

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062927.D
 Acq On : 13 Aug 2020 22:32
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 9:19:56 AM

Quant Time: Aug 14 05:39:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 14 05:30:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	27216	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	138220	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	125149	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	73435	31.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.63%
60) 4-Bromofluorobenzene	12.38	95	64846	30.50	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.67%
63) Toluene-d8	10.06	98	178199	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	8800	4.921 ug/l	90
3) Chloromethane	2.03	50	9334	4.167 ug/l	94
4) Vinyl Chloride	2.16	62	9316	4.652 ug/l	100
5) Bromomethane	2.51	94	10206	8.596 ug/l	96
6) Chloroethane	2.66	64	9167	7.786 ug/l #	85
7) Trichlorofluoromethane	2.98	101	20604	7.330 ug/l	100
8) Diethyl Ether	3.37	74	4998	4.587 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	7871	5.252 ug/l	90
10) 1,1-Dichloroethene	3.70	96	7194m	4.799 ug/l	
11) Methyl Iodide	3.91	142	8147	4.342 ug/l	94
12) Methyl Acetate	4.28	43	9898m	4.809 ug/l	
13) Acrolein	3.57	56	6598	22.568 ug/l	100
14) Acrylonitrile	4.94	53	17916	18.998 ug/l #	17
15) Acetone	3.78	58	5447	19.846 ug/l	93
16) Carbon Disulfide	4.00	76	22952	4.819 ug/l #	95
17) Allyl chloride	4.27	41	11310	3.720 ug/l	94
18) Methylene Chloride	4.50	84	9354	5.054 ug/l	96
19) trans-1,2-Dichloroethene	4.99	96	7986	4.821 ug/l	91
20) Diisopropyl ether	5.90	45	22804	3.524 ug/l #	86
21) 1,1-Dichloroethane	5.80	63	15822	4.532 ug/l #	94
22) cis-1,2-Dichloroethene	6.79	96	8695m	4.594 ug/l	
23) tert-Butyl Alcohol	4.73	59	8664m	26.209 ug/l	
24) Methyl tert-Butyl Ether	4.99	73	24940	4.384 ug/l #	58
25) Chloroform	7.33	83	16941	5.145 ug/l	96
26) Cyclohexane	7.62	56	10880	3.585 ug/l #	97
29) 1,1-Dichloropropene	7.75	75	10688	4.680 ug/l	83
30) 2-Butanone	6.79	43	25277	21.389 ug/l #	94
31) 2,2-Dichloropropane	6.78	77	11651	4.625 ug/l #	72
32) 1,1,1-Trichloroethane	7.53	97	15527	6.044 ug/l	97
33) Carbon Tetrachloride	7.74	117	14072	6.276 ug/l	97
34) Benzene	8.00	78	33674	4.972 ug/l #	67
35) Methacrylonitrile	7.12	41	3811	3.715 ug/l	89
36) 1,2-Dichloroethane	8.09	62	15330	6.045 ug/l #	85
37) Trichloroethene	8.80	130	8509	5.476 ug/l	97
38) Methylcyclohexane	9.05	83	11140	4.308 ug/l	97
39) 1,2-Dichloropropane	9.08	63	8482	4.429 ug/l	96
40) Dibromomethane	9.18	93	6235	5.469 ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	13293	5.428	ug/l	95
42) Vinyl Acetate	5.85	43	95329	19.948	ug/l	99
43) Ethyl Acetate	6.89	43	11858	4.956	ug/l	99
44) Isopropyl Acetate	8.13	43	17172	4.301	ug/l	94
45) 1,4-Dioxane	9.18	88	3366	115.407	ug/l #	92
46) Methyl methacrylate	9.17	41	8444	4.423	ug/l	88
47) n-amyl Acetate	12.05	43	13245	3.880	ug/l	94
48) t-1,3-Dichloropropene	10.35	75	13387	4.793	ug/l	92
49) cis-1,3-Dichloropropene	9.81	75	13424	4.529	ug/l	94
50) 1,1,2-Trichloroethane	10.53	97	8604	5.365	ug/l	94
51) Ethyl methacrylate	10.40	69	10729	4.080	ug/l	95
52) 1,3-Dichloropropane	10.68	76	14827	5.097	ug/l	95
53) Dibromochloromethane	10.87	129	9820	5.509	ug/l	95
54) 1,2-Dibromoethane	10.98	107	8868	5.400	ug/l	92
55) 2-Chloroethyl vinyl ether	9.66	63	12775	16.051	ug/l	99
56) Bromoform	12.10	173	6748	5.501	ug/l #	99
58) 4-Methyl-2-Pentanone	9.96	43	54082	23.009	ug/l	98
59) 2-Hexanone	10.72	43	36826	21.403	ug/l	96
61) Tetrachloroethene	10.60	164	7680	6.049	ug/l	87
62) Toluene	10.13	91	36703	5.301	ug/l	98
64) Chlorobenzene	11.41	112	22617	5.463	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	9369	5.965	ug/l	97
66) Ethyl Benzene	11.48	91	36362	4.744	ug/l	100
67) m/p-Xylenes	11.59	106	25680	9.111	ug/l	95
68) o-Xylene	11.92	106	12341	4.599	ug/l	96
69) Styrene	11.94	104	21133	4.571	ug/l	98
70) Isopropylbenzene	12.22	105	36108	4.948	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	13672	5.772	ug/l	94
72) 1,2,3-Trichloropropane	12.53	75	13356m	5.707	ug/l	
73) Bromobenzene	12.50	156	9711	5.671	ug/l	99
74) n-propylbenzene	12.57	91	41524	4.812	ug/l	100
75) 2-Chlorotoluene	12.65	91	27554	5.248	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	31390	4.999	ug/l	99
77) t-1,4-Dichloro-2-butene	12.28	75	3950	4.720	ug/l	94
78) 4-Chlorotoluene	12.75	91	26591	4.978	ug/l	100
79) tert-butylbenzene	12.97	119	25372	4.897	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	28819	4.690	ug/l	99
81) sec-Butylbenzene	13.15	105	33731	4.861	ug/l	99
82) p-Isopropyltoluene	13.26	119	27634	4.504	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	15000	5.036	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	13932	4.750	ug/l	98
85) n-Butylbenzene	13.59	91	20610	3.971	ug/l	100
86) Hexachloroethane	13.85	117	7124	5.921	ug/l	89
87) 1,2-Dichlorobenzene	13.63	146	15082	5.254	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.25	75	2732	6.073	ug/l #	82
89) 1,2,4-Trichlorobenzene	14.89	180	4181	2.999	ug/l	97
90) Hexachlorobutadiene	14.99	225	4945	6.083	ug/l	91
91) Naphthalene	15.11	128	10372	2.779	ug/l #	91
92) 1,2,3-Trichlorobenzene	15.28	180	4502	3.216	ug/l	89

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

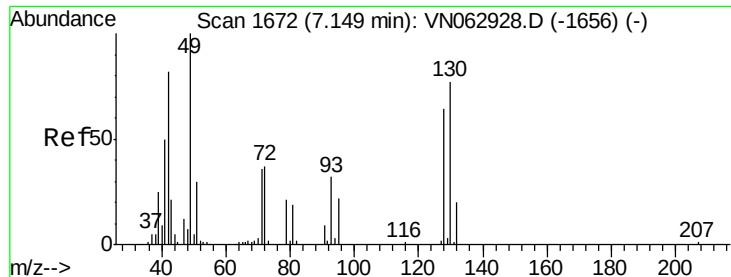
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

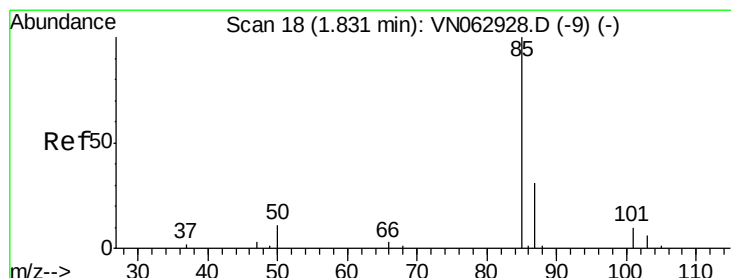
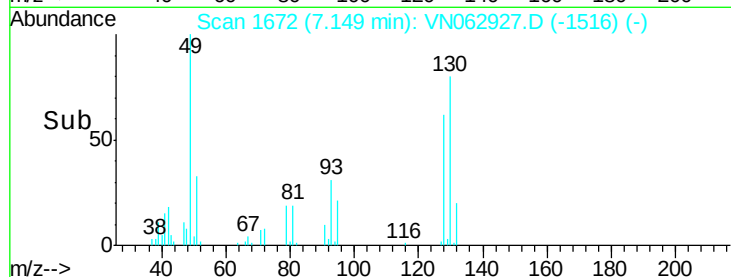
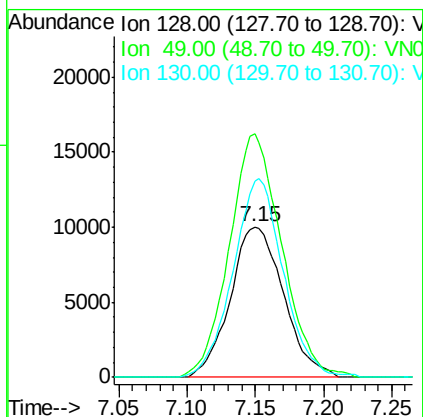
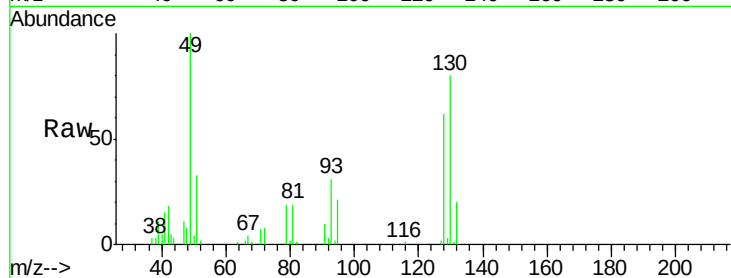
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	27216
Ion	Ratio	Lower	Upper
128	100		
49	159.0	0.0	410.0
130	124.6	0.0	316.5

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 4.921 ug/l

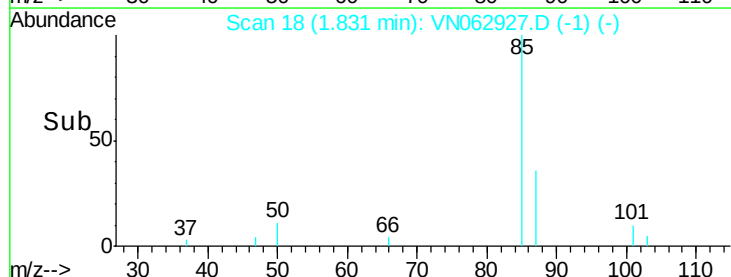
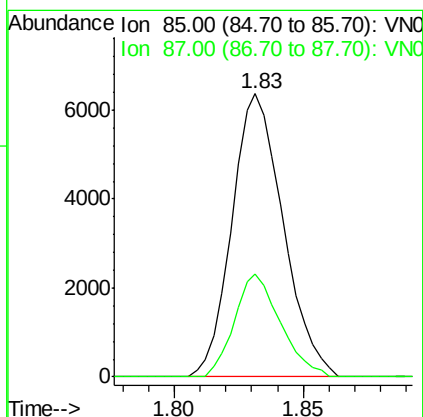
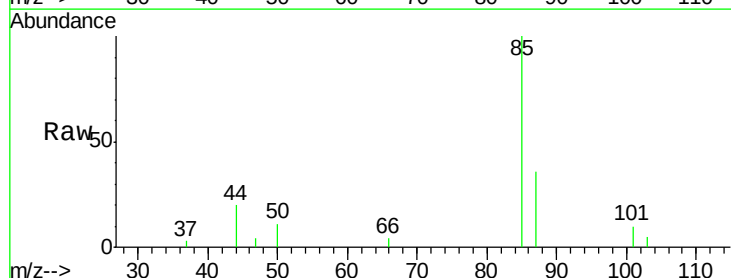
RT: 1.83 min Scan# 18

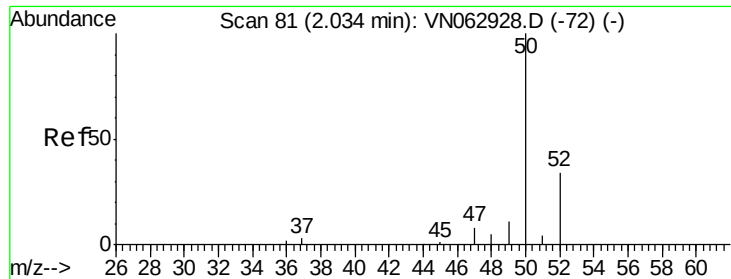
Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Tgt Ion:	85	Resp:	8800
Ion	Ratio	Lower	Upper
85	100		
87	36.5	15.4	46.2





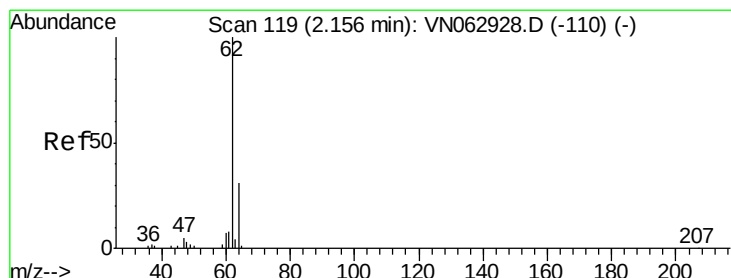
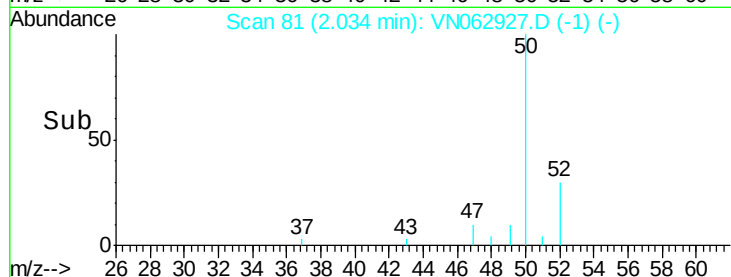
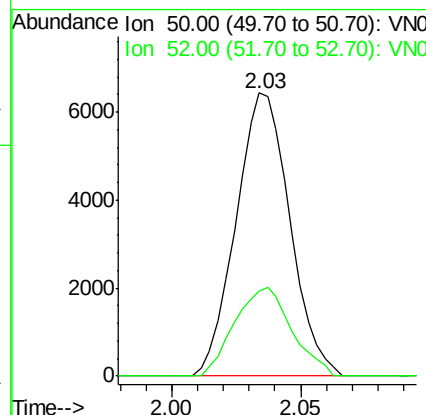
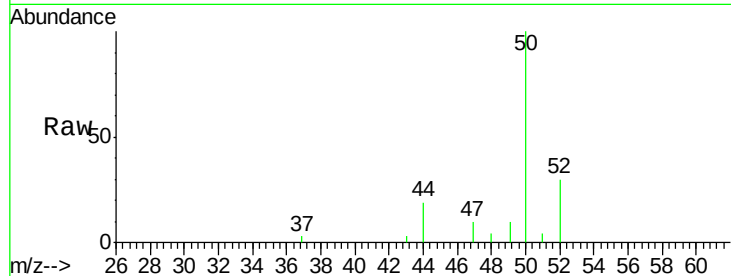
#3
 Chloromethane
 Concen: 4.167 ug/l
 RT: 2.03 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
50	100		
52	30.2	27.1	40.7

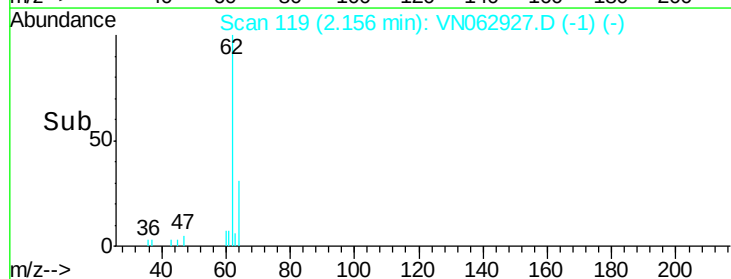
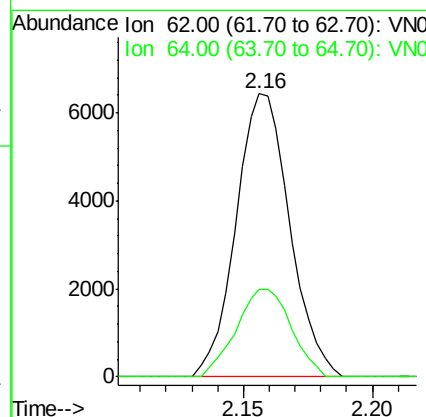
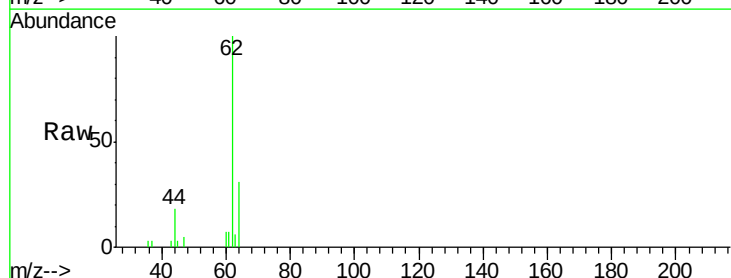
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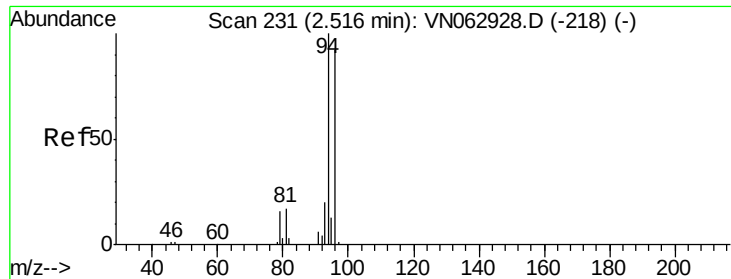
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#4
 Vinyl Chloride
 Concen: 4.652 ug/l
 RT: 2.16 min Scan# 119
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.8	24.6	37.0





#5

Bromomethane

Concen: 8.596 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.01 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 10206

Ion Ratio Lower Upper

94 100

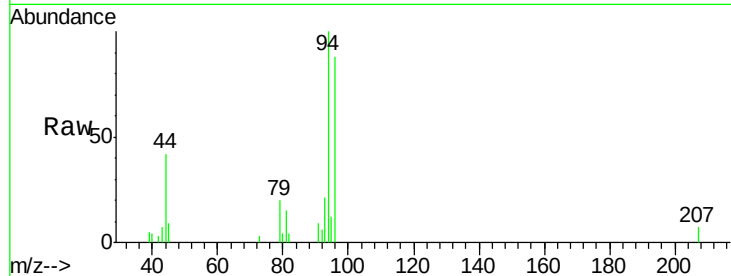
96 88.4 73.7 110.5

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VN062927.D (-218) (-)

Ion 96.00 (95.70 to 96.70): VN062927.D (-218) (-)

2.51

6000

5000

4000

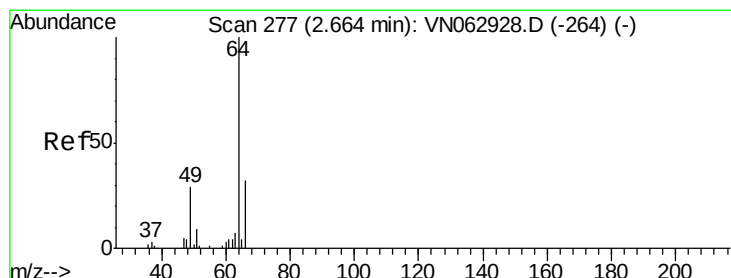
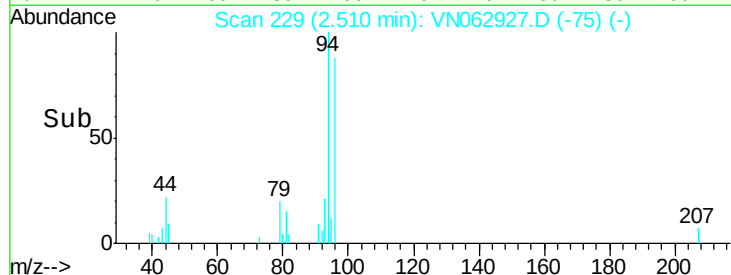
3000

2000

1000

0

Time-->



#6

Chloroethane

Concen: 7.786 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062927.D

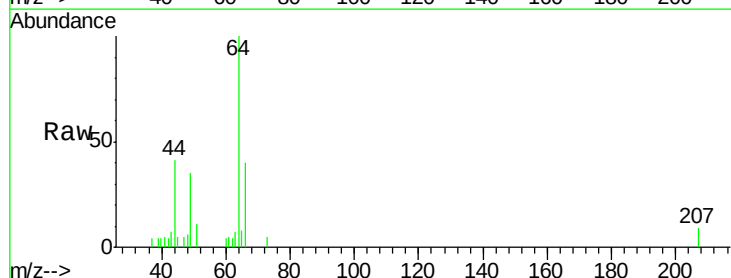
Acq: 13 Aug 2020 22:32

Tgt Ion: 64 Resp: 9167

Ion Ratio Lower Upper

64 100

66 39.9 25.3 37.9#



Abundance Ion 64.00 (63.70 to 64.70): VN062927.D (-264) (-)

Ion 66.00 (65.70 to 66.70): VN062927.D (-264) (-)

2.66

5000

4000

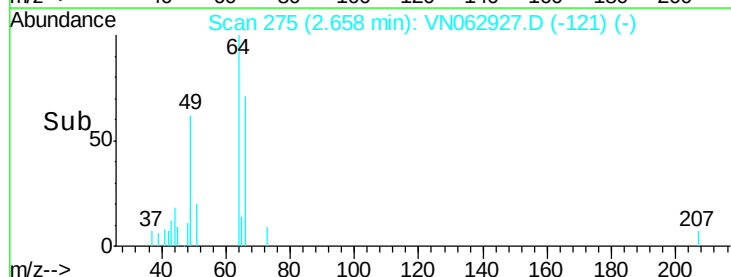
3000

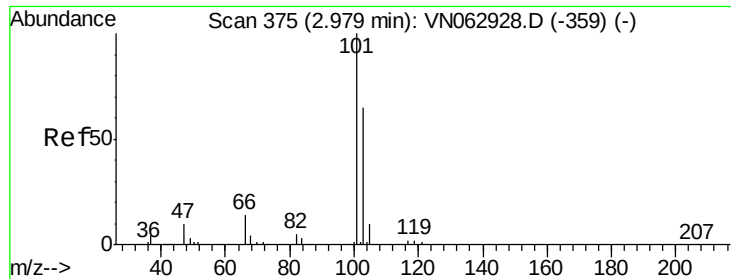
2000

1000

0

Time-->





#7

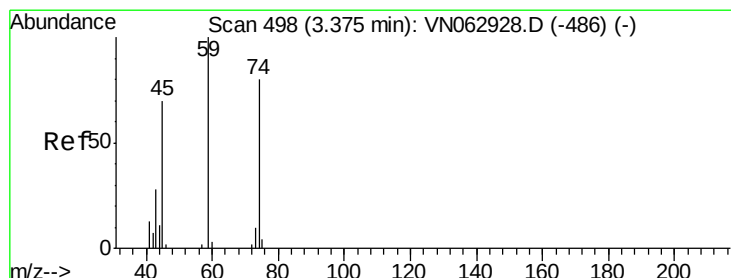
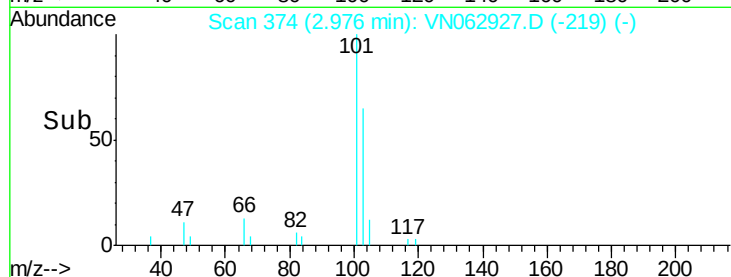
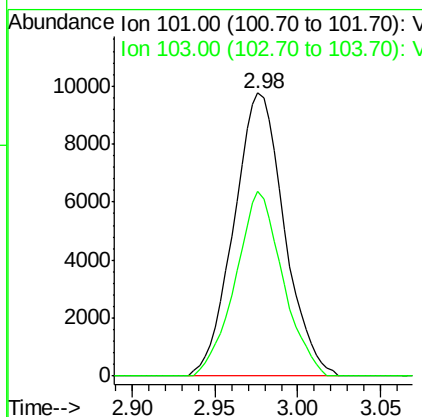
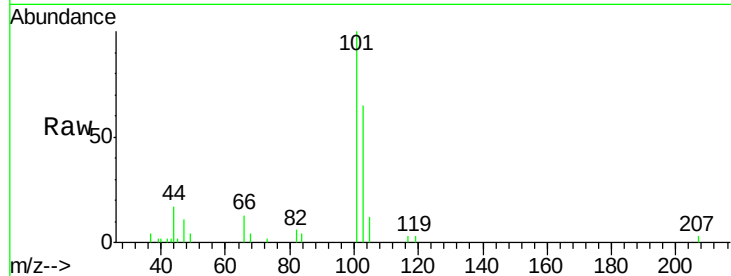
Trichlorofluoromethane
Concen: 7.330 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.8	77.6

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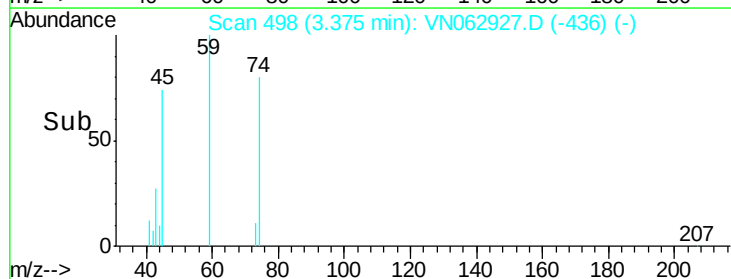
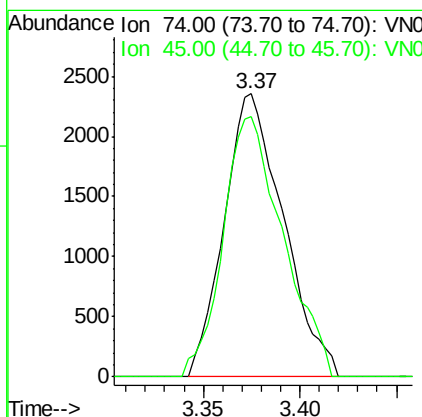
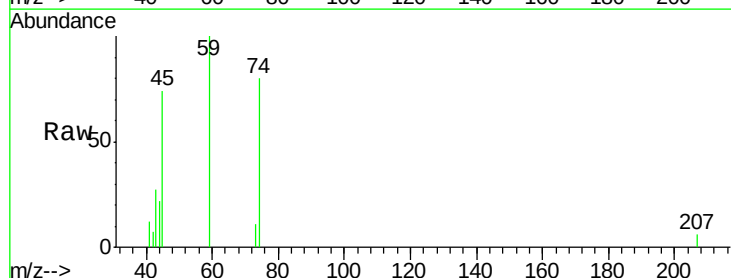
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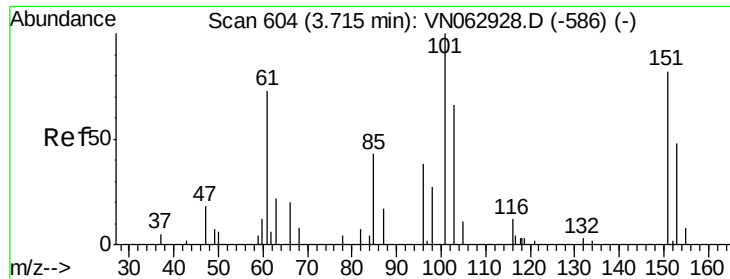


#8

Diethyl Ether
Concen: 4.587 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	18.7	167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.252 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

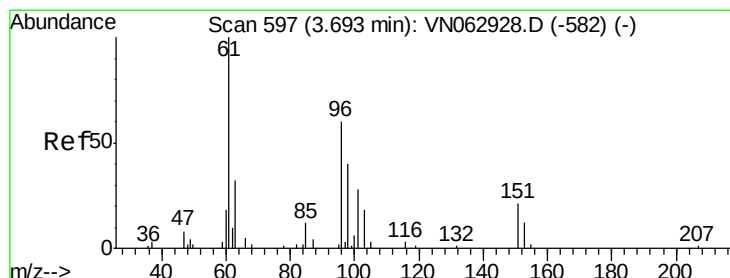
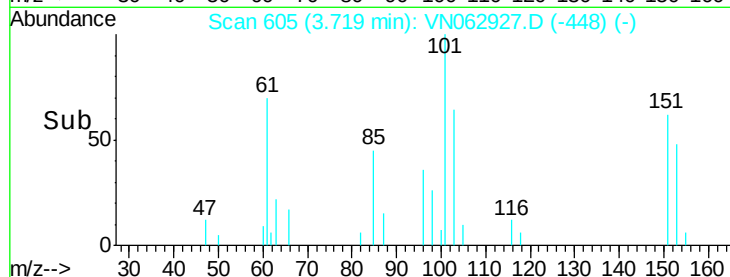
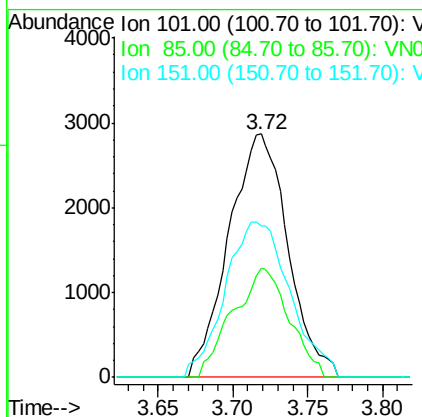
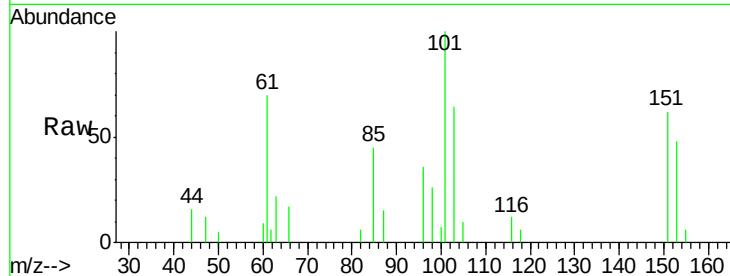
ClientSampled :

VSTDIC005

Tot Ion:	101	Resp:	7871
Ion Ratio	Lower	Upper	
101	100		
85	42.7	0.0	92.4
151	70.0	0.0	162.6

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#10

1,1-Dichloroethene

Concen: 4.799 ug/l m

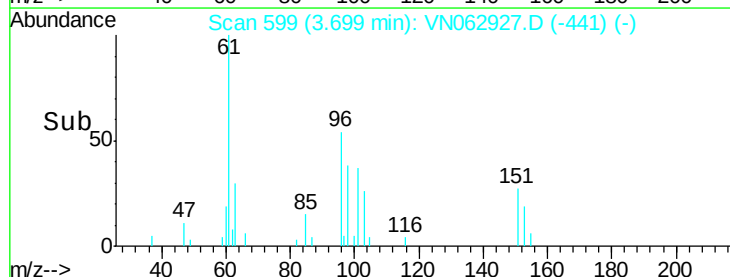
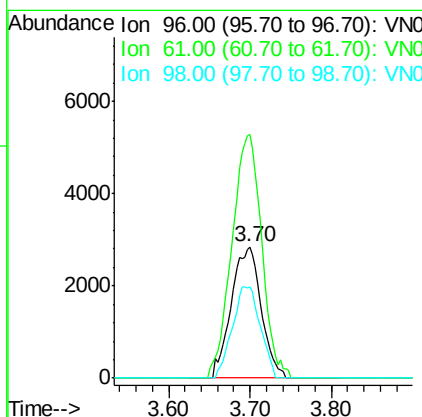
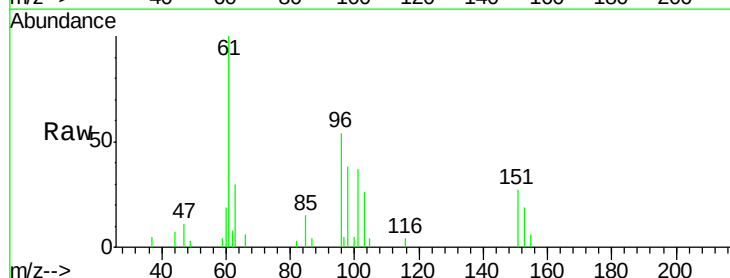
RT: 3.70 min Scan# 599

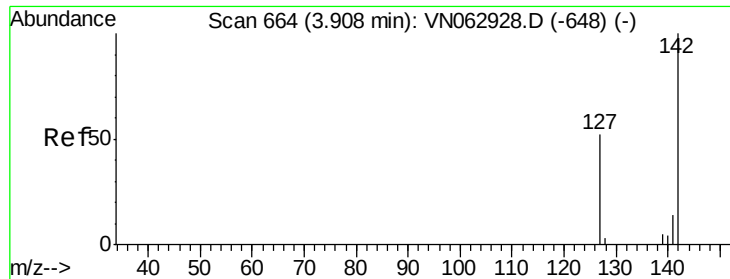
Delta R.T. 0.01 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Tgt Ion:	96	Resp:	7194
Ion Ratio	Lower	Upper	
96	100		
61	185.8	134.5	201.7
98	69.8	53.3	79.9





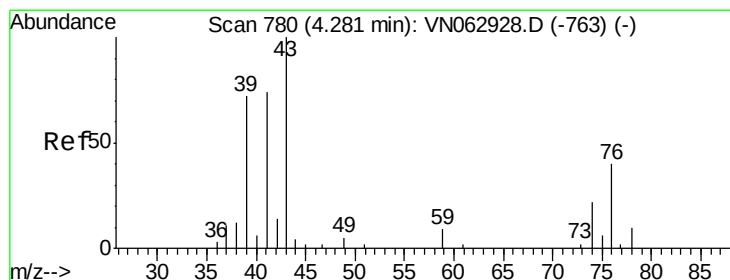
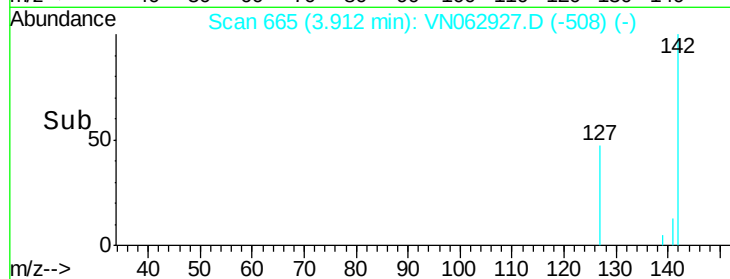
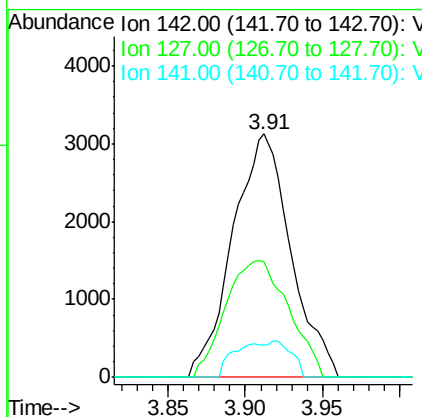
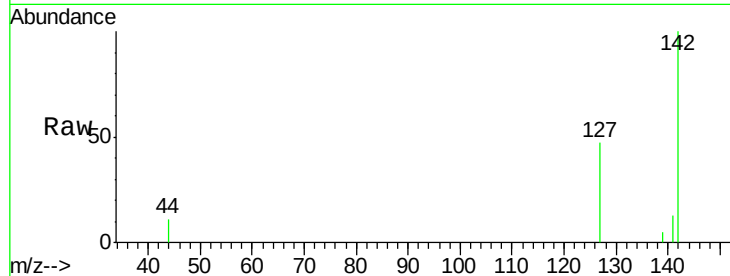
#11
Methvl Iodide
Concen: 4.342 ug/l
RT: 3.91 min Scan# 665
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.5	26.1	78.3
141	13.1	7.2	21.7

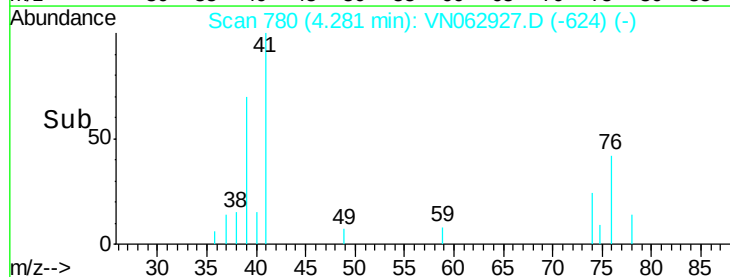
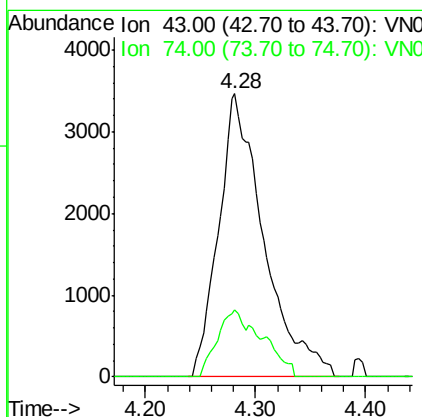
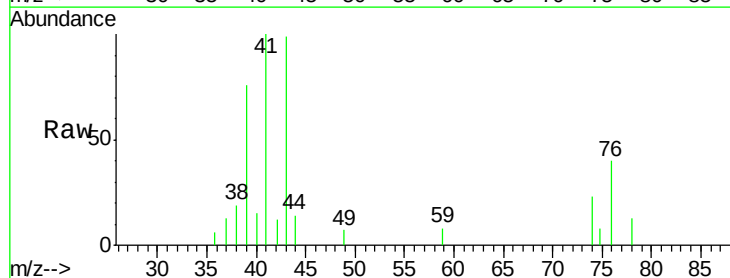
Manual Integrations
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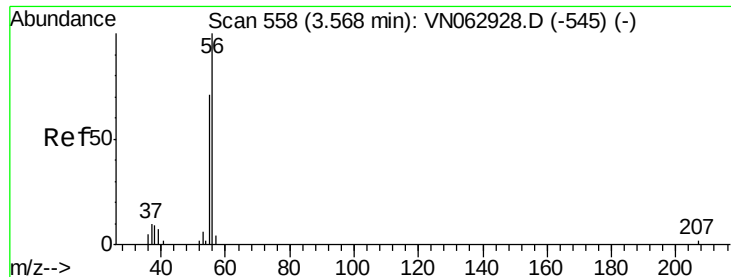
MMDadoda
8/17/2020 9:19:56 AM



#12
Methyl Acetate
Concen: 4.809 ug/l m
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.1	27.1





#13

Acrolein

Concen: 22.568 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 6598

Ion Ratio Lower Upper

56 100

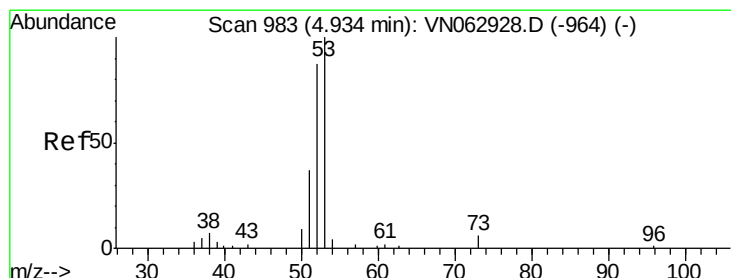
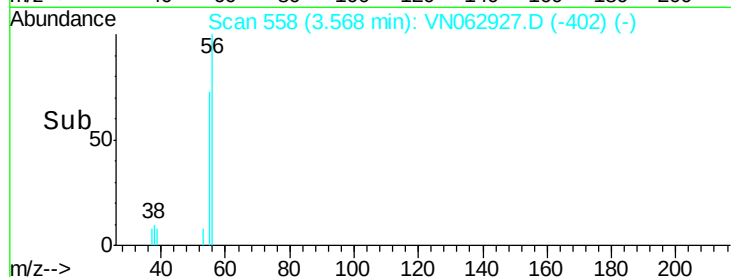
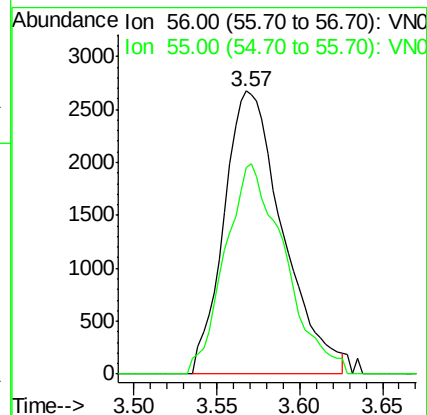
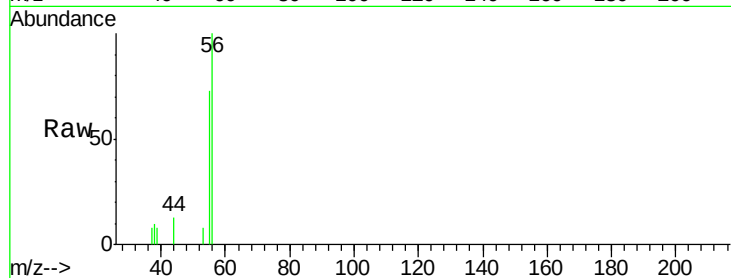
55 75.3 60.2 90.4

Manual Integrations

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#14

Acrylonitrile

Concen: 18.998 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

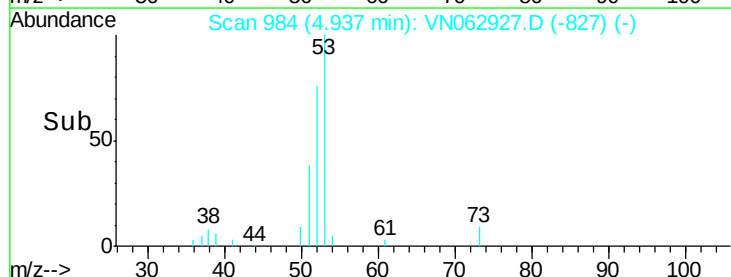
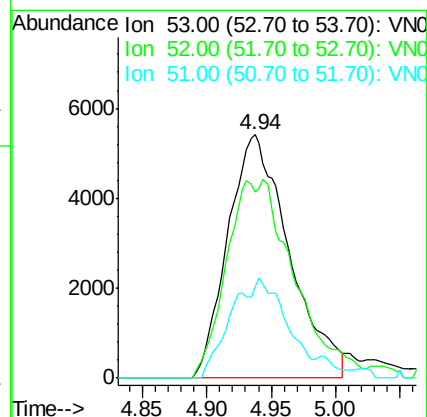
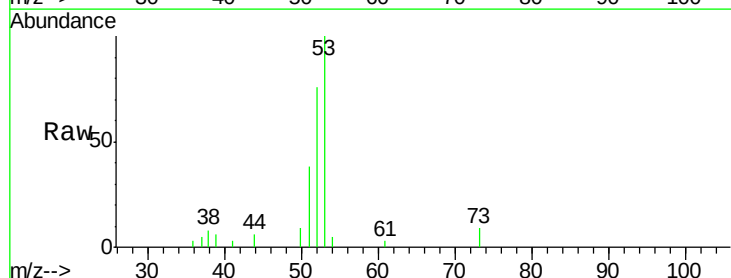
Tgt Ion: 53 Resp: 17916

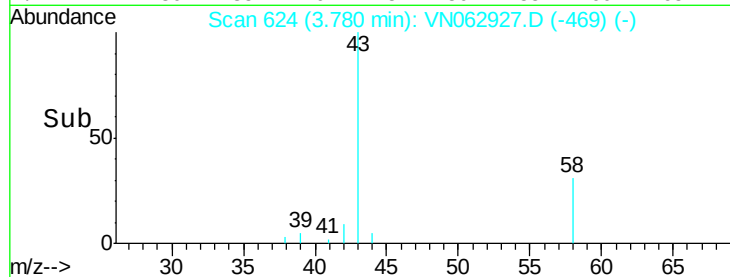
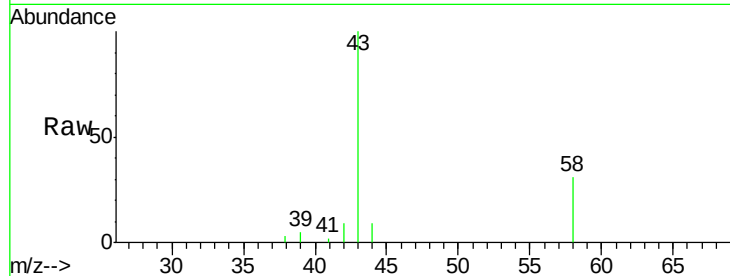
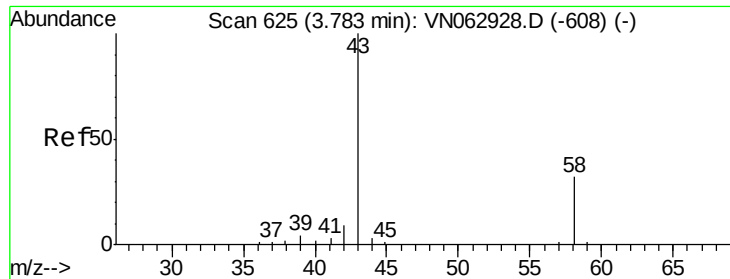
Ion Ratio Lower Upper

53 100

52 0.0 43.1 129.4#

51 2.5 19.1 57.1#





#15

Acetone

Concen: 19.846 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Tot Ion: 58 Resp: 5447

Ion Ratio Lower Upper

58 100

43 297.6 250.0 375.0

Instrument :

MSVOA_N

ClientSampleId :

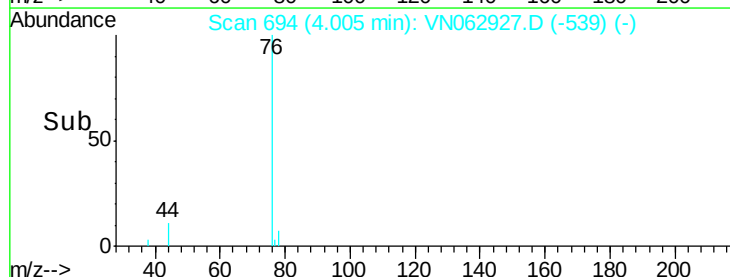
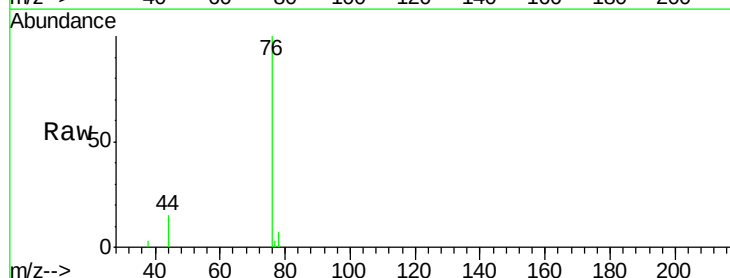
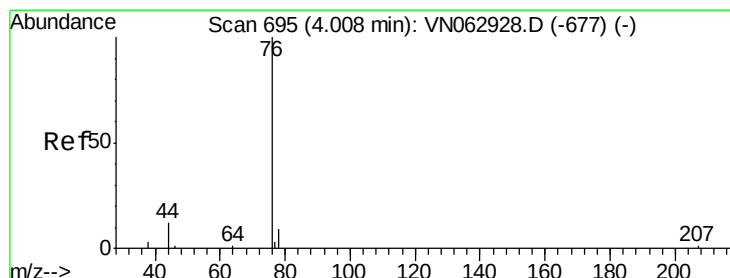
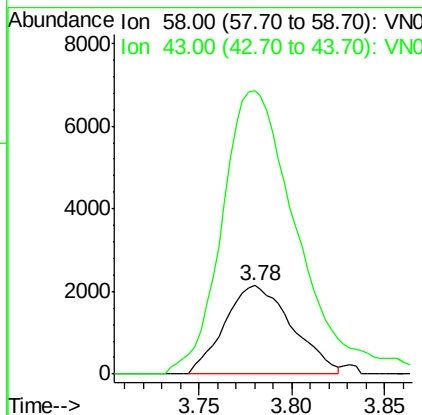
VSTDIC005

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#16

Carbon Disulfide

Concen: 4.819 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062927.D

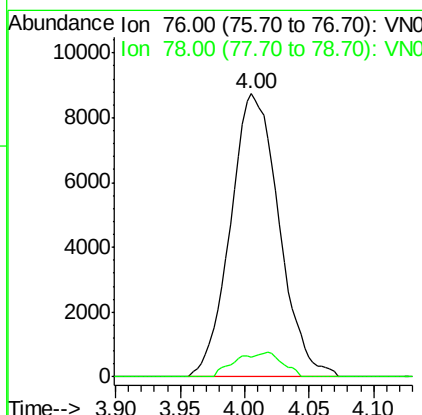
Acq: 13 Aug 2020 22:32

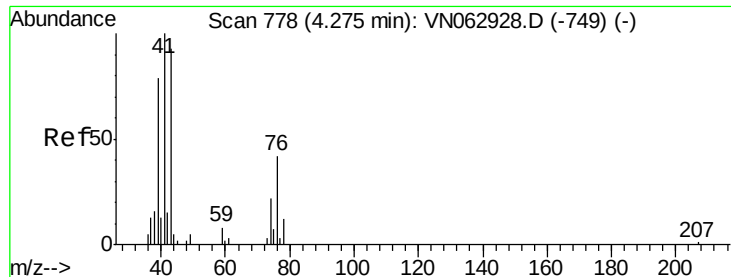
Tgt Ion: 76 Resp: 22952

Ion Ratio Lower Upper

76 100

78 6.9 7.0 10.6#





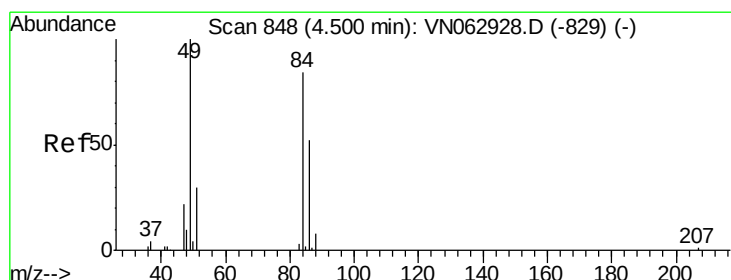
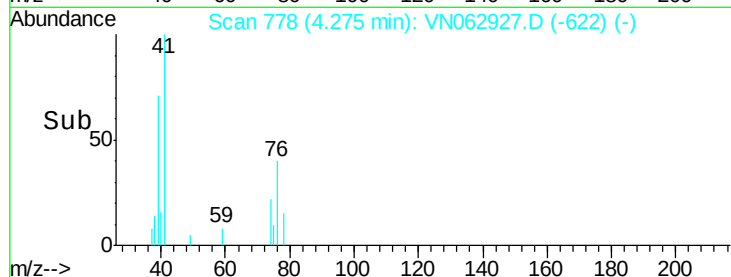
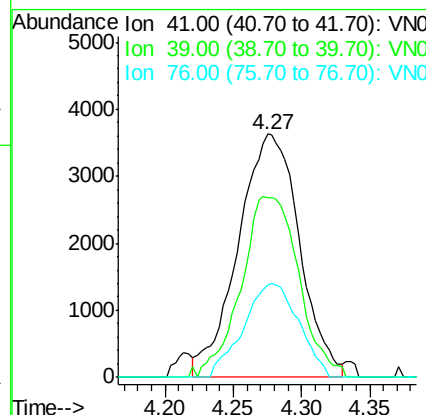
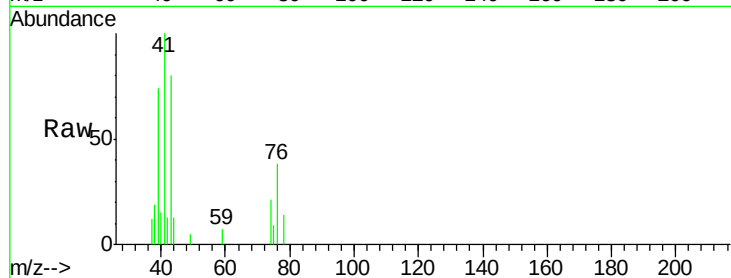
#17
Allvl chloride
Concen: 3.720 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	11310
Ion	Ratio	Lower	Upper
41	100		
39	73.4	39.6	118.7
76	40.0	21.3	63.7

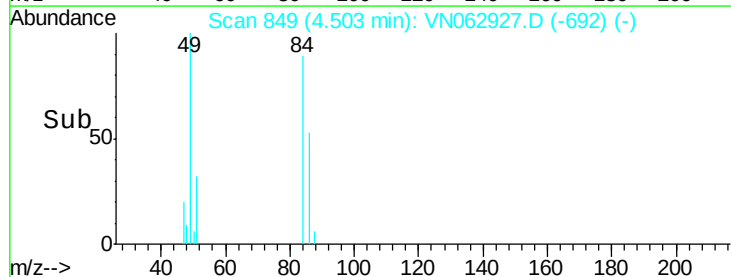
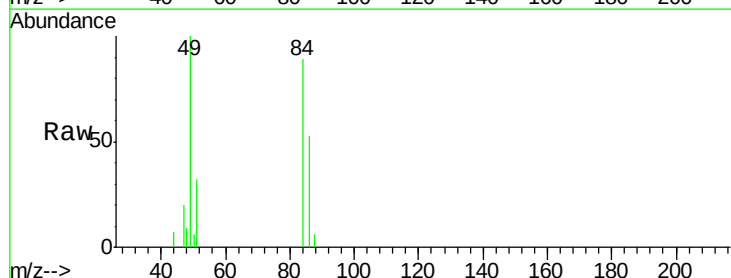
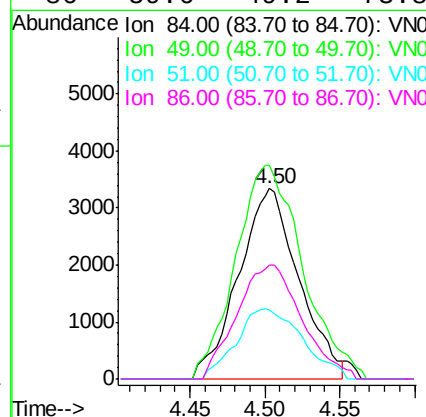
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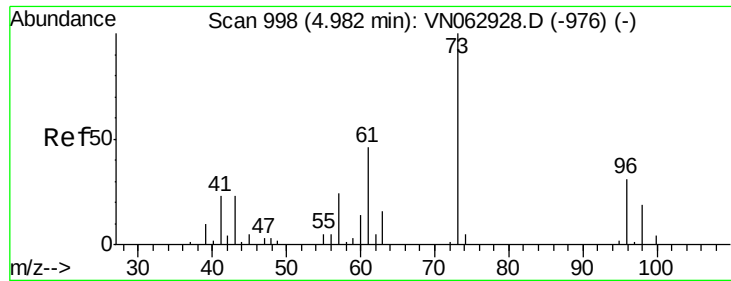
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#18
Methylene Chloride
Concen: 5.054 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion:	84	Resp:	9354
Ion	Ratio	Lower	Upper
84	100		
49	112.0	95.0	142.6
51	36.1	28.2	42.4
86	59.6	49.2	73.8





#19

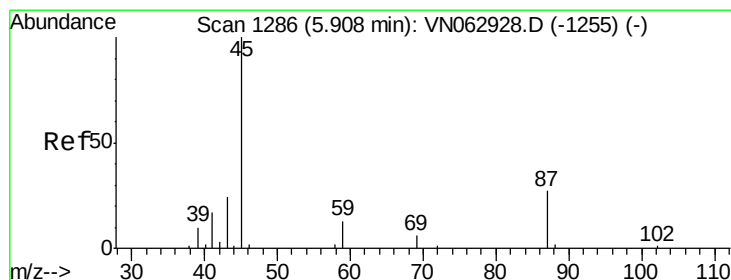
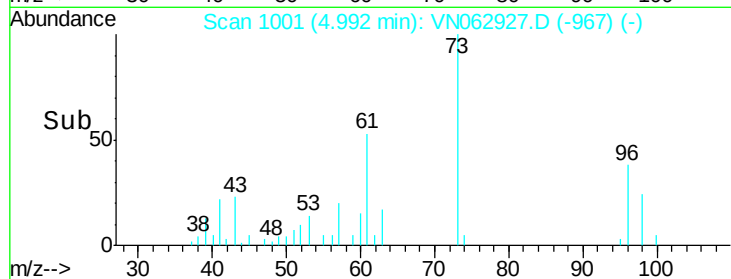
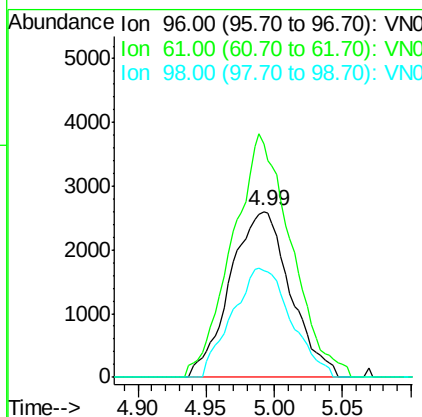
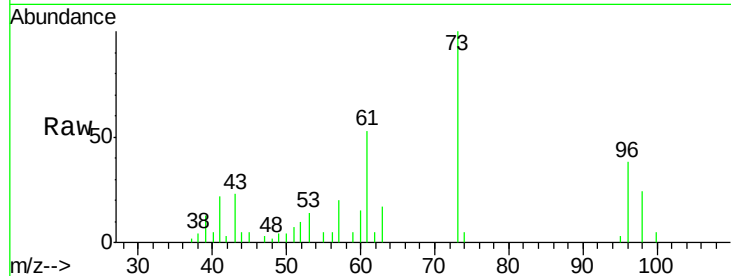
trans-1,2-Dichloroethene
Concen: 4.821 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	118.0	177.0
98	64.8	48.7	73.1

Manual Integrations
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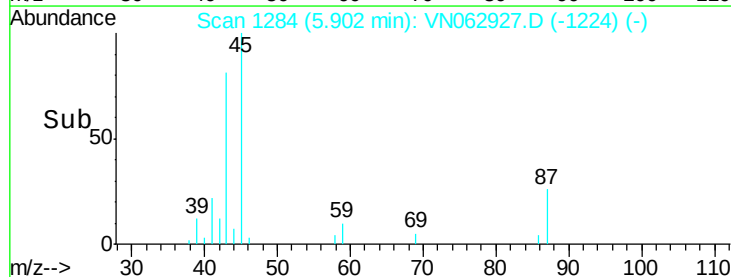
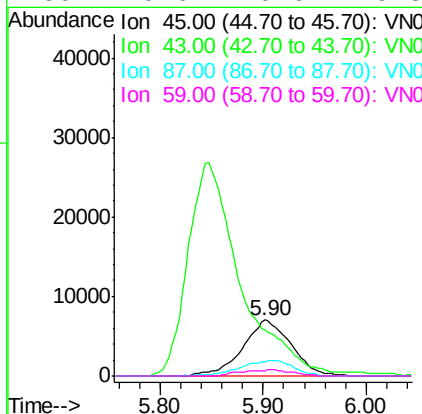
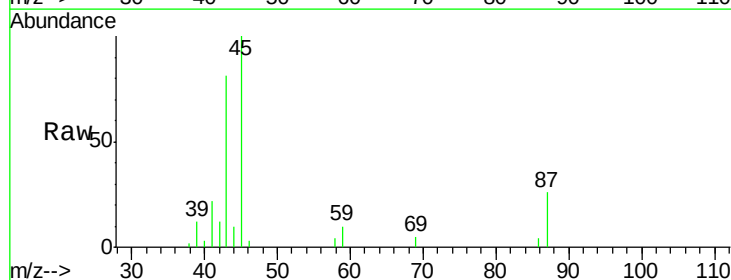
MMDadoda
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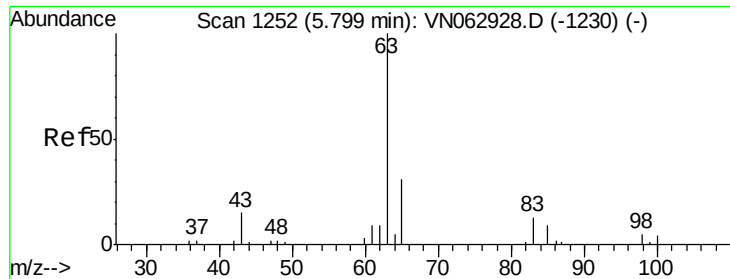


#20

Diisopropyl ether
Concen: 3.524 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.01 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.7	48.6	72.8#
87	25.5	22.6	34.0
59	9.6	10.6	15.8#





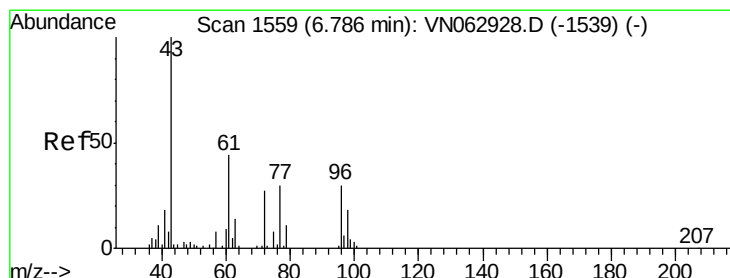
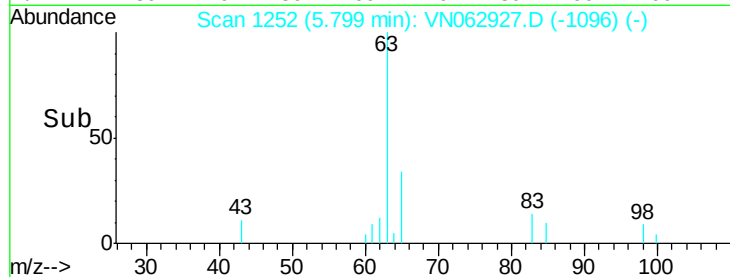
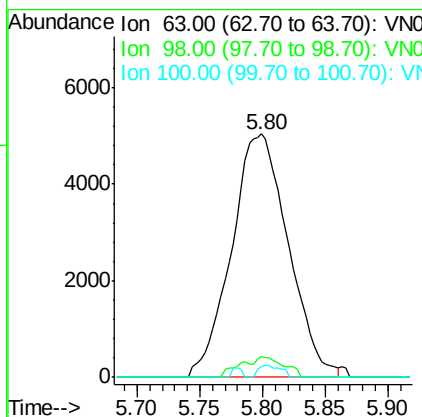
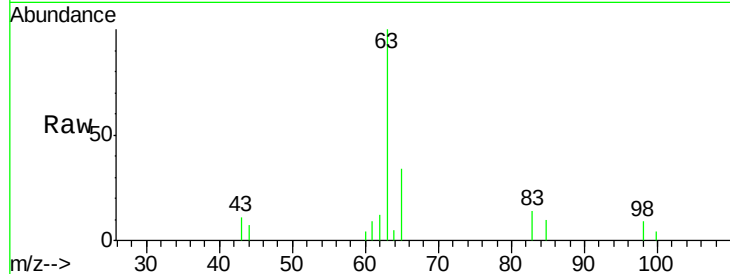
#21
 1,1-Dichloroethane
 Concen: 4.532 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
98	8.7	2.6	7.8#
100	4.2	2.1	6.5

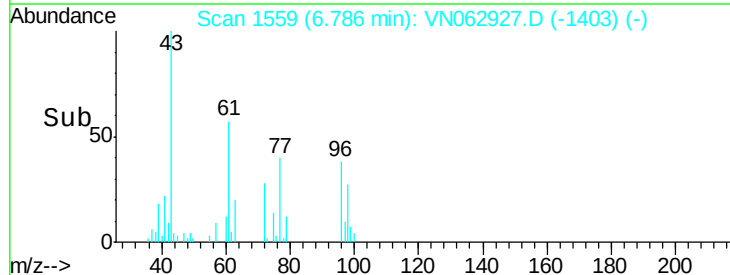
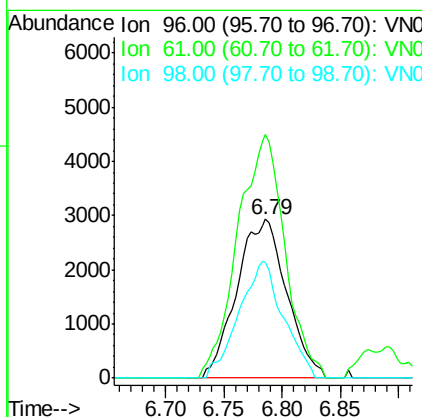
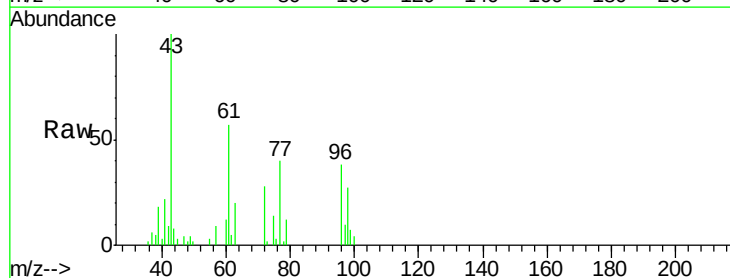
Manual Integrations
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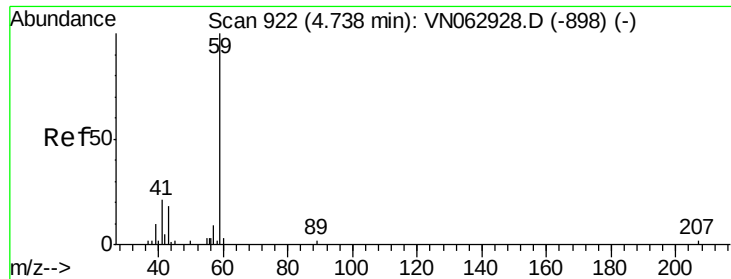
MMDadoda
 8/17/2020 9:19:56 AM



#22
 cis-1,2-Dichloroethene
 Concen: 4.594 ug/l m
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.4	124.9	187.3
98	63.7	27.8	41.6#





#23

tert-Butyl Alcohol

Concen: 26.209 ug/l m

RT: 4.73 min Scan# 920

Delta R.T. -0.01 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 59 Resp: 8664

Ion Ratio Lower Upper

59 100

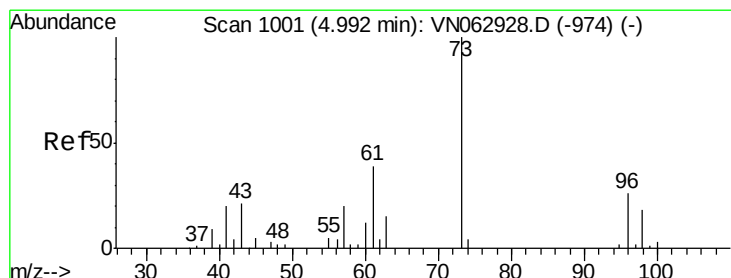
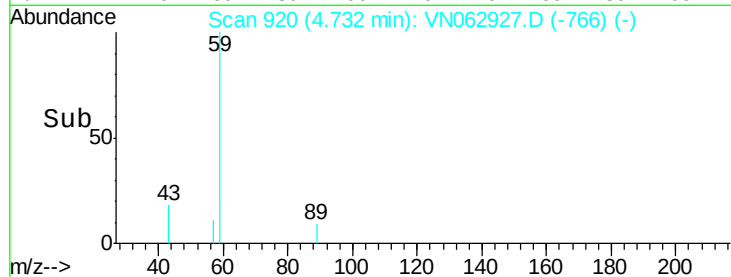
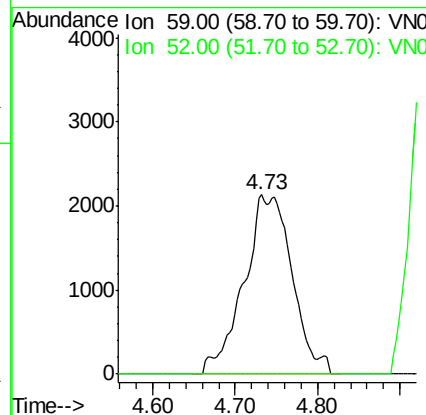
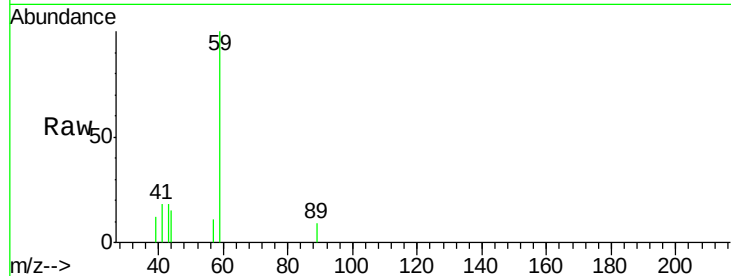
52 0.0 0.0 0.0

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#24

Methyl tert-Butyl Ether

Concen: 4.384 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN062927.D

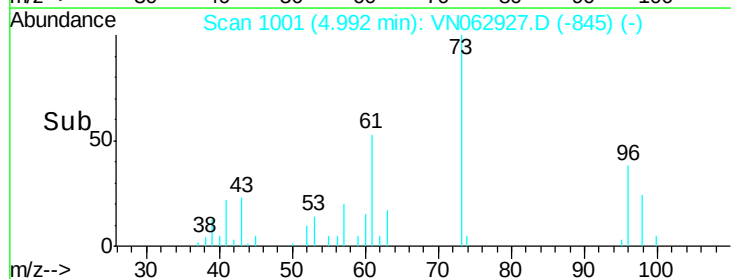
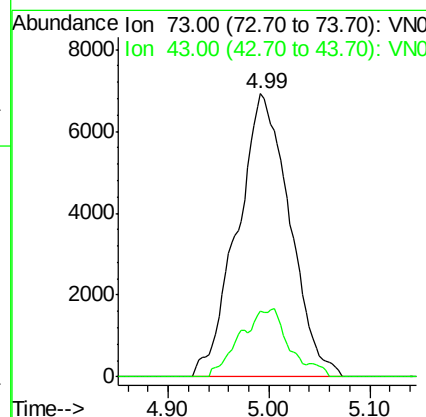
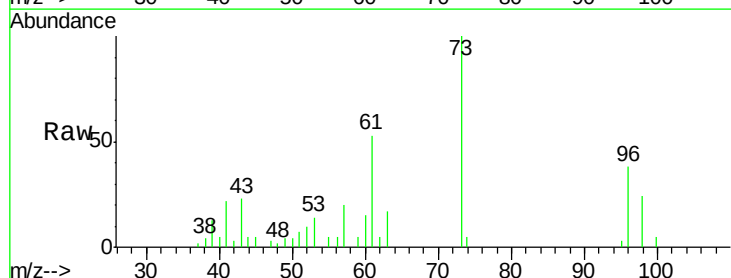
Acq: 13 Aug 2020 22:32

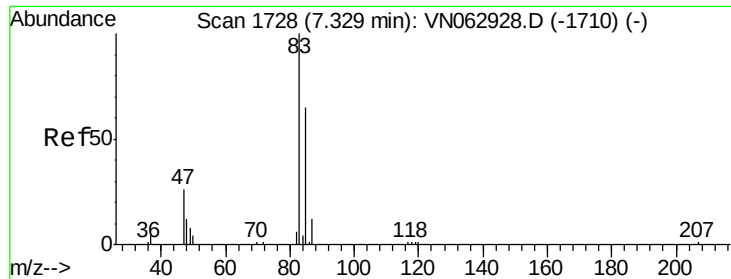
Tgt Ion: 73 Resp: 24940

Ion Ratio Lower Upper

73 100

43 1.8 17.3 25.9#





#25

Chloroform

Concen: 5.145 ug/l

RT: 7.33 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 16941

Ion Ratio Lower Upper

83 100

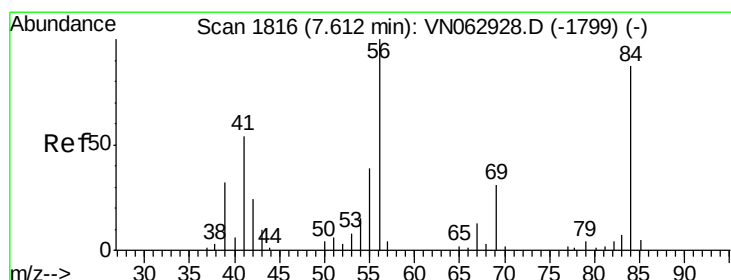
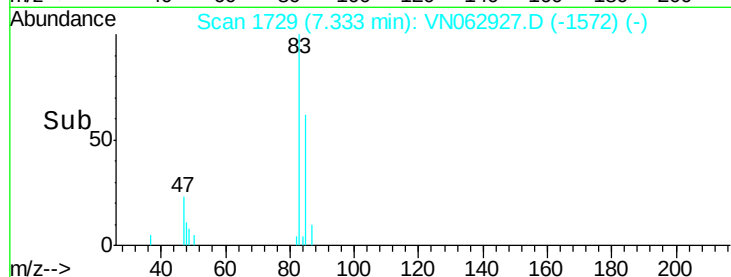
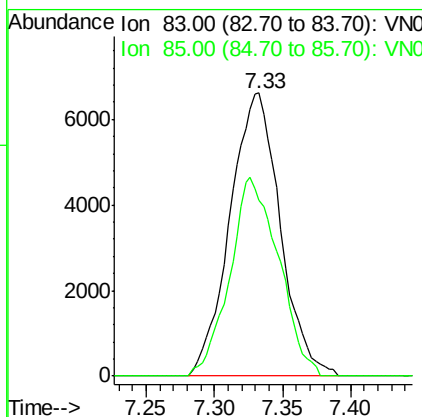
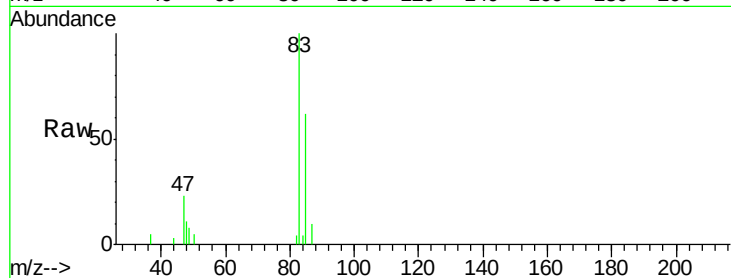
85 62.2 52.3 78.5

Manual Integrations

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#26

Cyclohexane

Concen: 3.585 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

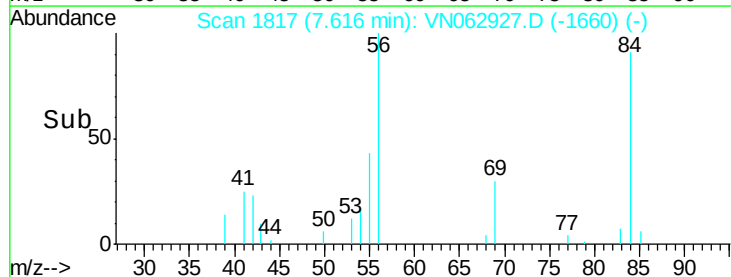
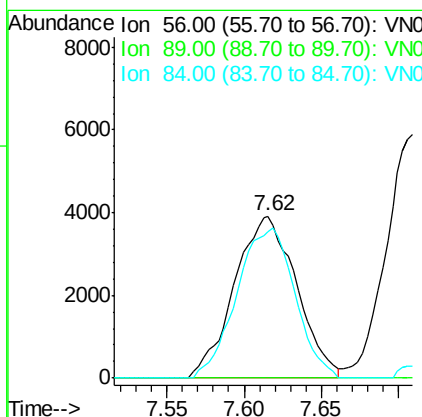
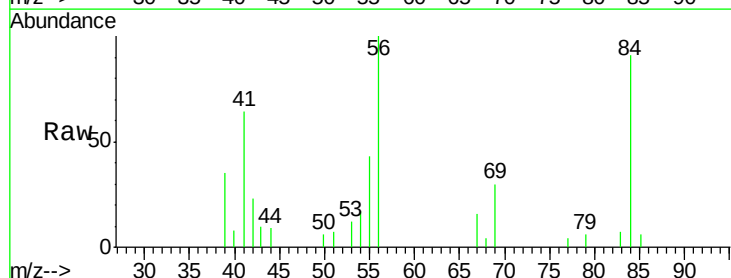
Tgt Ion: 56 Resp: 10880

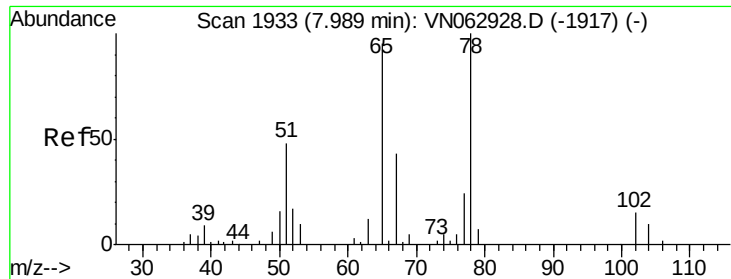
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.9 71.9 107.9





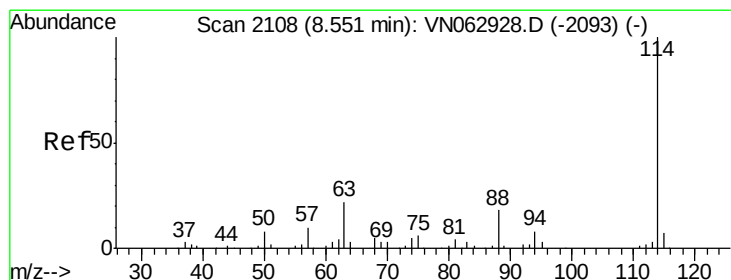
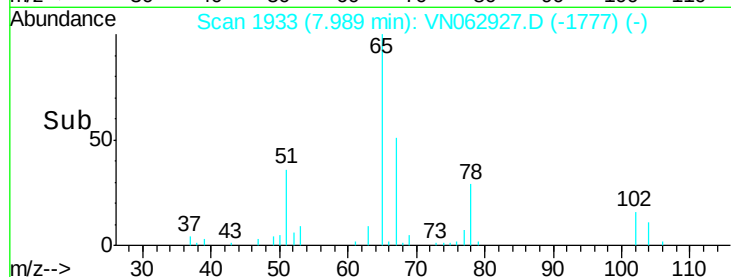
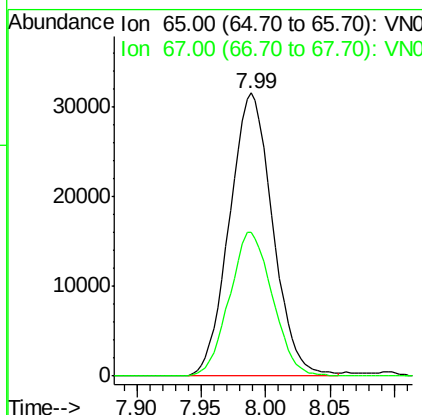
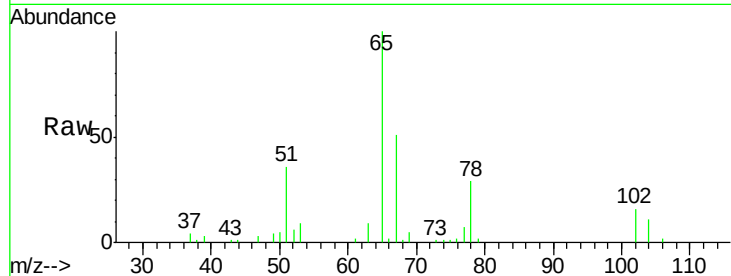
#27
 1,2-Dichloroethane-d4
 Concen: 31.085 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.6	39.5	59.3

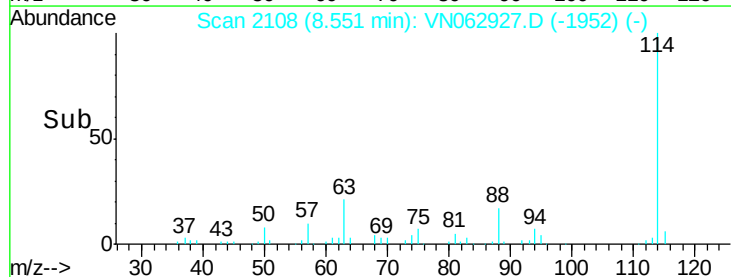
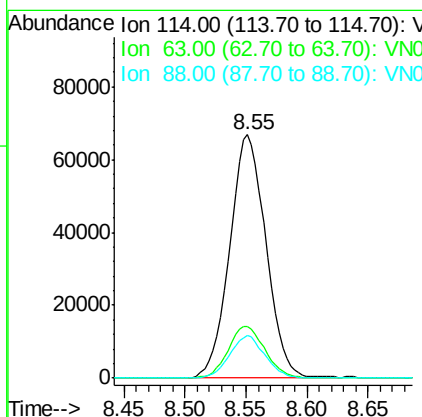
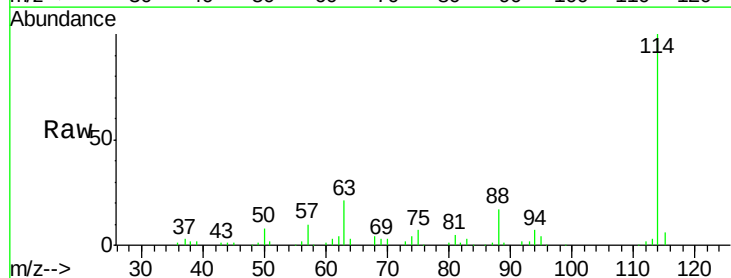
Manual Integrations
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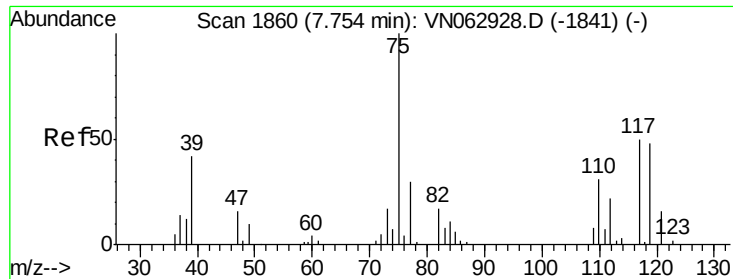
MMDadoda
 8/17/2020 9:19:56 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	17.7	26.5
88	17.1	13.9	20.9





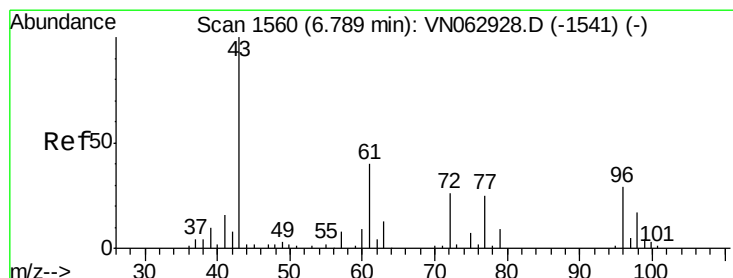
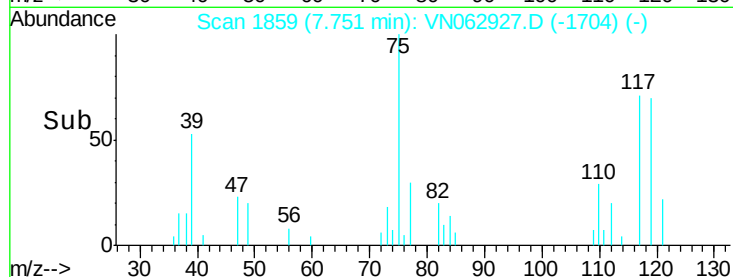
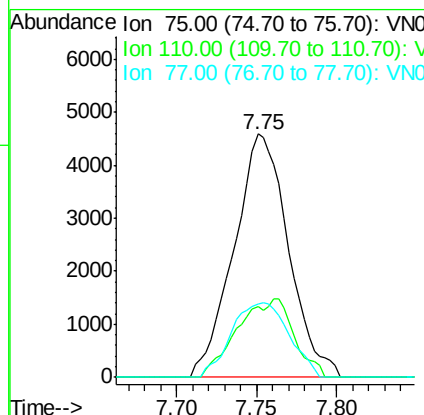
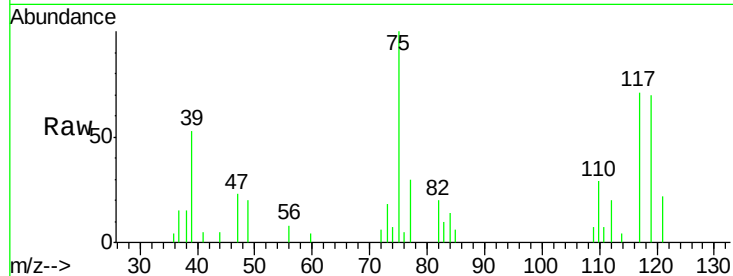
#29
 1,1-Dichloropropene
 Concen: 4.680 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
110	17.0	0.0	65.8
77	32.3	0.0	59.8

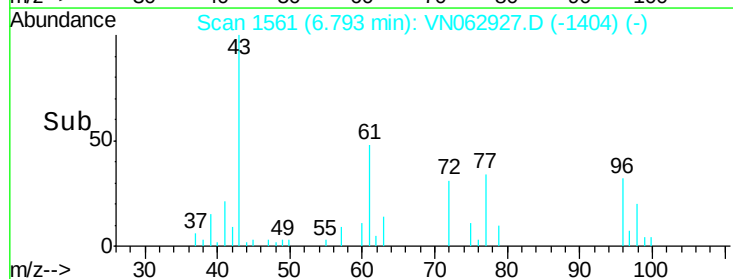
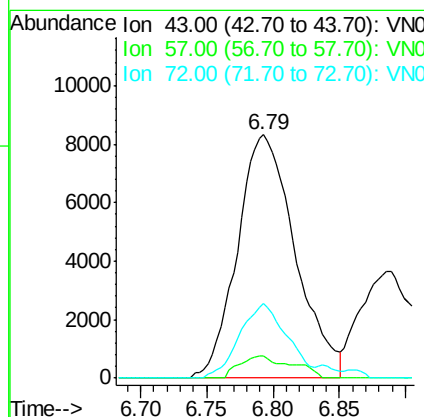
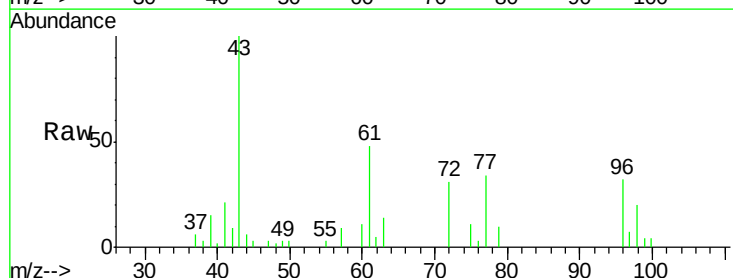
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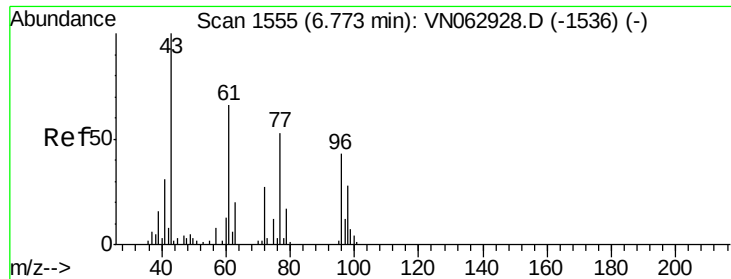
MMDadoda
 8/17/2020 9:19:56 AM



#30
 2-Butanone
 Concen: 21.389 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.1	7.0	10.6#
72	25.3	22.0	33.0





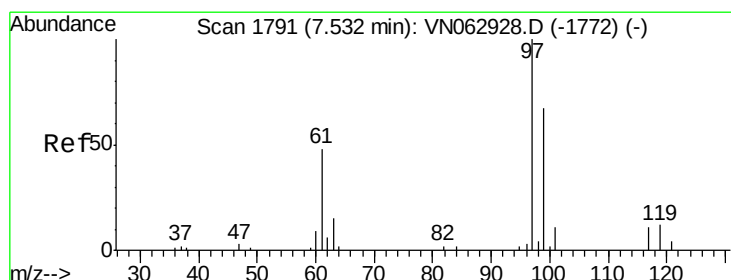
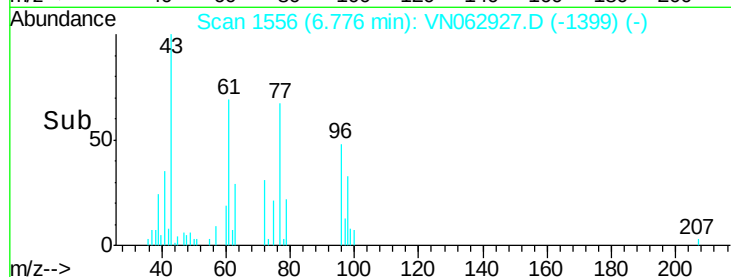
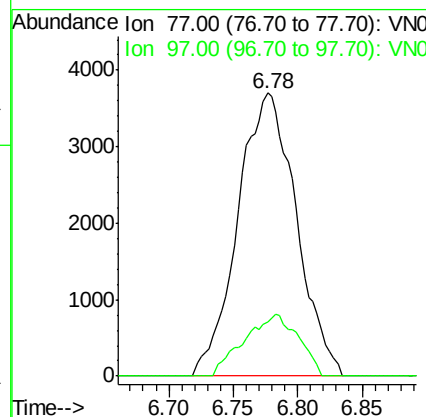
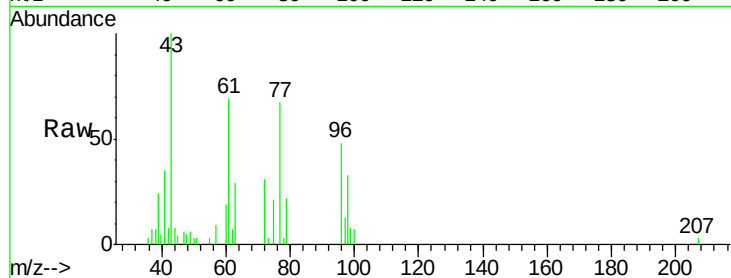
#31
 2,2-Dichloropropane
 Concen: 4.625 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 77 Resp: 11651
 Ion Ratio Lower Upper
 77 100
 97 7.3 16.1 24.1#

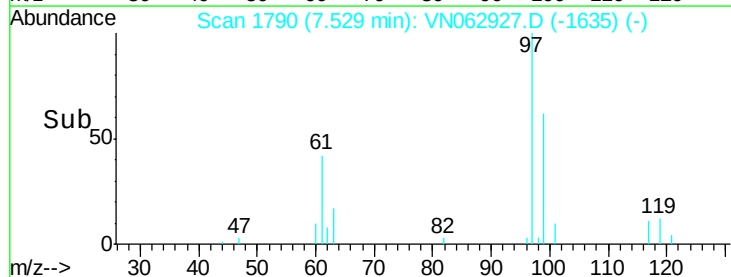
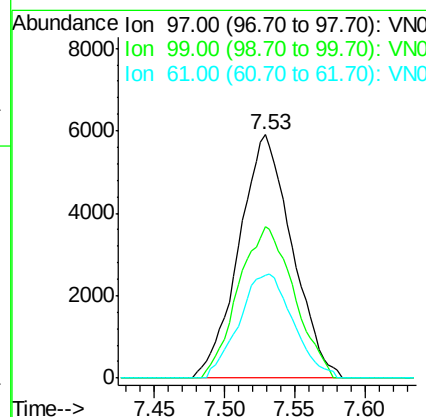
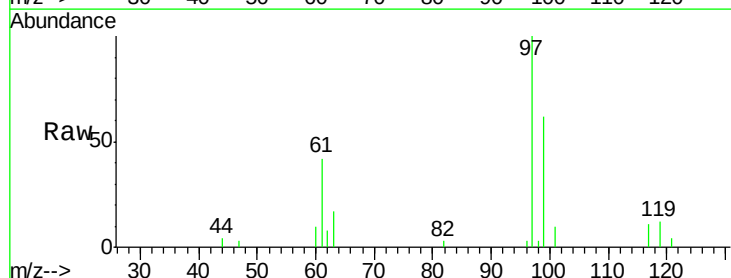
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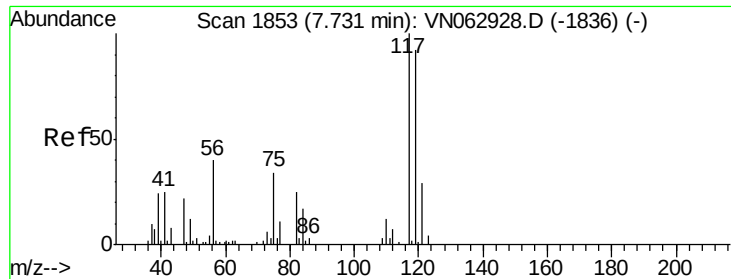
MMDadoda
 8/17/2020 9:19:56 AM



#32
 1,1,1-Trichloroethane
 Concen: 6.044 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion: 97 Resp: 15527
 Ion Ratio Lower Upper
 97 100
 99 65.2 53.8 80.8
 61 43.2 36.3 54.5





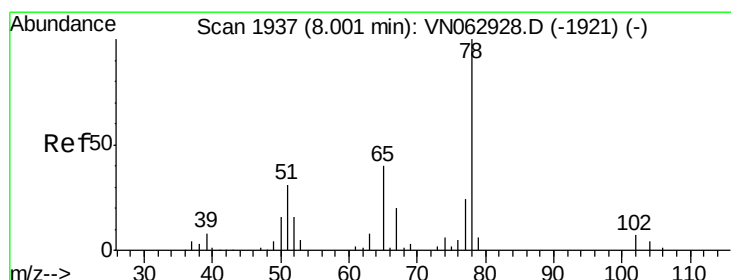
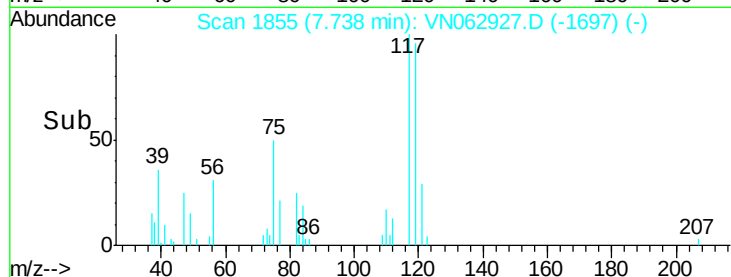
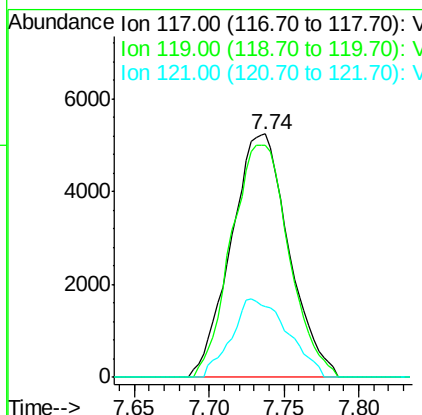
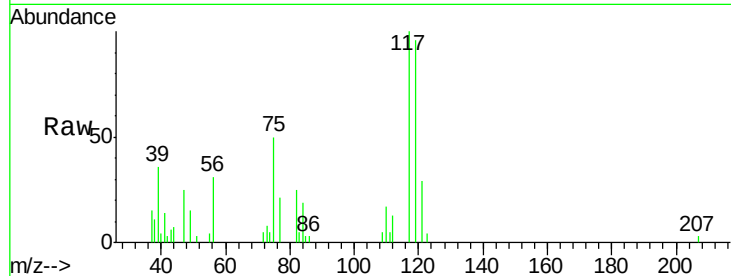
#33
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 7.74 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.6	73.9	110.9
121	28.9	23.2	34.8

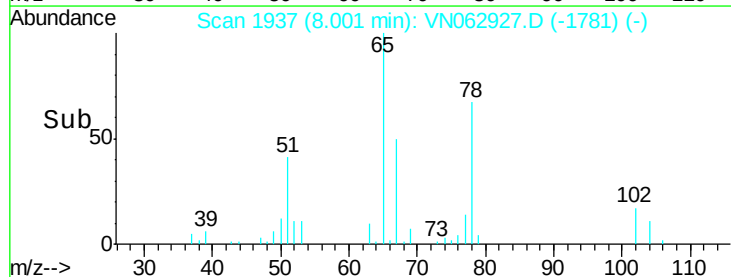
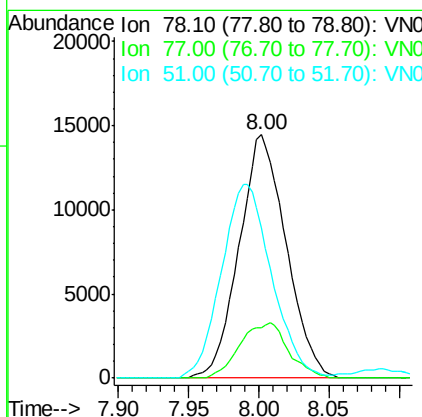
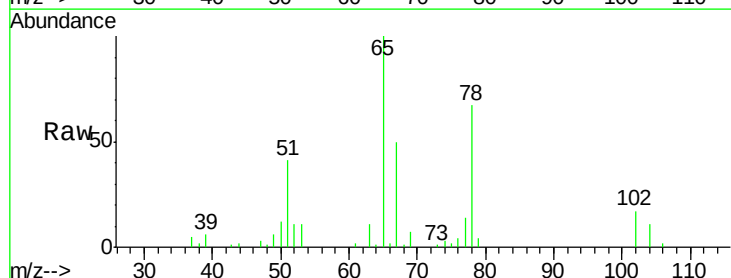
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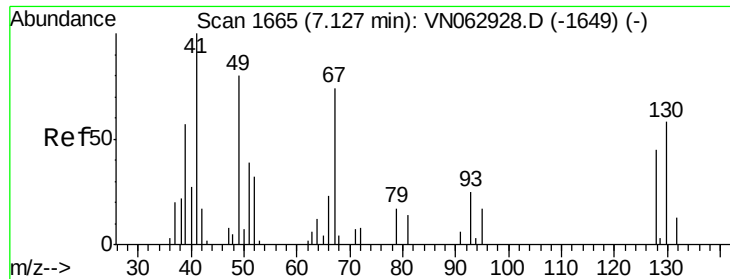
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#34
Benzene
Concen: 4.972 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.8	19.3	28.9
51	60.3	24.9	37.3#





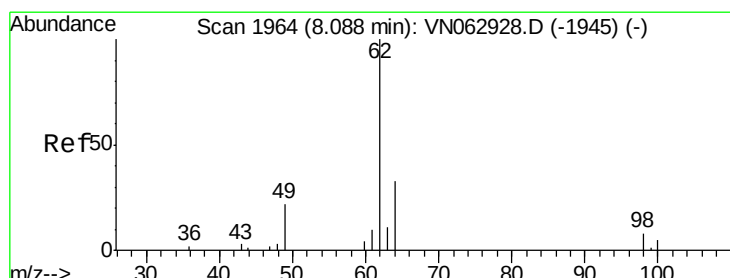
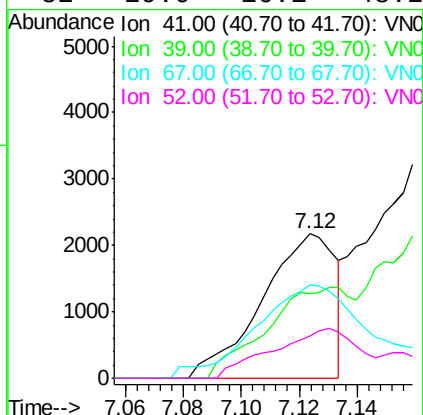
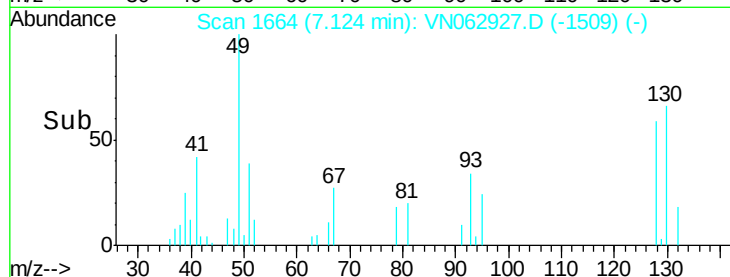
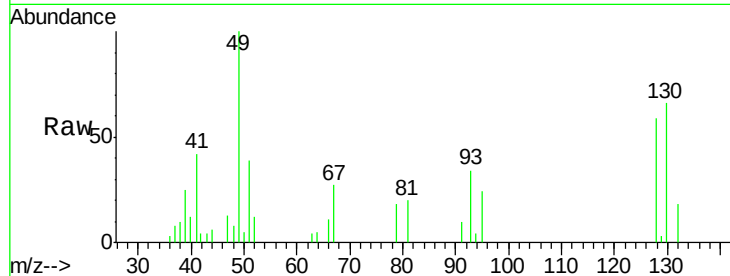
#35
Methacrylonitrile
Concen: 3.715 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.6	28.7	86.3	
67	56.2	36.8	110.3	
52	29.0	16.1	48.2	

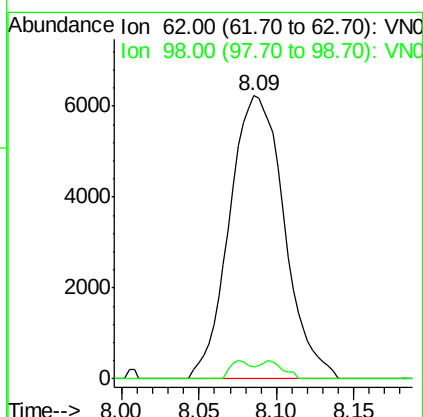
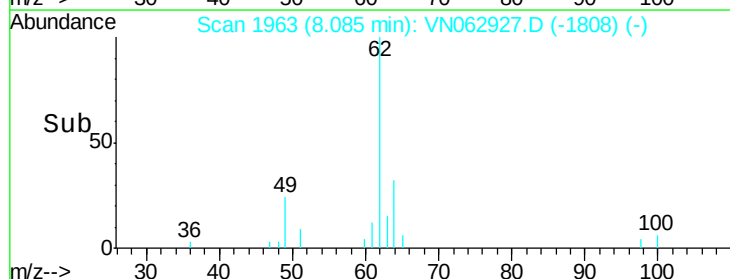
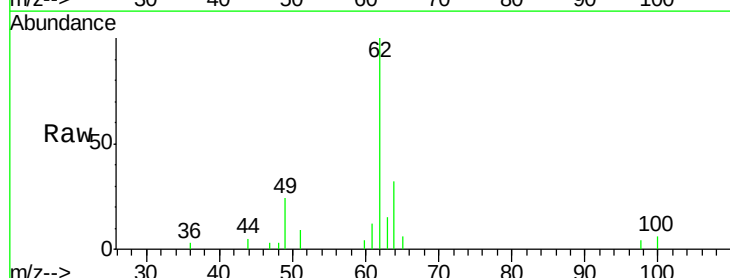
Manual Integrations
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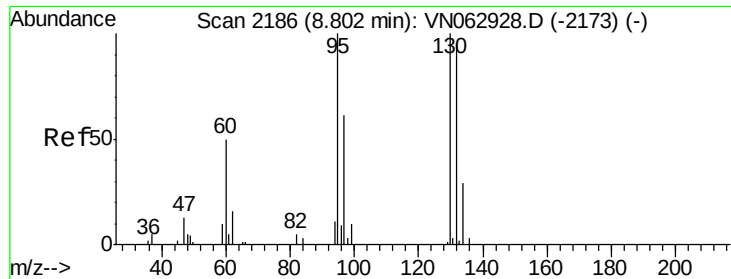
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#36
1,2-Dichloroethane
Concen: 6.045 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	2.4	6.1	9.1#	





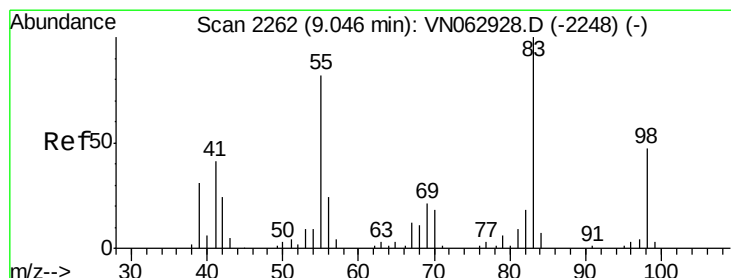
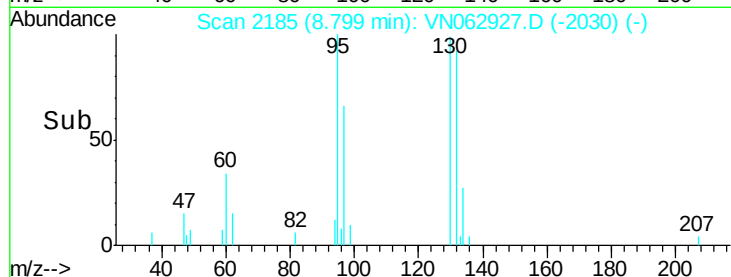
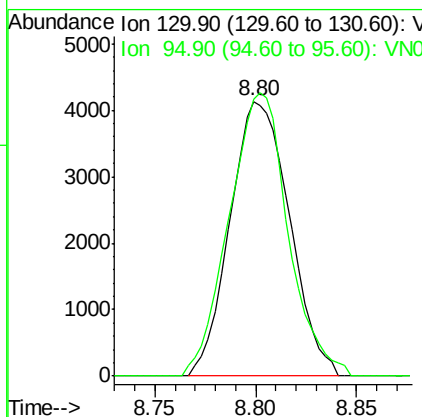
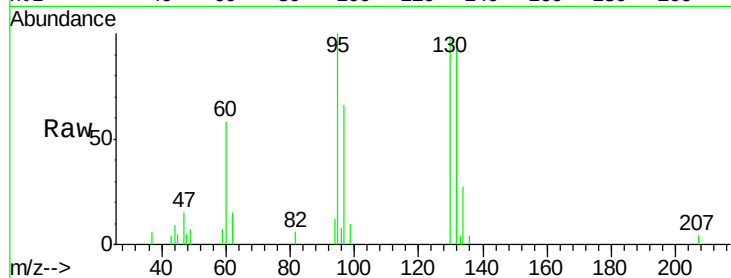
#37
 Trichloroethene
 Concen: 5.476 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 8509
 Ion Ratio Lower Upper
 130 100
 95 96.7 80.1 120.1

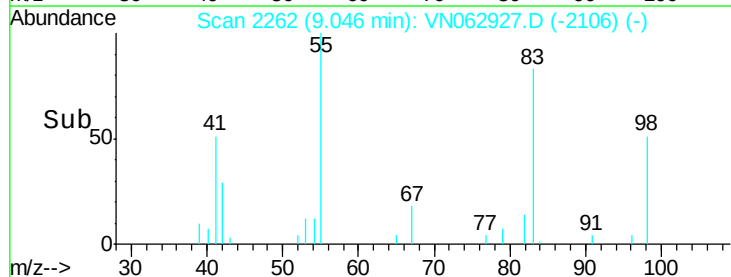
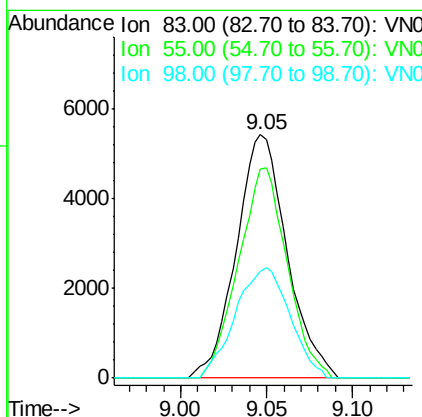
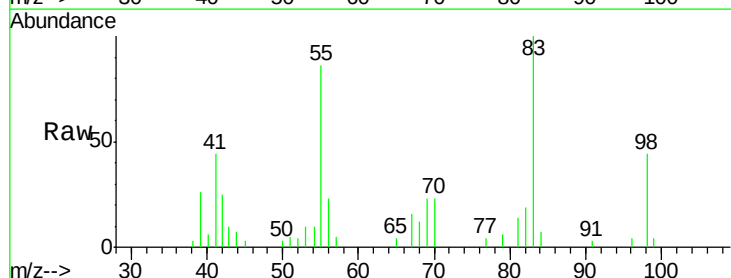
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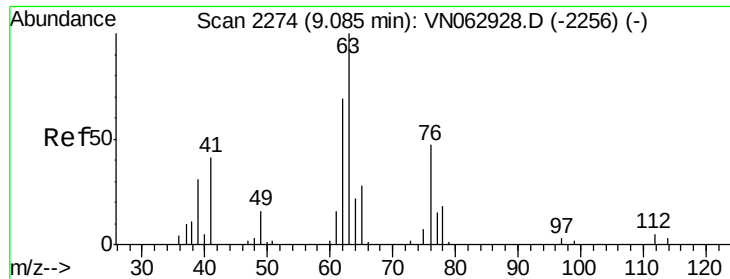
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#38
 Methylcyclohexane
 Concen: 4.308 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion: 83 Resp: 11140
 Ion Ratio Lower Upper
 83 100
 55 82.8 40.8 122.5
 98 48.5 22.3 66.8





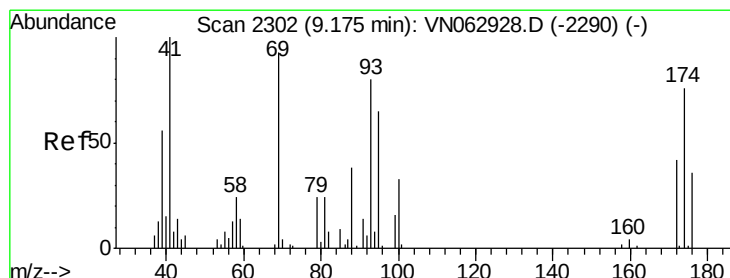
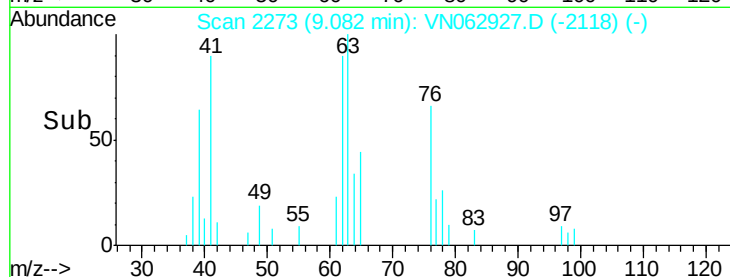
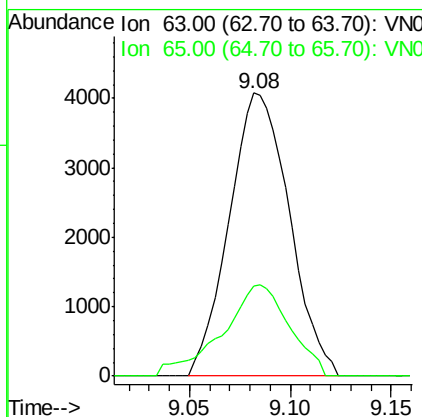
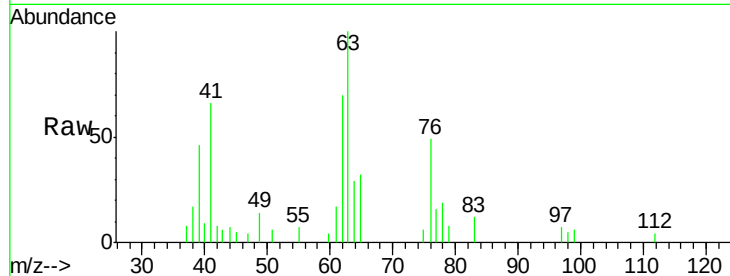
#39
 1,2-Dichloropropane
 Concen: 4.429 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion: 63 Resp: 8482
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.8 35.6

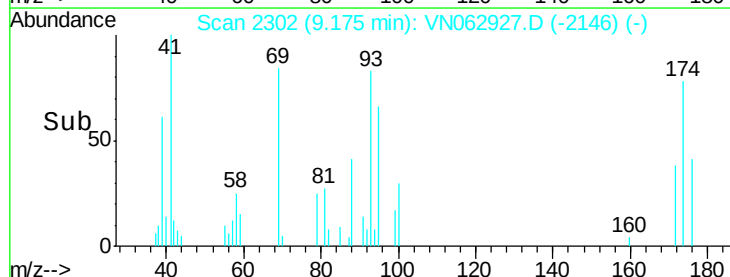
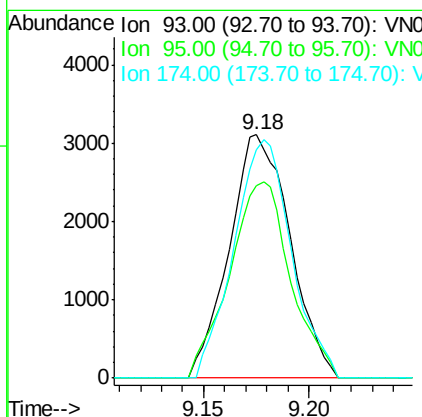
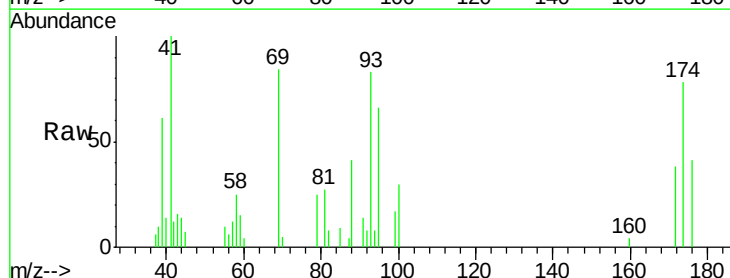
Manual Integrations
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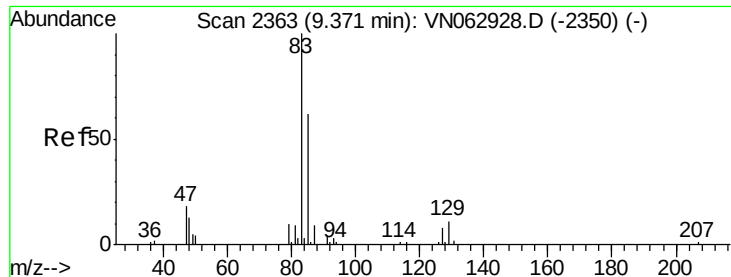
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#40
 Dibromomethane
 Concen: 5.469 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion: 93 Resp: 6235
 Ion Ratio Lower Upper
 93 100
 95 80.9 0.0 161.8
 174 92.8 0.0 190.0





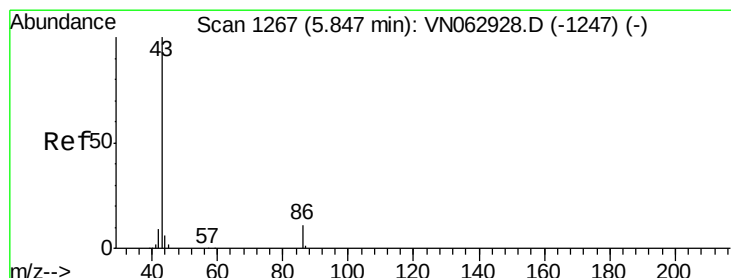
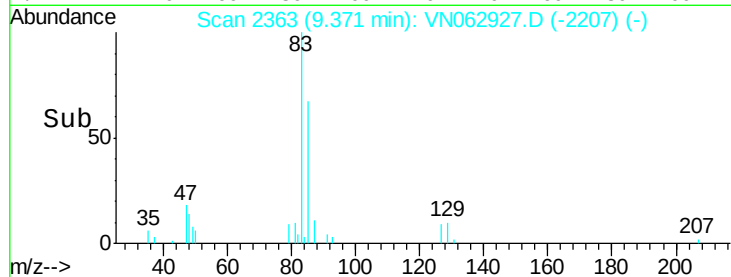
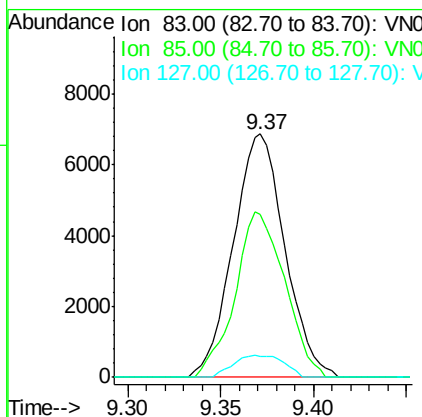
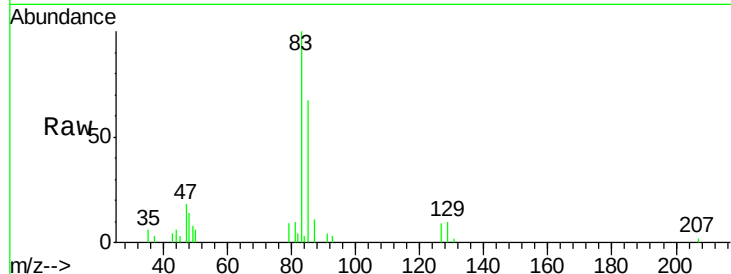
#41
 Bromodichloromethane
 Concen: 5.428 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	83	Resp	13293
Ion Ratio	100	Lower	Upper
83	100		
85	66.8	49.9	74.9
127	8.7	7.1	10.7

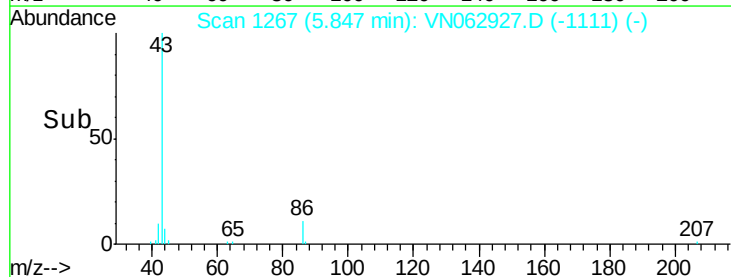
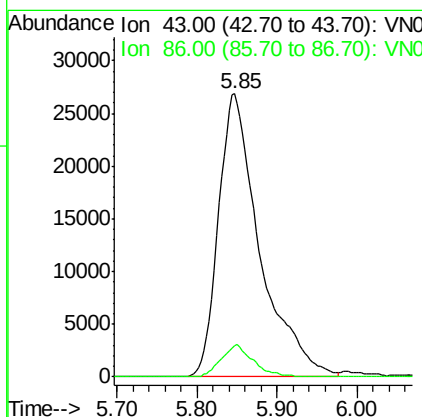
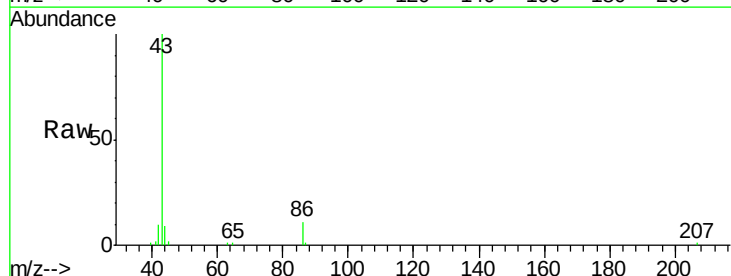
Manual Integrations
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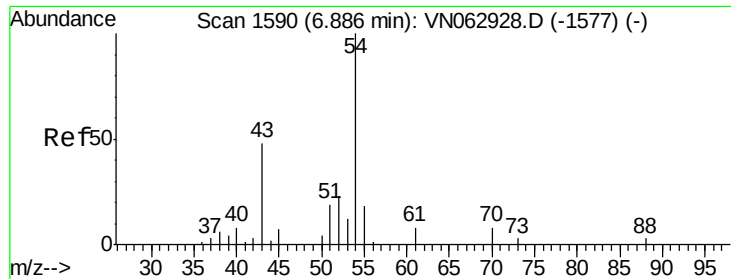
MMDadoda
 8/17/2020 9:19:56 AM



#42
 Vinyl Acetate
 Concen: 19.948 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion	43	Resp	95329
Ion Ratio	100	Lower	Upper
43	100		
86	8.6	7.1	10.7





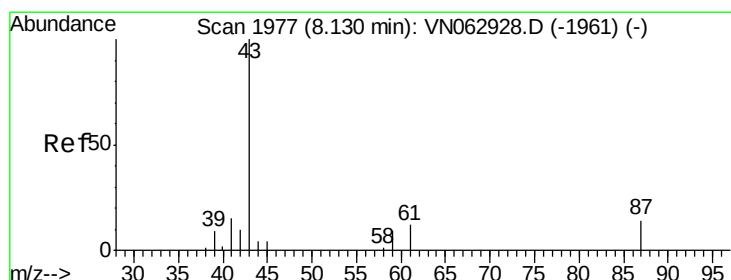
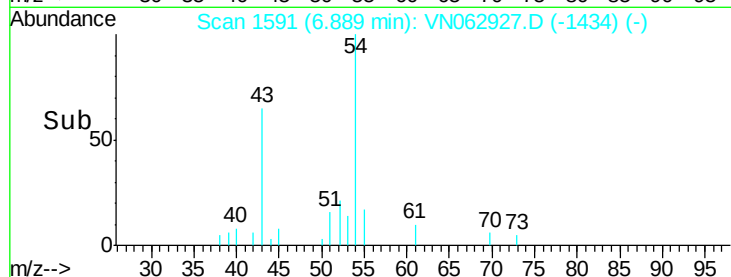
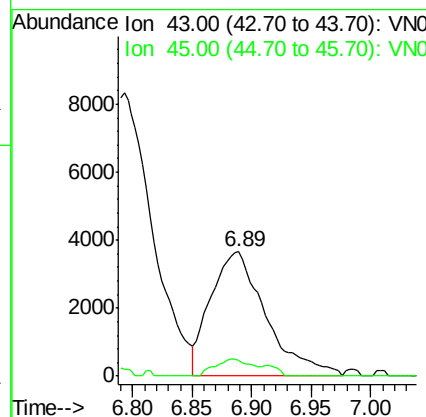
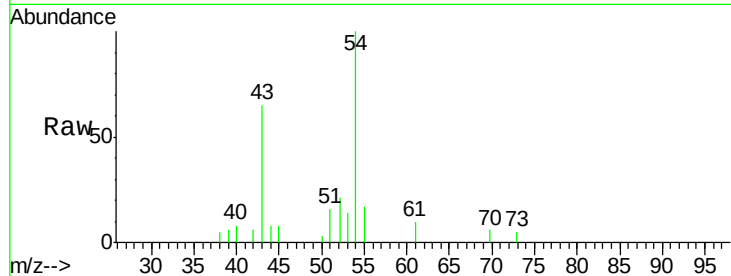
#43
Ethyl Acetate
Concen: 4.956 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 11858
Ion Ratio Lower Upper
43 100
45 8.6 6.6 9.8

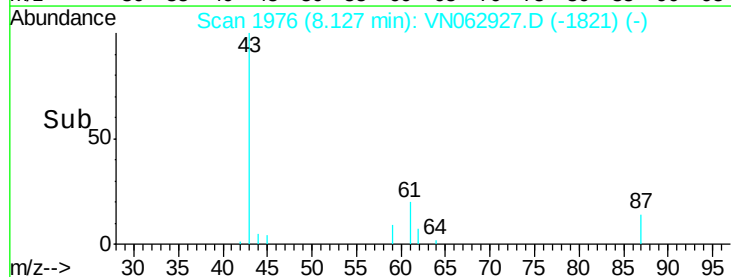
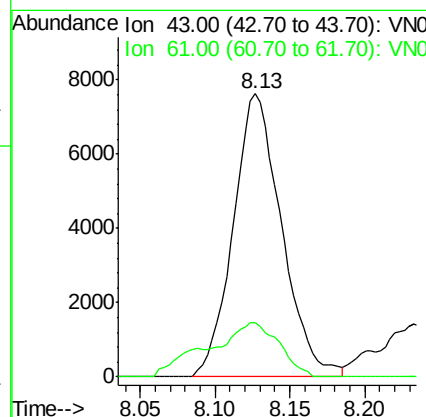
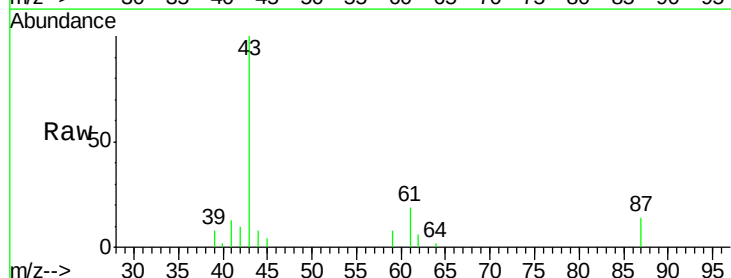
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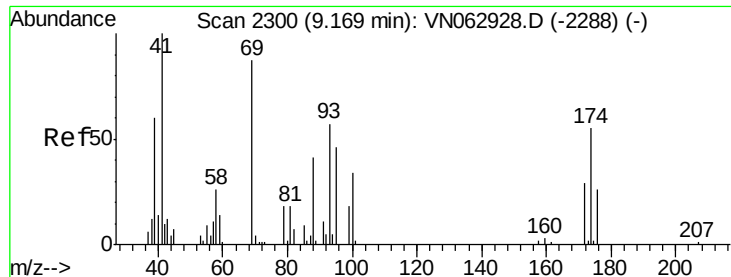
MMDadoda
8/17/2020 9:19:56 AM



#44
Isopropyl Acetate
Concen: 4.301 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion: 43 Resp: 17172
Ion Ratio Lower Upper
43 100
61 18.7 17.2 25.8





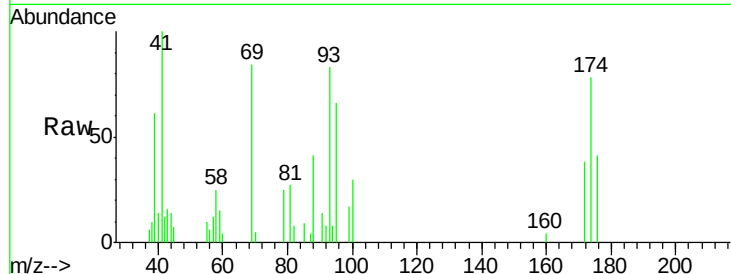
#45
1,4-Dioxane
Concen: 115.407 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. 0.01 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	22.0	26.0	39.0#
58	65.1	54.2	81.2

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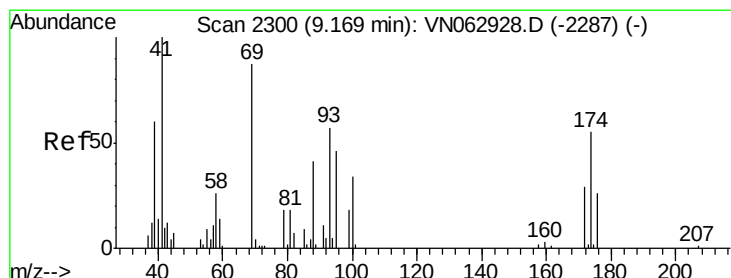
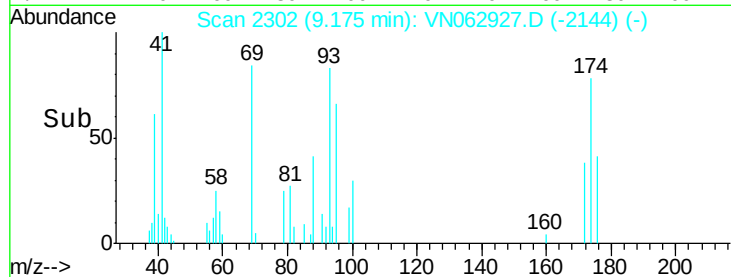
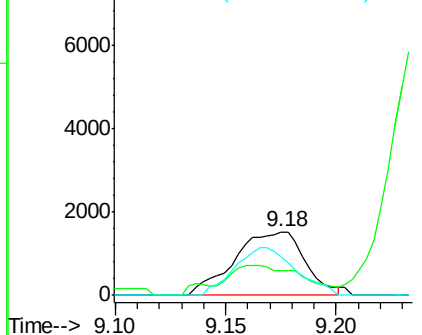


Abundance

Ion 88.00 (87.70 to 88.70): VN062927.D (-2144) (-)

Ion 43.00 (42.70 to 43.70): VN062927.D (-2144) (-)

Ion 58.00 (57.70 to 58.70): VN062927.D (-2144) (-)



#46
Methyl methacrylate
Concen: 4.423 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

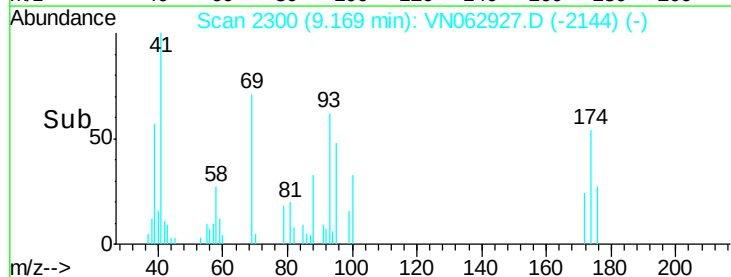
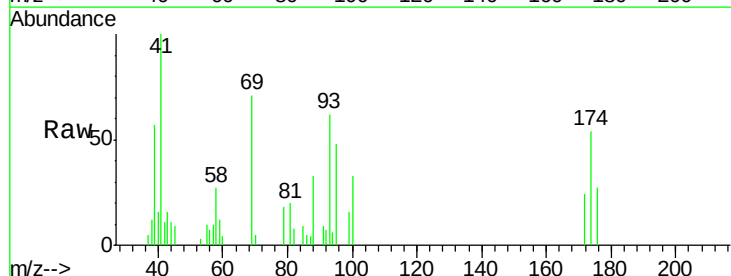
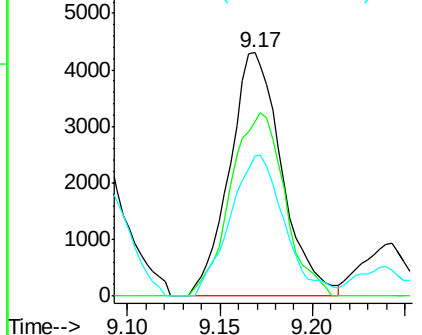
Tgt Ion	Ratio	Lower	Upper
41	100		
69	71.5	43.6	130.9
39	57.3	29.9	89.8

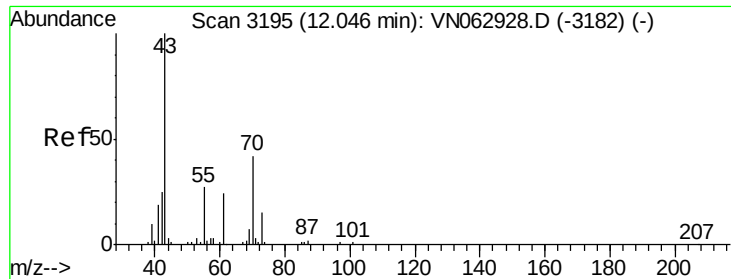
Abundance

Ion 41.00 (40.70 to 41.70): VN062927.D (-2144) (-)

Ion 69.00 (68.70 to 69.70): VN062927.D (-2144) (-)

Ion 39.00 (38.70 to 39.70): VN062927.D (-2144) (-)





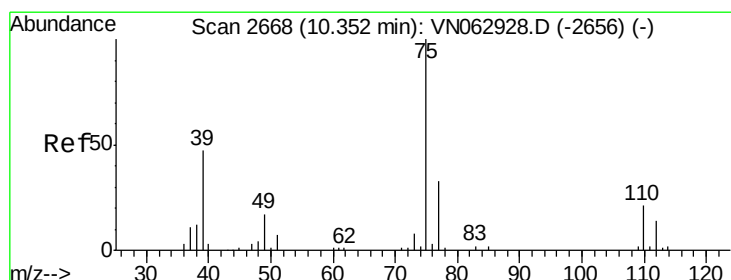
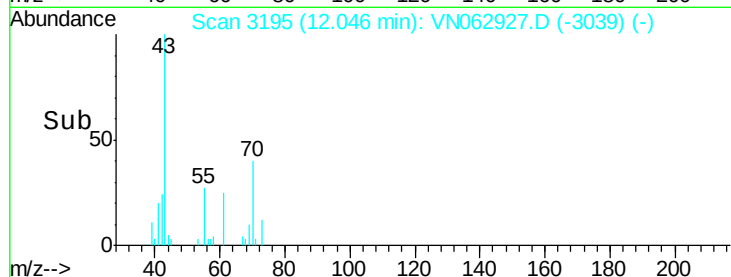
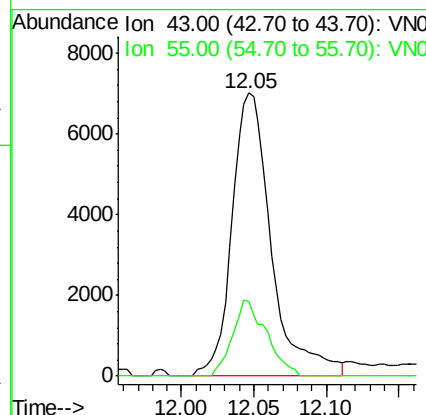
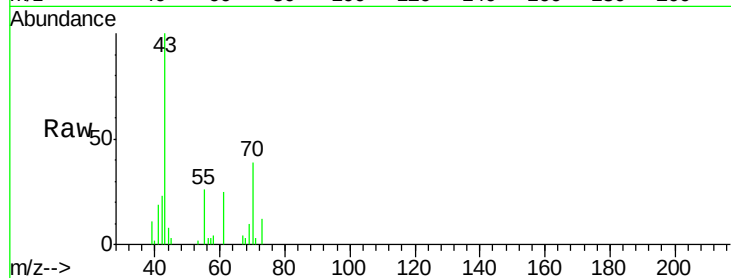
#47
n-amvl Acetate
Concen: 3.880 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	43	Resp	13245
Ion Ratio	100	Lower	Upper
43	100		
55	22.9	20.8	31.2

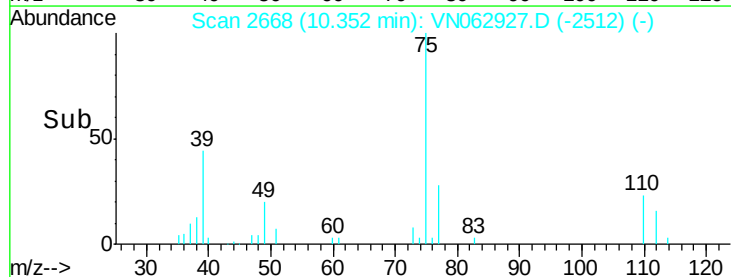
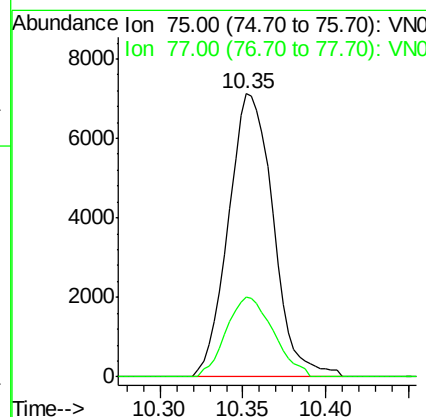
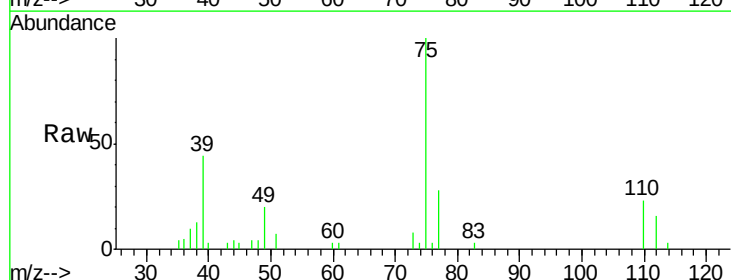
Manual Integrations
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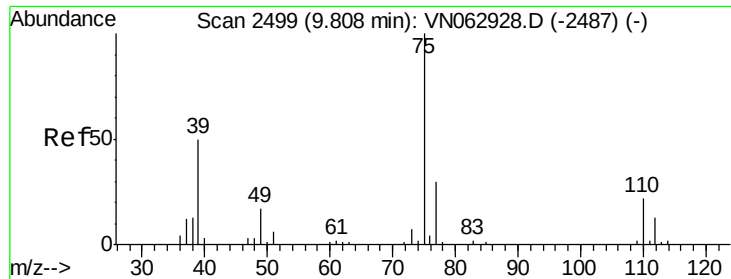
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#48
t-1,3-Dichloropropene
Concen: 4.793 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	75	Resp	13387
Ion Ratio	100	Lower	Upper
75	100		
77	28.2	26.2	39.2





#49

cis-1,3-Dichloropropene

Concen: 4.529 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

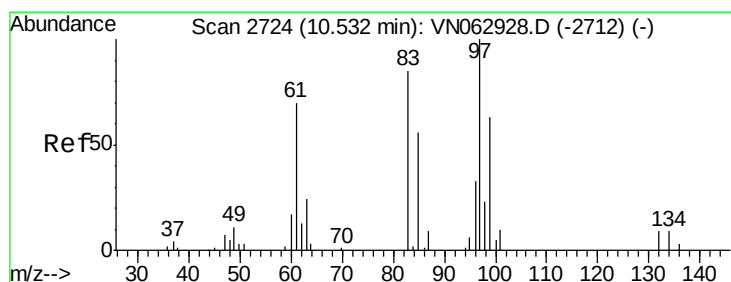
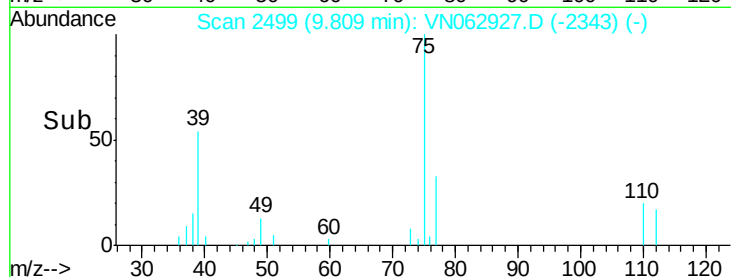
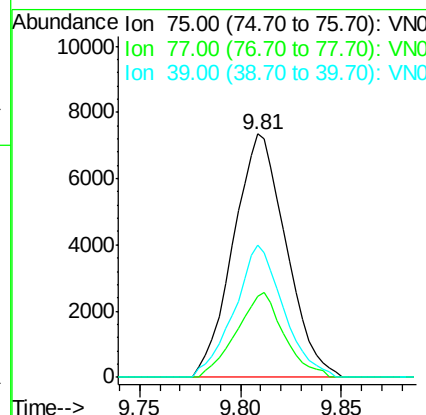
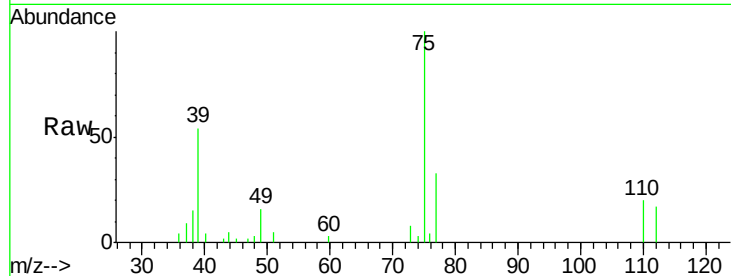
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	13424
Ion	Ratio	Lower	Upper
75	100		
77	33.2	24.4	36.6
39	54.4	40.2	60.4

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#50

1,1,2-Trichloroethane

Concen: 5.365 ug/l

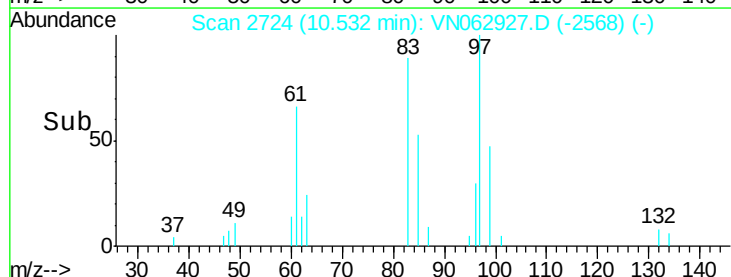
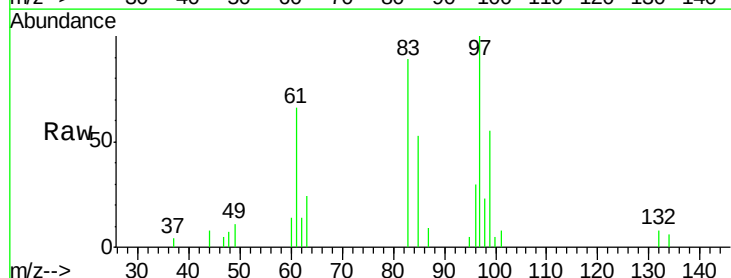
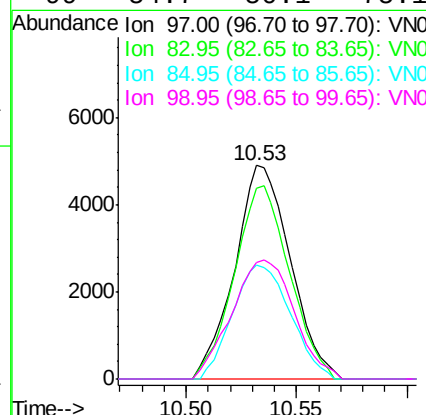
RT: 10.53 min Scan# 2724

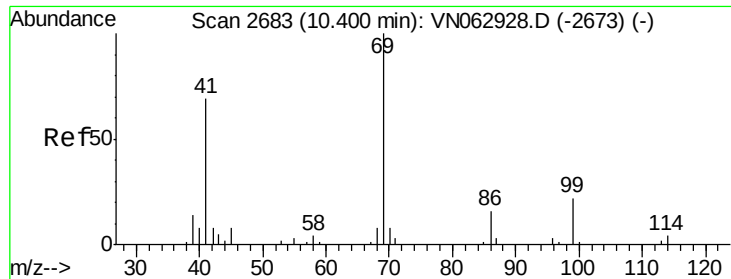
Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Tgt Ion:	97	Resp:	8604
Ion	Ratio	Lower	Upper
97	100		
83	89.5	67.8	101.6
85	53.1	44.5	66.7
99	54.7	50.1	75.1





#51

Ethyl methacrylate

Concen: 4.080 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

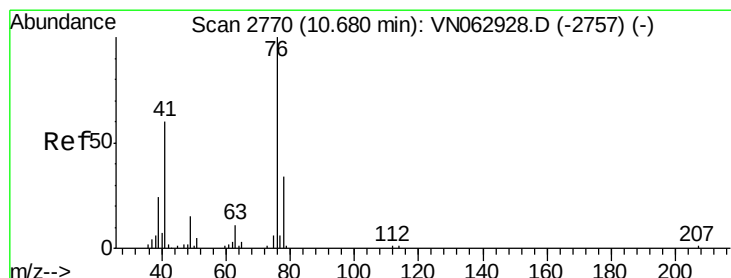
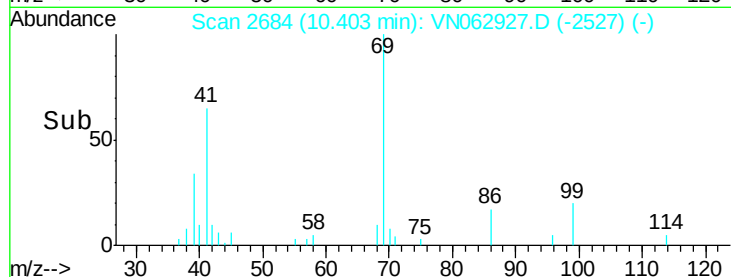
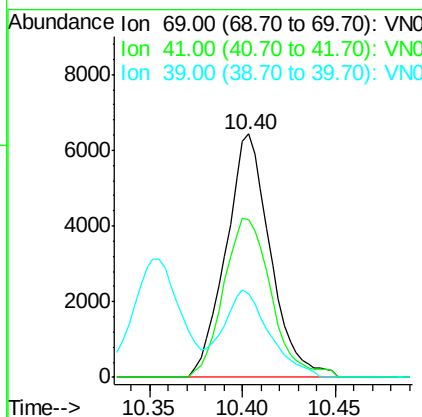
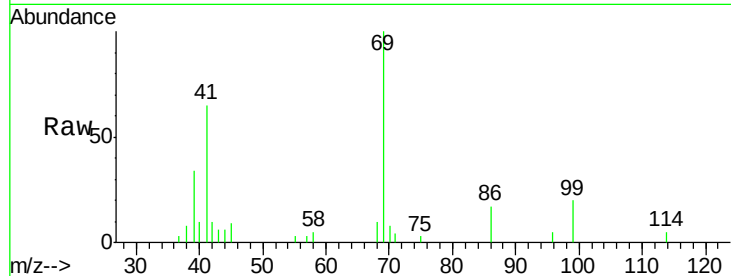
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	10729
Ion Ratio	Lower	Upper	
69	100		
41	65.1	34.8	104.3
39	34.4	18.6	55.8

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#52

1,3-Dichloropropane

Concen: 5.097 ug/l

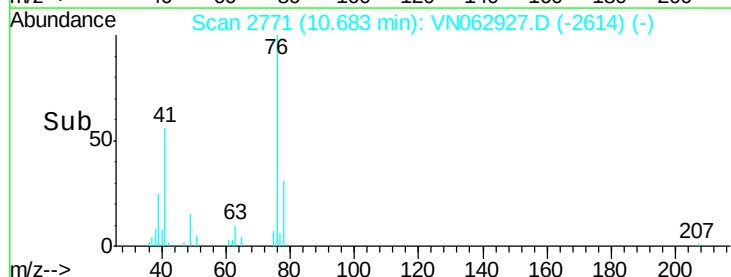
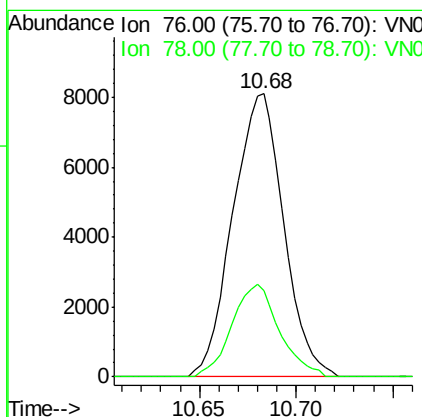
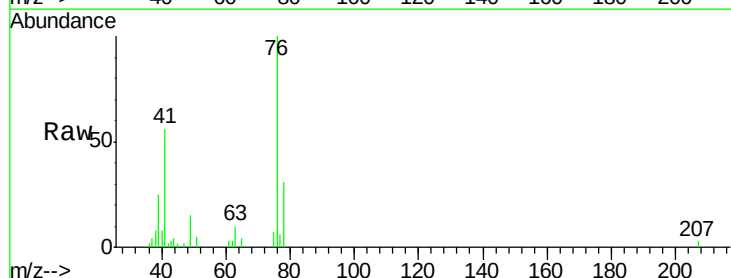
RT: 10.68 min Scan# 2771

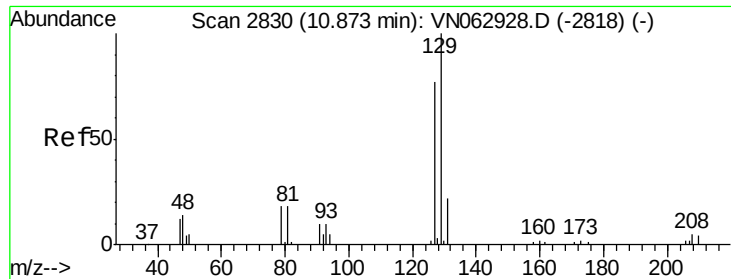
Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Tgt Ion:	76	Resp:	14827
Ion Ratio	Lower	Upper	
76	100		
78	30.5	0.0	66.2





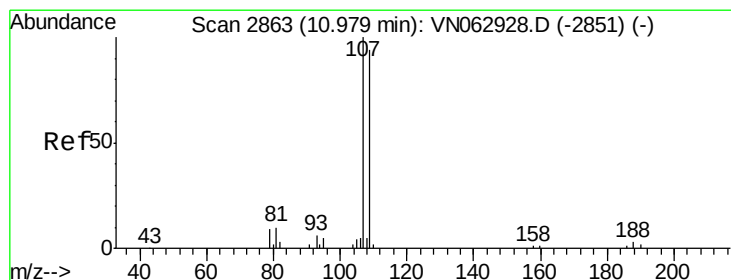
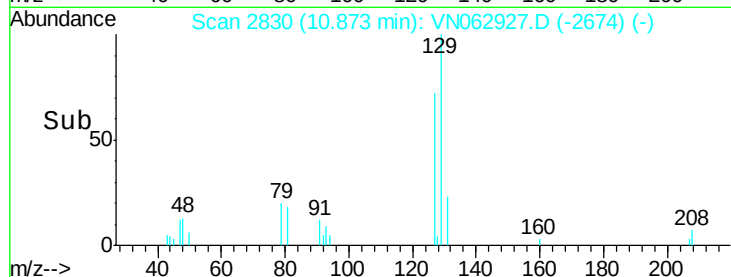
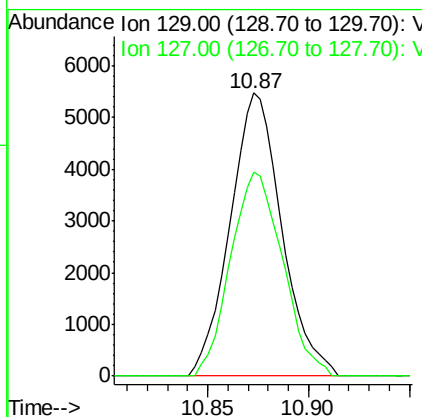
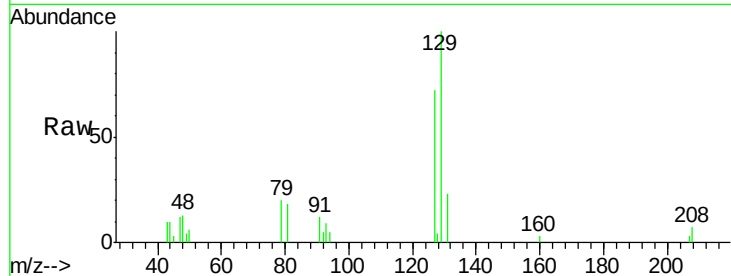
#53
 Dibromochloromethane
 Concen: 5.509 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
129	100		
127	72.4	38.1	114.5

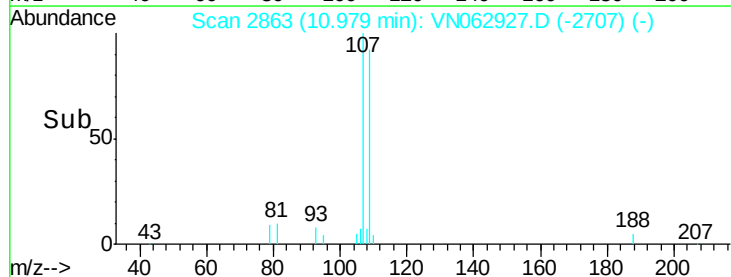
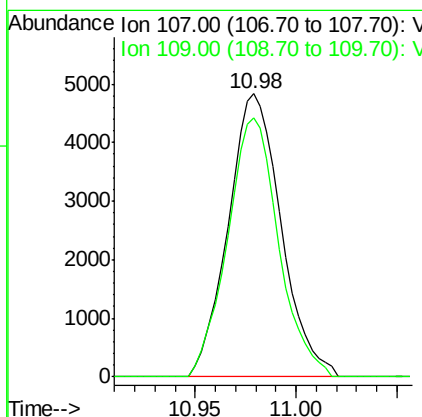
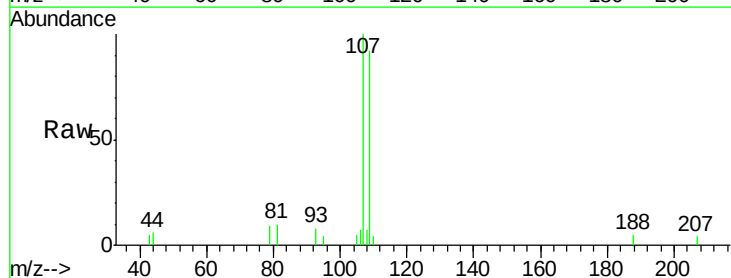
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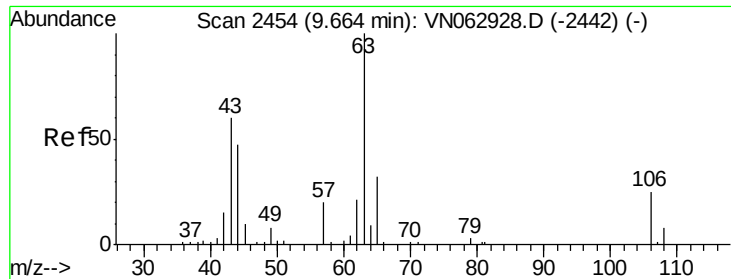
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 8/17/2020 9:19:56 AM



#54
 1,2-Dibromoethane
 Concen: 5.400 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
107	100		
109	88.1	76.9	115.3





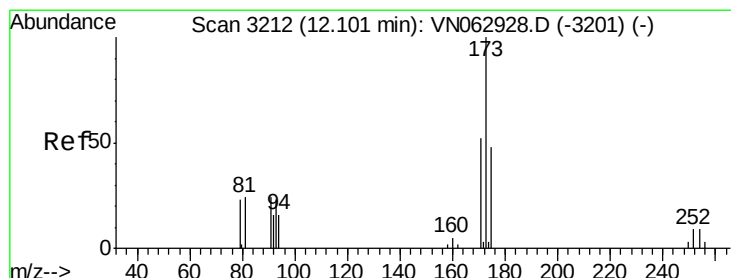
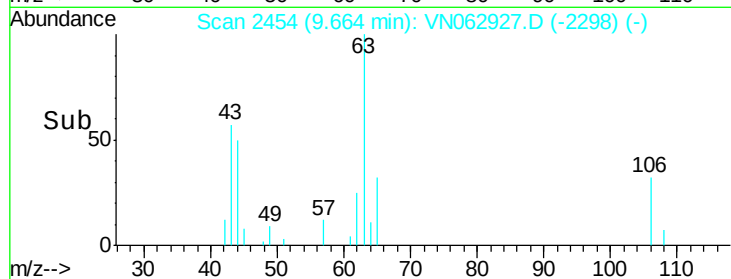
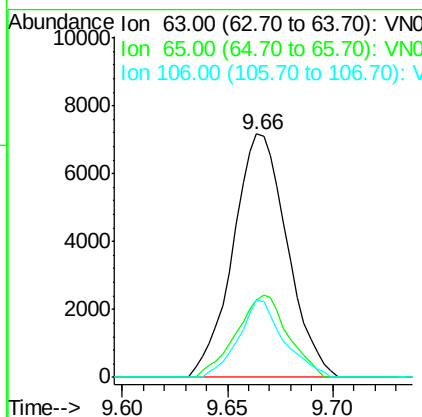
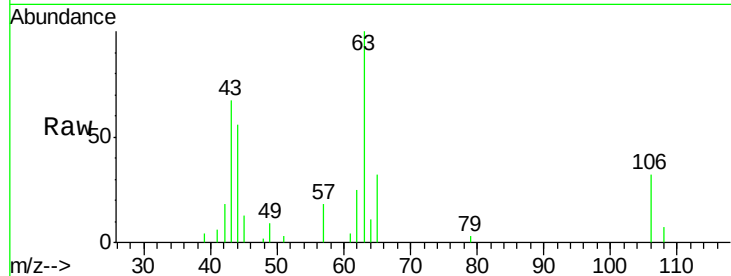
#55
2-Chloroethyl vinyl ether
Concen: 16.051 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:	63	Resp:	12775
Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.8	38.8
106	26.6	20.4	30.6

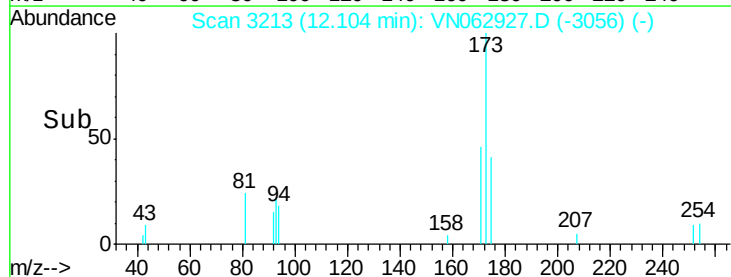
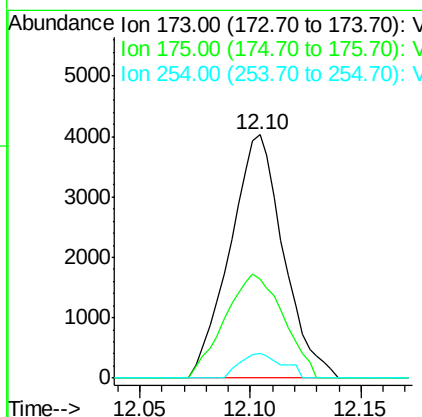
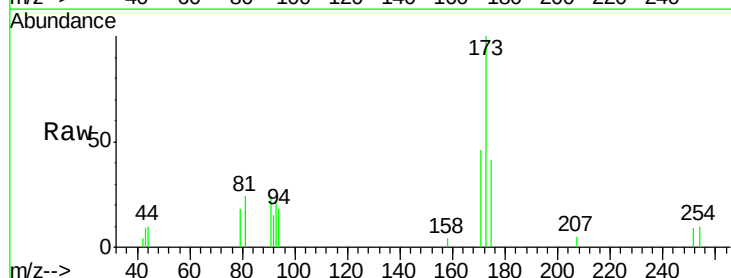
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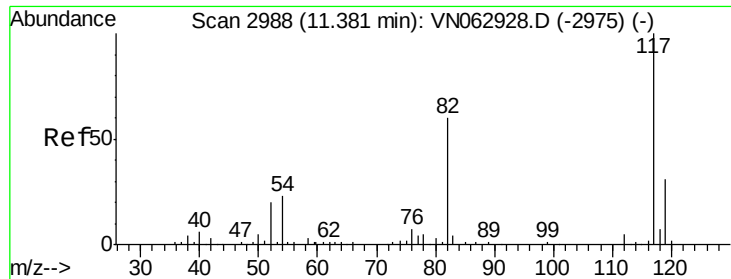
MMDadoda
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#56
Bromoform
Concen: 5.501 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion:	173	Resp:	6748
Ion	Ratio	Lower	Upper
173	100		
175	46.8	37.8	56.6
254	6.8	6.9	10.3#





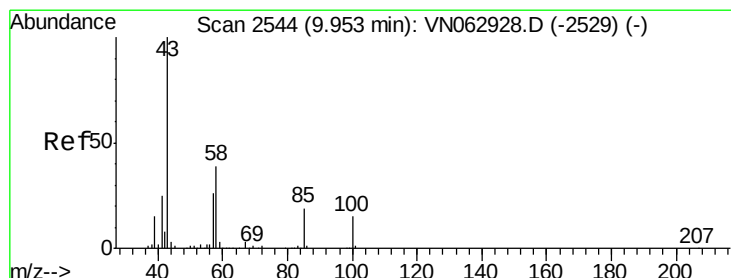
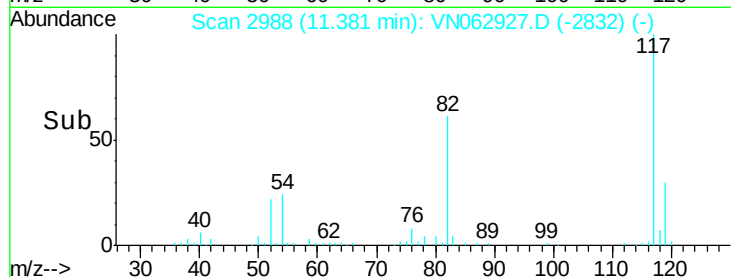
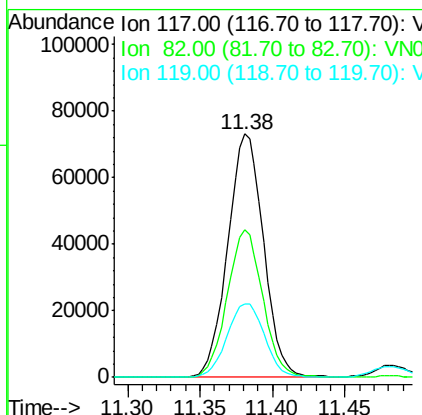
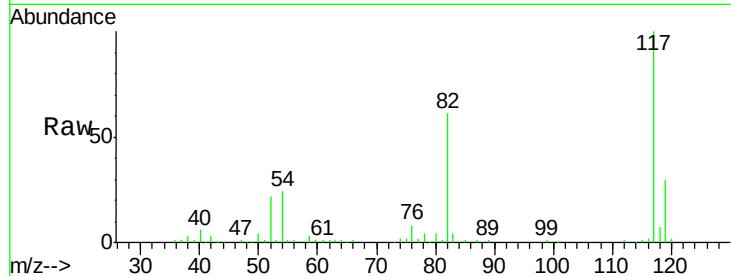
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.5	71.3
119	31.8	26.0	39.0

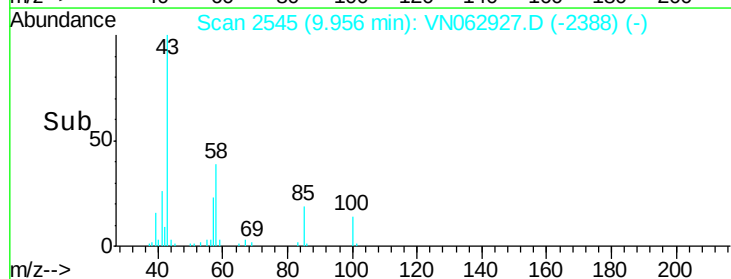
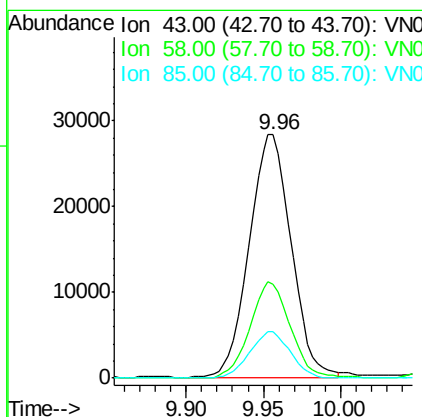
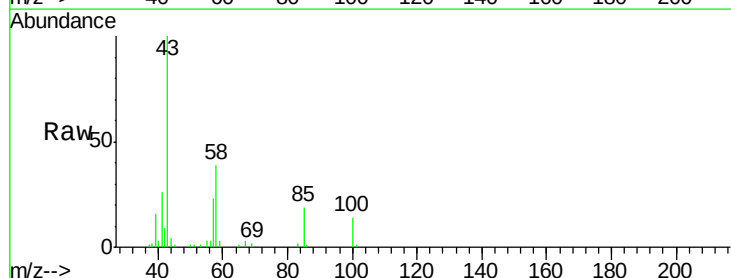
Manual Integrations
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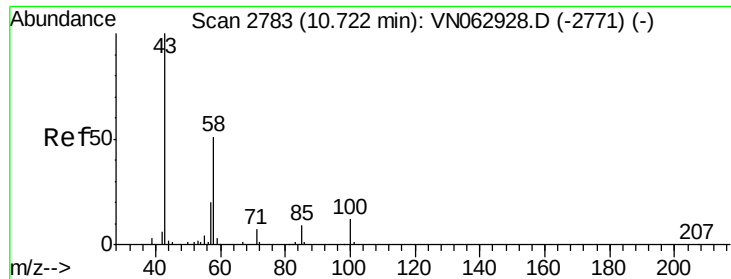
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 23.009 ug/l
RT: 9.96 min Scan# 2545
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.3	31.3	46.9
85	18.3	15.2	22.8





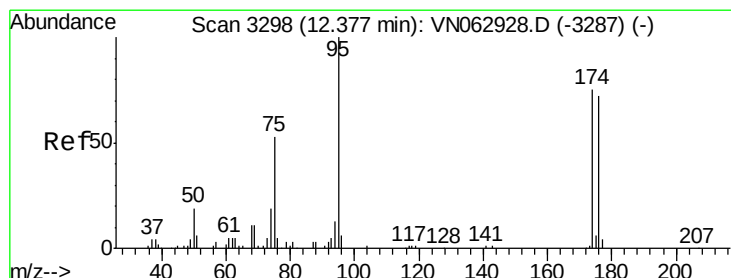
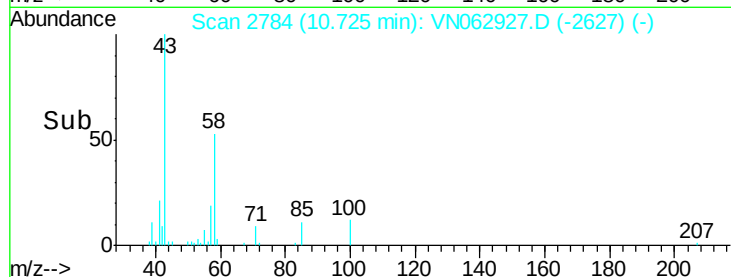
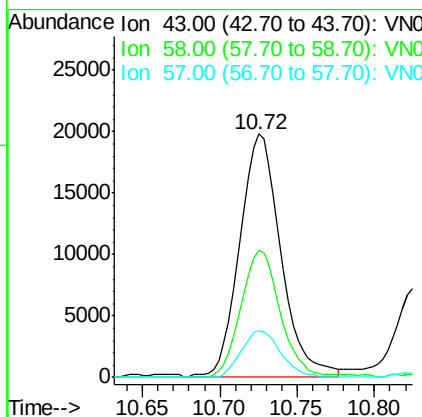
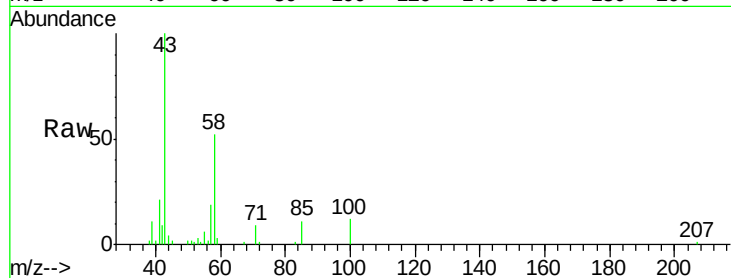
#59
2-Hexanone
Concen: 21.403 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.5	41.8	62.6
57	18.2	16.2	24.2

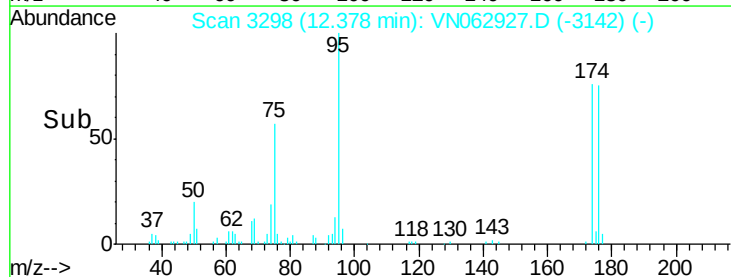
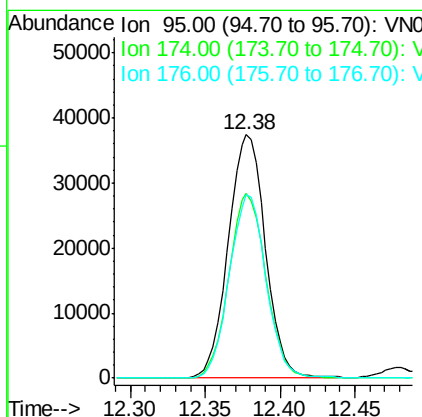
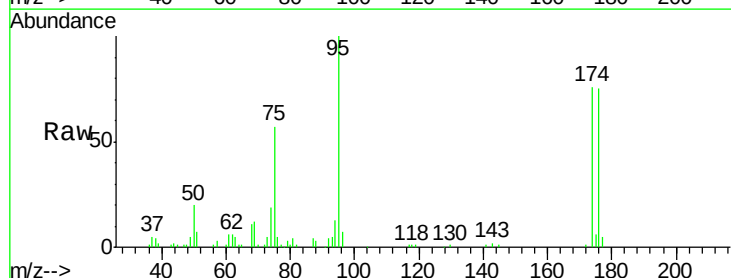
Manual Integrations
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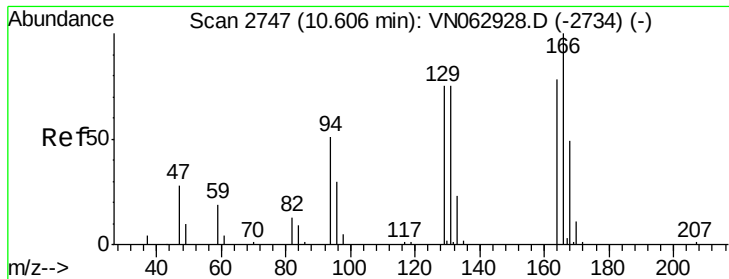
MMDadoda
8/17/2020 9:19:56 AM



#60
4-Bromofluorobenzene
Concen: 30.499 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.5	60.9	91.3
176	74.0	57.8	86.8





#61

Tetrachloroethene

Concen: 6.049 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

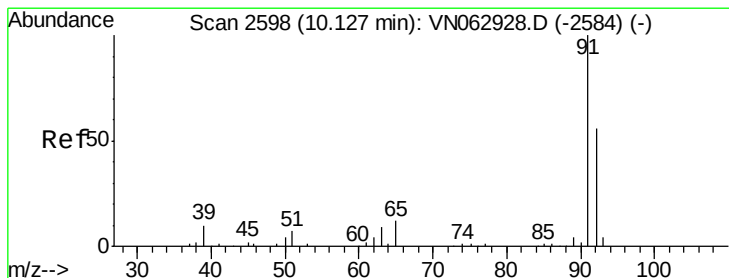
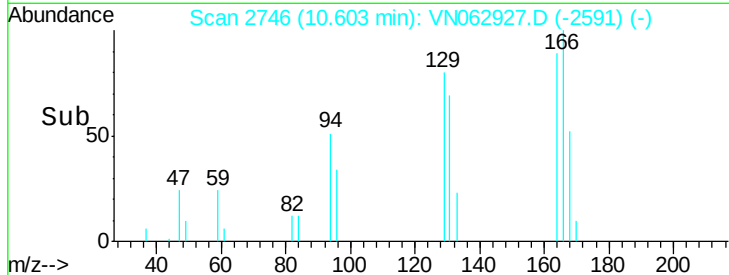
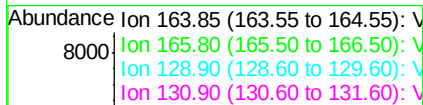
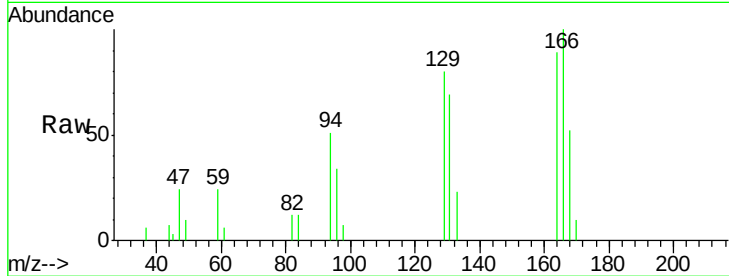
ClientSampleId :

VSTDIC005

Tot Ion:	164	Resp:	7680
Ion	Ratio	Lower	Upper
164	100		
166	111.9	101.9	152.9
129	89.0	76.4	114.6
131	77.6	76.5	114.7

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8/17/2020 9:19:56 AM



#62

Toluene

Concen: 5.301 ug/l

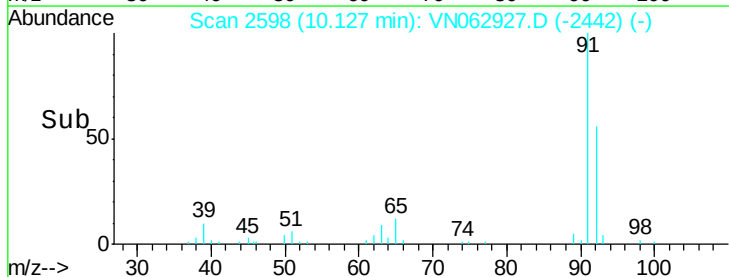
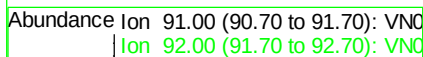
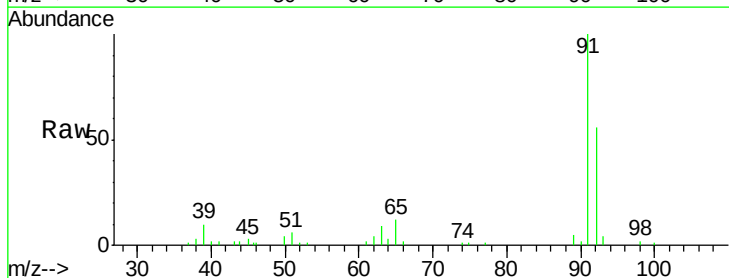
RT: 10.13 min Scan# 2598

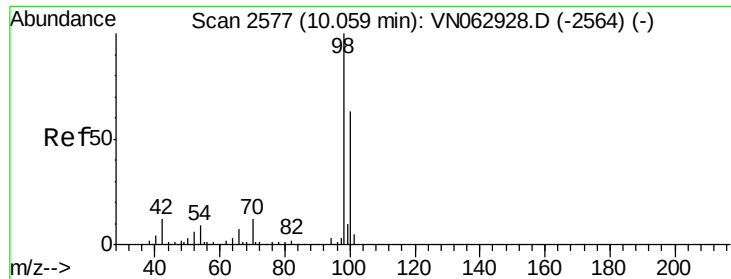
Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Tgt Ion:	91	Resp:	36703
Ion	Ratio	Lower	Upper
91	100		
92	55.1	45.2	67.8





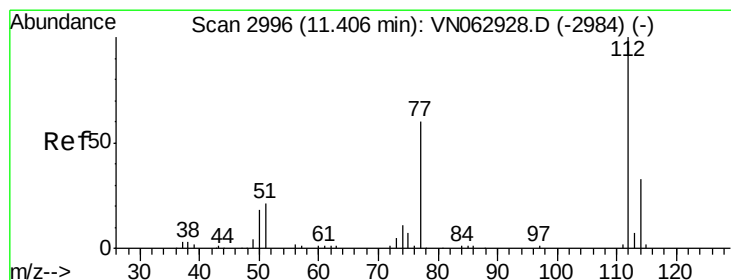
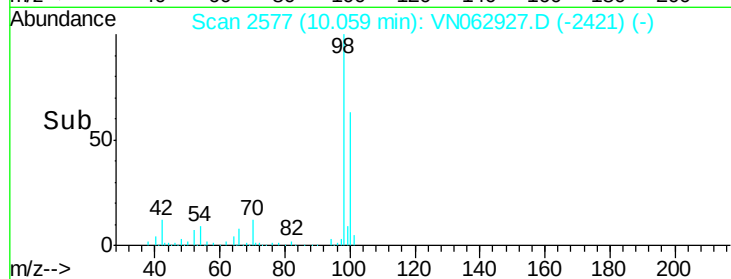
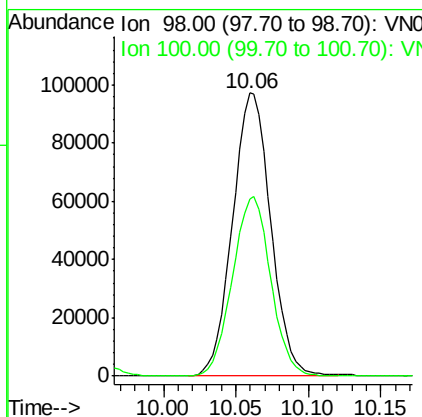
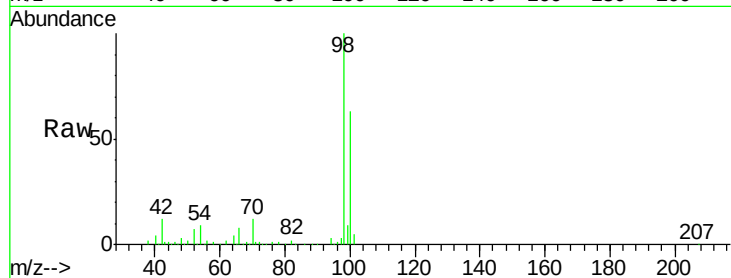
#63
Toluene-d8
Concen: 30.325 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 98 Resp: 178199
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.6

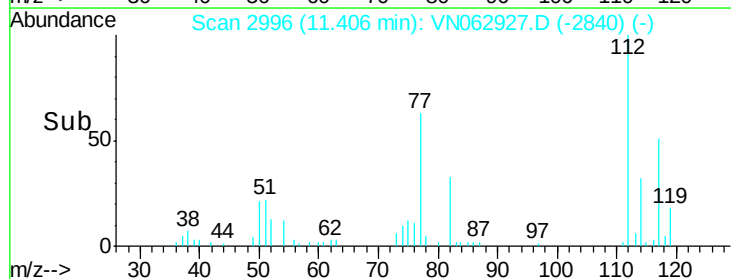
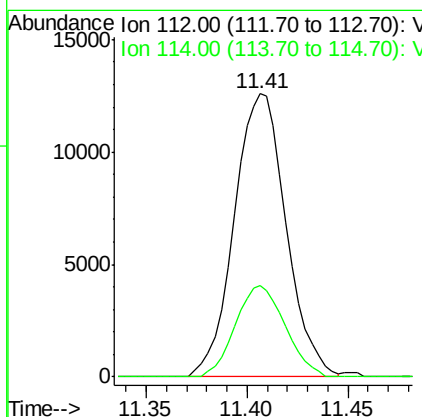
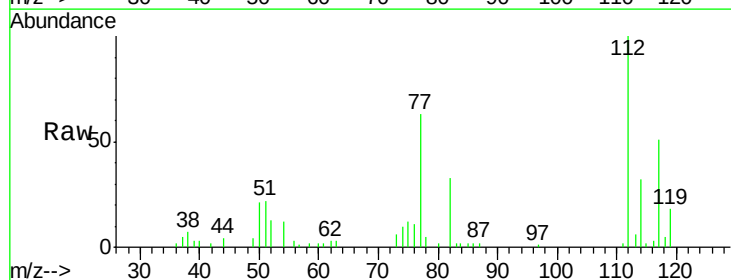
Manual Integrations
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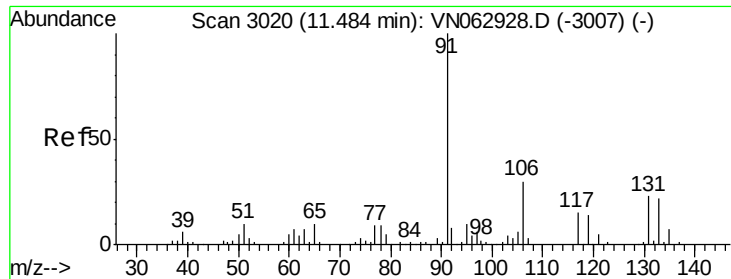
MMDadoda
8/17/2020 9:19:56 AM



#64
Chlorobenzene
Concen: 5.463 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion: 112 Resp: 22617
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2





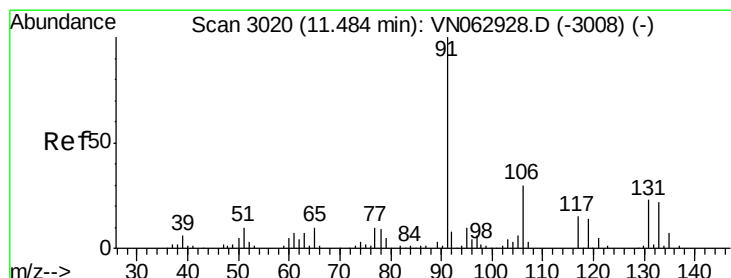
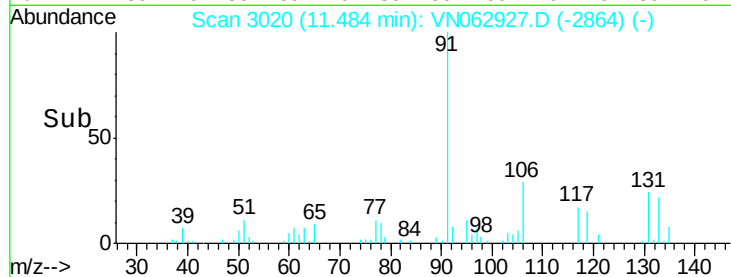
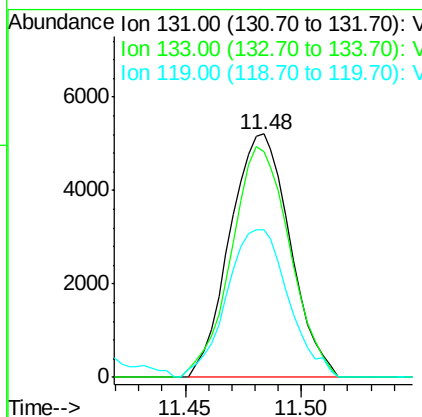
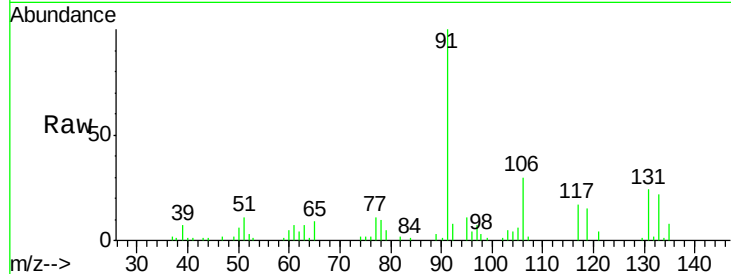
#65
 1,1,1,2-Tetrachloroethane
 Concen: 5.965 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
131	100	9369		
133	92.4	0.0	192.6	
119	62.2	0.0	125.4	

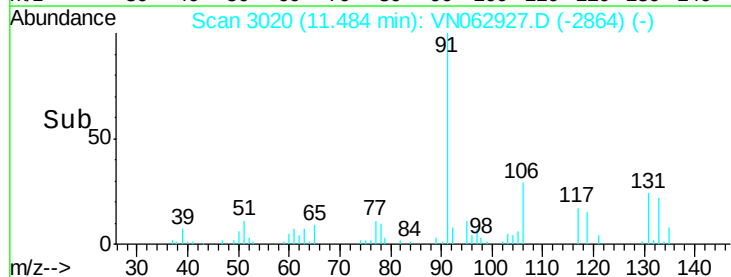
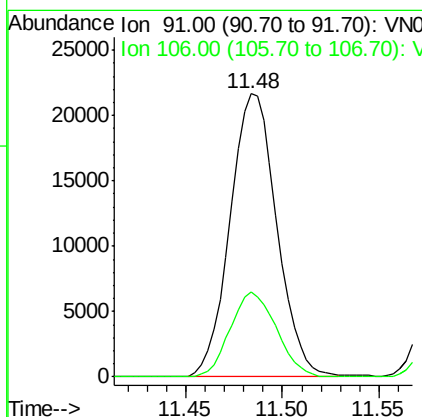
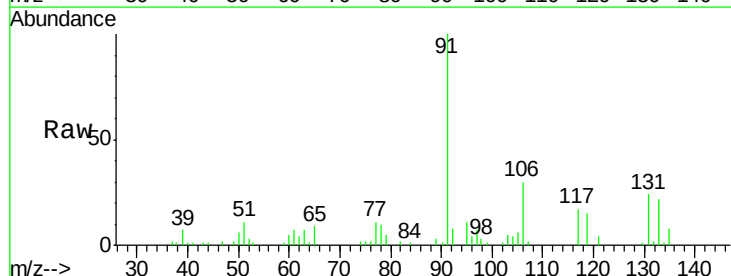
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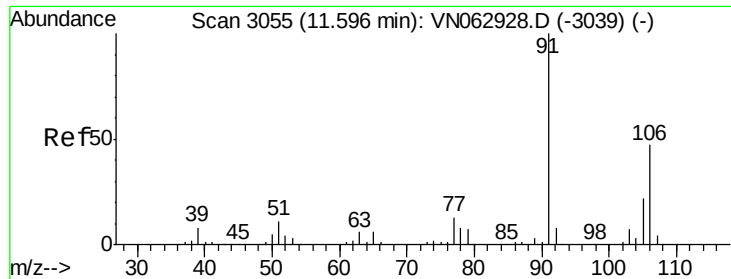
MMDadoda
 8/17/2020 9:19:56 AM



#66
 Ethyl Benzene
 Concen: 4.744 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	36362		
106	29.8	24.0	36.0	





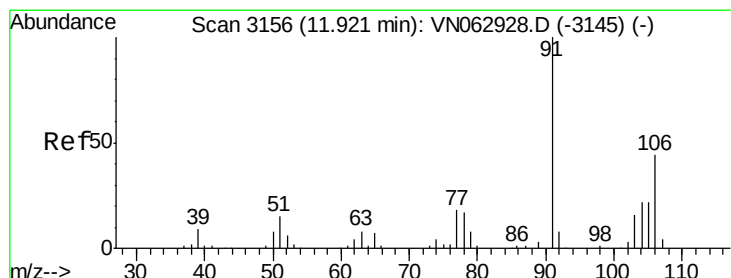
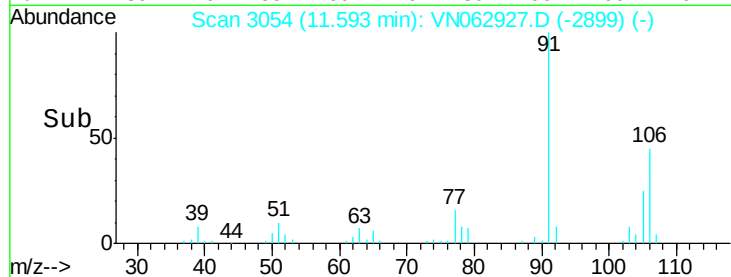
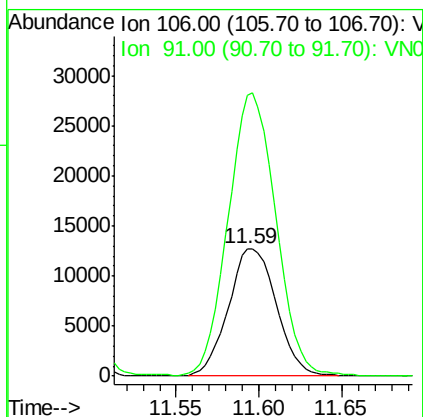
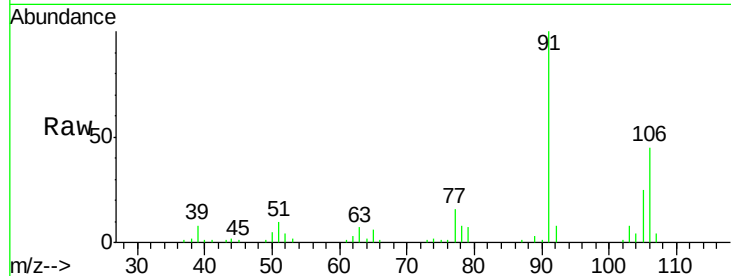
#67
m/p-Xylenes
Concen: 9.111 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 25680
Ion Ratio Lower Upper
106 100
91 220.9 171.0 256.6

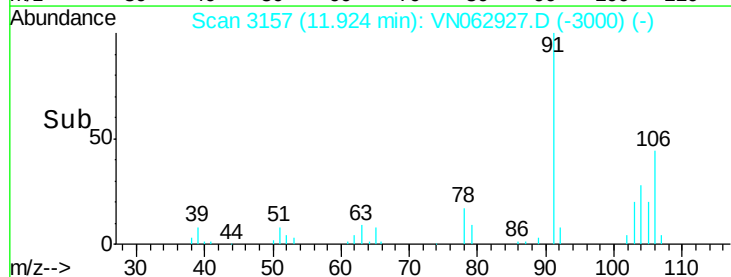
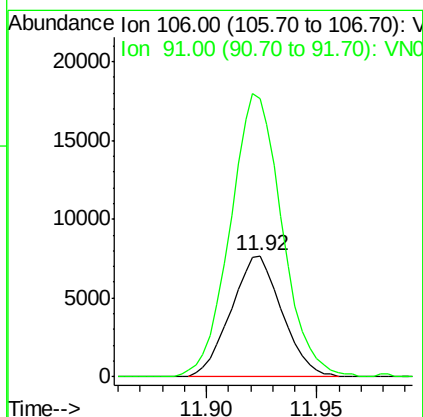
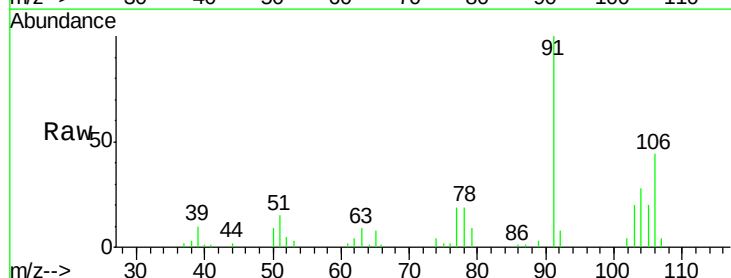
Manual Integrations
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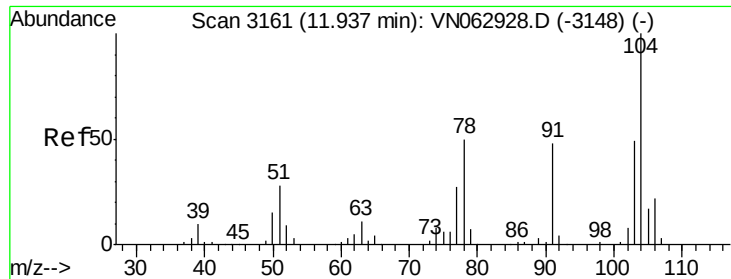
MMDadoda
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#68
o-Xylene
Concen: 4.599 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion:106 Resp: 12341
Ion Ratio Lower Upper
106 100
91 237.2 115.4 346.2





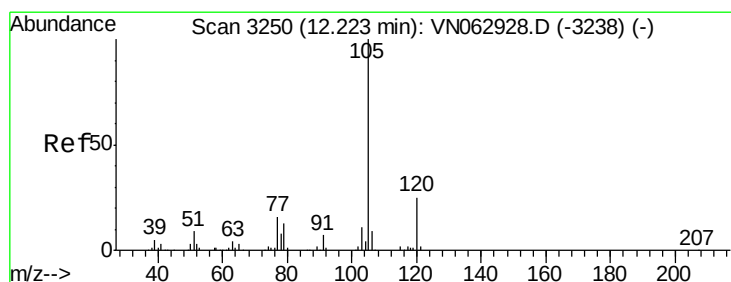
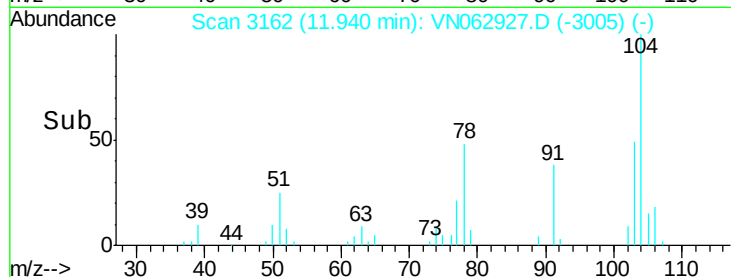
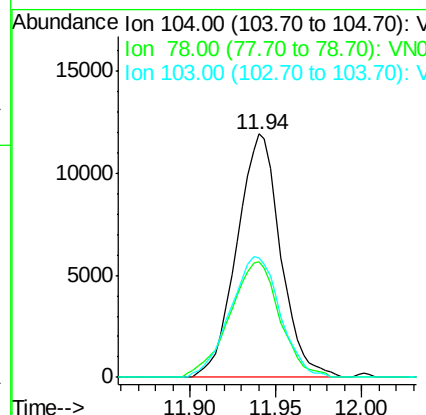
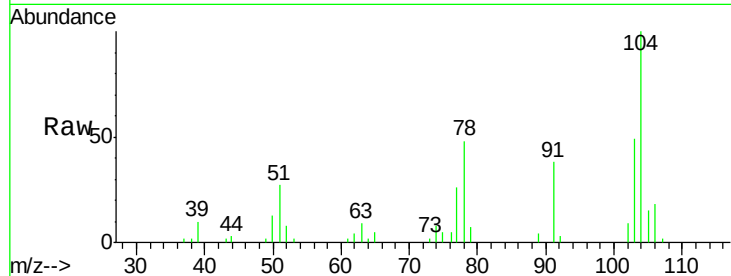
#69
Stvrene
Concen: 4.571 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.3	44.4	66.6
103	56.6	44.0	66.0

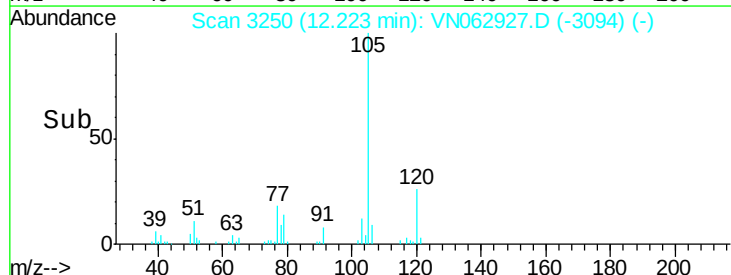
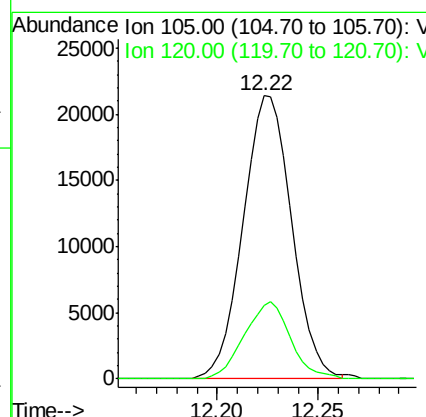
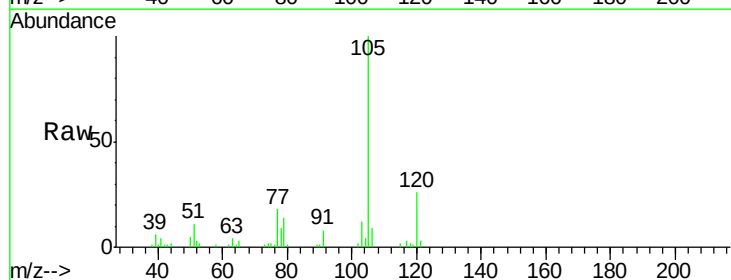
Manual Integrations
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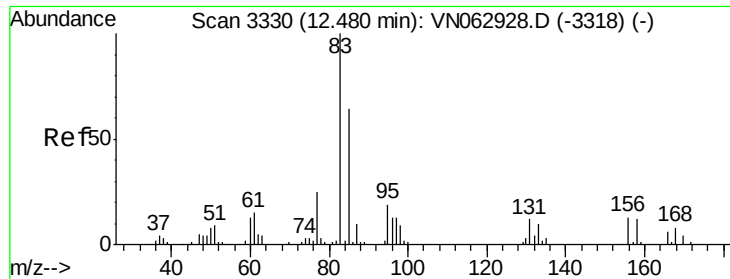
MMDadoda
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#70
Isopropylbenzene
Concen: 4.948 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	18.0	33.4





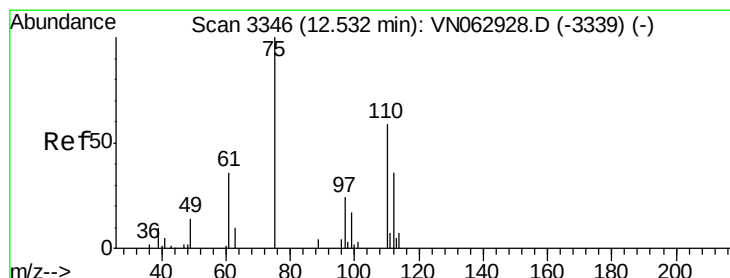
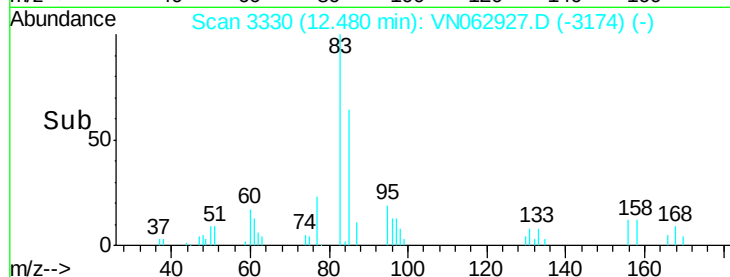
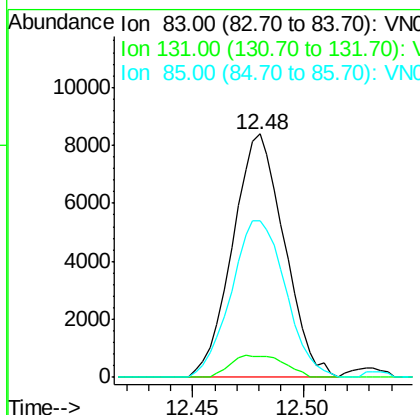
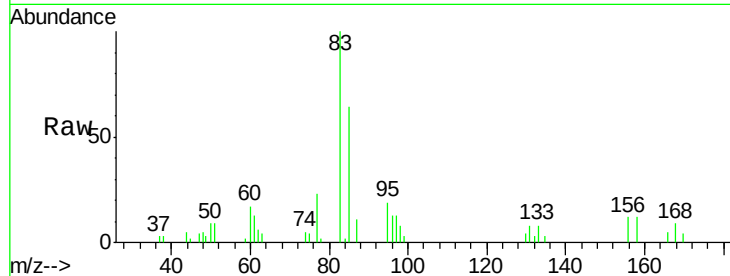
#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.772 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion	83	Resp	13672
Ion Ratio	100	Lower	Upper
83	100		
131	9.3	5.5	16.4
85	67.9	31.7	95.1

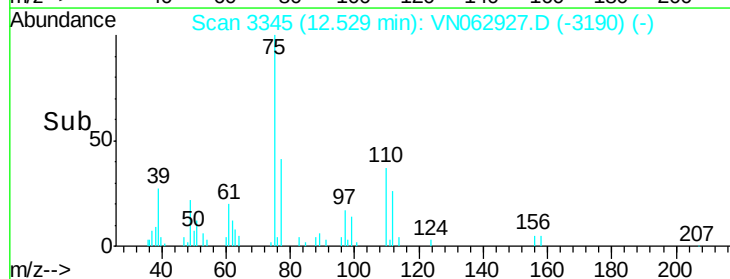
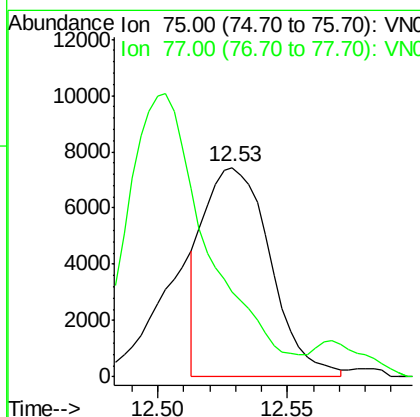
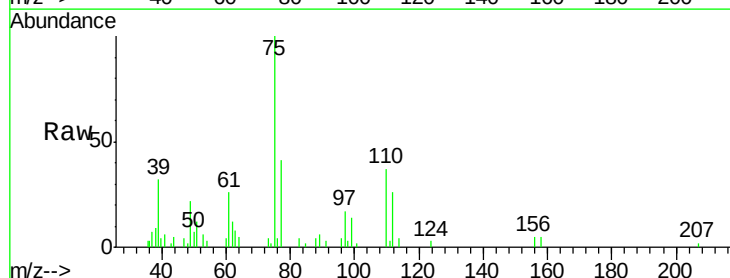
Manual Integrations
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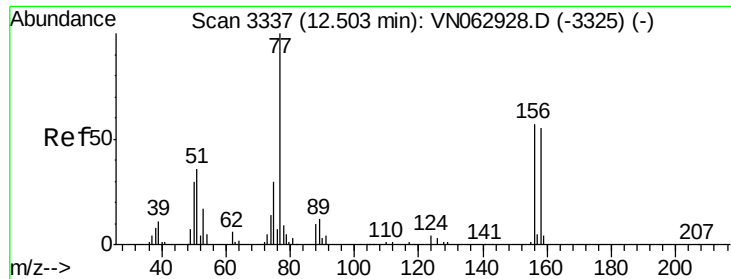
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#72
 1,2,3-Trichloropropane
 Concen: 5.707 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion	75	Resp	13356
Ion Ratio	100	Lower	Upper
75	100		
77	164.5	0.0	313.0





#73

Bromobenzene

Concen: 5.671 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

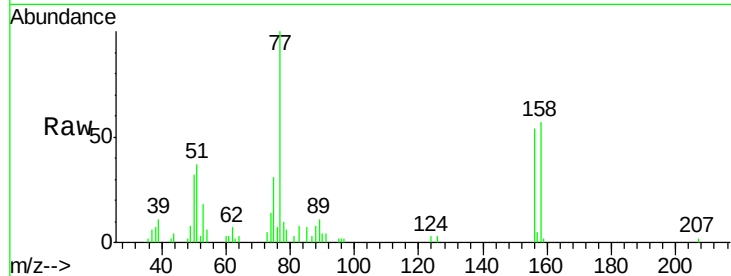
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	9711
Ion	Ratio	Lower	Upper
156	100		
77	226.2	0.0	448.4
158	99.2	0.0	195.0

Manual Integrations
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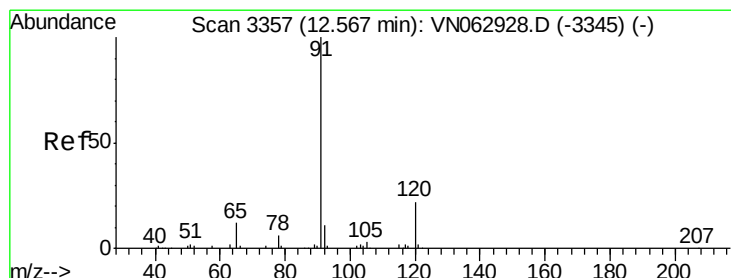
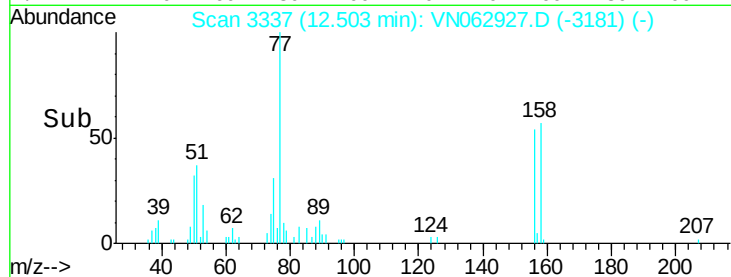
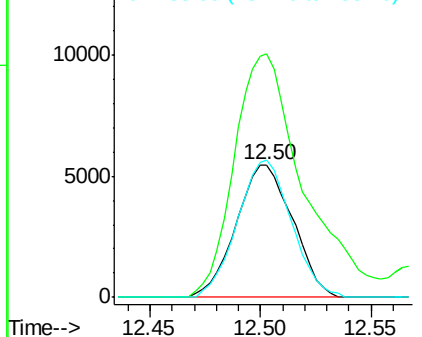
MMDadoda
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.812 ug/l

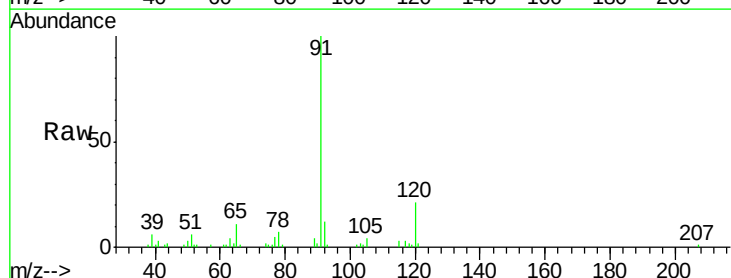
RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062927.D

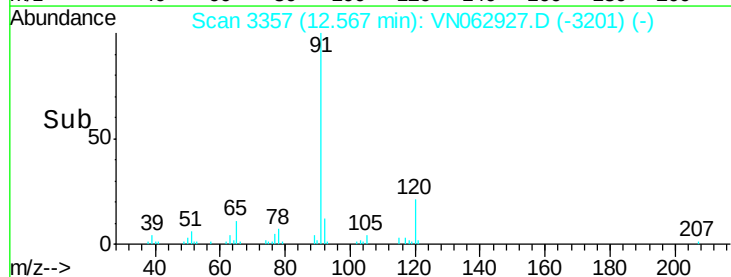
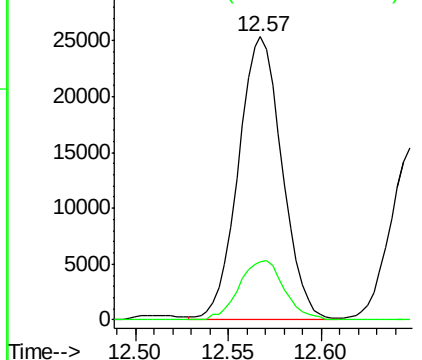
Acq: 13 Aug 2020 22:32

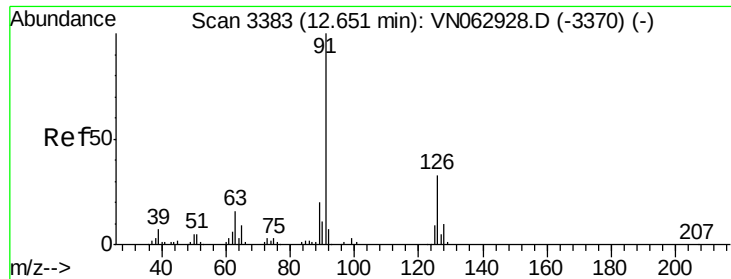
Tgt Ion:	91	Resp:	41524
Ion	Ratio	Lower	Upper
91	100		
120	21.6	0.0	43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.248 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 27554

Ion Ratio Lower Upper

91 100

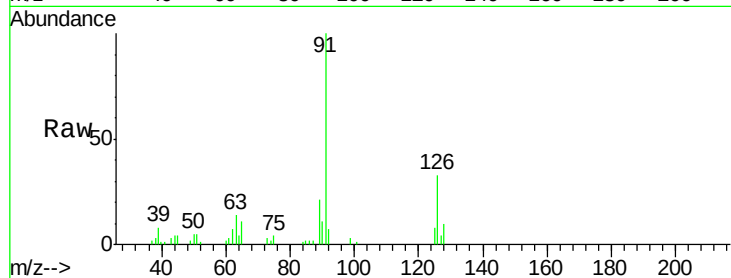
126 30.3 0.0 63.0

Manual Integrations

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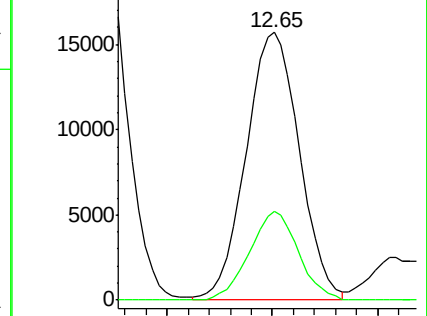
MMDadoda

8/17/2020 9:19:56 AM

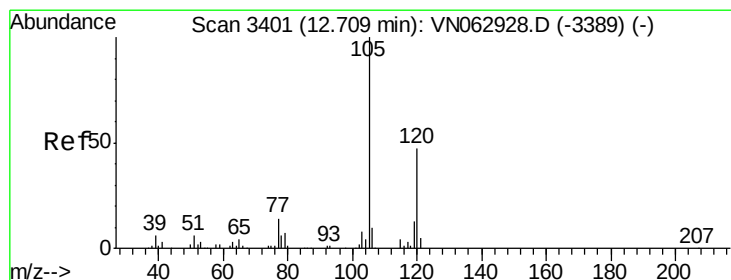
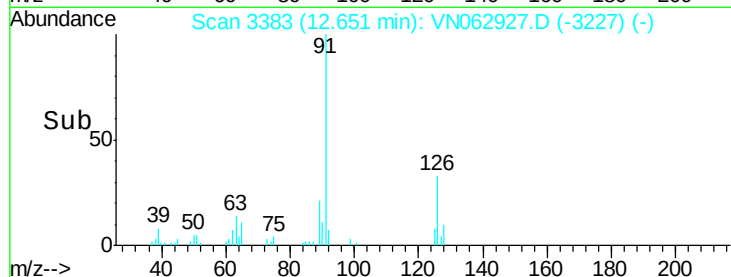


Abundance Ion 91.00 (90.70 to 91.70): VN062927.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN062927.D (-3370) (-)



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 4.999 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062927.D

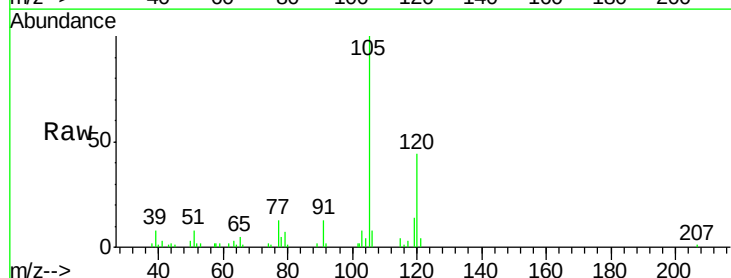
Acq: 13 Aug 2020 22:32

Tgt Ion: 105 Resp: 31390

Ion Ratio Lower Upper

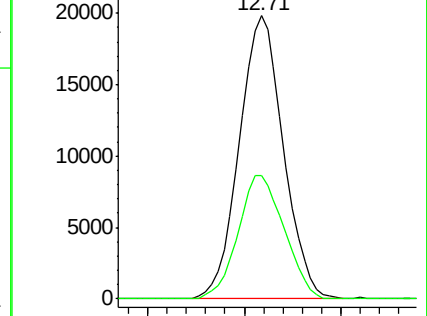
105 100

120 45.5 0.0 92.4

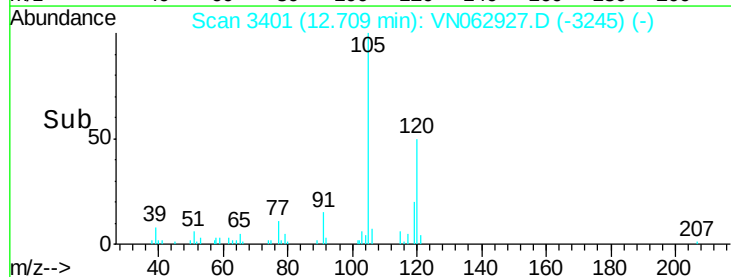


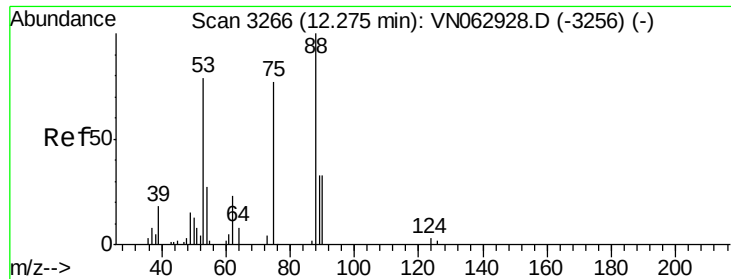
Abundance Ion 105.00 (104.70 to 105.70): VN062927.D (-3389) (-)

Ion 120.00 (119.70 to 120.70): VN062927.D (-3389) (-)



Time-->





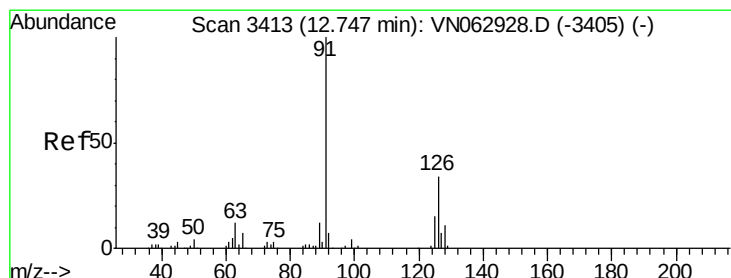
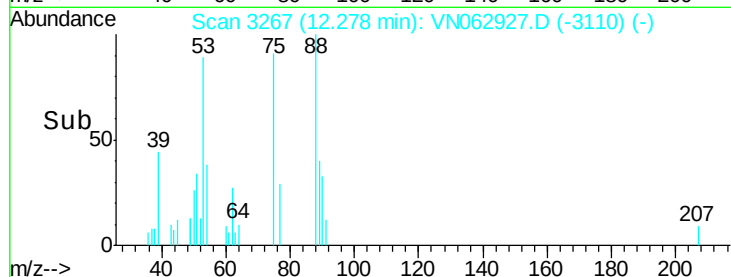
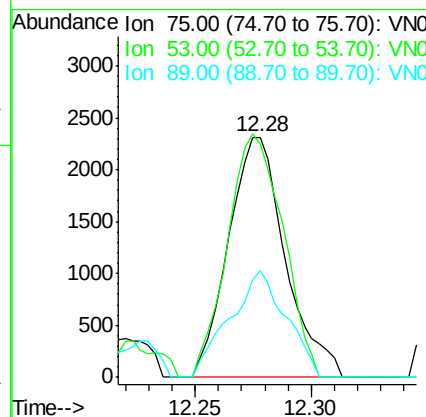
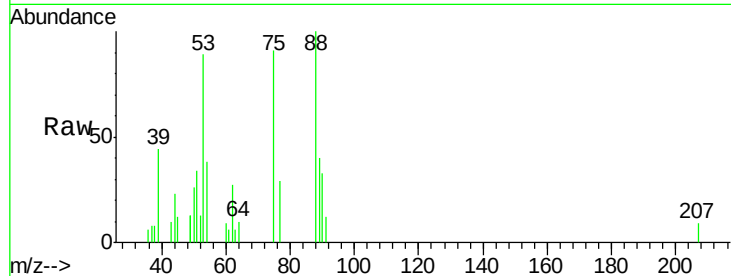
#77
t-1,4-Dichloro-2-butene
Concen: 4.720 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.1	52.3	157.1
89	44.3	23.4	70.3

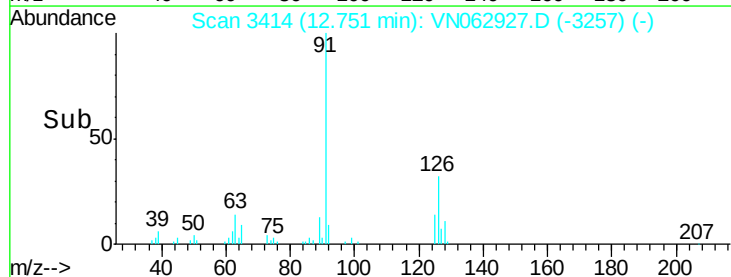
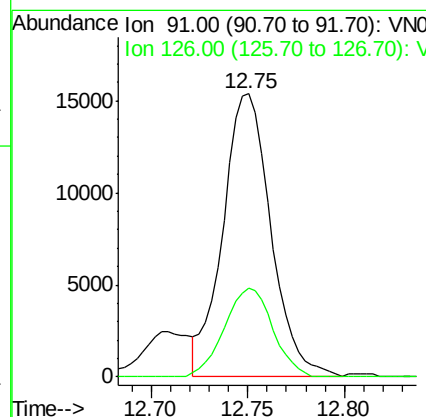
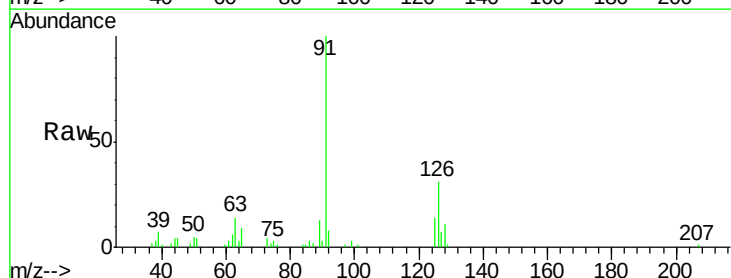
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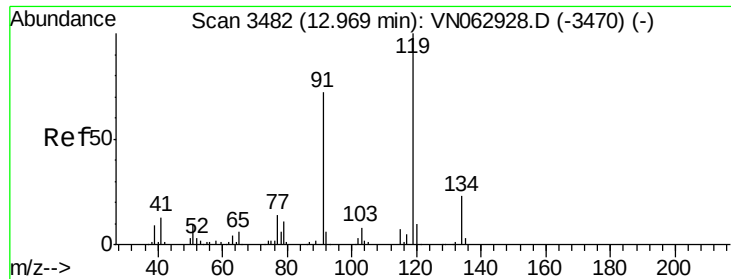
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#78
4-Chlorotoluene
Concen: 4.978 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	0.0	63.0





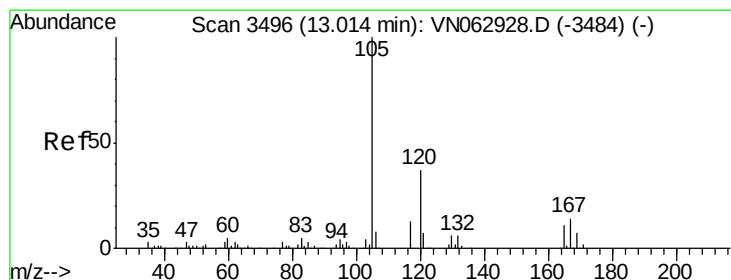
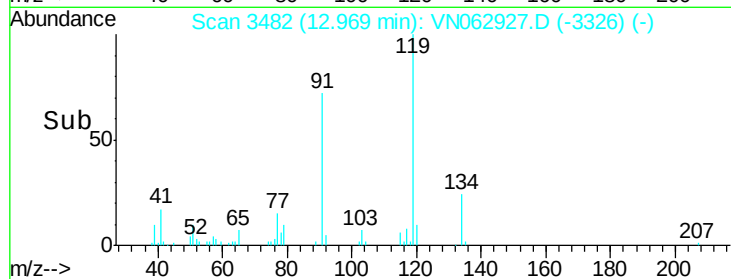
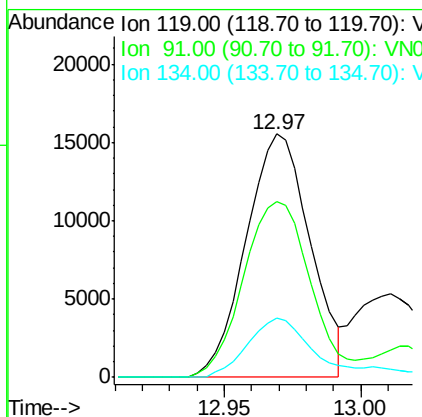
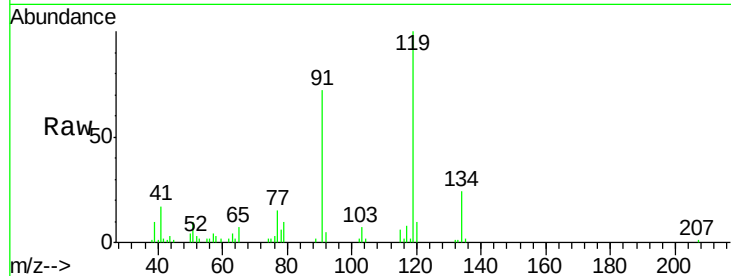
#79
tert-butylbenzene
Concen: 4.897 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	25372		
91	75.4	0.0	145.0	
134	23.7	0.0	44.6	

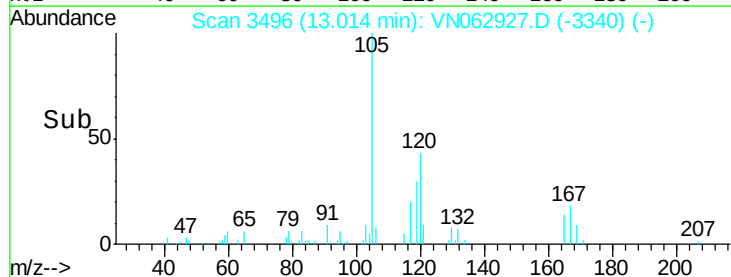
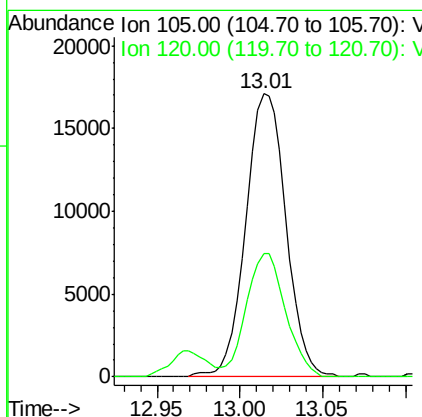
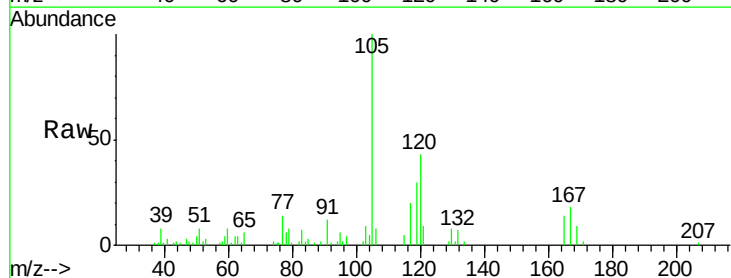
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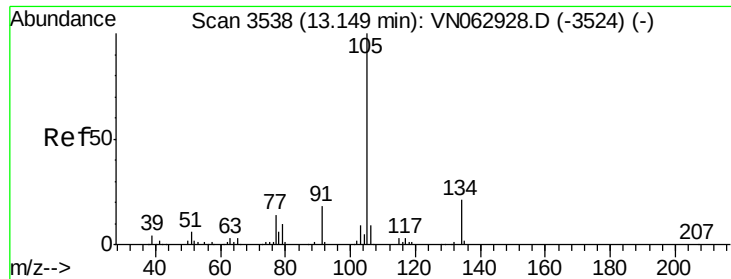
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#80
1,2,4-Trimethylbenzene
Concen: 4.690 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	28819		
120	42.5	0.0	86.6	





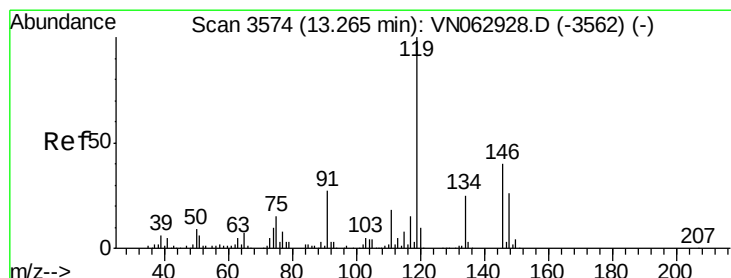
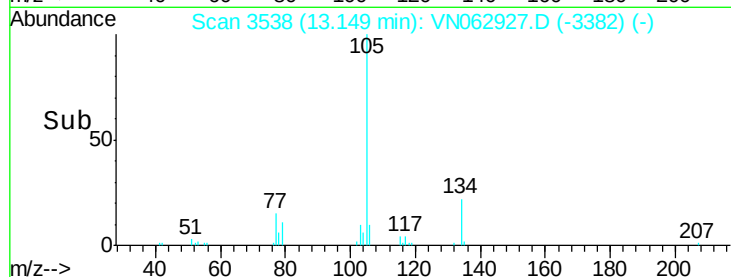
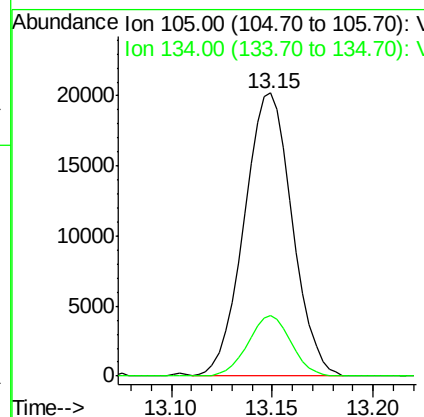
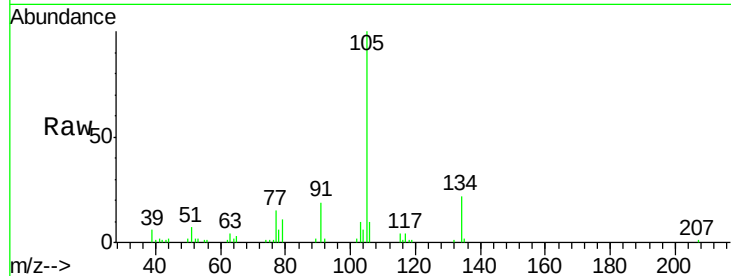
#81
 sec-Butylbenzene
 Concen: 4.861 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	0.0	39.4

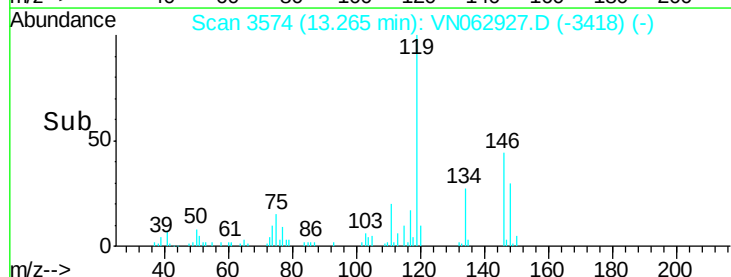
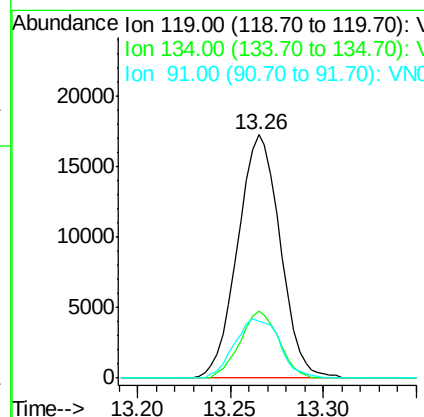
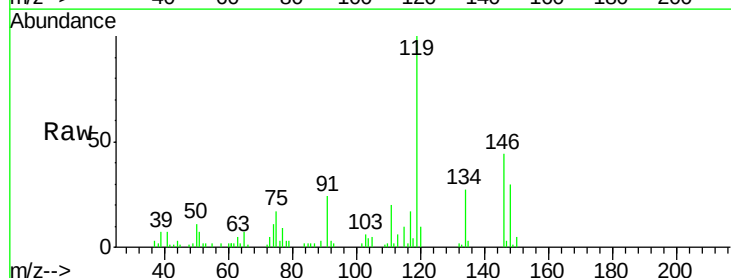
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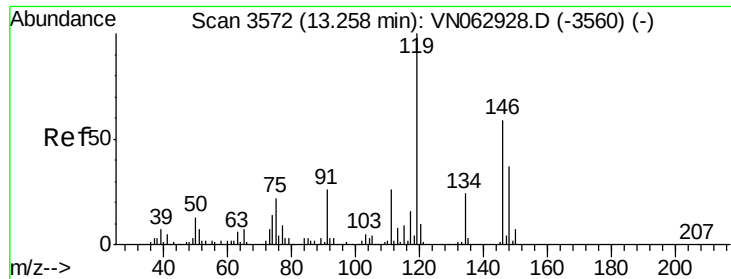
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#82
 p-Isopropyltoluene
 Concen: 4.504 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.0	0.0	49.6
91	25.9	0.0	53.6





#83

1,3-Dichlorobenzene

Concen: 5.036 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

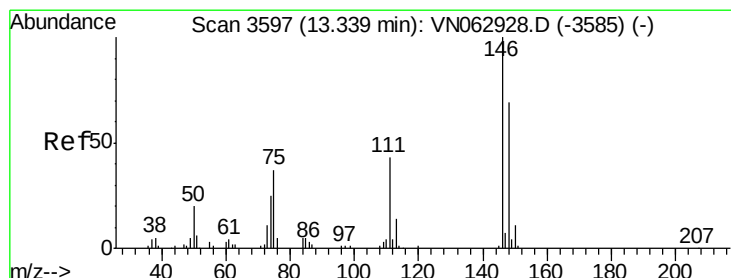
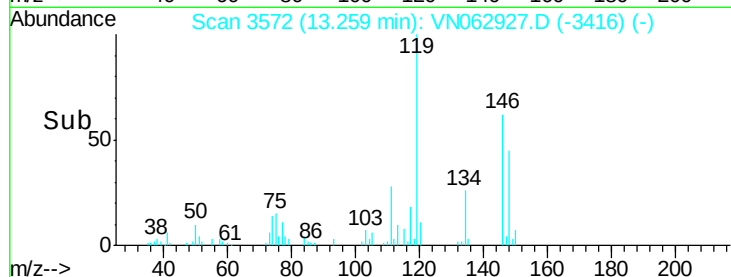
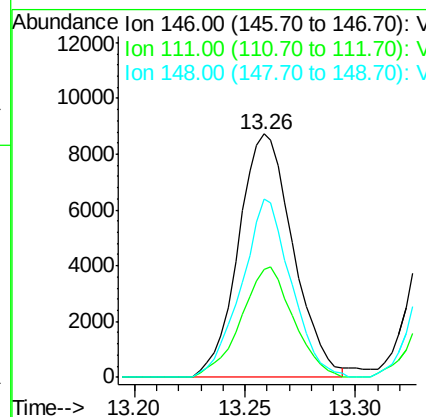
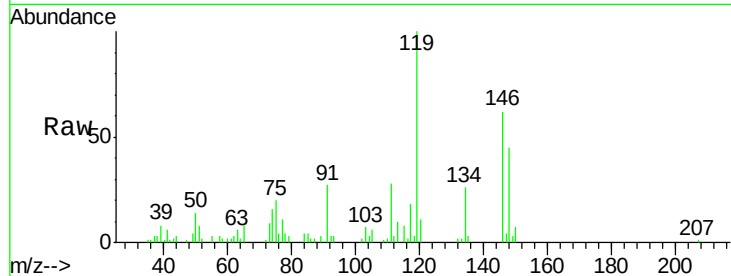
ClientSampled :

VSTDIC005

Tot Ion:	146	Resp:	15000
Ion Ratio	Lower	Upper	
146	100		
111	43.5	22.4	67.2
148	66.6	31.6	94.7

Manual Integrations
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#84

1,4-Dichlorobenzene

Concen: 4.750 ug/l

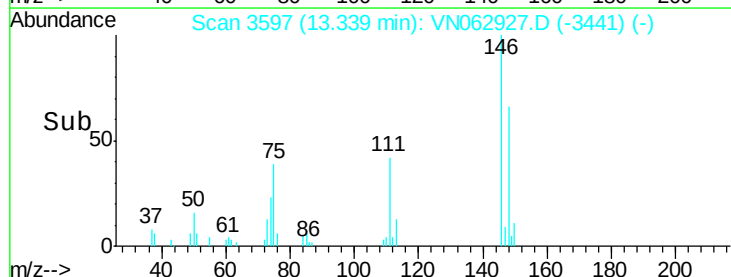
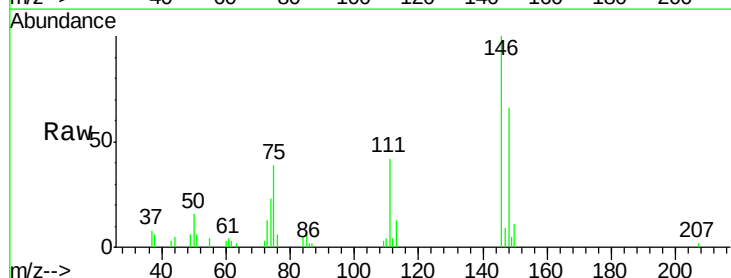
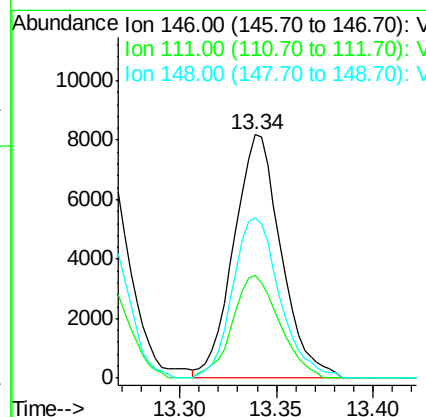
RT: 13.34 min Scan# 3597

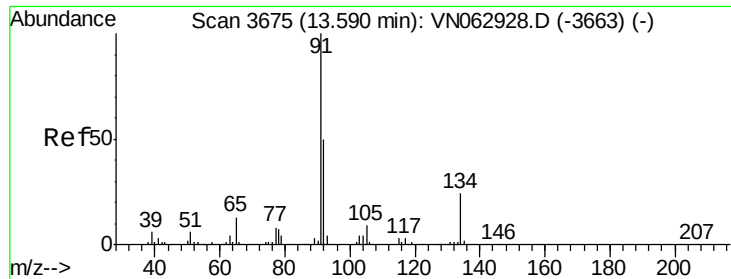
Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Tgt Ion:	146	Resp:	13932
Ion Ratio	Lower	Upper	
146	100		
111	41.9	21.6	64.8
148	65.6	33.3	99.9





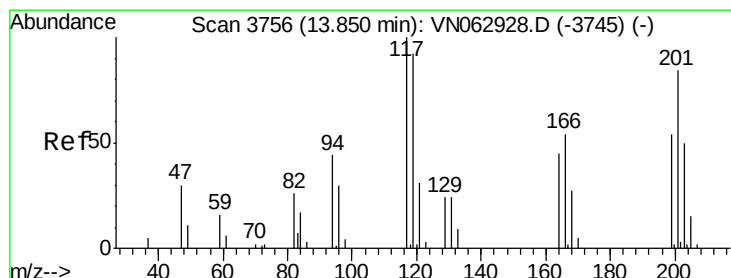
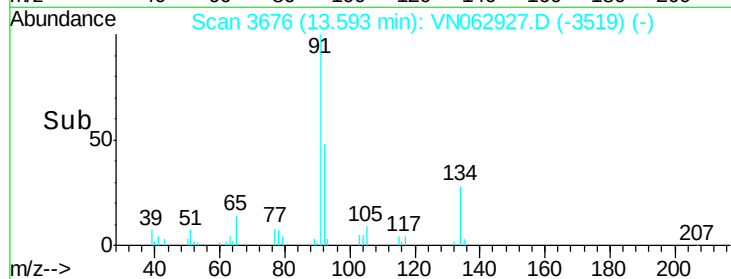
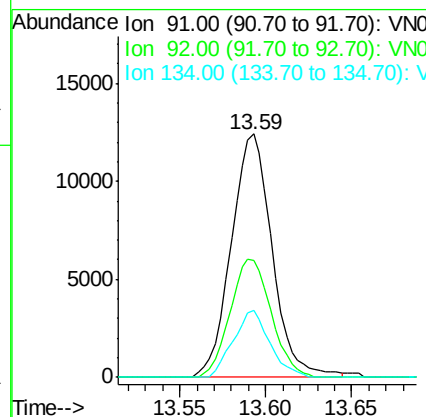
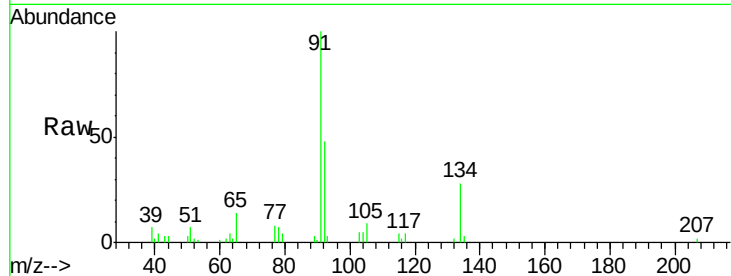
#85
n-Butylbenzene
Concen: 3.971 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
91	100	20610		
92	48.7		0.0	97.2
134	24.6		0.0	48.4

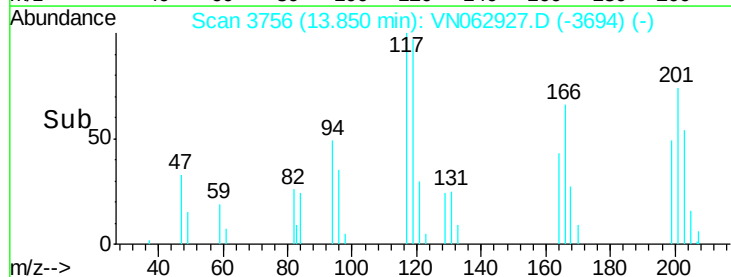
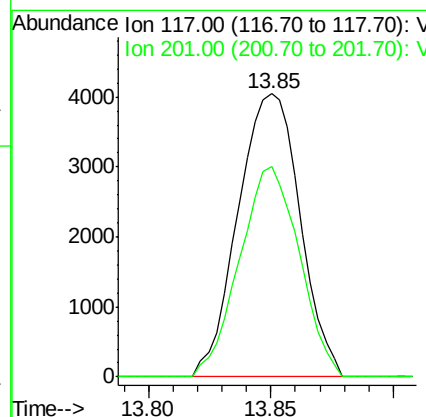
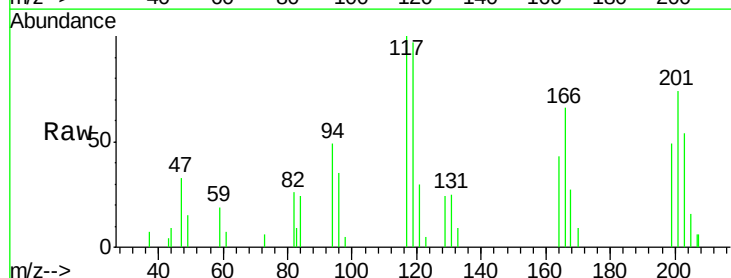
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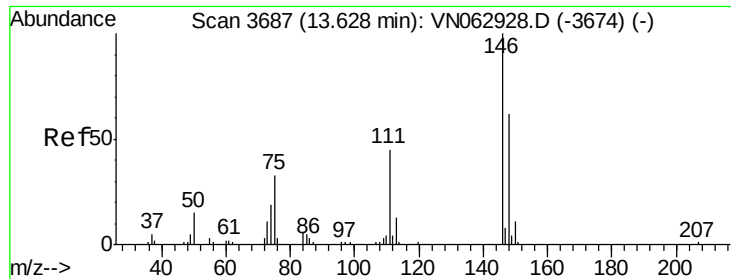
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#86
Hexachloroethane
Concen: 5.921 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	7124		
201	71.6		40.9	122.7





#87

1,2-Dichlorobenzene

Concen: 5.254 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Instrument :

MSVOA_N

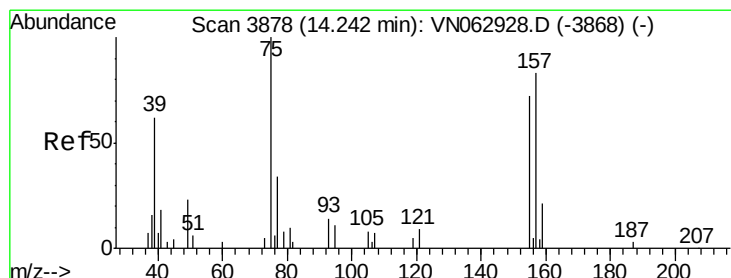
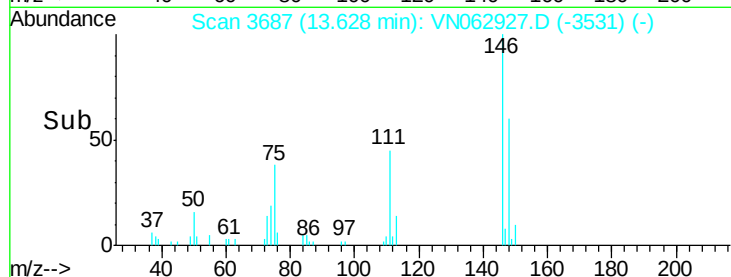
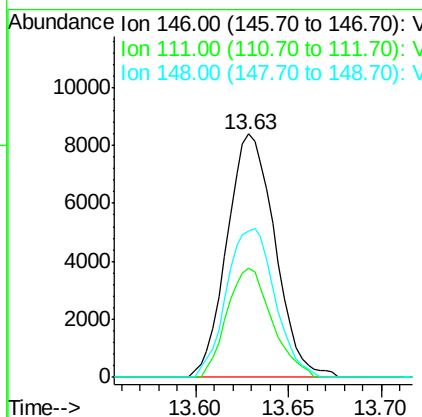
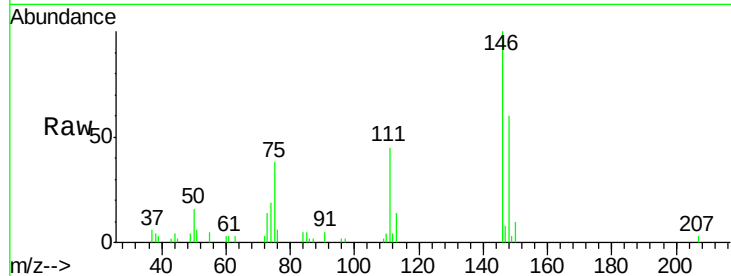
ClientSampled :

VSTDIC005

Tot Ion:	146	Resp:	15082
Ion Ratio	Lower	Upper	
146	100		
111	42.1	23.3	69.8
148	61.5	31.3	93.8

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#88

1,2-Dibromo-3-Chloropropane

Concen: 6.073 ug/l

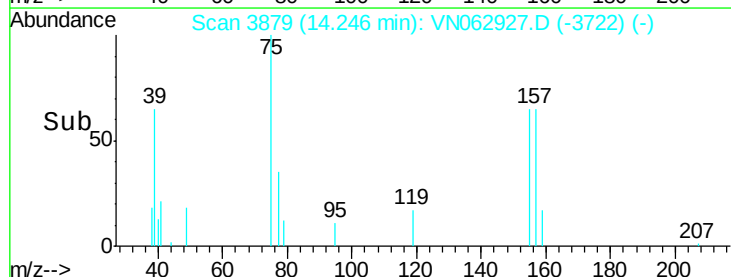
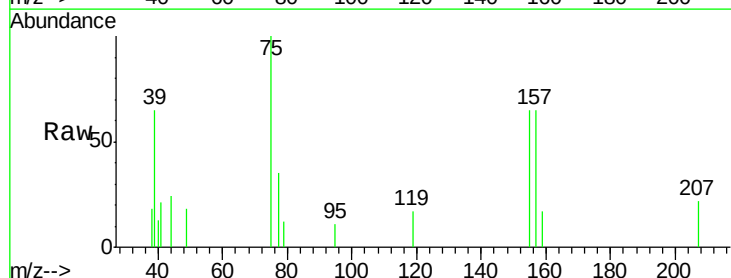
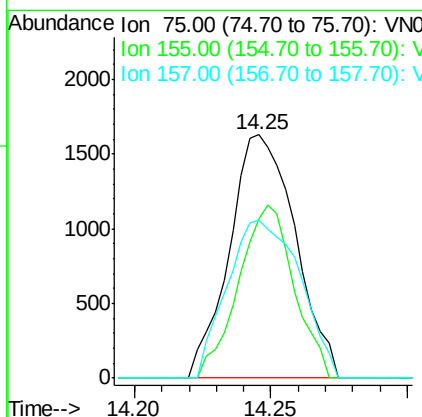
RT: 14.25 min Scan# 3879

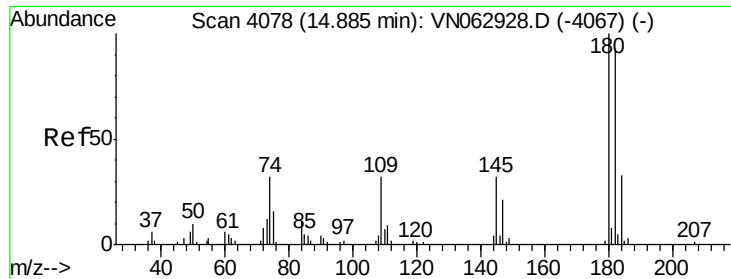
Delta R.T. 0.00 min

Lab File: VN062927.D

Acq: 13 Aug 2020 22:32

Tgt Ion:	75	Resp:	2732
Ion Ratio	Lower	Upper	
75	100		
155	59.6	59.8	89.8#
157	71.7	71.6	107.4





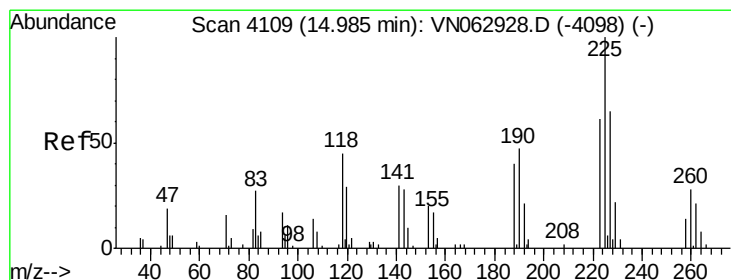
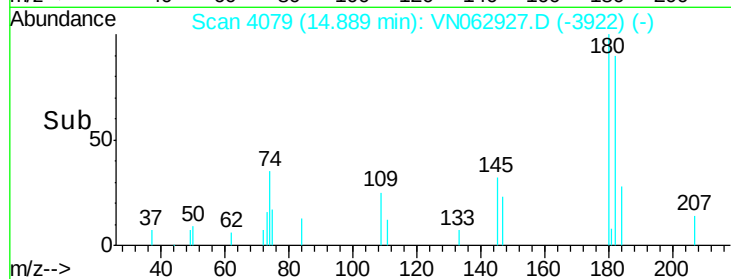
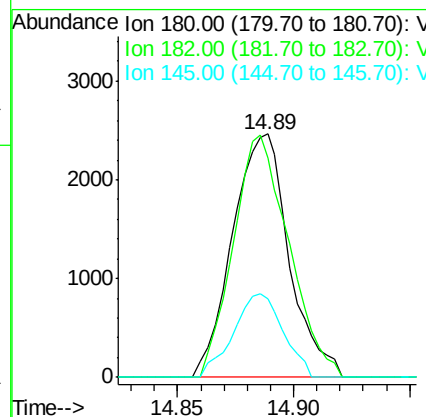
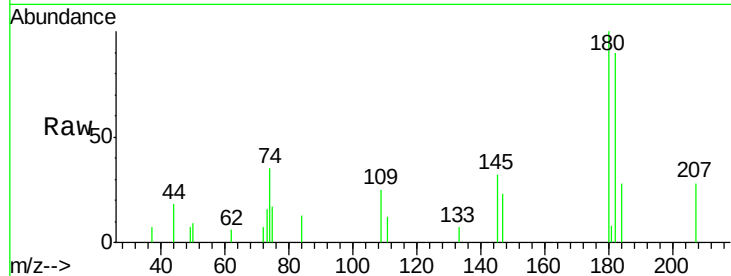
#89
 1,2,4-Trichlorobenzene
 Concen: 2.999 ug/l
 RT: 14.89 min Scan# 4079
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.3	112.9
145	30.0	25.4	38.2

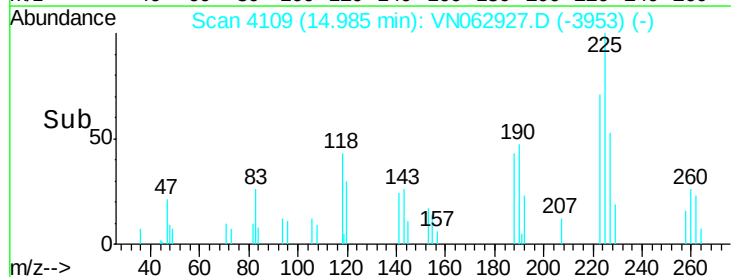
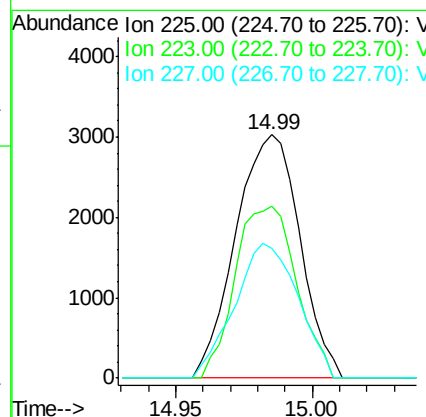
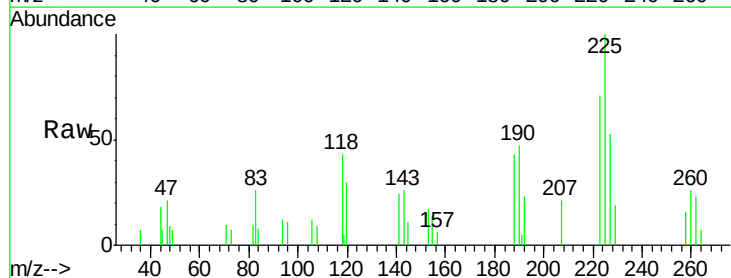
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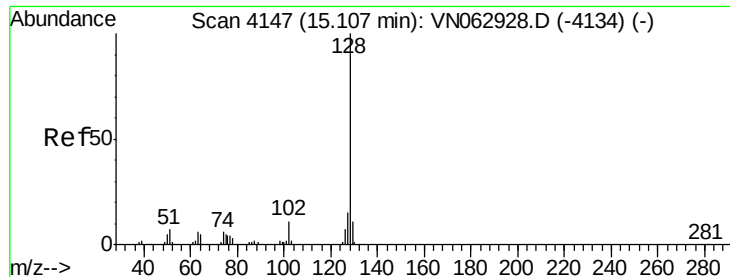
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#90
 Hexachlorobutadiene
 Concen: 6.083 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062927.D
 Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.3	0.0	129.8
227	54.7	0.0	133.6





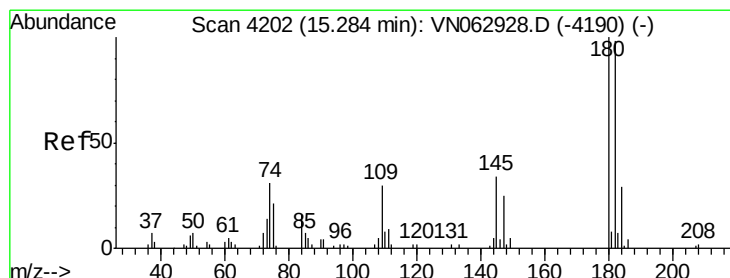
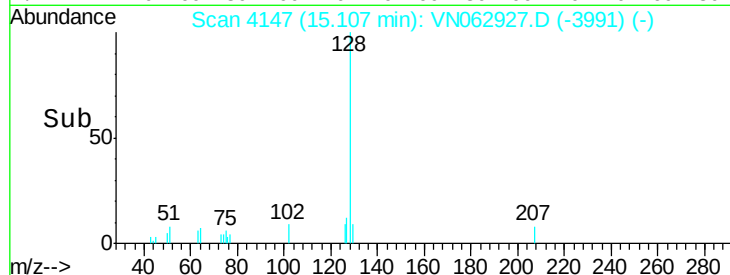
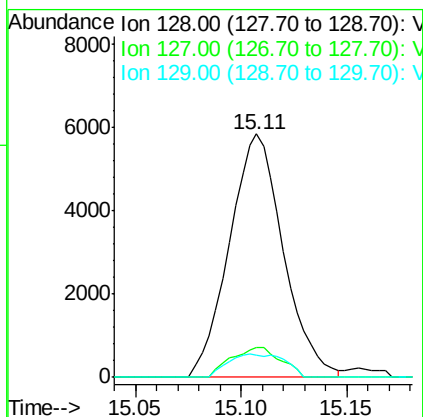
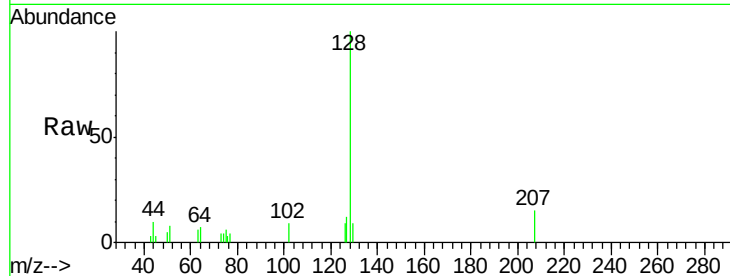
#91
Naphthalene
Concen: 2.779 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.3	11.6	17.4#
129	6.4	8.4	12.6#

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#92
1,2,3-Trichlorobenzene
Concen: 3.216 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062927.D
Acq: 13 Aug 2020 22:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	0.0	196.4
145	14.1	0.0	71.4

