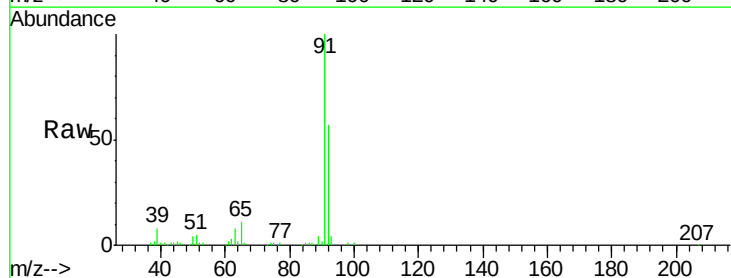
Acq: 17 Aug 2020 19:07

Tgt Ion: 92 Resp: 119197

Ion Ratio Lower Upper

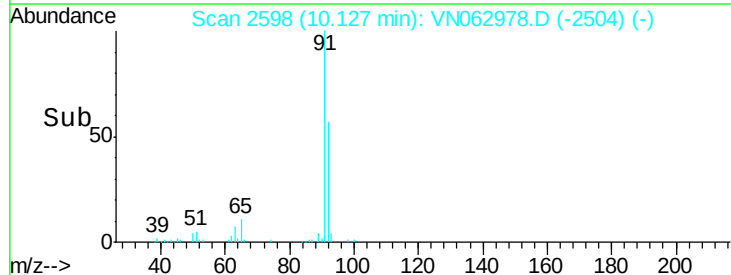
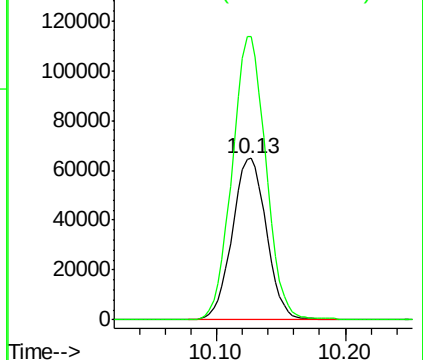
92 100

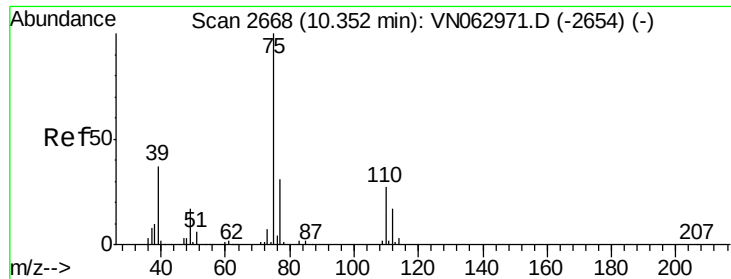
91 173.3 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





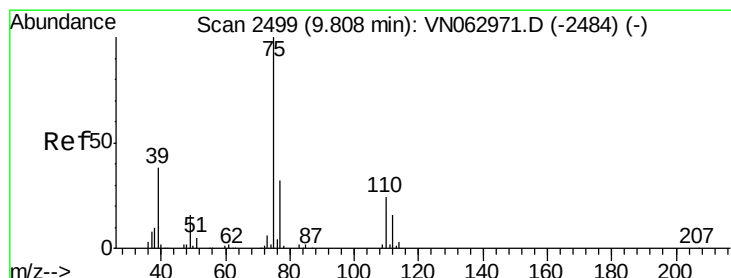
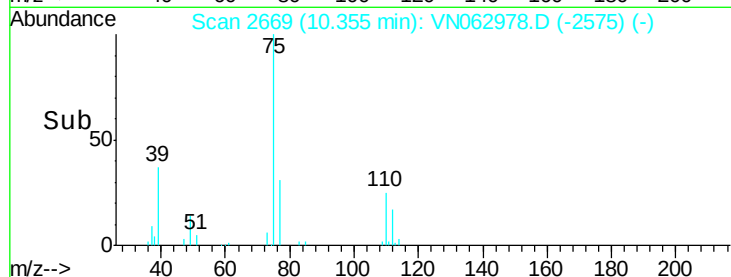
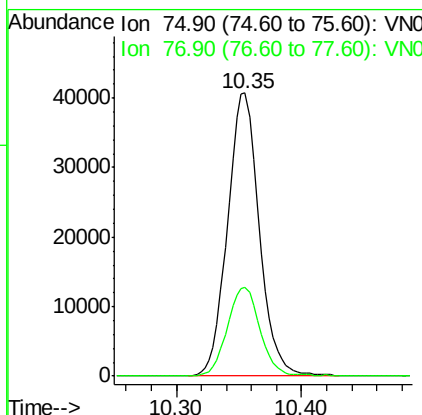
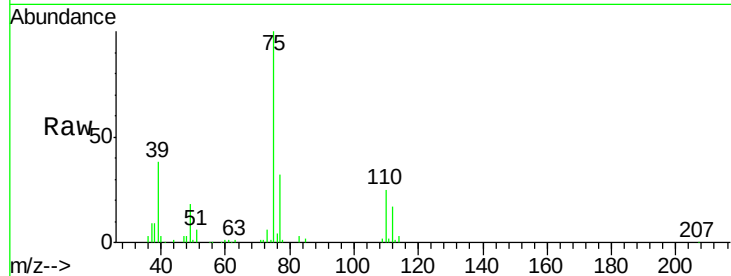
#53
t-1,3-Dichloropropene
Concen: 18.763 ug/l
RT: 10.35 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	75	Resp	71577
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.4

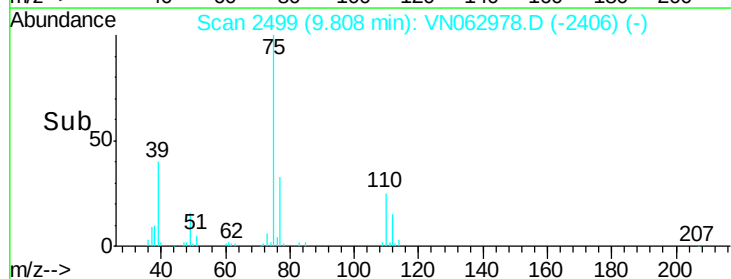
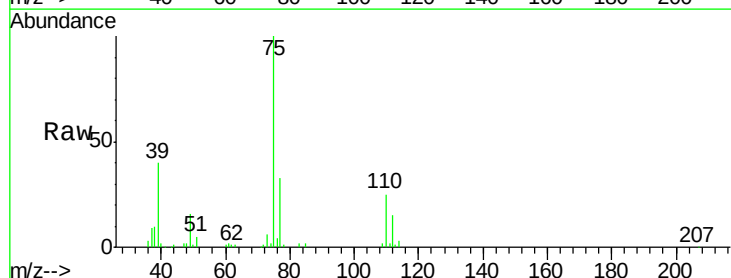
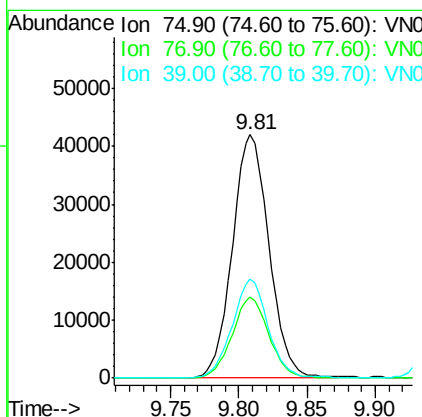
Manual Integrations
APPROVED

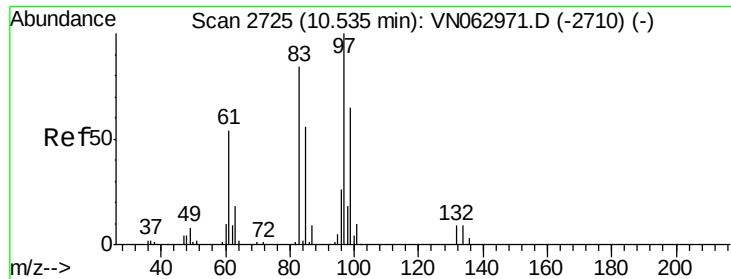
MMDadoda
8/18/2020 11:13:03 AM



#54
cis-1,3-Dichloropropene
Concen: 19.008 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	75	Resp	78267
Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.4	38.2
39	40.4	30.6	46.0





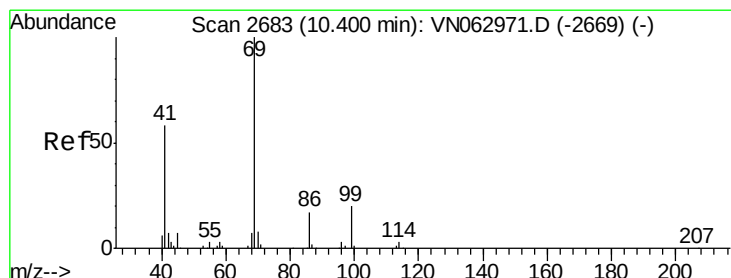
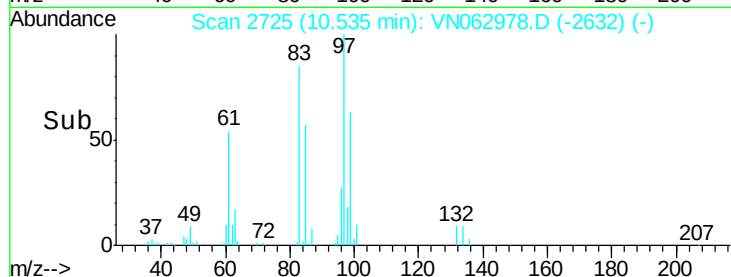
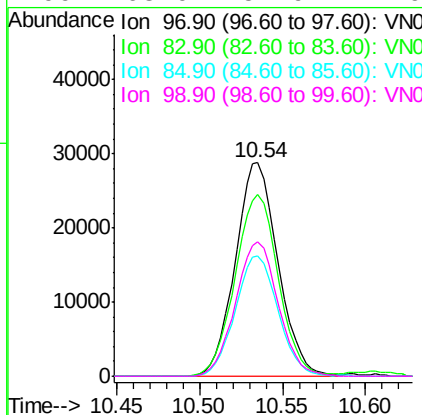
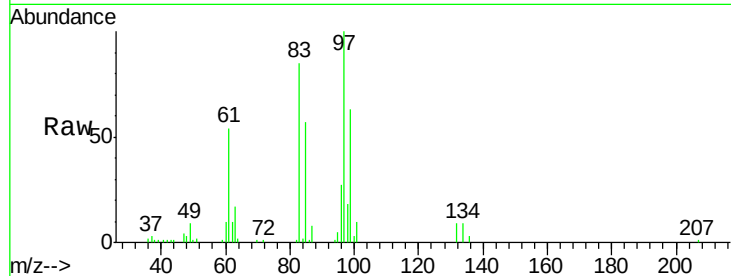
#55
 1,1,2-Trichloroethane
 Concen: 19.108 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Tot Ion:	97	Resp:	51427
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.0	100.4
85	56.5	44.4	66.6
99	63.0	51.9	77.9

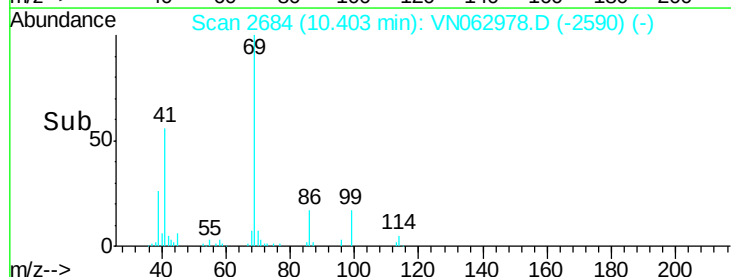
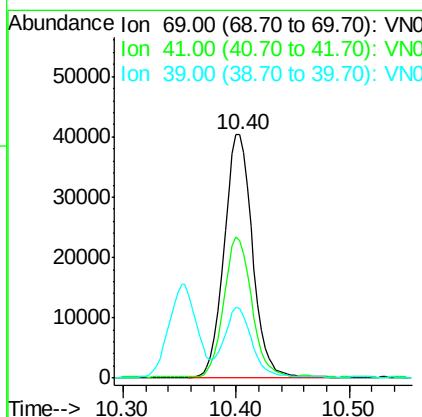
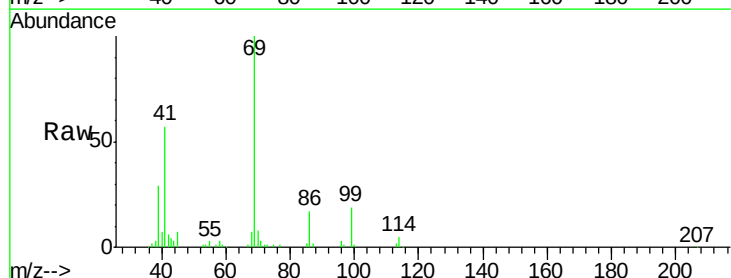
Manual Integrations
 APPROVED

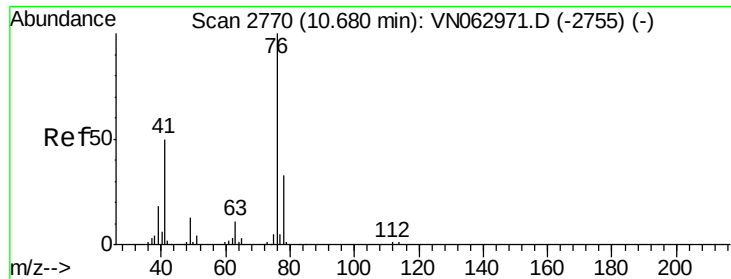
MMDadoda
 8/18/2020 11:13:03 AM



#56
 Ethyl methacrylate
 Concen: 19.426 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion:	69	Resp:	70719
Ion	Ratio	Lower	Upper
69	100		
41	56.0	46.0	69.0
39	27.6	23.4	35.0





#57

1,3-Dichloropropane

Concen: 18.900 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

Tot Ion: 76 Resp: 80185

Ion Ratio Lower Upper

76 100

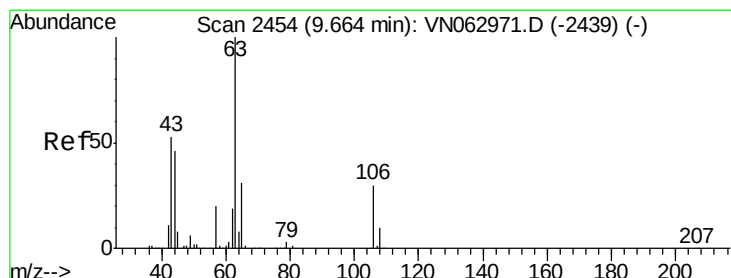
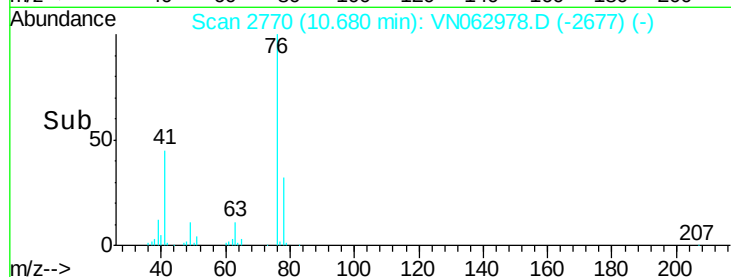
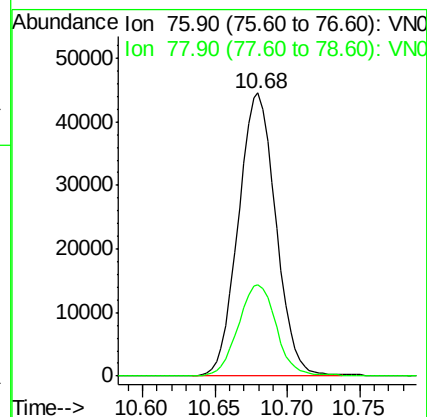
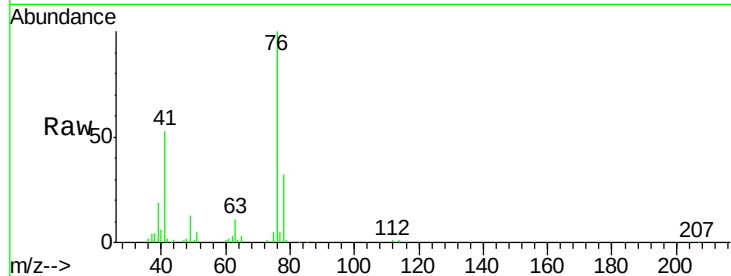
78 32.5 26.2 39.4

Manual Integrations

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8/18/2020 11:13:03 AM



#58

2-Chloroethyl Vinyl ether

Concen: 105.721 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062978.D

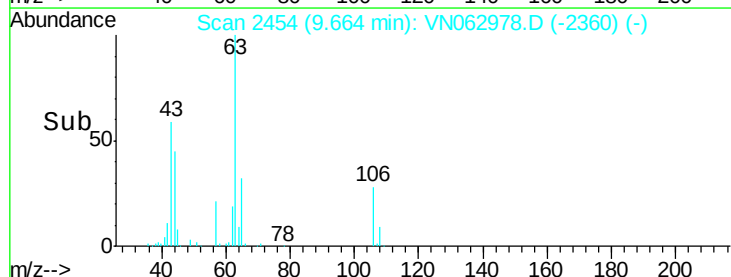
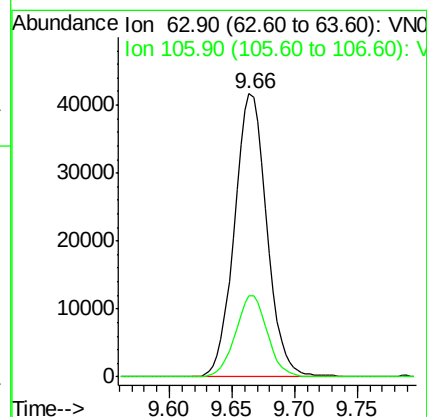
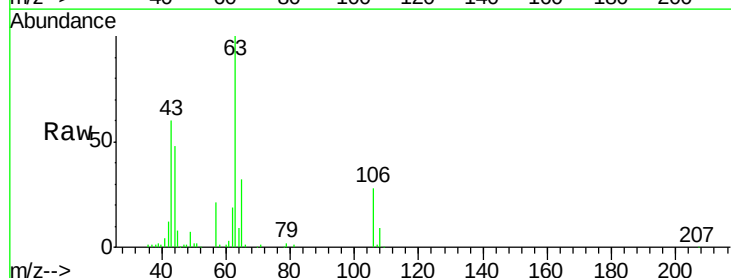
Acq: 17 Aug 2020 19:07

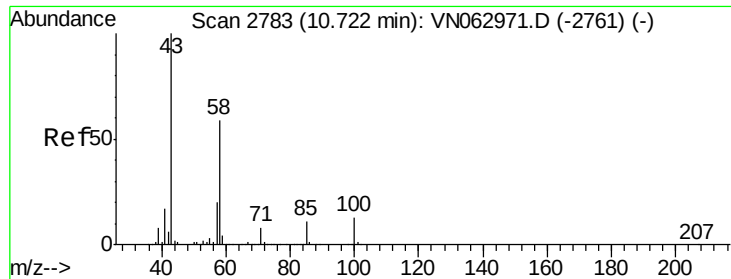
Tgt Ion: 63 Resp: 74744

Ion Ratio Lower Upper

63 100

106 28.2 23.4 35.2





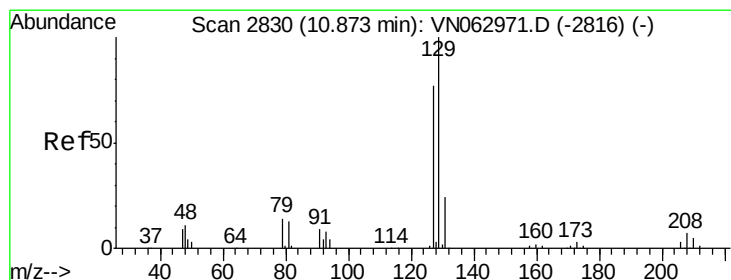
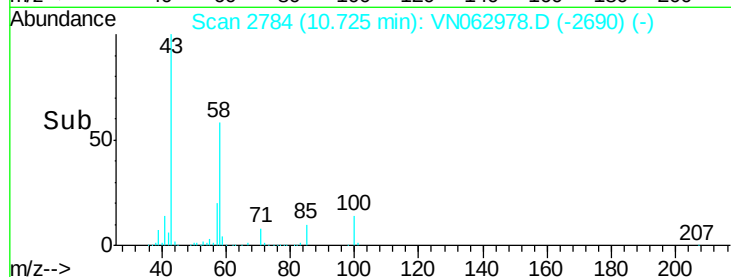
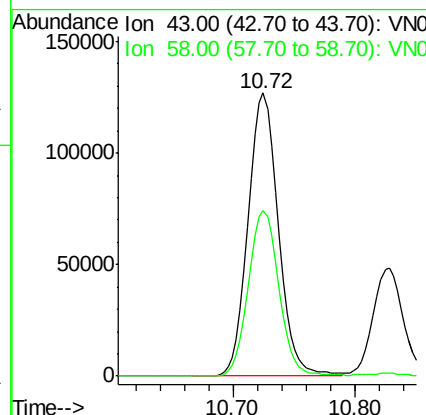
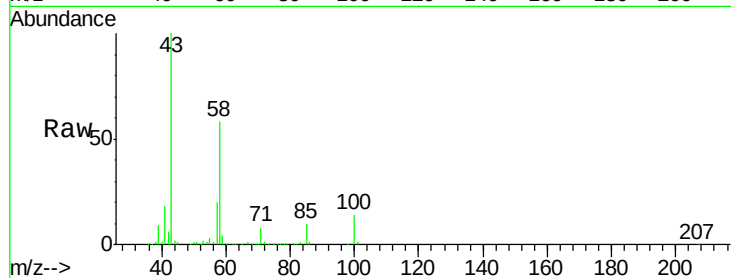
#59
2-Hexanone
Concen: 110.657 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.1	29.5	88.5

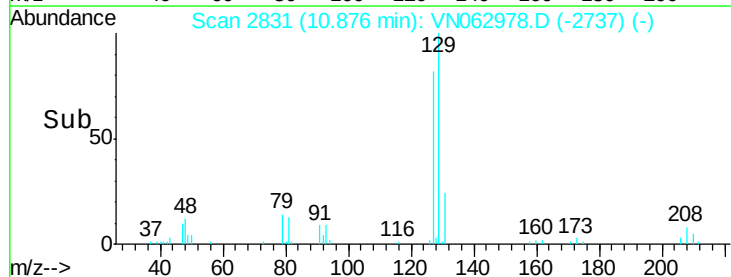
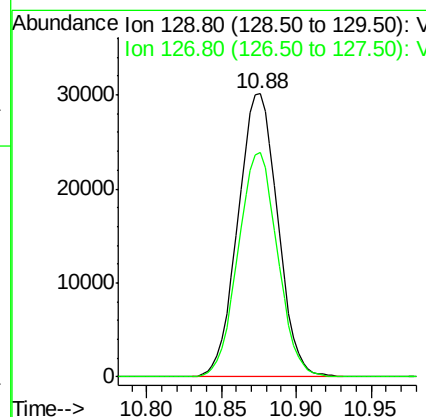
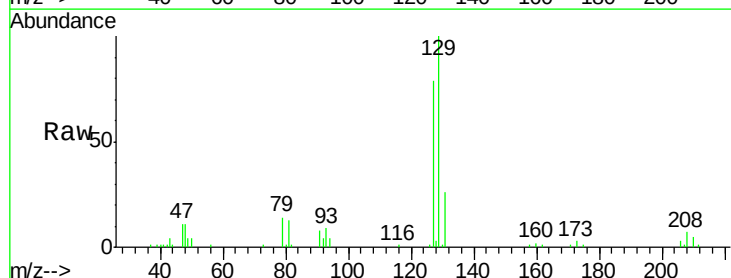
Manual Integrations
APPROVED

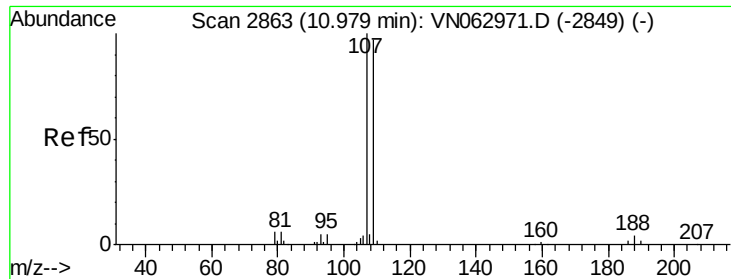
MMDadoda
8/18/2020 11:13:03 AM



#60
Dibromochloromethane
Concen: 18.662 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.4	115.2





#61

1,2-Dibromoethane

Concen: 18.454 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

Tot Ion:107 Resp: 50702

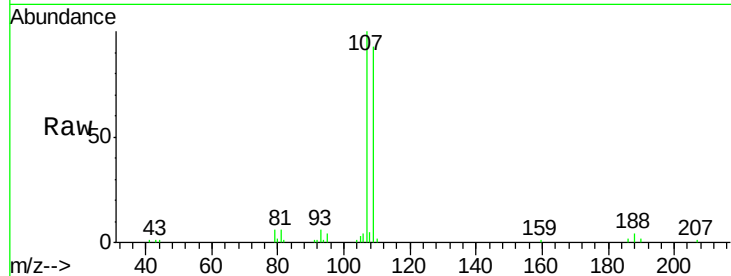
Ion Ratio Lower Upper

107 100

109 94.5 76.6 115.0

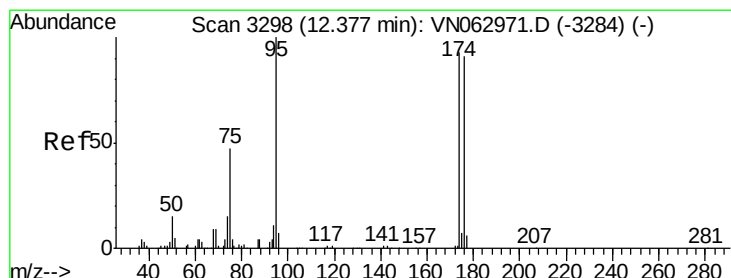
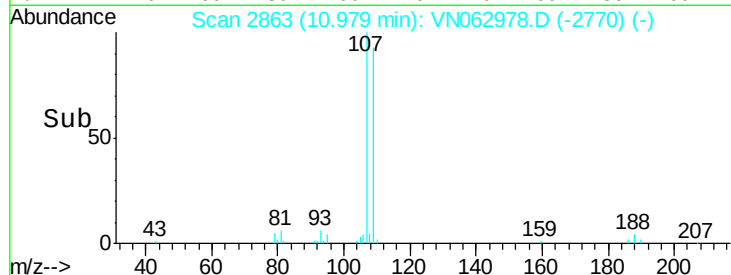
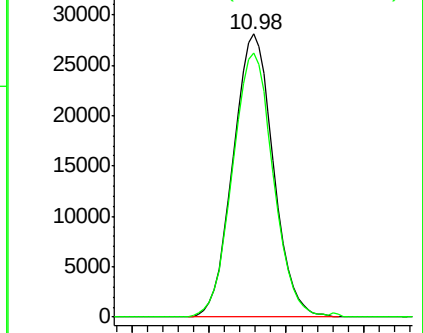
Manual Integrations
APPROVED

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.215 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

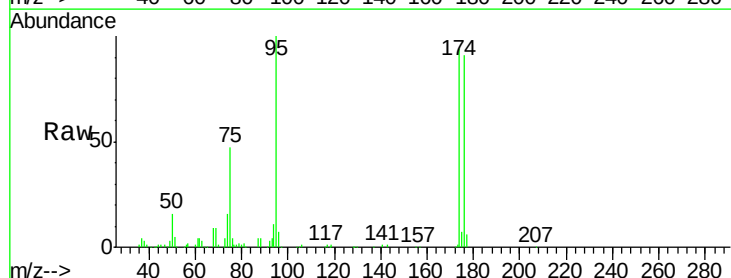
Tgt Ion: 95 Resp: 158856

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.2

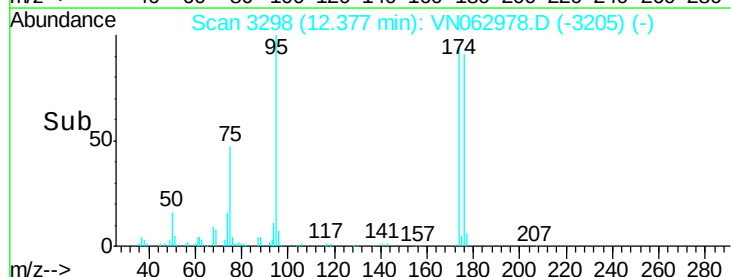
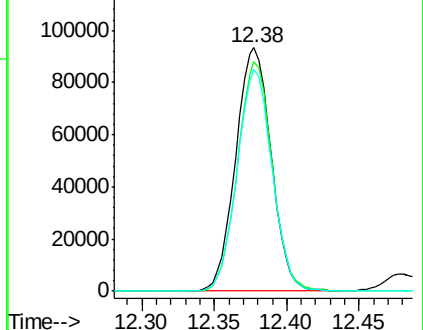
176 89.6 0.0 178.8

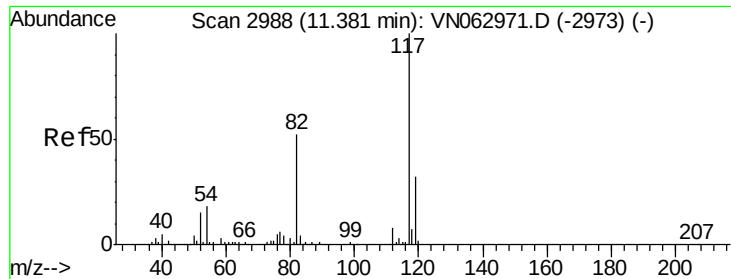


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





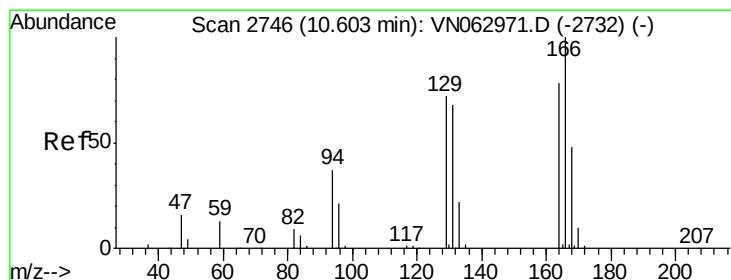
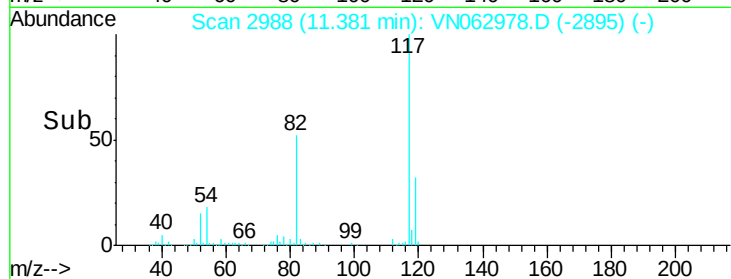
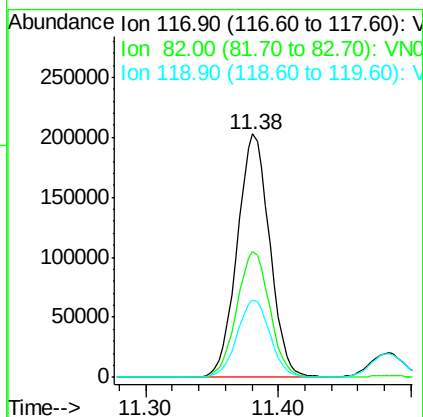
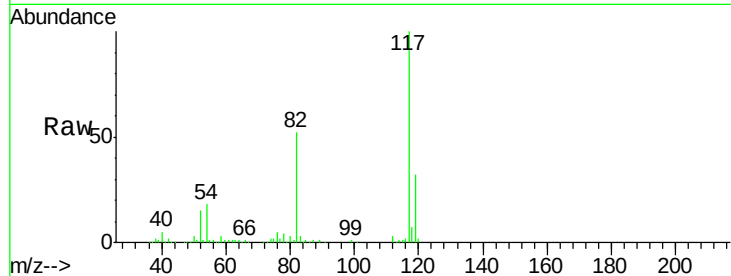
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	345487		
82	51.7		41.3	61.9
119	31.8		25.8	38.8

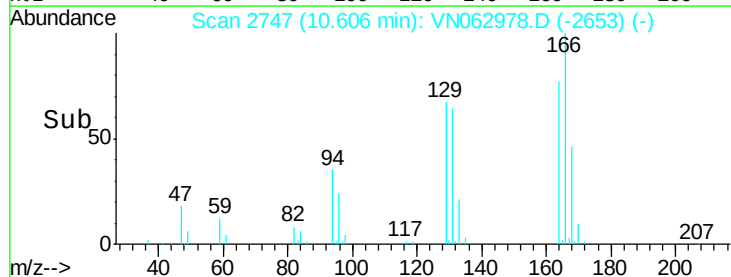
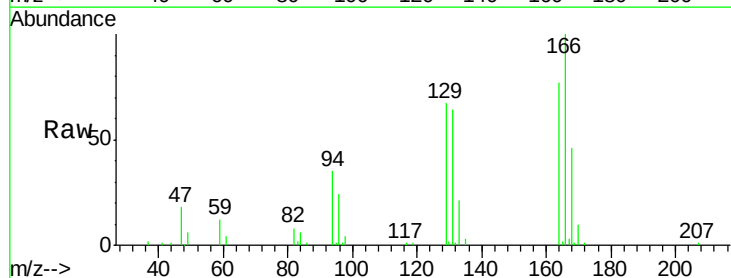
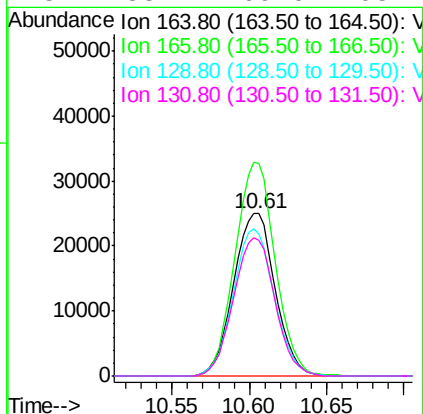
Manual Integrations
APPROVED

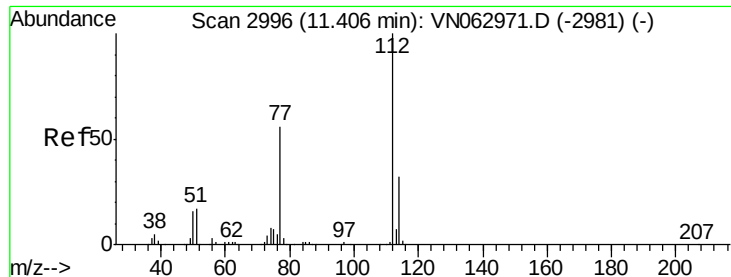
MMDadoda
8/18/2020 11:13:03 AM



#64
Tetrachloroethene
Concen: 19.661 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46590		
166	130.6		101.9	152.9
129	87.1		73.1	109.7
131	83.7		69.0	103.4





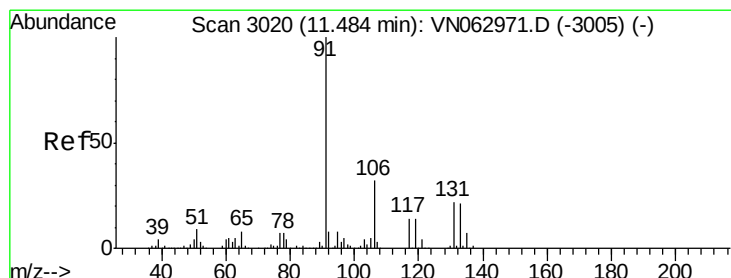
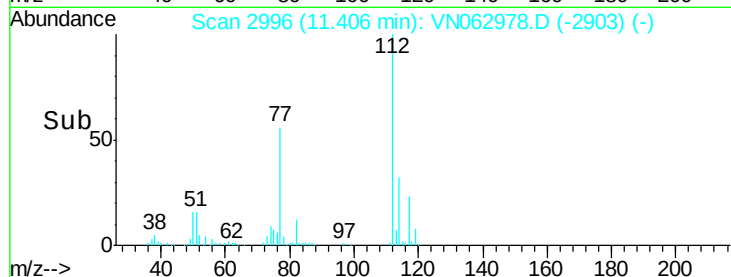
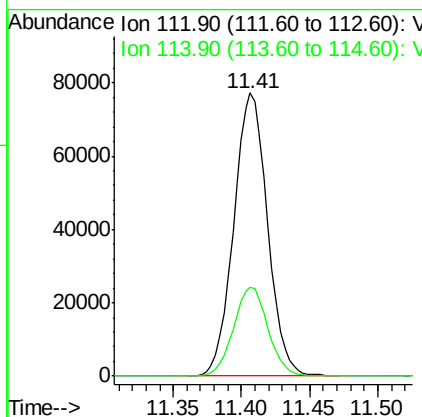
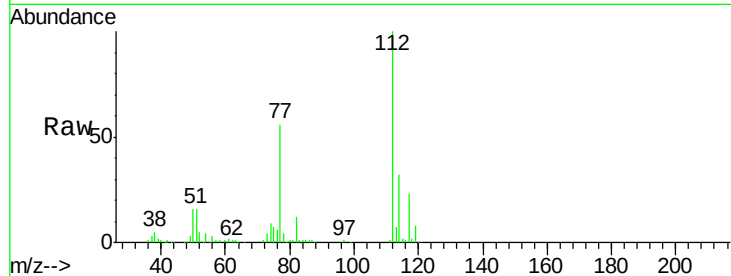
#65
Chlorobenzene
Concen: 18.764 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	132689		
114	31.6	25.4	38.2	

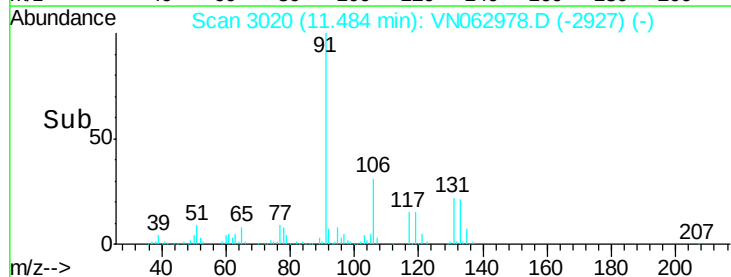
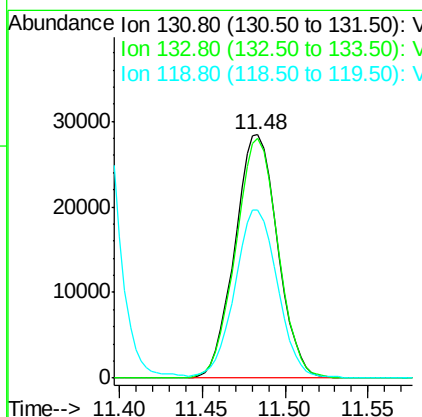
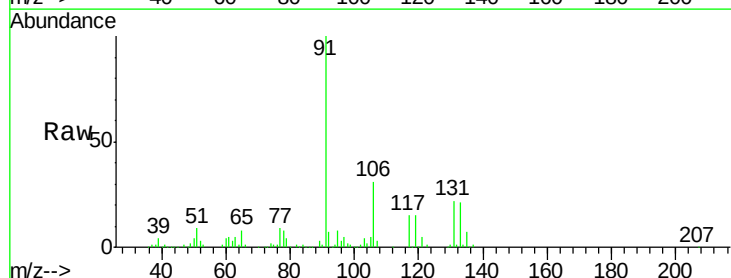
Manual Integrations
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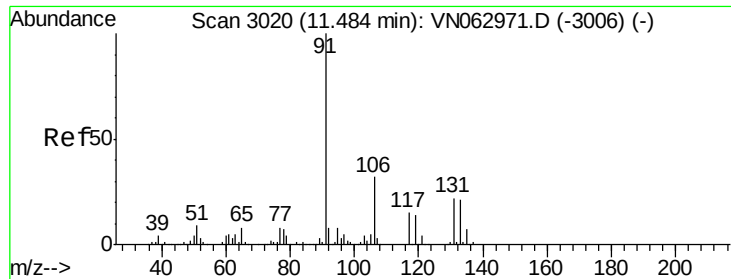
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.570 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	51003		
133	97.5	47.8	143.4	
119	69.4	32.4	97.0	





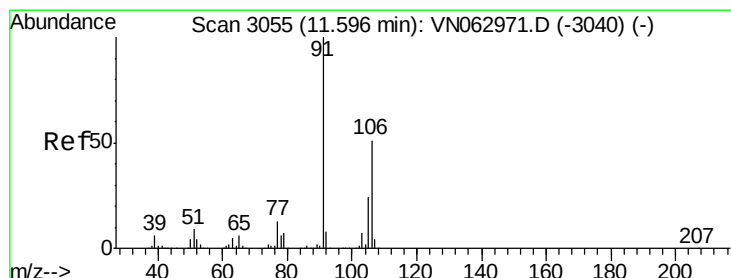
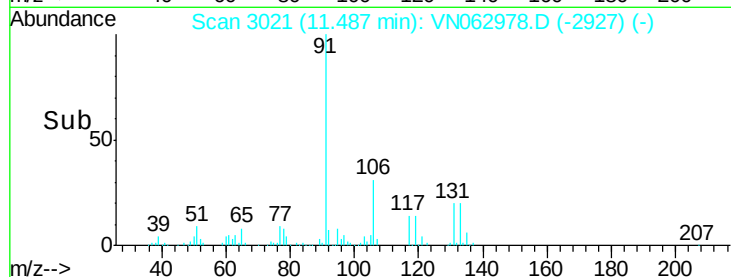
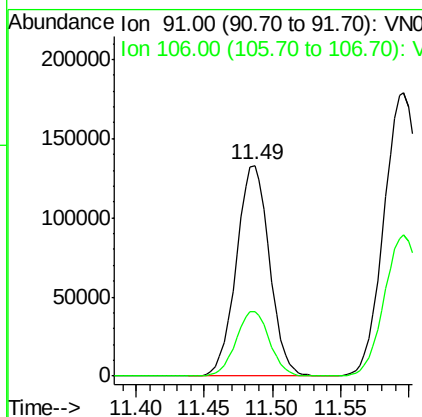
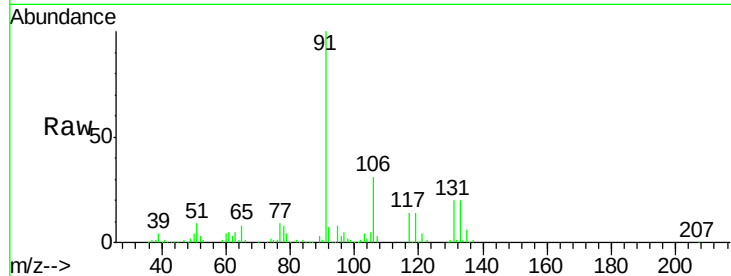
#67
Ethyl Benzene
Concen: 18.861 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion: 91 Resp: 224699
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9

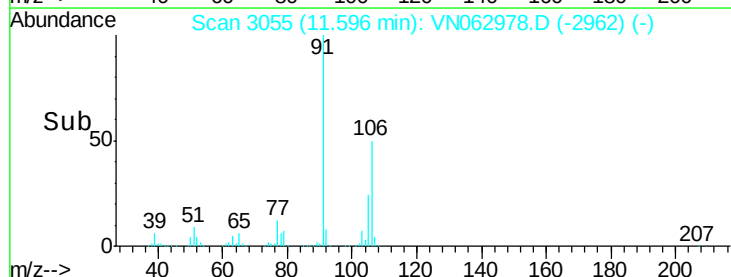
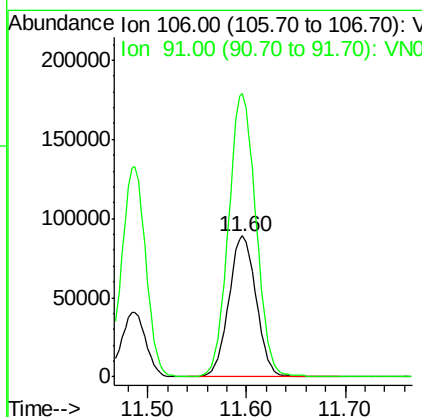
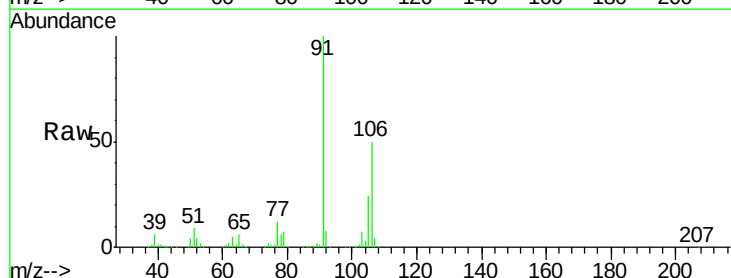
Manual Integrations
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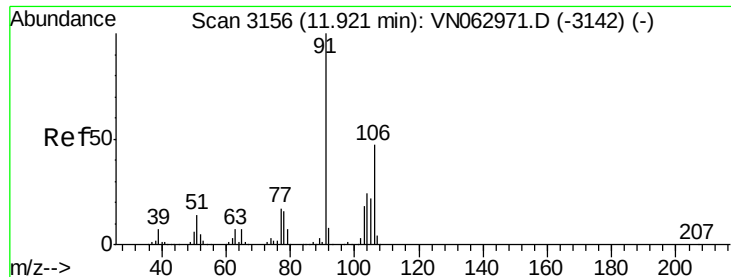
MMDadoda
8/18/2020 11:13:03 AM



#68
m/p-Xylenes
Concen: 38.463 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 106 Resp: 173032
Ion Ratio Lower Upper
106 100
91 199.8 158.7 238.1





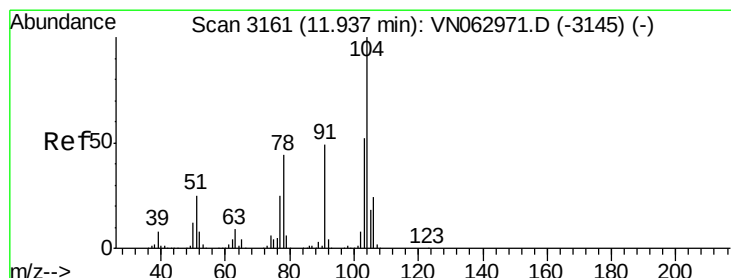
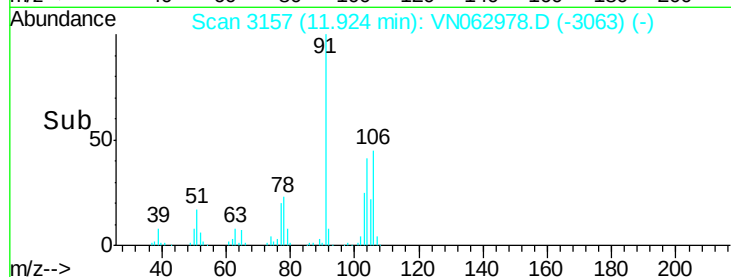
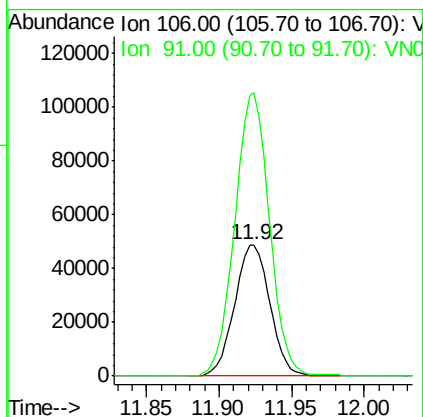
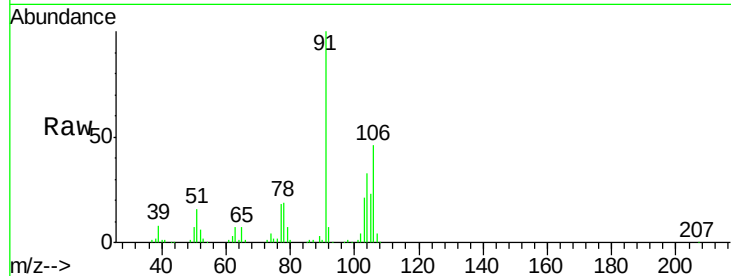
#69
o-Xylene
Concen: 19.299 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		82471		
91	212.8	106.3	318.8		

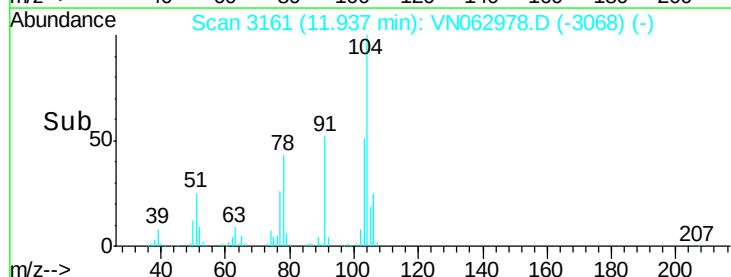
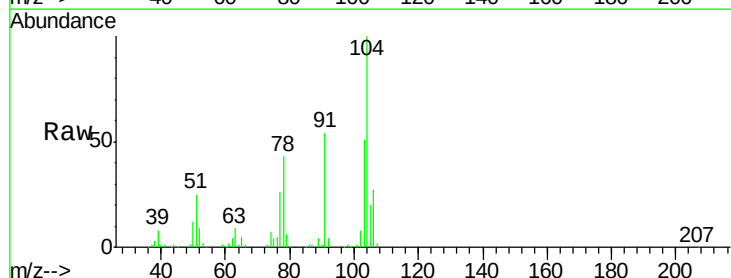
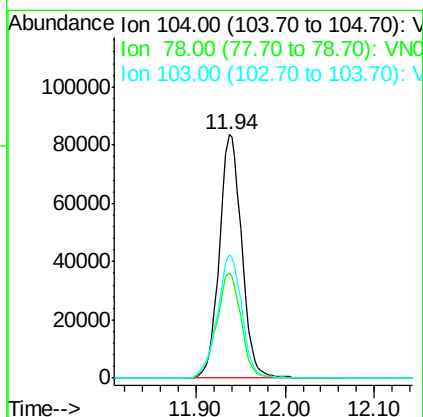
Manual Integrations
APPROVED

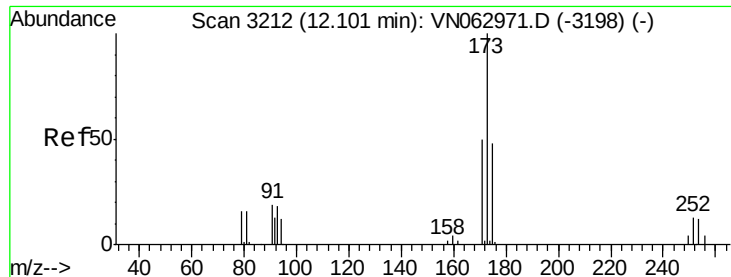
MMDadoda
8/18/2020 11:13:03 AM



#70
Styrene
Concen: 19.594 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		145226		
78	47.0	38.2	57.4		
103	54.9	44.9	67.3		





#71

Bromoform

Concen: 19.969 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS01

Tot Ion:173 Resp: 45844

Ion Ratio Lower Upper

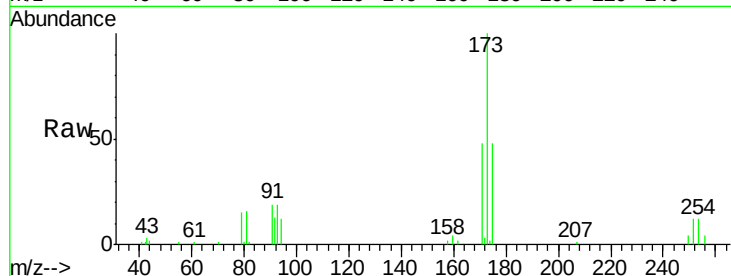
173 100

175 48.7 24.1 72.2

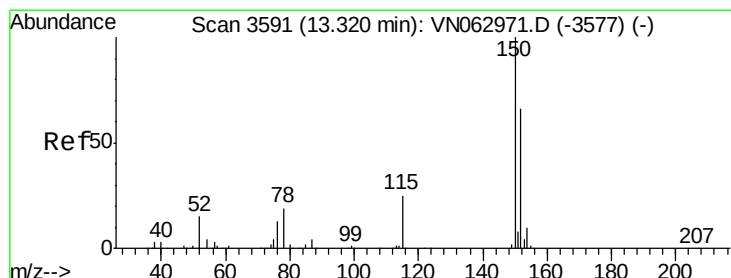
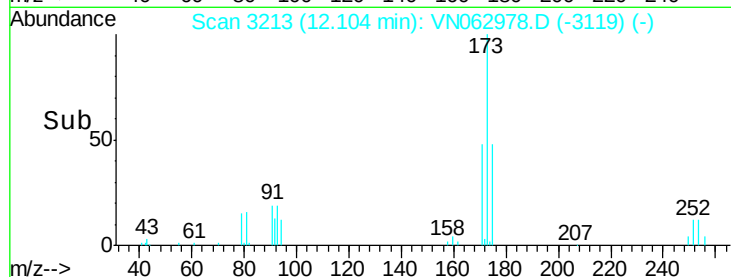
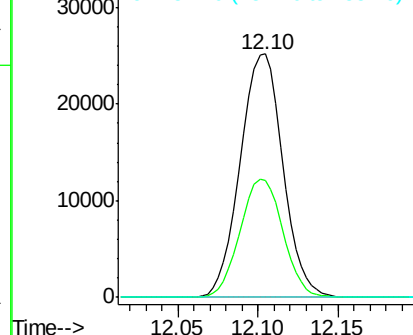
254 0.0 0.0 0.0

Manual Integrations
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MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

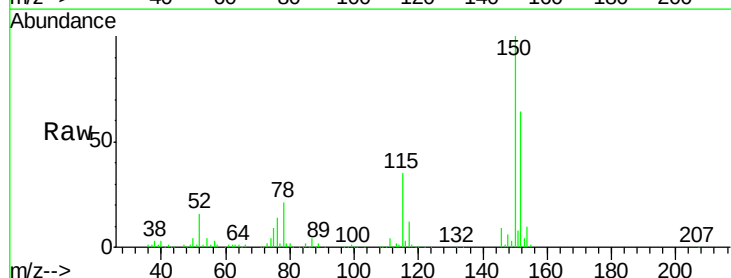
Tgt Ion:152 Resp: 169911

Ion Ratio Lower Upper

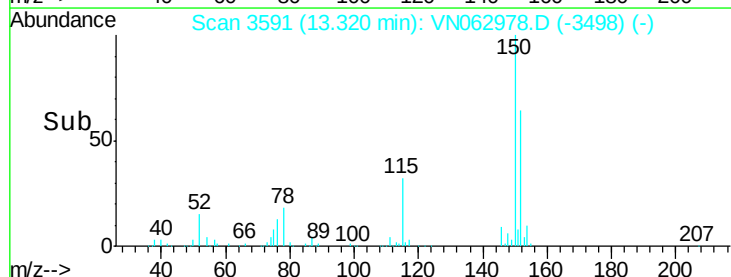
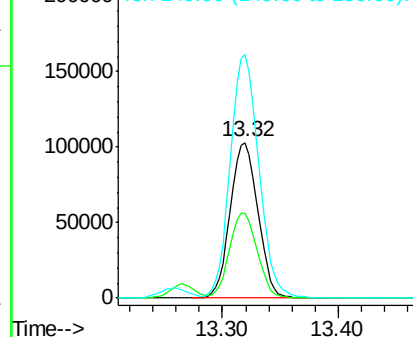
152 100

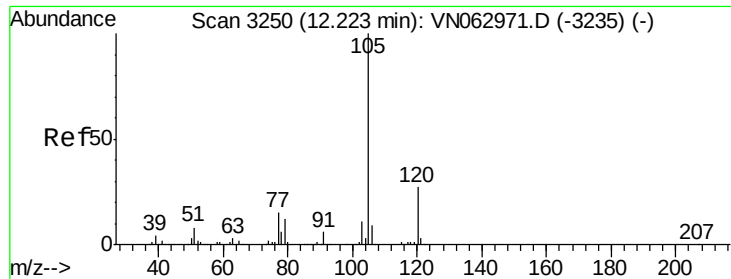
115 54.4 27.1 81.3

150 160.7 0.0 341.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





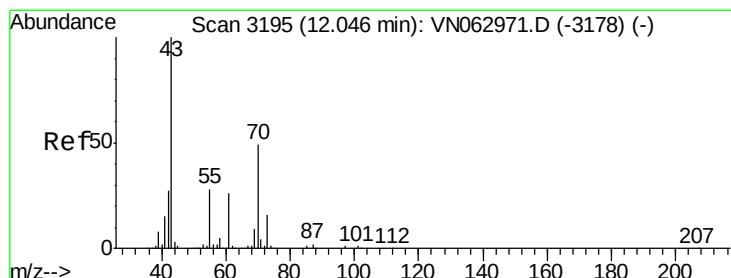
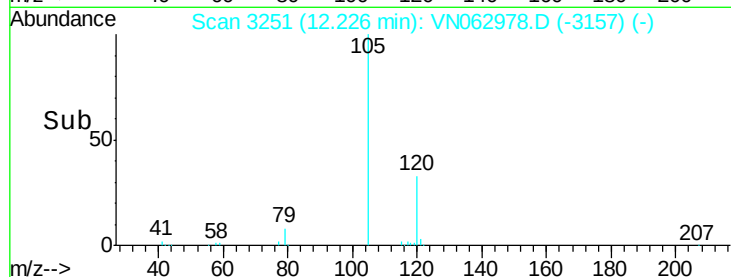
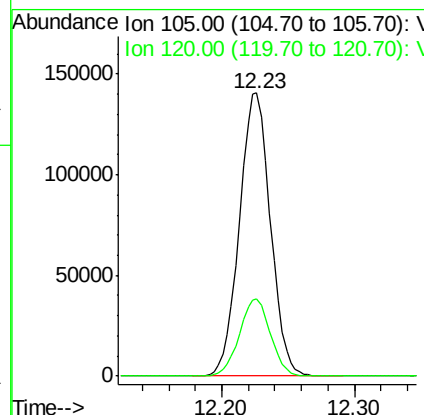
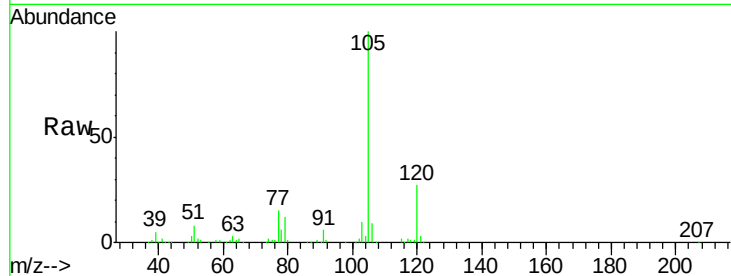
#73
Isopropylbenzene
Concen: 19.447 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion:105 Resp: 227955
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

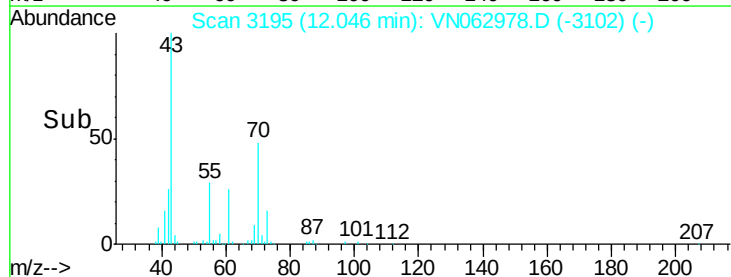
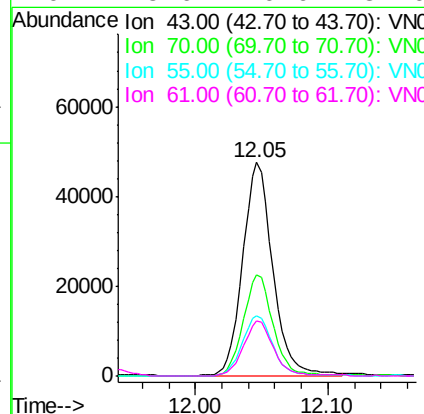
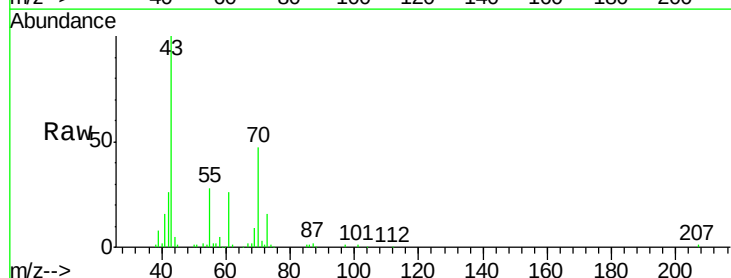
Manual Integrations
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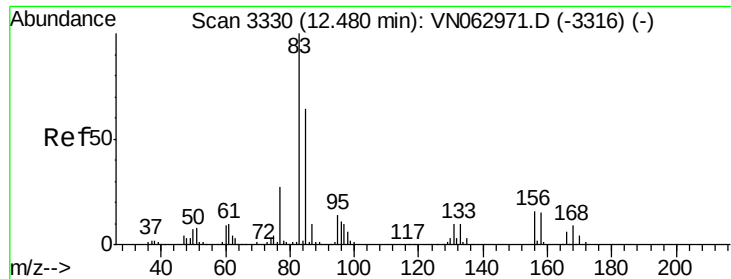
MMDadoda
8/18/2020 11:13:03 AM



#74
N-ethyl acetate
Concen: 18.742 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion: 43 Resp: 75418
Ion Ratio Lower Upper
43 100
70 47.0 38.4 57.6
55 28.4 21.9 32.9
61 25.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.412 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

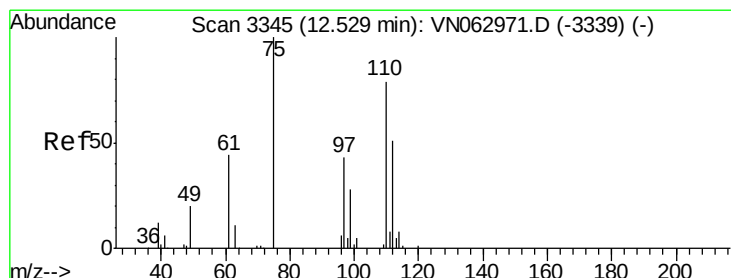
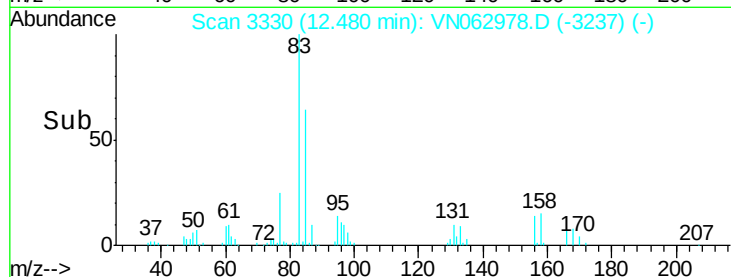
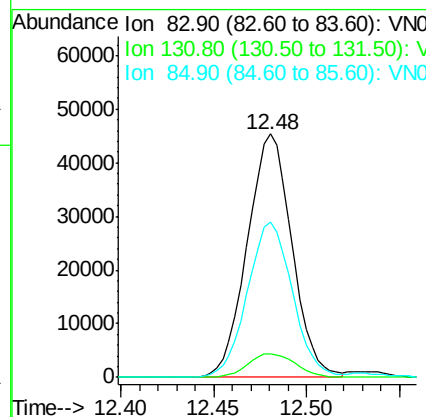
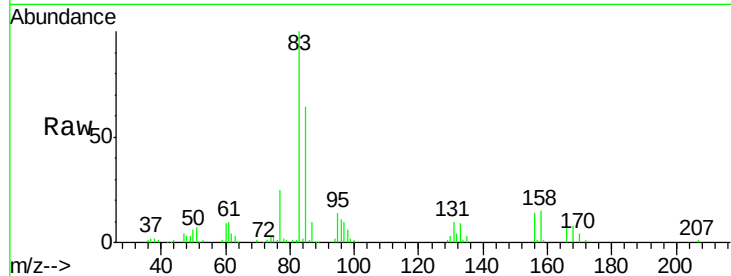
ClientSampleId :

VN0817MBS01

Tot Ion:	83	Resp:	75718
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	16.1
85	64.4	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.003 ug/l m

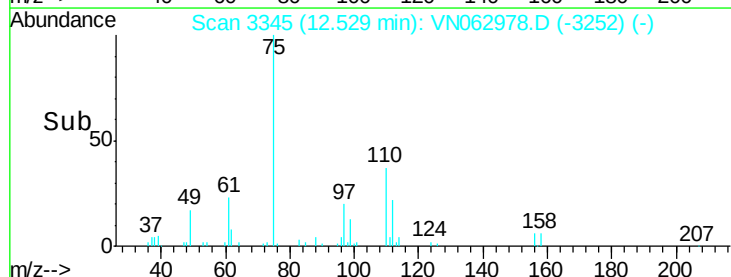
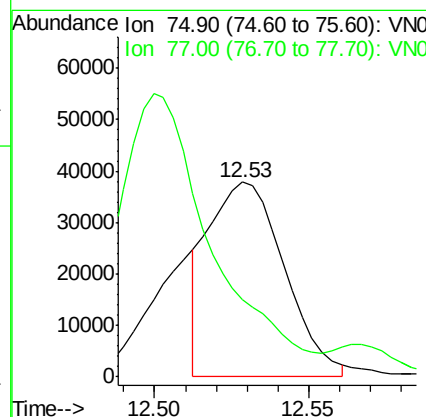
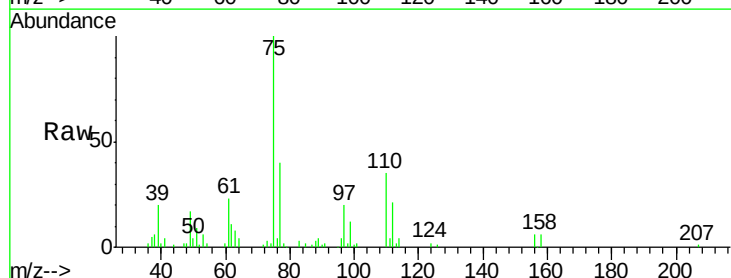
RT: 12.53 min Scan# 3345

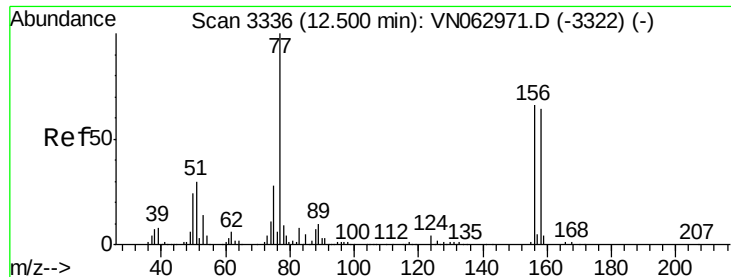
Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Tgt Ion:	75	Resp:	64346
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.391 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

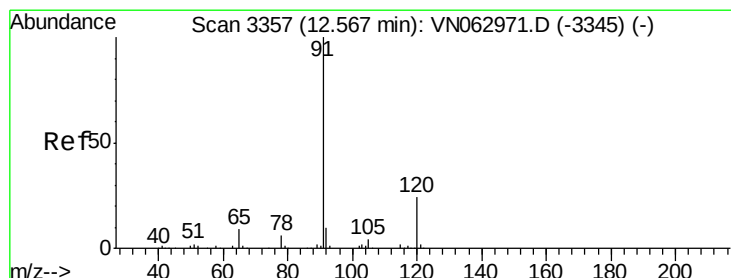
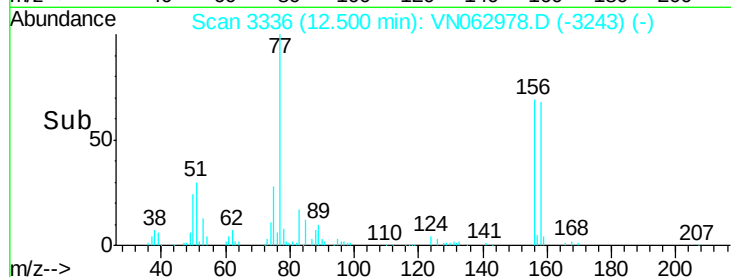
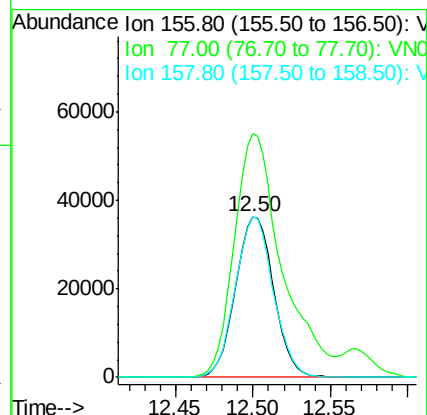
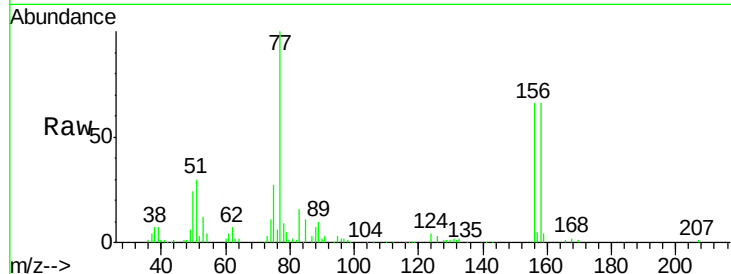
ClientSampleId :

VN0817MBS01

Tot Ion:	156	Resp:	62154
Ion Ratio	Lower	Upper	
156	100		
77	190.2	92.4	277.2
158	99.3	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 18.189 ug/l

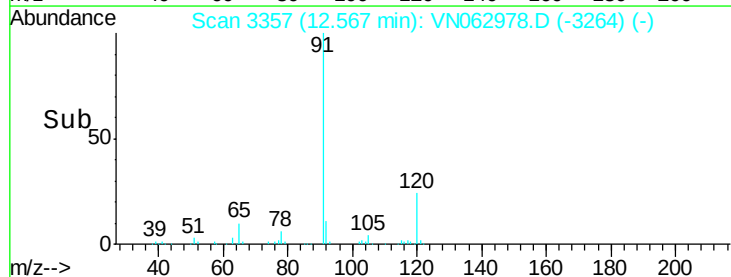
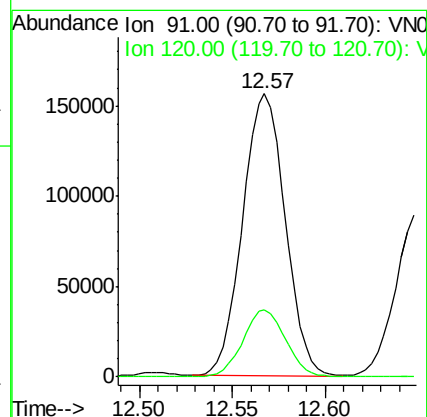
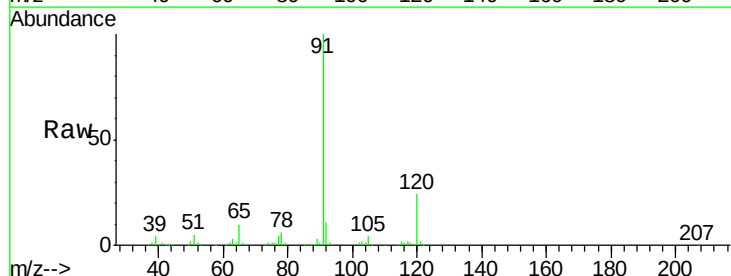
RT: 12.57 min Scan# 3357

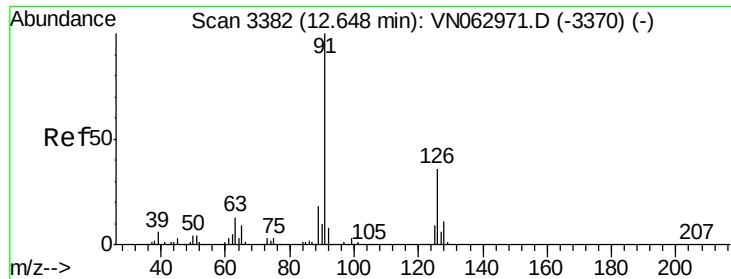
Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Tgt Ion:	91	Resp:	248761
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.1	36.3





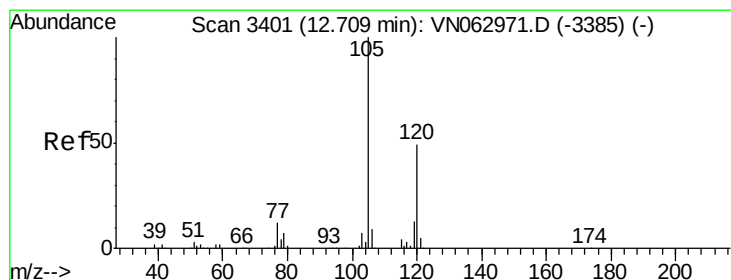
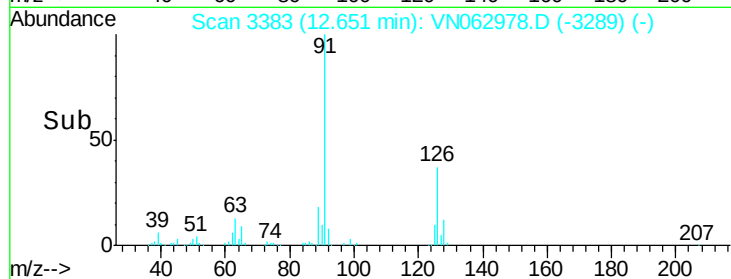
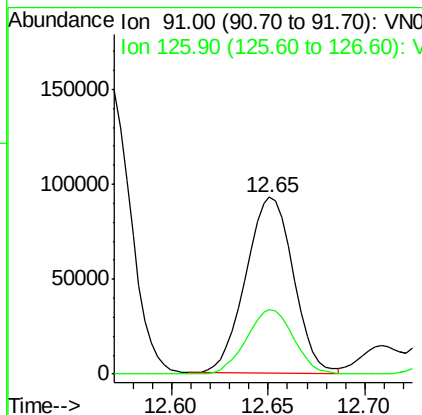
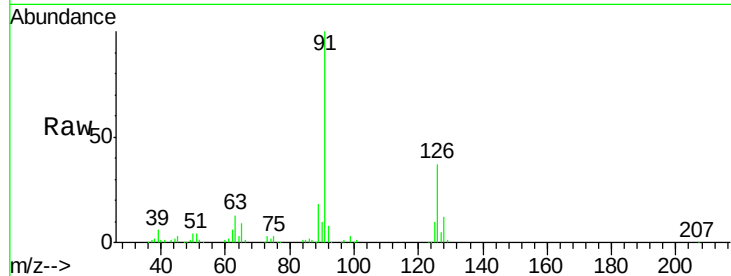
#79
 2-Chlorotoluene
 Concen: 19.258 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampled :
 VN0817MBS01

Tot Ion: 91 Resp: 158297
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.1 54.3

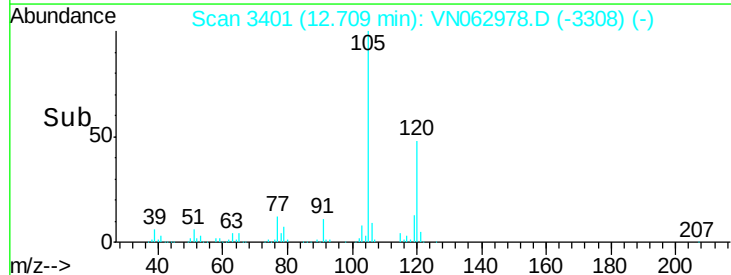
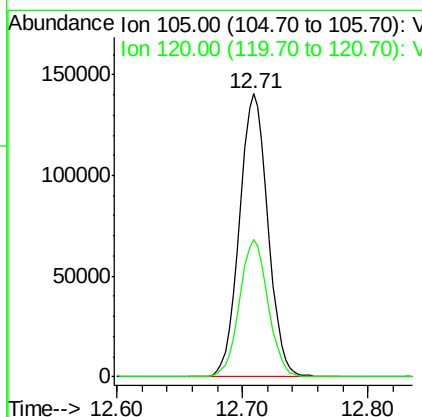
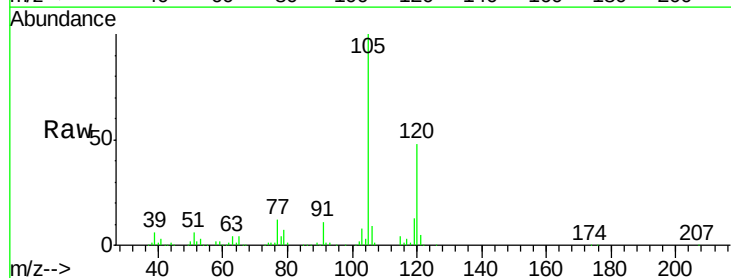
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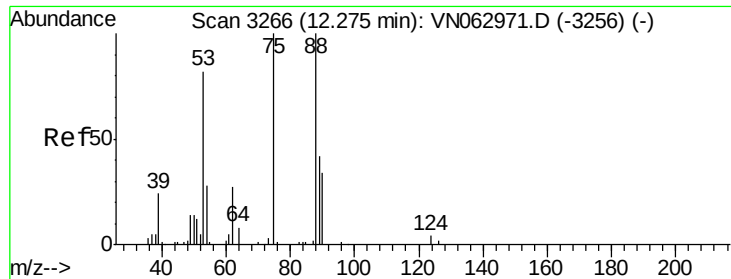
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.511 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion: 105 Resp: 222023
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.7





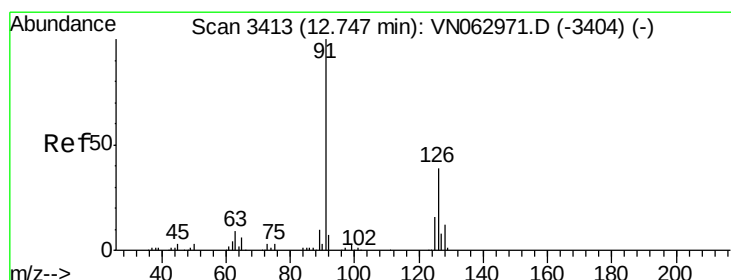
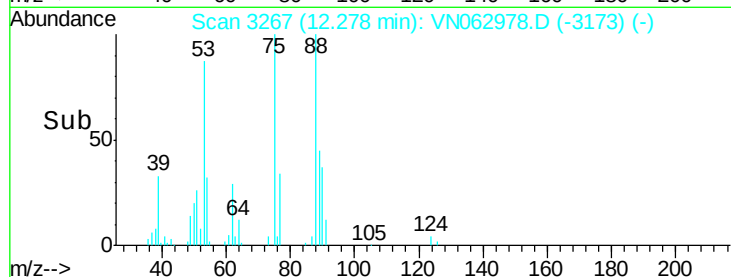
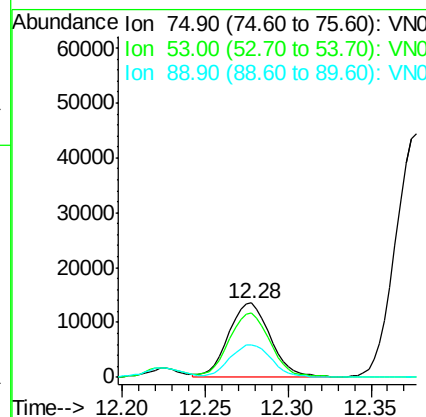
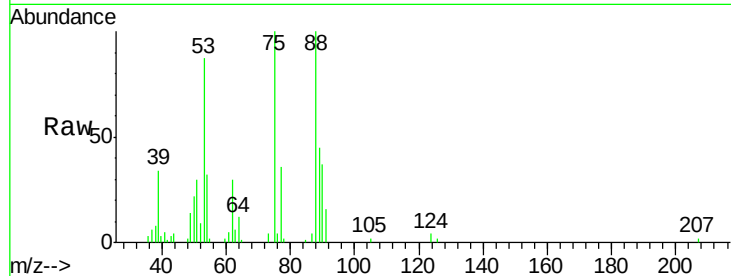
#81
trans-1,4-Dichloro-2-butene
Concen: 19.111 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.9	66.2	99.2
89	43.5	35.0	52.4

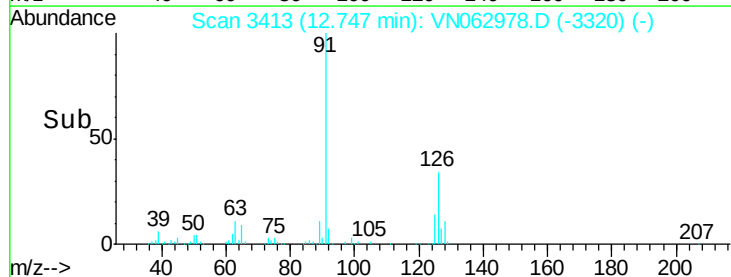
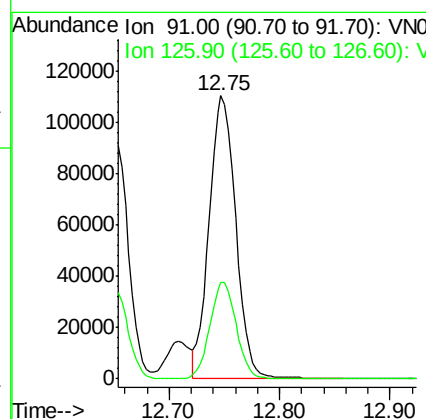
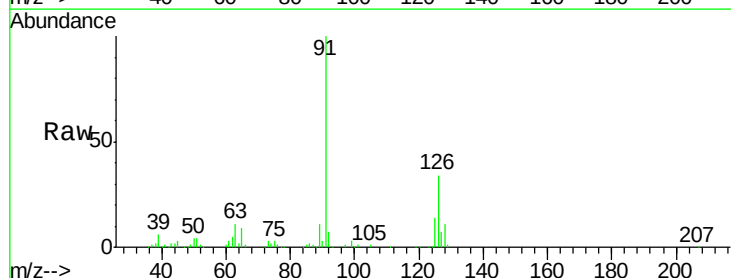
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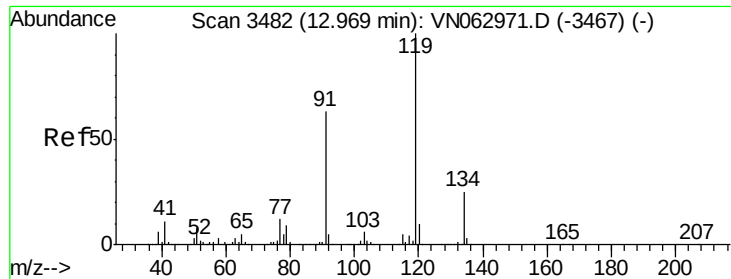
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#82
4-Chlorotoluene
Concen: 21.921 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.6	52.8





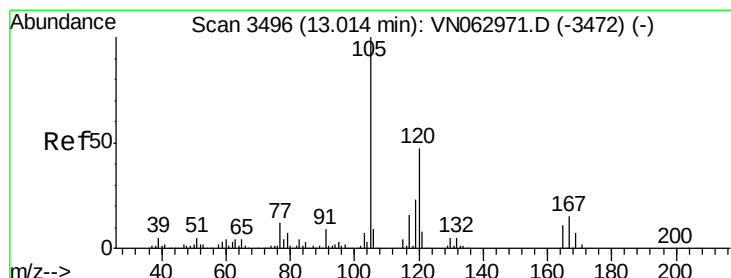
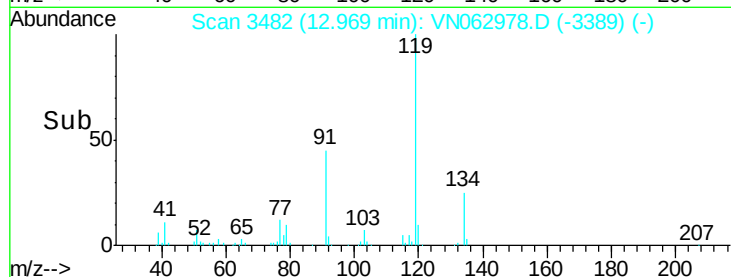
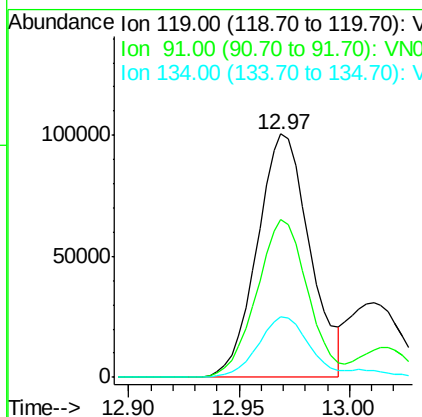
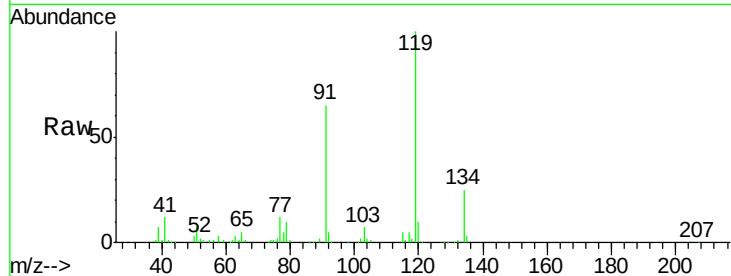
#83
 tert-Butylbenzene
 Concen: 19.474 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	165624		
91	63.4		31.0	93.0
134	24.4		13.3	39.8

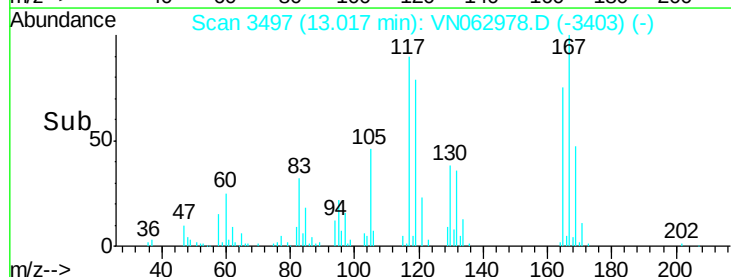
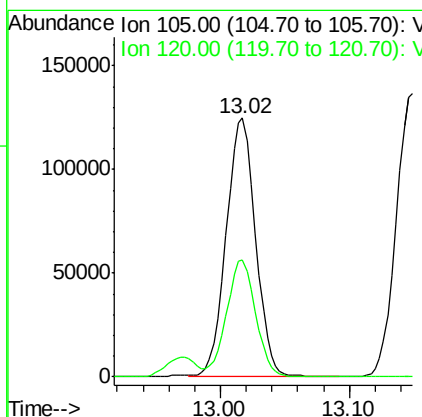
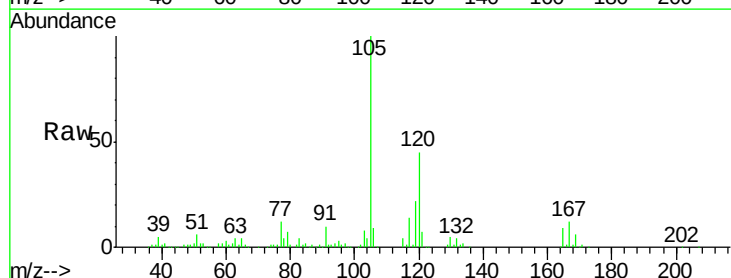
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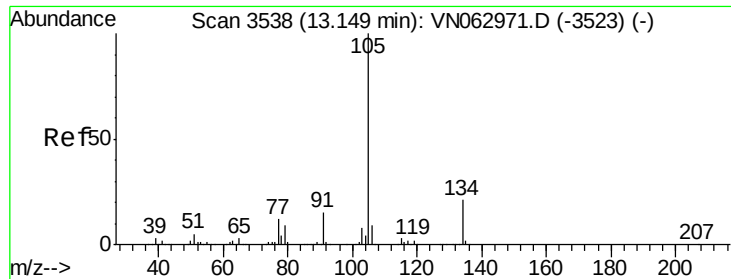
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.679 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	197349		
120	44.7		23.2	69.6





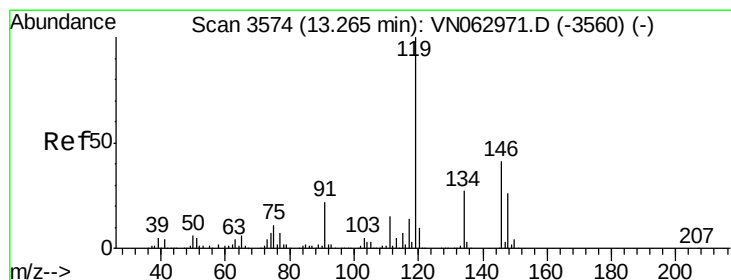
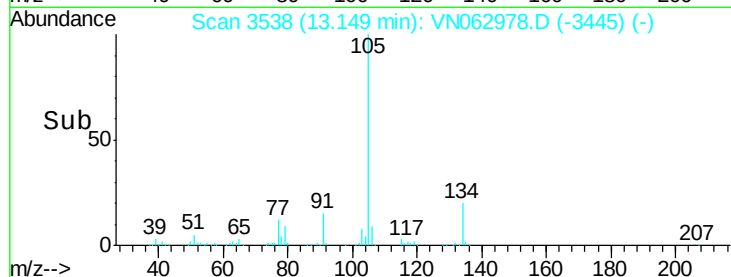
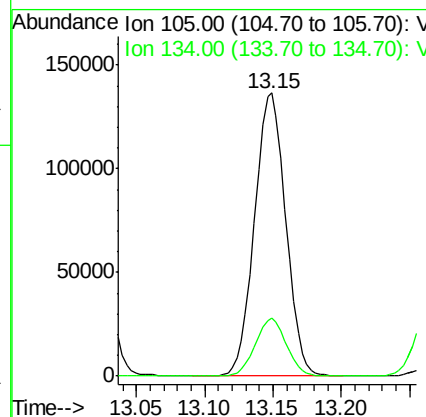
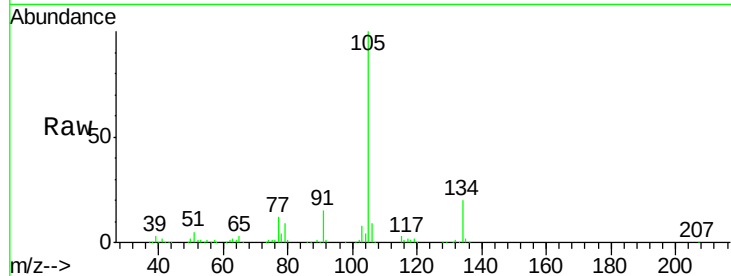
#85
 sec-Butylbenzene
 Concen: 19.432 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampled :
 VN0817MBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.4	31.1

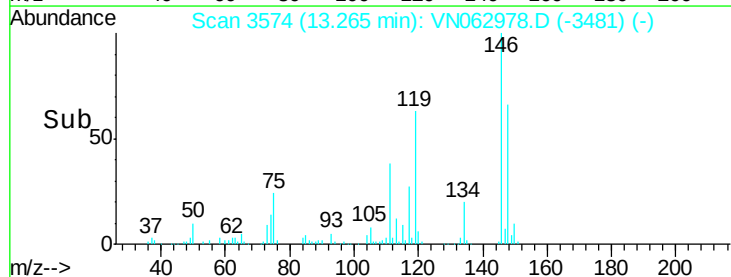
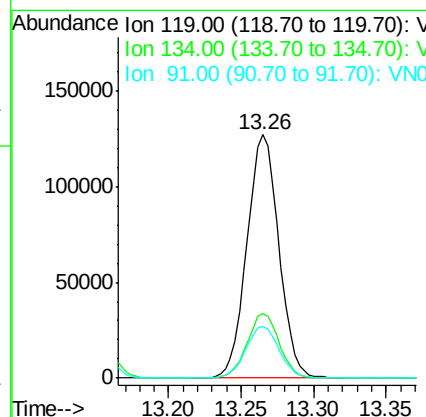
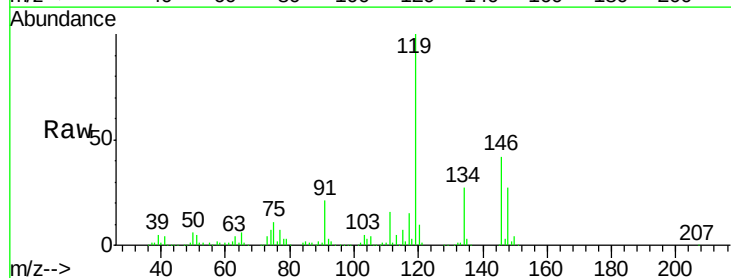
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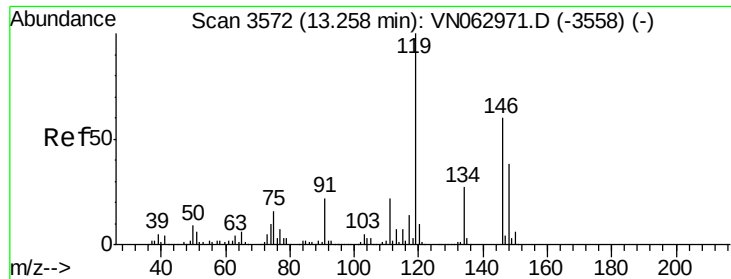
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#86
 p-Isopropyltoluene
 Concen: 19.615 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.6	40.7
91	22.3	11.1	33.1





#87

1,3-Dichlorobenzene

Concen: 19.137 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

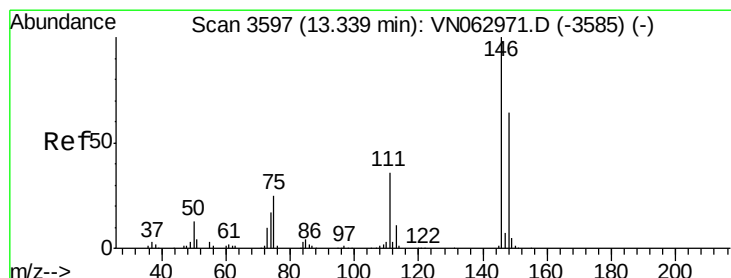
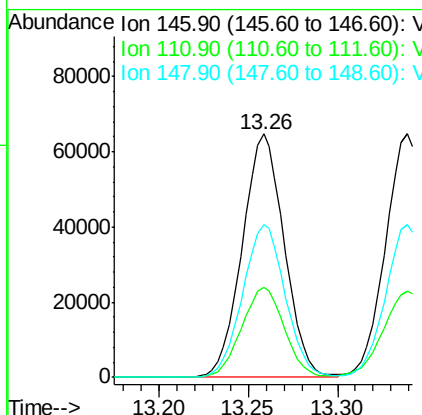
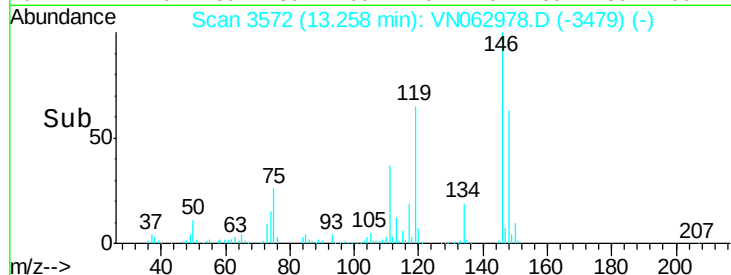
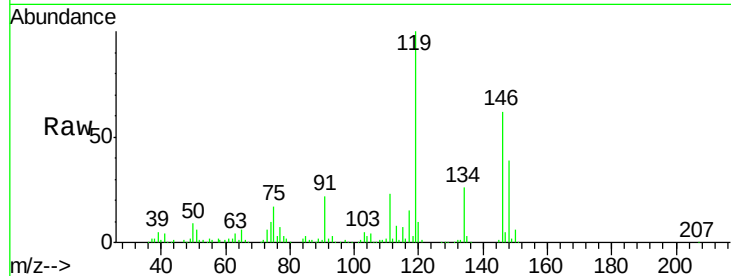
ClientSampleId :

VN0817MBS01

Tot Ion:	146	Resp:	106514
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.5
148	64.0	31.7	95.1

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.742 ug/l

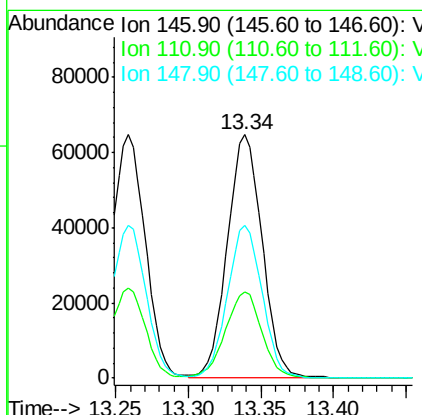
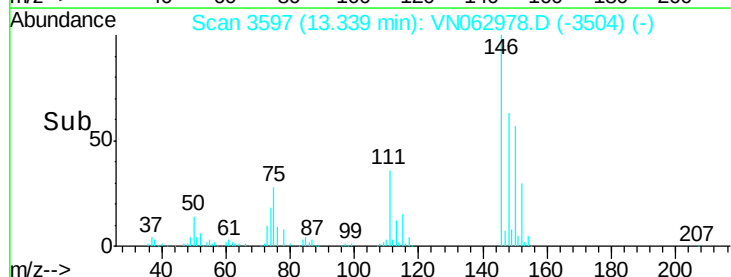
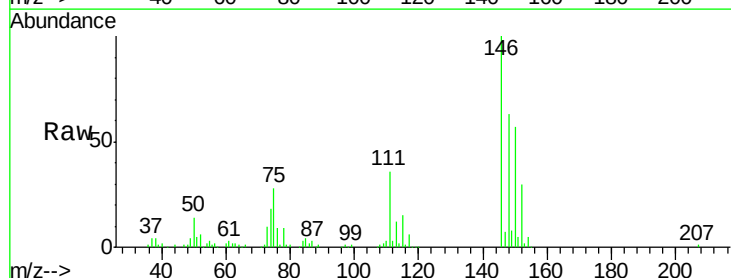
RT: 13.34 min Scan# 3597

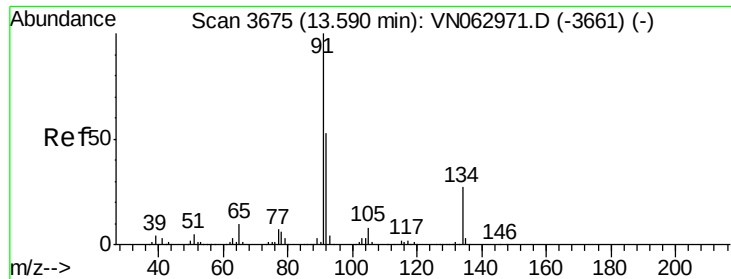
Delta R.T. -0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Tgt Ion:	146	Resp:	107505
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.4	55.2
148	63.2	32.1	96.5





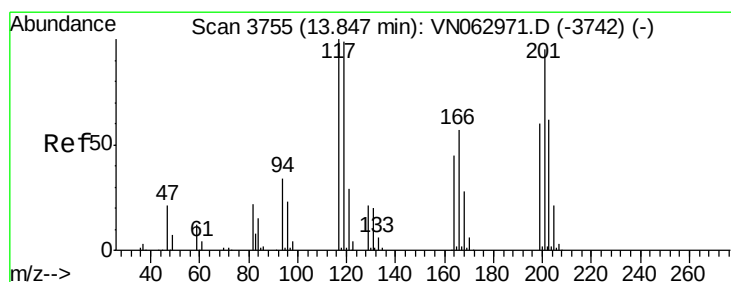
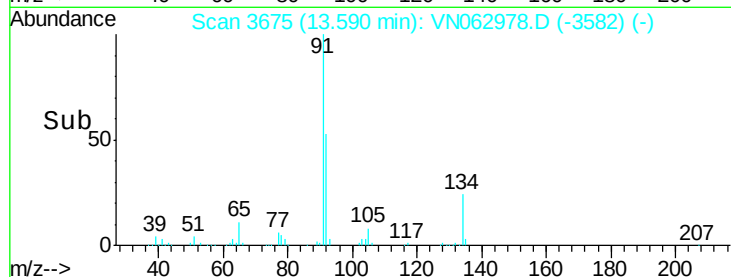
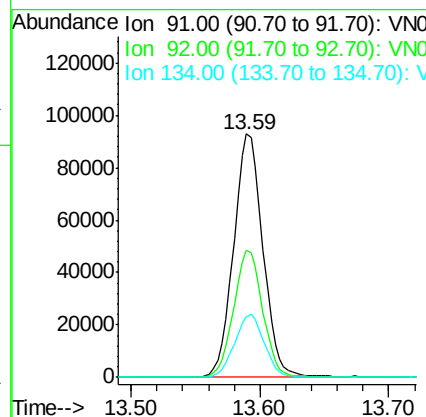
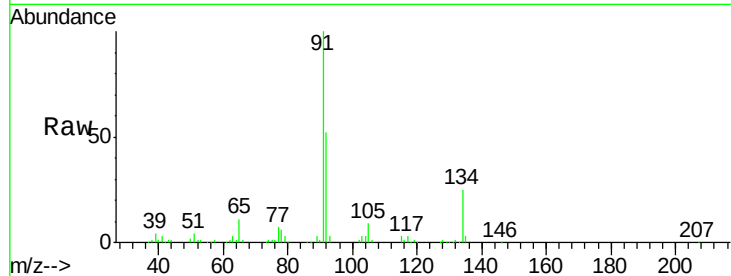
#89
n-Butylbenzene
Concen: 18.121 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.3	78.8
134	26.2	13.4	40.2

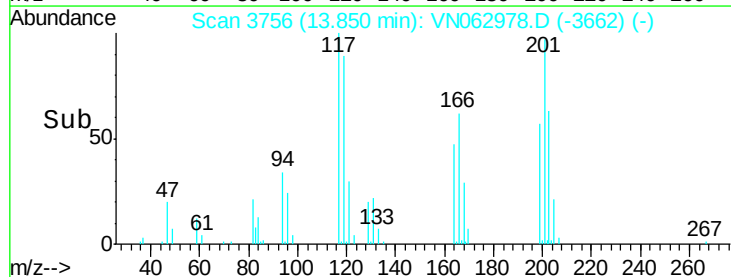
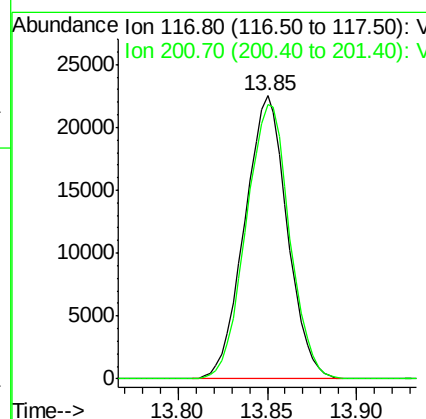
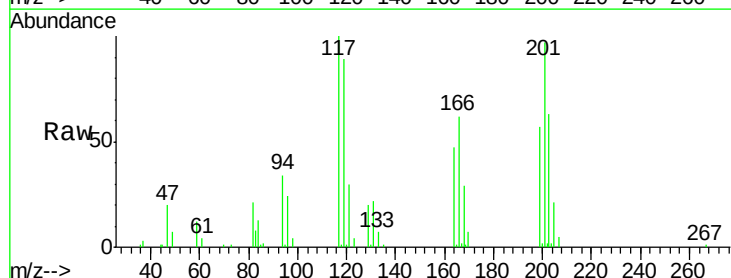
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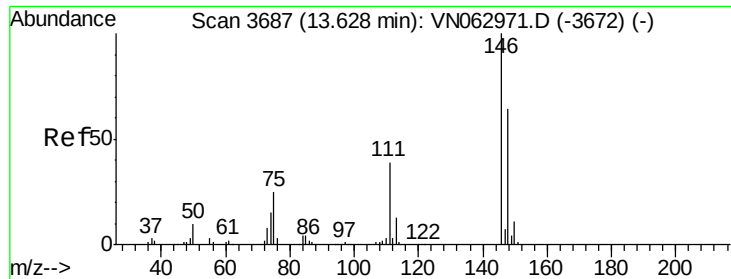
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#90
Hexachloroethane
Concen: 18.546 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062978.D
Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.7	48.4	145.3





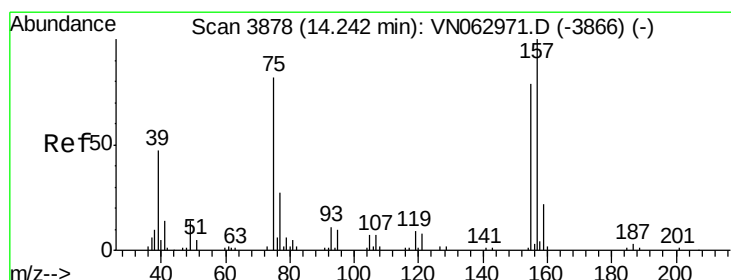
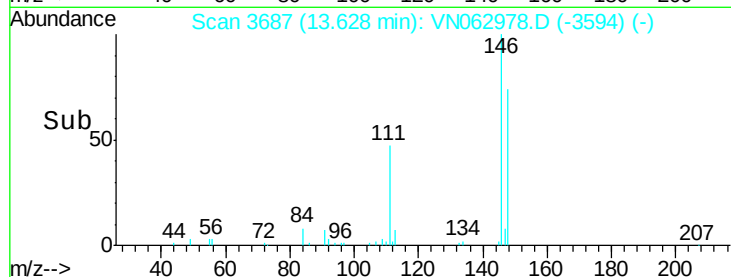
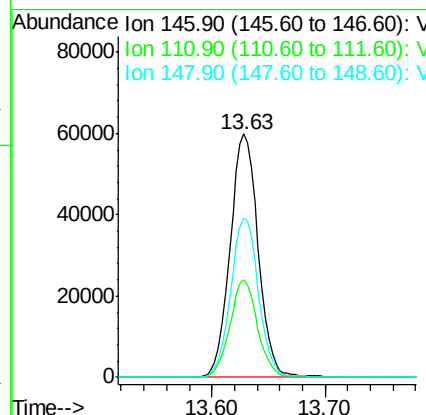
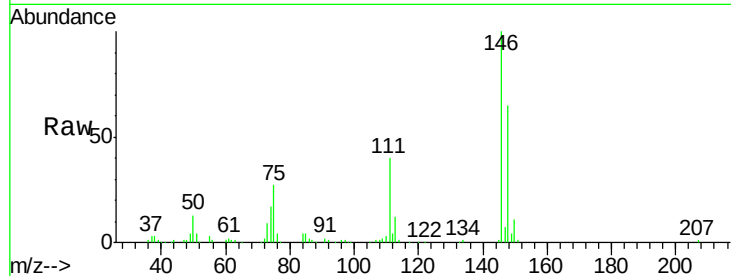
#91
 1,2-Dichlorobenzene
 Concen: 19.188 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.4
148	65.3	32.5	97.5

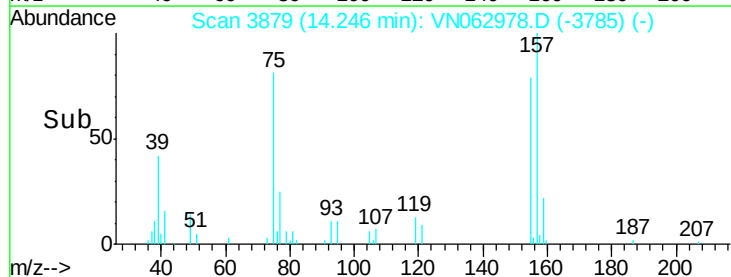
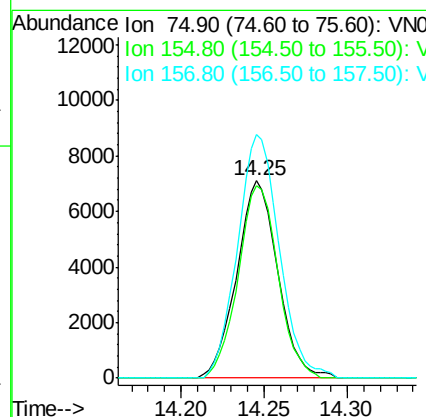
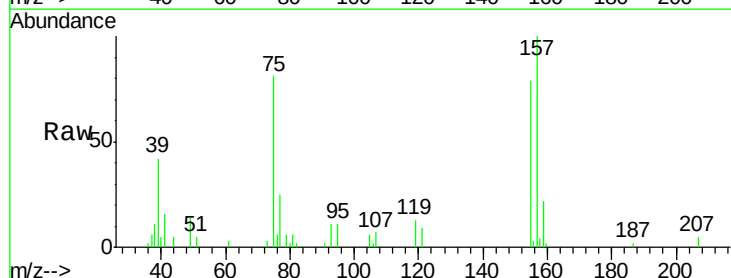
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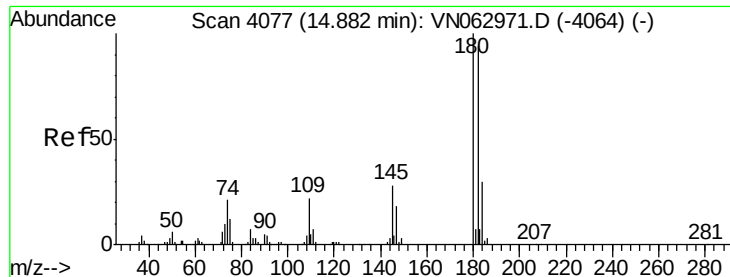
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.215 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	47.6	142.8
157	125.5	61.4	184.1





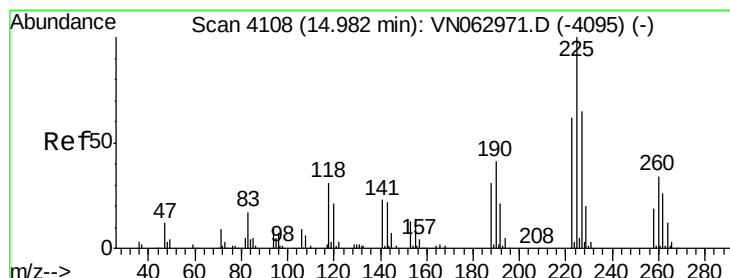
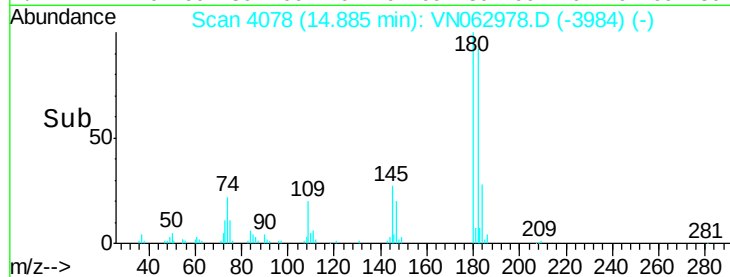
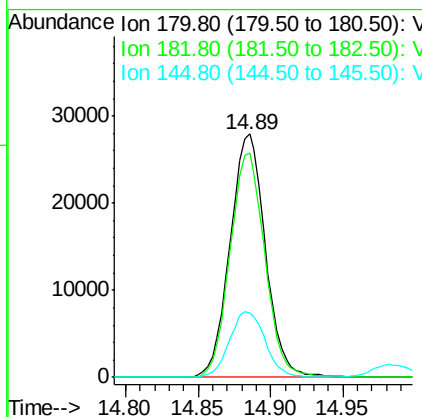
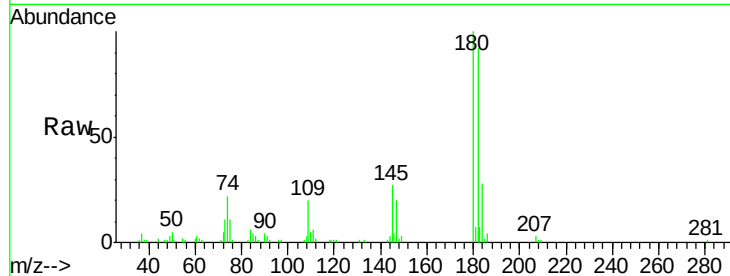
#93
 1,2,4-Trichlorobenzene
 Concen: 18.390 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	47226		
182	91.2		47.8	143.3
145	27.3		13.9	41.7

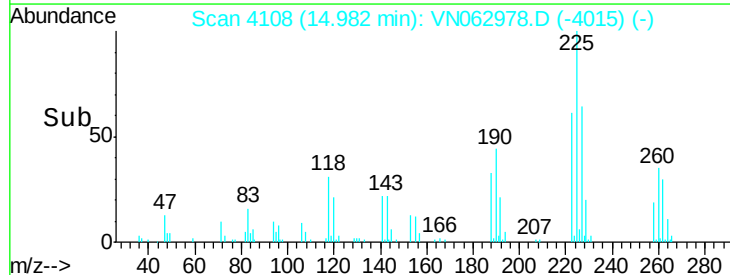
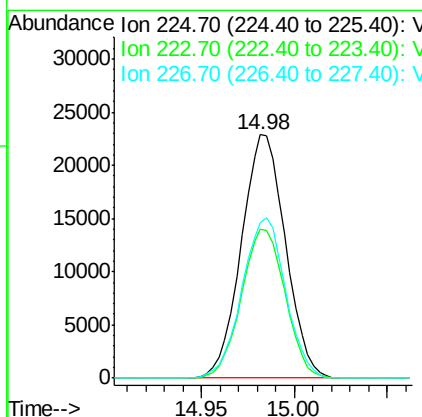
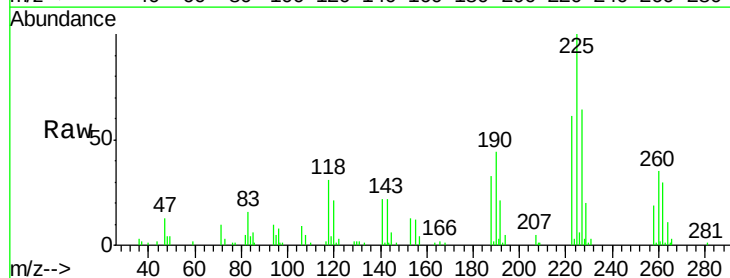
Manual Integrations
 APPROVED

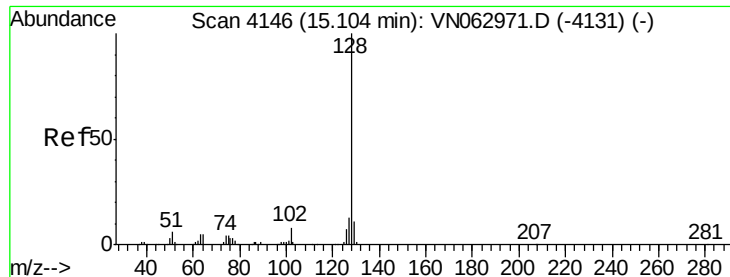
MMDadoda
 8/18/2020 11:13:03 AM



#94
 Hexachlorobutadiene
 Concen: 18.263 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062978.D
 Acq: 17 Aug 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	37921		
223	60.4		30.9	92.5
227	65.0		32.0	96.0





#95

Naphthalene

Concen: 18.736 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_N

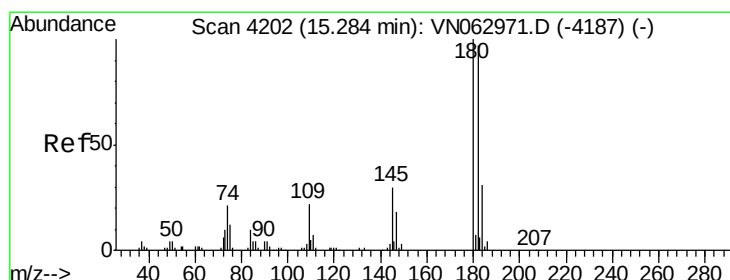
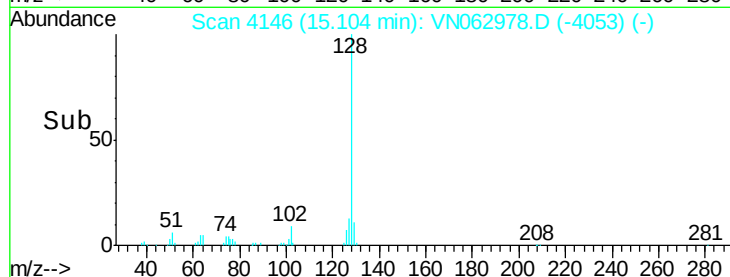
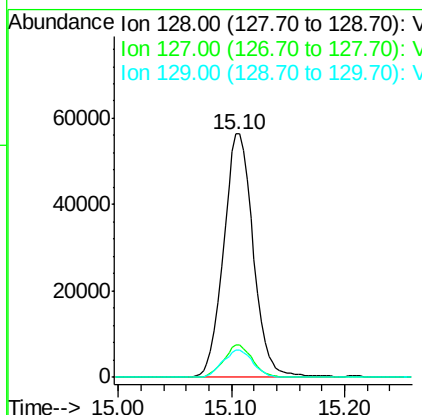
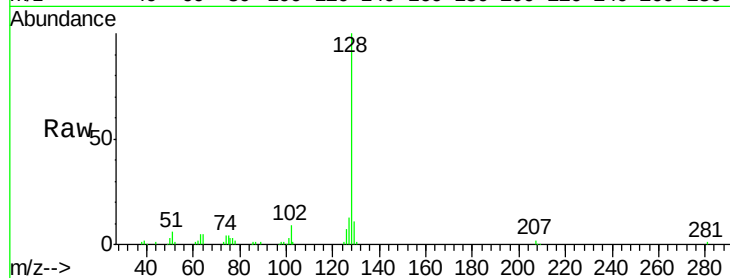
ClientSampled :

VN0817MBS01

Tot Ion:	128	Resp:	102946
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	15.8
129	11.3	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
8/18/2020 11:13:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.995 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062978.D

Acq: 17 Aug 2020 19:07

Tgt Ion:	180	Resp:	46512
Ion Ratio	Lower	Upper	
180	100		
182	96.3	49.3	147.8
145	29.6	15.0	45.0

