

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062340.D
 Acq On : 2 Jul 2020 18:06
 Operator : JC/MD
 Sample : VN0702MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702MBS01

Manual Integrations
 APPROVED

sam
 7/6/2020 11:34:11 AM

Quant Time: Jul 03 02:09:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	137930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	103488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	116384	60.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.26%	
35) Dibromofluoromethane	7.55	113	88339	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	10.06	98	341298	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.37	95	112995	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	25214	16.173	ug/l 99
3) Chloromethane	2.03	50	35760	18.644	ug/l 98
4) Vinyl Chloride	2.16	62	40942	16.676	ug/l 98
5) Bromomethane	2.53	94	27695	17.453	ug/l 97
6) Chloroethane	2.67	64	27886	16.627	ug/l 99
7) Trichlorofluoromethane	2.98	101	48060	15.886	ug/l 98
8) Diethyl Ether	3.37	74	21962	20.790	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29967	18.915	ug/l 96
10) Methyl Iodide	3.91	142	33219	18.618	ug/l 99
11) Tert butyl alcohol	4.74	59	31844	114.583	ug/l 98
12) 1,1-Dichloroethene	3.69	96	28700	18.121	ug/l 91
13) Acrolein	3.57	56	21415	78.705	ug/l 100
14) Allyl chloride	4.27	41	46250	21.449	ug/l 93
15) Acrylonitrile	4.93	53	84370	111.406	ug/l 98
16) Acetone	3.78	43	74313	120.210	ug/l 98
17) Carbon Disulfide	4.01	76	78699	17.381	ug/l 100
18) Methyl Acetate	4.28	43	37622	24.451	ug/l 95
19) Methyl tert-butyl Ether	4.99	73	105323	20.811	ug/l 97
20) Methylene Chloride	4.50	84	38962	21.805	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	32216	17.856	ug/l 96
22) Diisopropyl ether	5.90	45	105909	21.572	ug/l 92
23) Vinyl Acetate	5.84	43	435412	108.624	ug/l 99
24) 1,1-Dichloroethane	5.80	63	64805	20.498	ug/l 98
25) 2-Butanone	6.79	43	109158	115.376	ug/l 95
26) 2,2-Dichloropropane	6.78	77	51025	19.368	ug/l 95
27) cis-1,2-Dichloroethene	6.78	96	38245	18.838	ug/l 96
28) Bromochloromethane	7.15	49	28622	20.866	ug/l 87
29) Tetrahydrofuran	7.17	42	71709	115.707	ug/l 95
30) Chloroform	7.33	83	63273	19.671	ug/l 100
31) Cyclohexane	7.62	56	49791	18.619	ug/l 95
32) 1,1,1-Trichloroethane	7.53	97	51226	18.884	ug/l 97
36) 1,1-Dichloropropene	7.75	75	44676	17.191	ug/l 97
37) Ethyl Acetate	6.88	43	47160	21.915	ug/l 98
38) Carbon Tetrachloride	7.73	117	40455	16.511	ug/l 95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	47314	16.616	ug/l	96
40) Benzene	8.00	78	144166	18.200	ug/l	99
41) Methacrylonitrile	7.12	41	18353	18.396	ug/l	94
42) 1,2-Dichloroethane	8.09	62	52492	19.614	ug/l	98
43) Isopropyl Acetate	8.13	43	74156	21.139	ug/l	98
44) Trichloroethene	8.80	130	32451	16.241	ug/l	97
45) 1,2-Dichloropropane	9.09	63	38121	19.508	ug/l	100
46) Dibromomethane	9.18	93	24776	18.700	ug/l	94
47) Bromodichloromethane	9.37	83	50419	18.847	ug/l	97
48) Methyl methacrylate	9.17	41	31600	20.090	ug/l	96
49) 1,4-Dioxane	9.17	88	14282	409.447	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	227162	110.832	ug/l	97
52) Toluene	10.12	92	86922	17.985	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	54236	18.427	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	58655	18.719	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	36345	19.131	ug/l	98
56) Ethyl methacrylate	10.40	69	49446	19.502	ug/l	92
57) 1,3-Dichloropropane	10.68	76	63080	19.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	99757	102.564	ug/l	97
59) 2-Hexanone	10.72	43	162560	109.837	ug/l	96
60) Dibromochloromethane	10.87	129	36820	18.306	ug/l	96
61) 1,2-Dibromoethane	10.98	107	35661	18.268	ug/l	98
64) Tetrachloroethene	10.60	164	24794	15.144	ug/l	94
65) Chlorobenzene	11.41	112	92167	17.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	32849	18.048	ug/l	99
67) Ethyl Benzene	11.48	91	158565	17.838	ug/l	100
68) m/p-Xylenes	11.60	106	120462	35.036	ug/l	97
69) o-Xylene	11.92	106	56559	17.435	ug/l	96
70) Styrene	11.94	104	95036	17.566	ug/l	98
71) Bromoform	12.10	173	22863	17.668	ug/l #	97
73) Isopropylbenzene	12.22	105	151497	18.912	ug/l	99
74) N-amyl acetate	12.05	43	57863	21.653	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	56178	21.074	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	51002m	20.935	ug/l	
77) Bromobenzene	12.50	156	35130	17.664	ug/l	88
78) n-propylbenzene	12.57	91	173248	18.907	ug/l	99
79) 2-Chlorotoluene	12.65	91	107030	19.321	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	124781	19.215	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	16657	19.968	ug/l	93
82) 4-Chlorotoluene	12.75	91	110086	19.217	ug/l	97
83) tert-Butylbenzene	12.97	119	101955	18.345	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	122311	18.858	ug/l	98
85) sec-Butylbenzene	13.15	105	139676	19.020	ug/l	100
86) p-Isopropyltoluene	13.26	119	118586	18.431	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	63411	18.157	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	62587	17.385	ug/l	97
89) n-Butylbenzene	13.59	91	94434	17.654	ug/l	98
90) Hexachloroethane	13.85	117	23811	18.863	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	61576	18.182	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9766	22.869	ug/l	84

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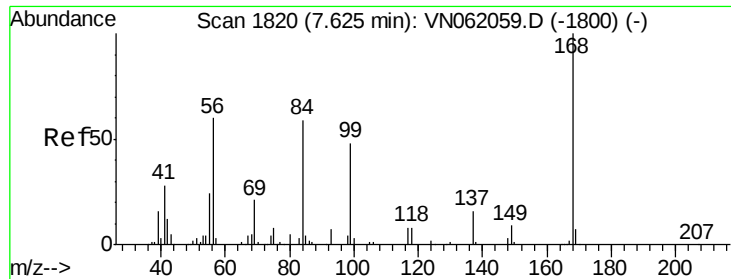
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	24000	16.222	ug/l	98
94) Hexachlorobutadiene	14.98	225	11577	18.017	ug/l	98
95) Naphthalene	15.10	128	70094	17.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	25176	16.643	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

VN0702MBS01

Tot Ion:168 Resp: 137930

Ion Ratio Lower Upper

168 100

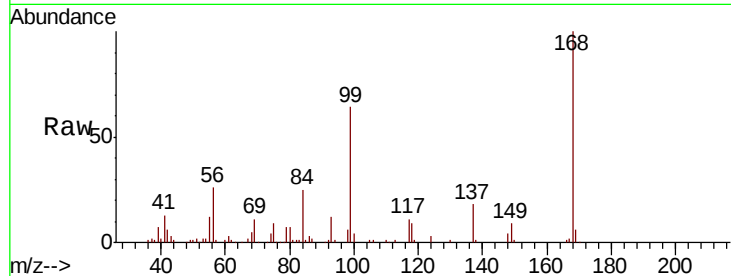
99 63.5 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

60000

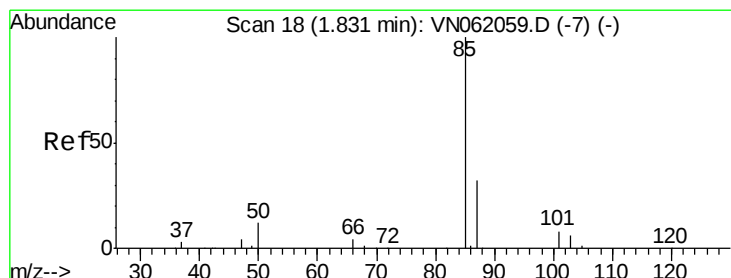
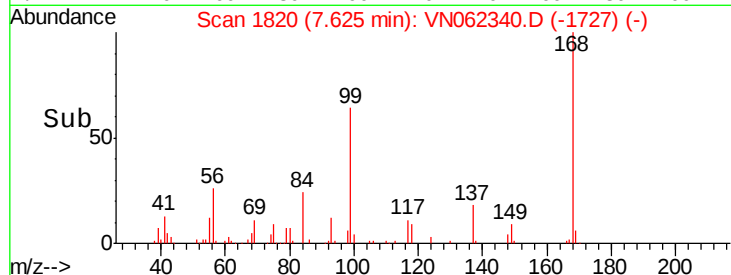
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.173 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062340.D

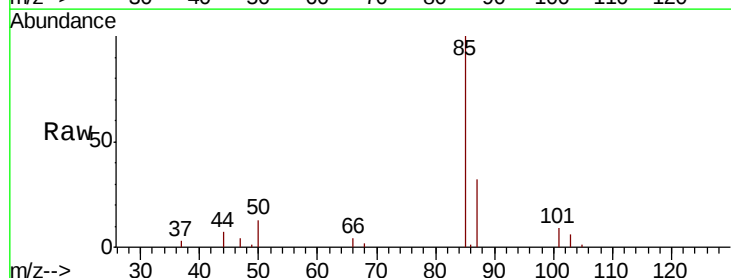
Acq: 2 Jul 2020 18:06

Tgt Ion: 85 Resp: 25214

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

20000

15000

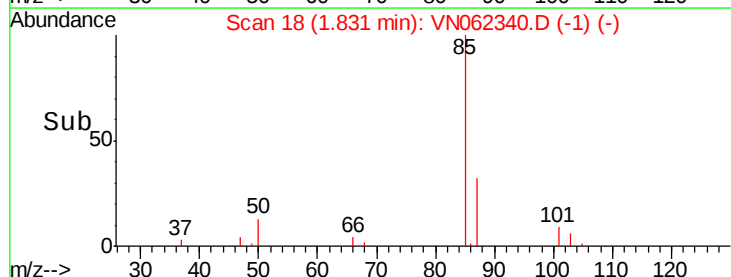
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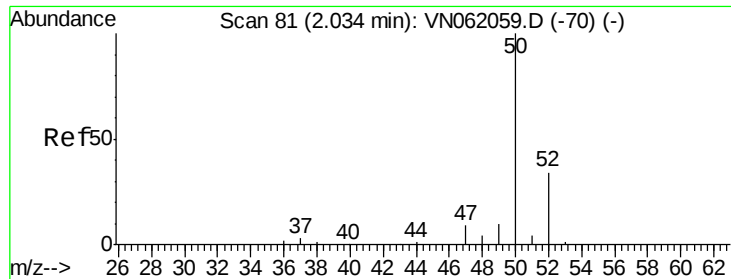
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.644 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

VN0702MBS01

Tot Ion: 50 Resp: 35760

Ion Ratio Lower Upper

50 100

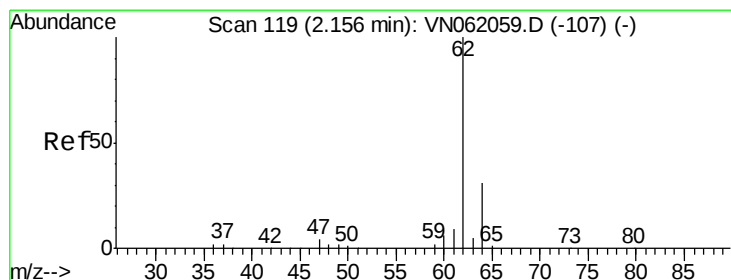
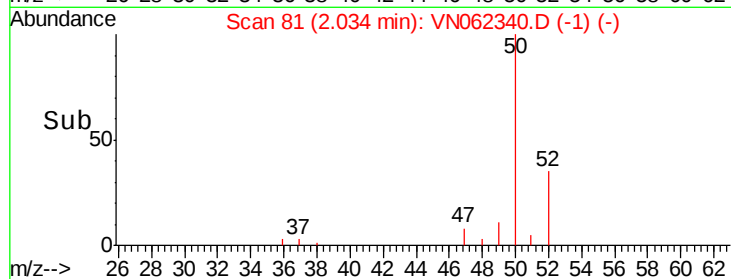
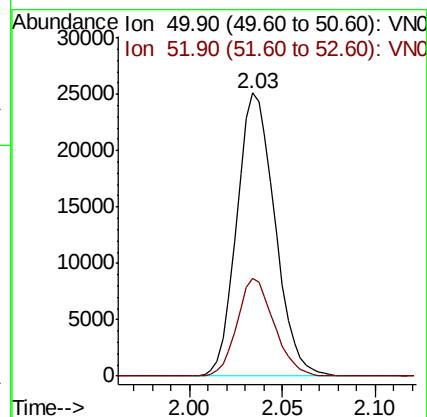
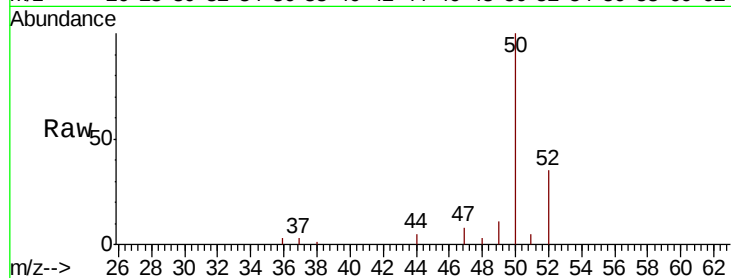
52 34.7 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.676 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062340.D

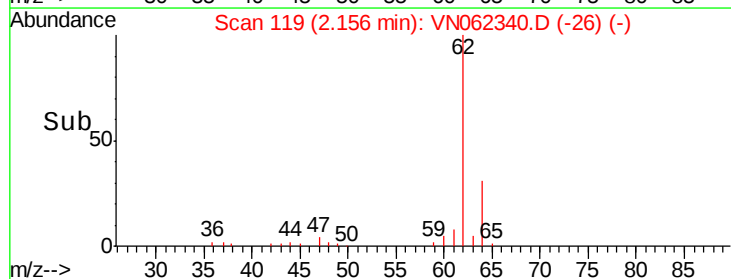
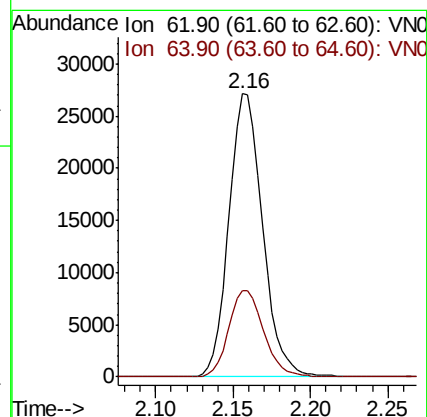
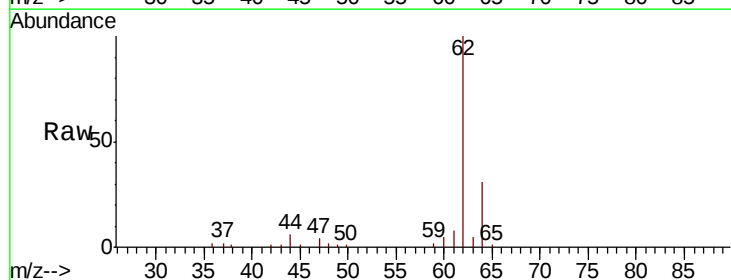
Acq: 2 Jul 2020 18:06

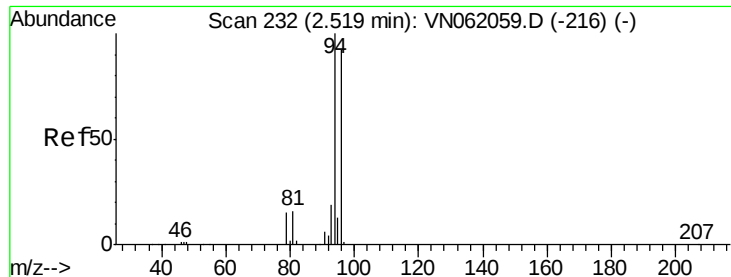
Tgt Ion: 62 Resp: 40942

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7





#5

Bromomethane

Concen: 17.453 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

VN0702MBS01

Tot Ion: 94 Resp: 27695

Ion Ratio Lower Upper

94 100

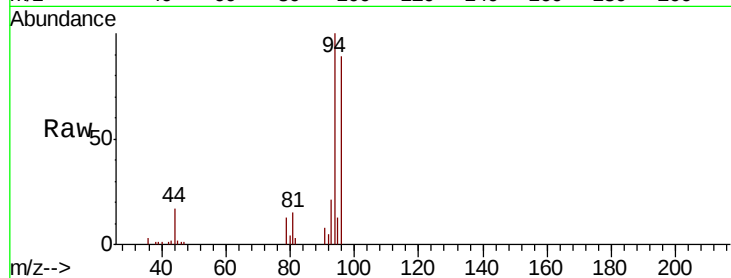
96 89.2 73.4 110.2

Manual Integrations

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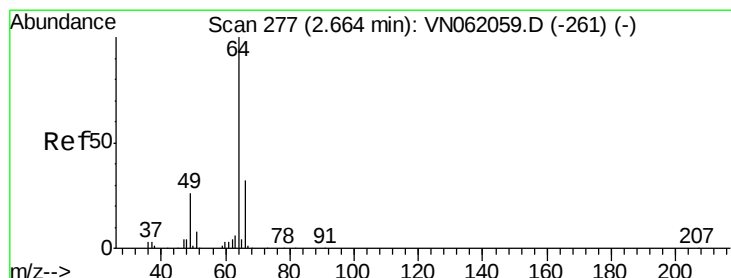
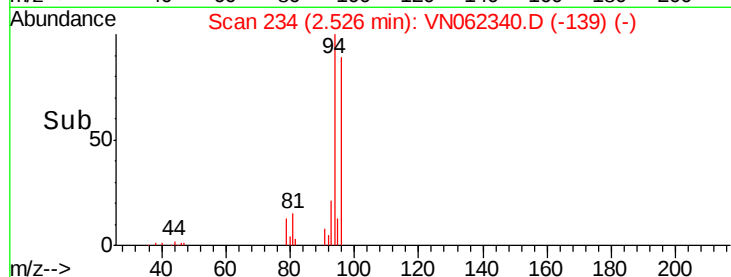
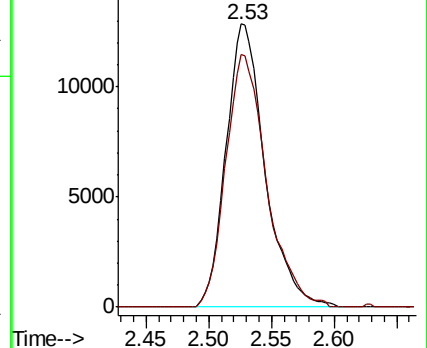
sam

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Abundance Ion 93.90 (93.60 to 94.60): VN062340.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062340.D (-139) (-)



#6

Chloroethane

Concen: 16.627 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062340.D

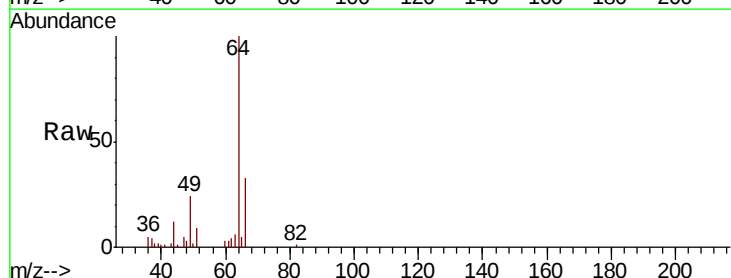
Acq: 2 Jul 2020 18:06

Tgt Ion: 64 Resp: 27886

Ion Ratio Lower Upper

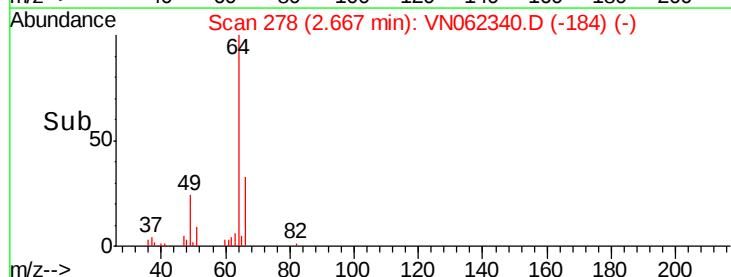
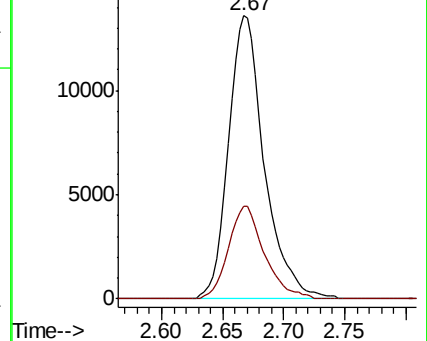
64 100

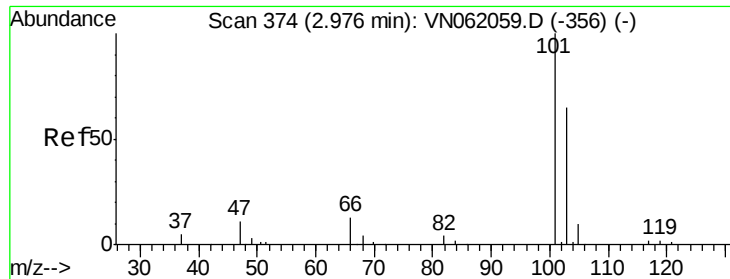
66 32.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062340.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062340.D (-184) (-)





#7

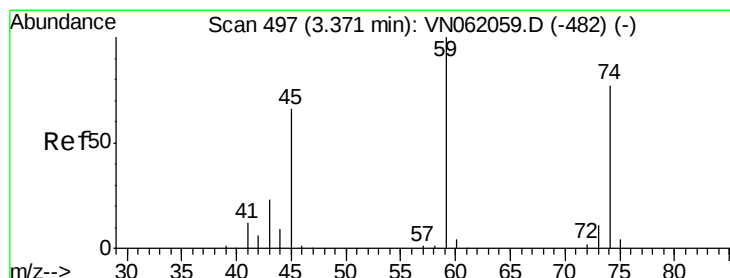
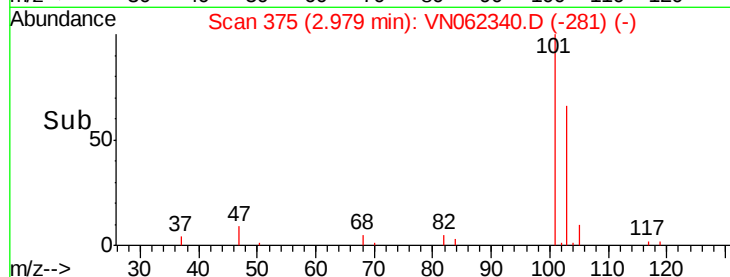
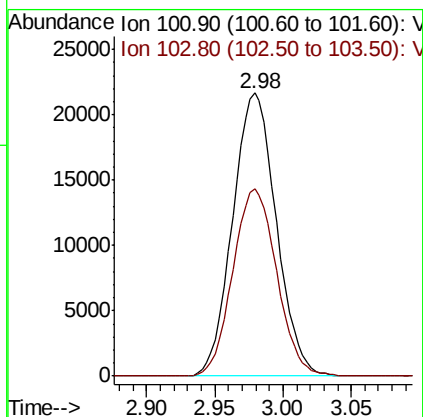
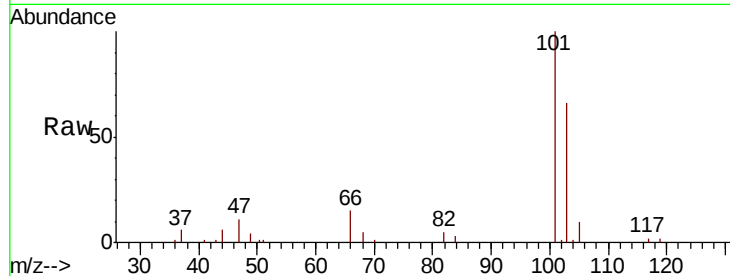
Trichlorofluoromethane
 Concen: 15.886 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampled :
 VN0702MBS01

Tot Ion:101 Resp: 48060
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.8 77.6

Manual Integrations
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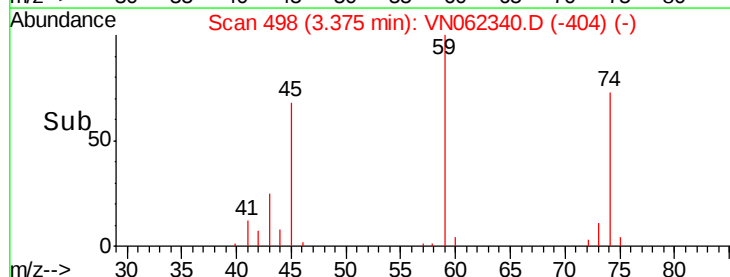
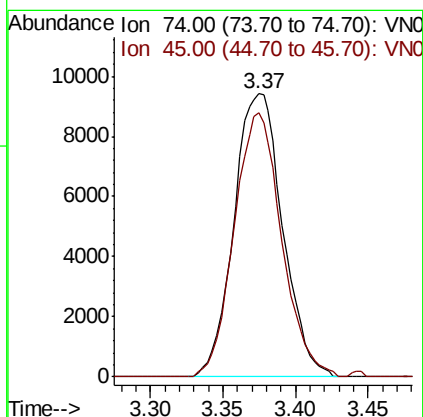
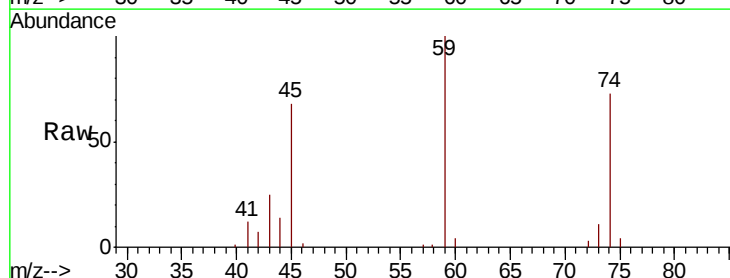
sam
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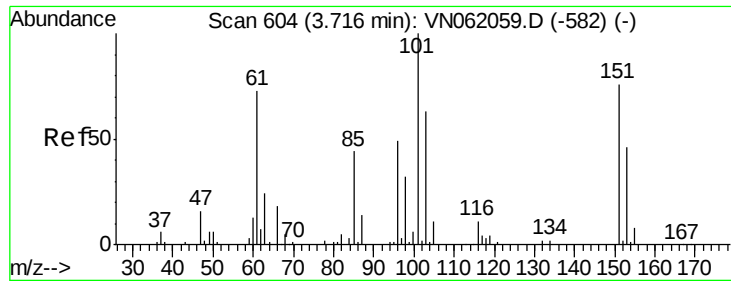


#8

Diethyl Ether
 Concen: 20.790 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 74 Resp: 21962
 Ion Ratio Lower Upper
 74 100
 45 90.8 42.5 127.5





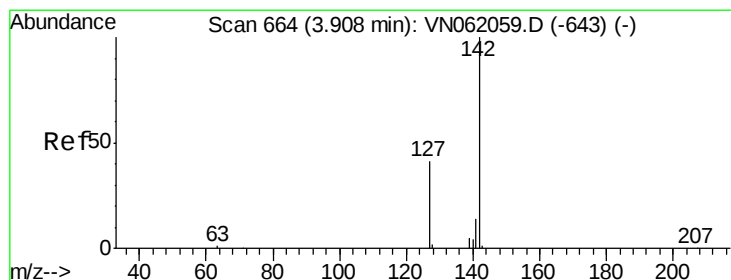
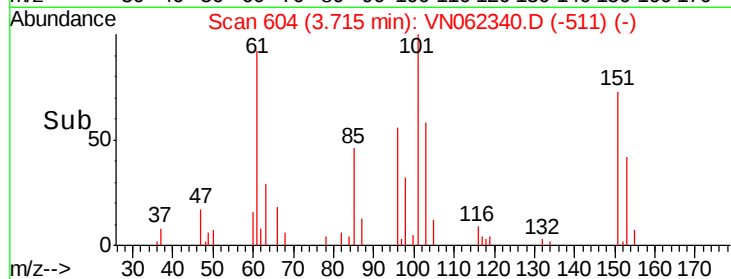
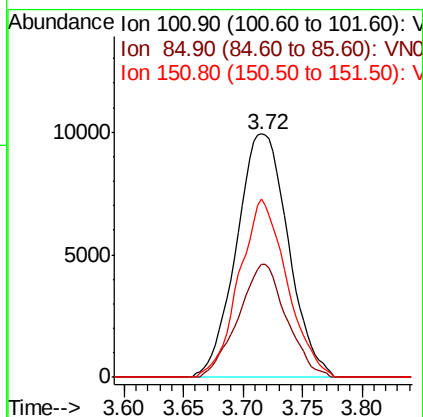
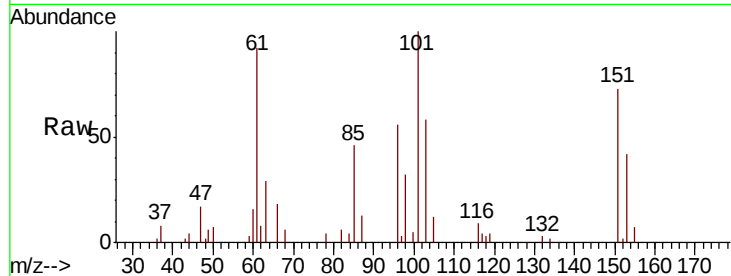
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.915 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampled :
 VN0702MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.0	34.5	51.7
151	67.6	57.8	86.8

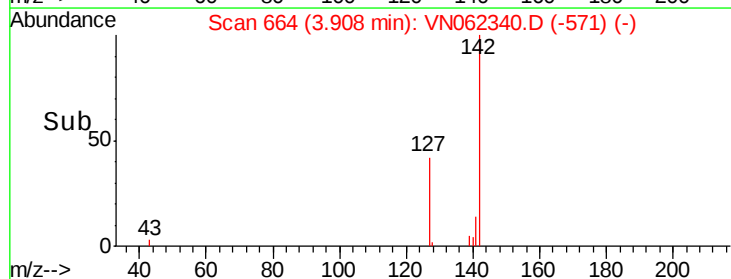
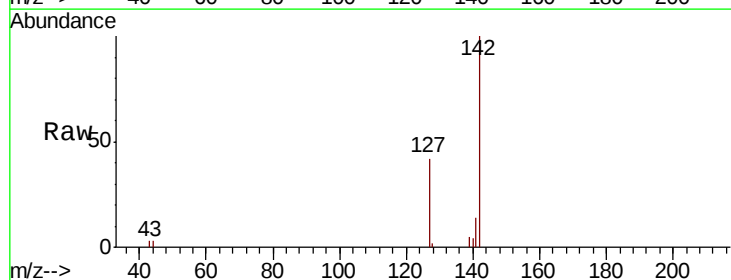
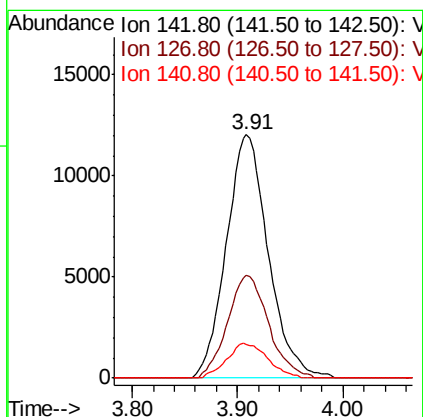
Manual Integrations
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#10
 Methyl Iodide
 Concen: 18.618 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.3	33.6	50.4
141	14.0	11.3	16.9





#11

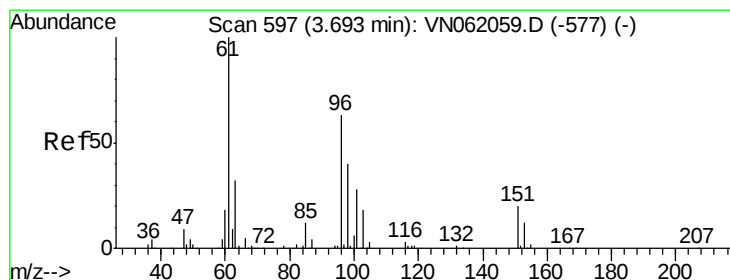
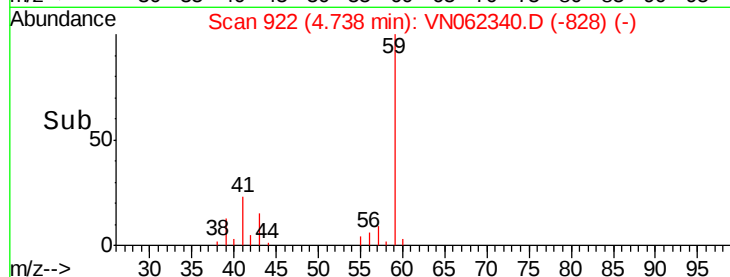
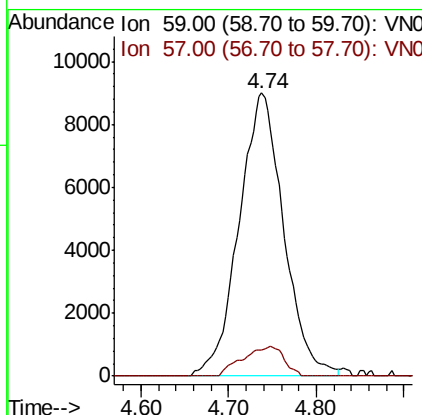
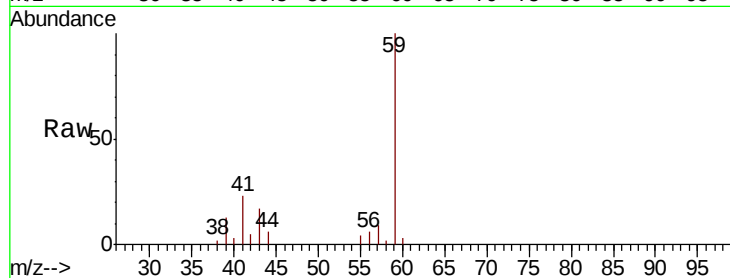
Tert butyl alcohol
 Concen: 114.583 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampled :
 VN0702MBS01

Tot Ion	59	57	Ratio	100	9.7	Resp	31844	Lower	8.3	Upper	12.5
Ion	59	57	Ratio	100	9.7	Resp	31844	Lower	8.3	Upper	12.5

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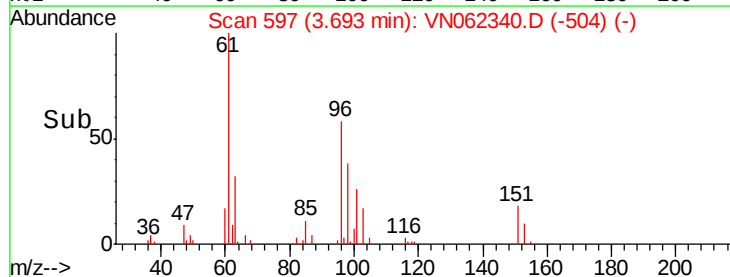
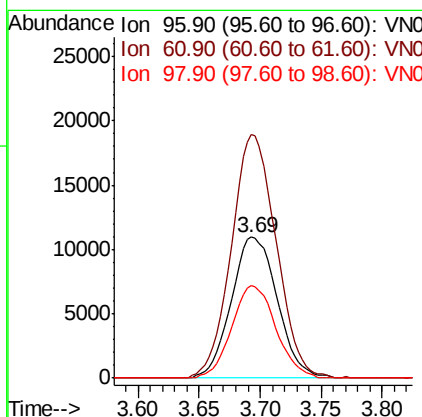
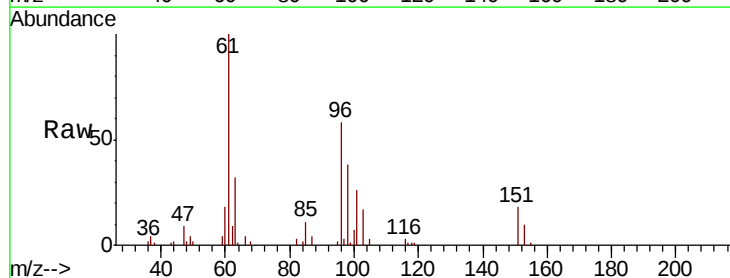
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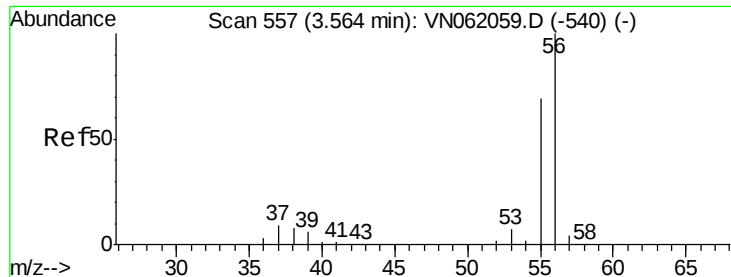


#12

1,1-Dichloroethene
 Concen: 18.121 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion	96	61	98	Ratio	100	172.8	65.6	Resp	28700	Lower	126.7	51.0	Upper	190.1	76.4
Ion	96	61	98	Ratio	100	172.8	65.6	Resp	28700	Lower	126.7	51.0	Upper	190.1	76.4





#13

Acrolein

Concen: 78.705 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

VN0702MBS01

Tot Ion: 56 Resp: 21415

Ion Ratio Lower Upper

56 100

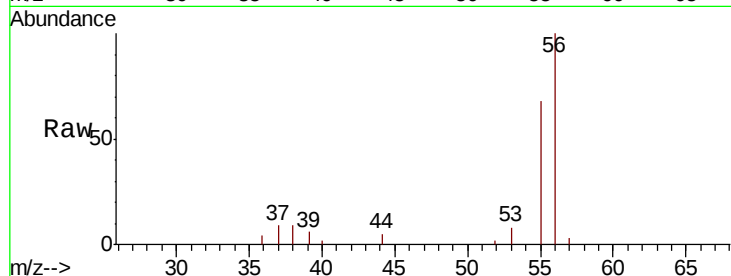
55 69.3 55.5 83.3

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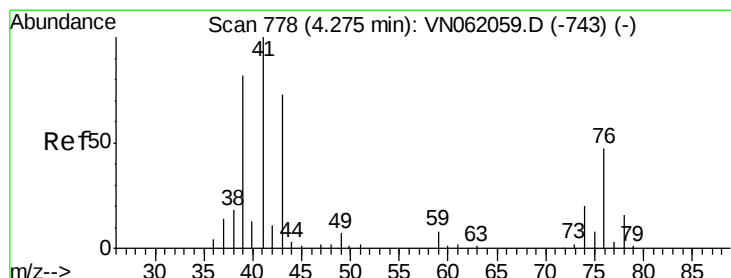
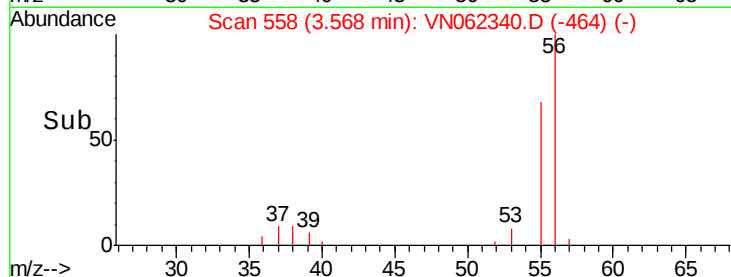
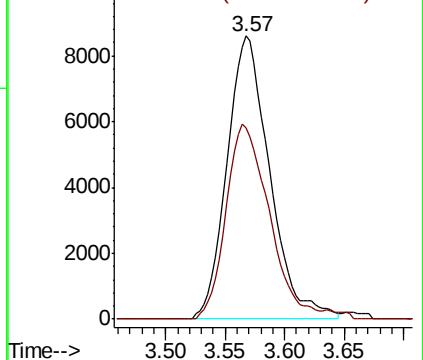
sam

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Abundance Ion 56.00 (55.70 to 56.70): VN062340.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062340.D (-540) (-)



#14

Allyl chloride

Concen: 21.449 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

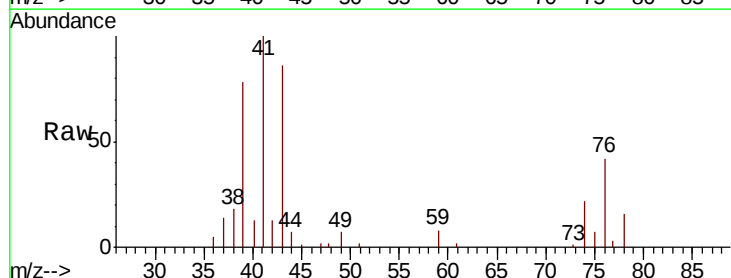
Tgt Ion: 41 Resp: 46250

Ion Ratio Lower Upper

41 100

39 68.7 60.0 90.0

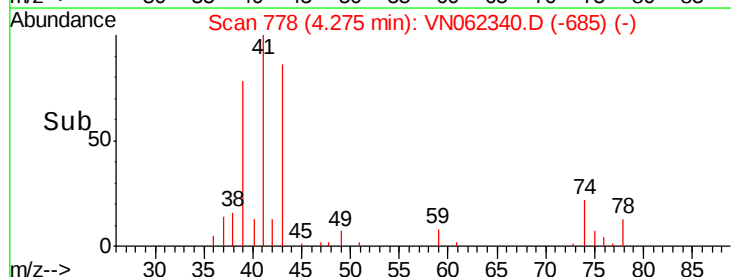
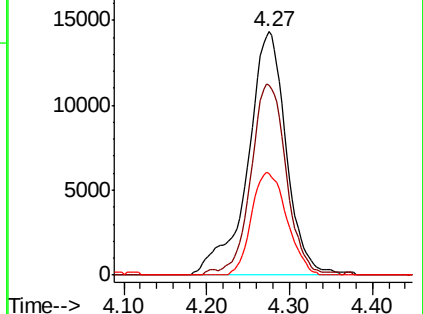
76 38.7 34.1 51.1

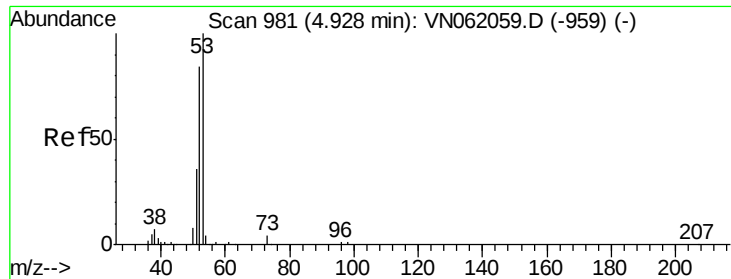


Abundance Ion 41.00 (40.70 to 41.70): VN062340.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062340.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062340.D (-685) (-)





#15

Acrylonitrile

Concen: 111.406 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

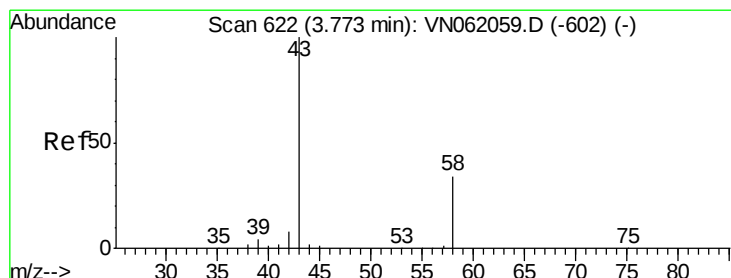
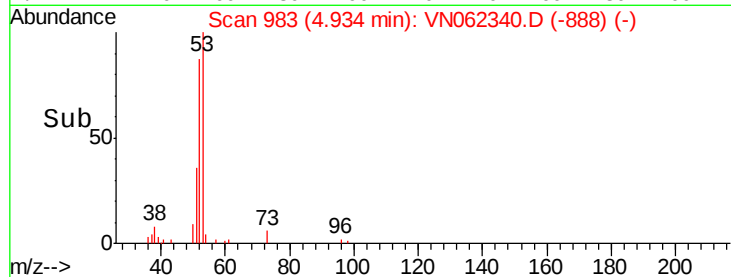
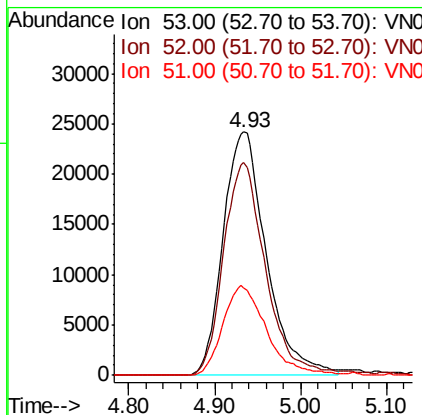
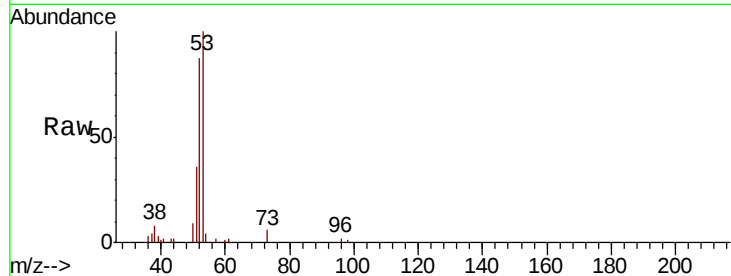
ClientSampleId :

VN0702MBS01

Tot Ion:	53	Resp:	84370
Ion	Ratio	Lower	Upper
53	100		
52	84.7	66.2	99.4
51	37.1	28.9	43.3

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#16

Acetone

Concen: 120.210 ug/l

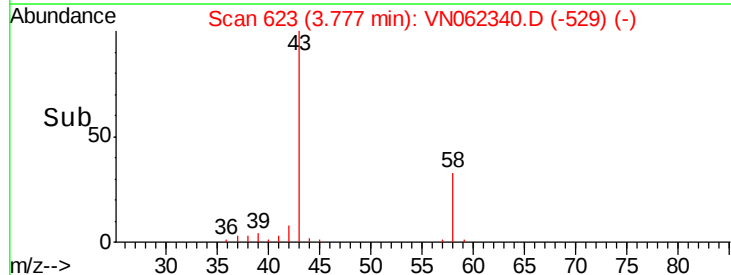
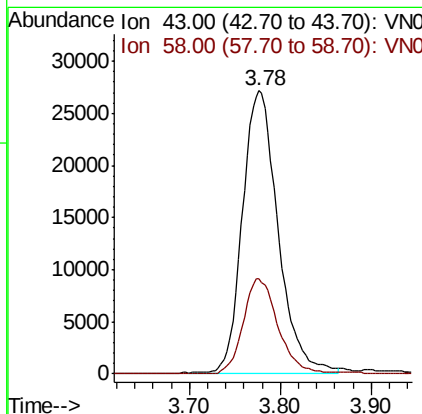
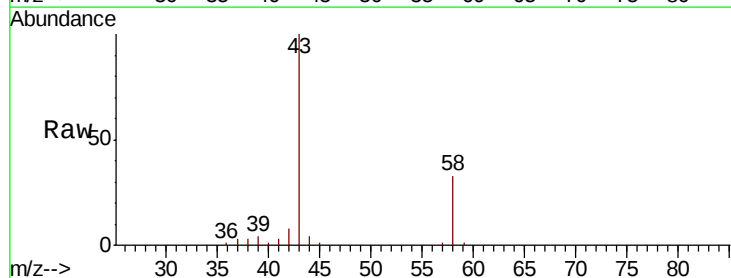
RT: 3.78 min Scan# 623

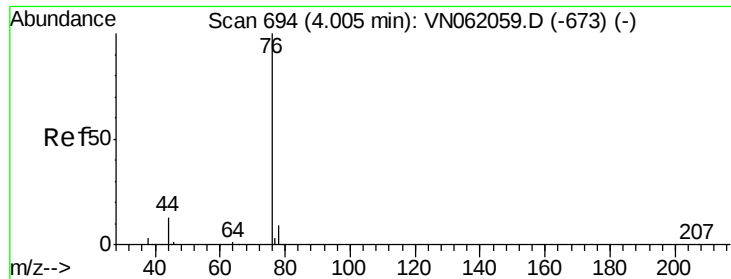
Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion:	43	Resp:	74313
Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.5	41.3





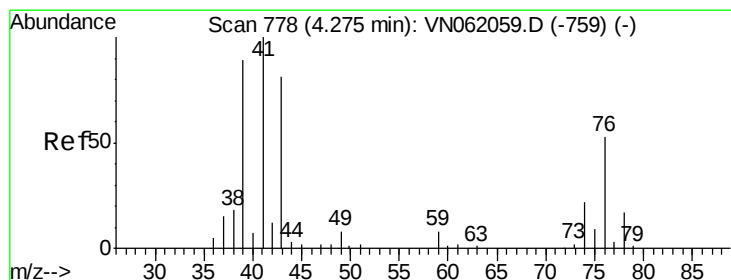
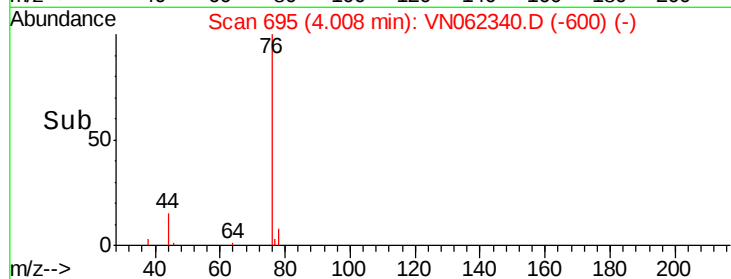
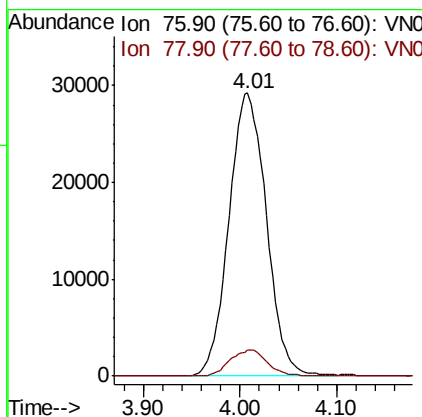
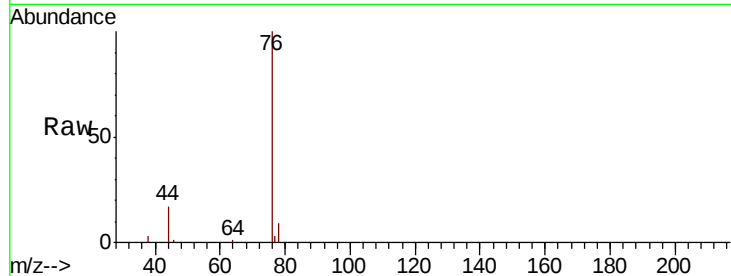
#17
Carbon Disulfide
Concen: 17.381 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampleId :
VN0702MBS01

Tot Ion: 76 Resp: 78699
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

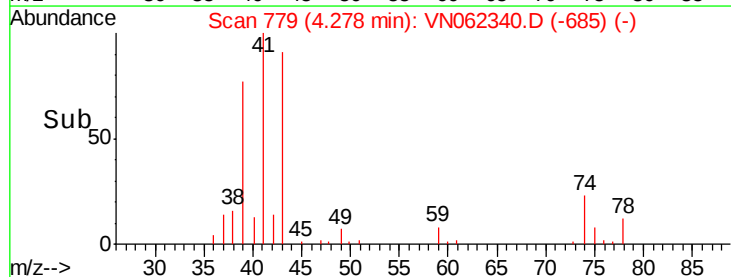
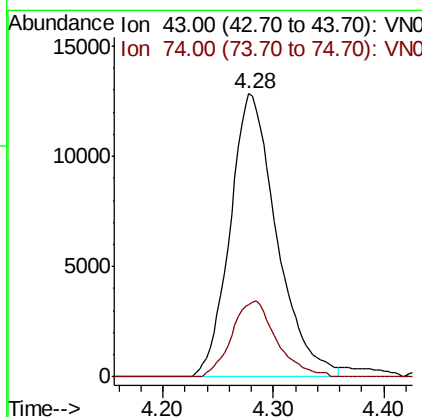
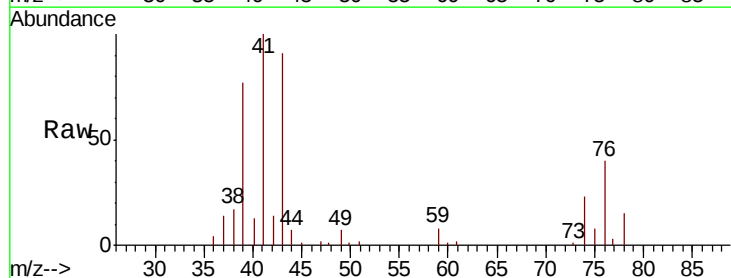
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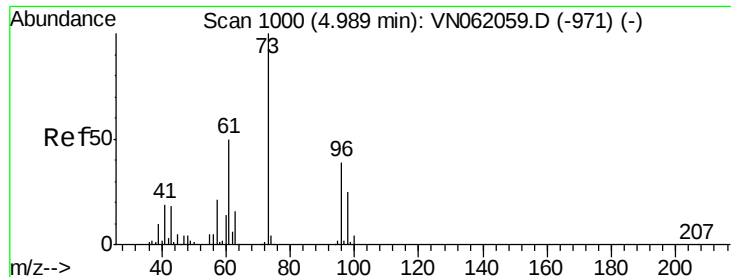
sam
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#18
Methyl Acetate
Concen: 24.451 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 43 Resp: 37622
Ion Ratio Lower Upper
43 100
74 25.8 22.9 34.3





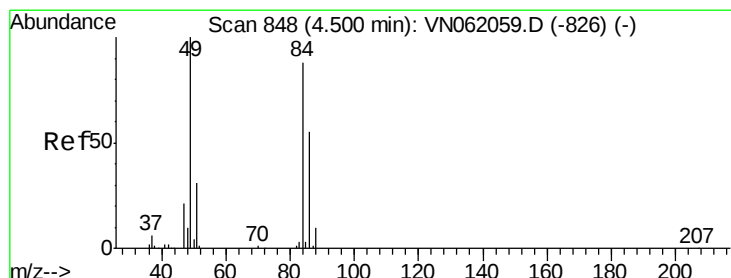
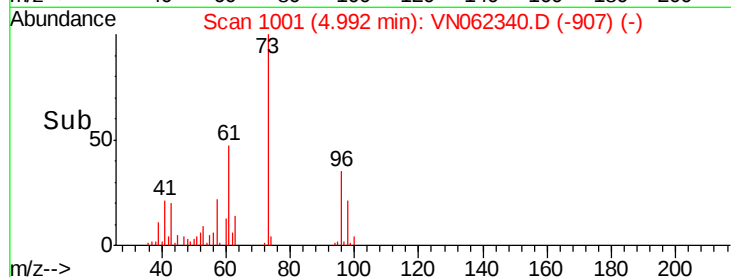
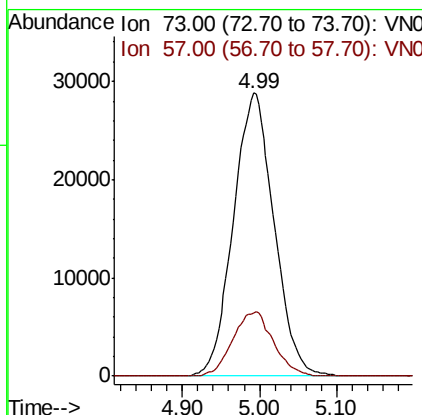
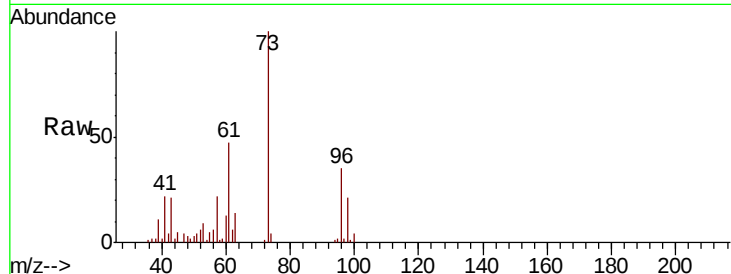
#19
Methvl tert-butvl Ether
Concen: 20.811 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampleId :
VN0702MBS01

Tot Ion: 73 Resp: 105323
Ion Ratio Lower Upper
73 100
57 22.2 16.6 24.8

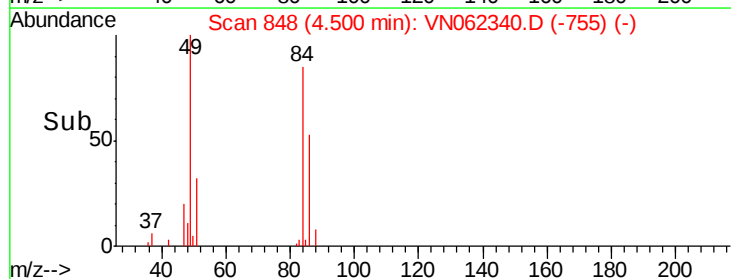
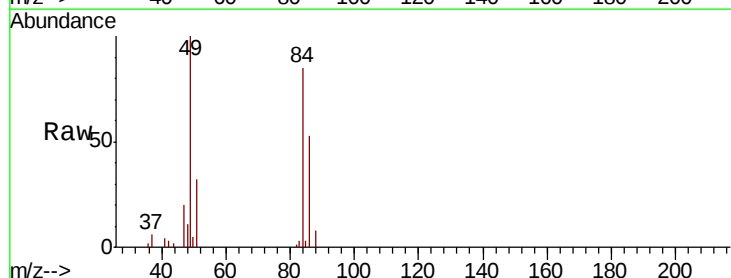
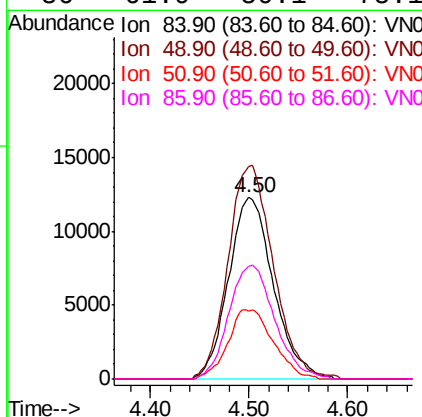
Manual Integrations
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#20
Methylene Chloride
Concen: 21.805 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 84 Resp: 38962
Ion Ratio Lower Upper
84 100
49 117.0 90.6 136.0
51 37.6 27.8 41.8
86 61.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.856 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

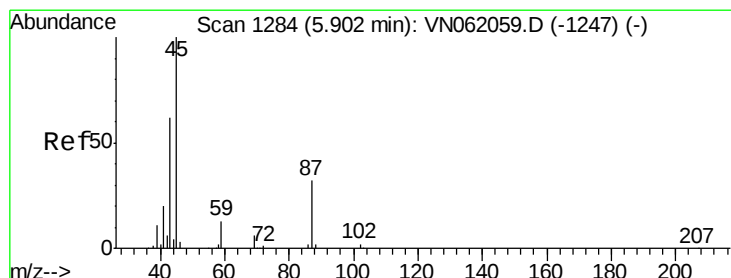
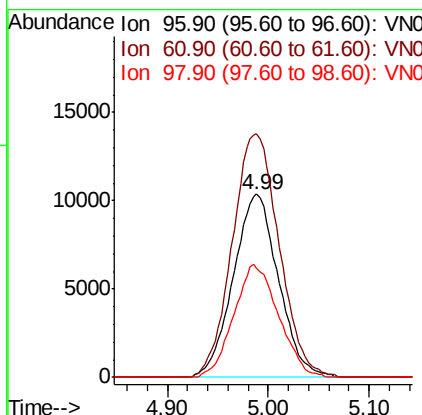
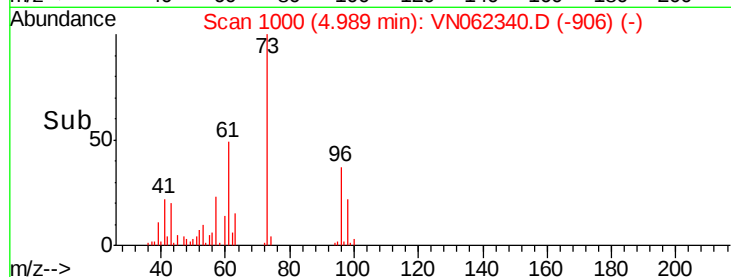
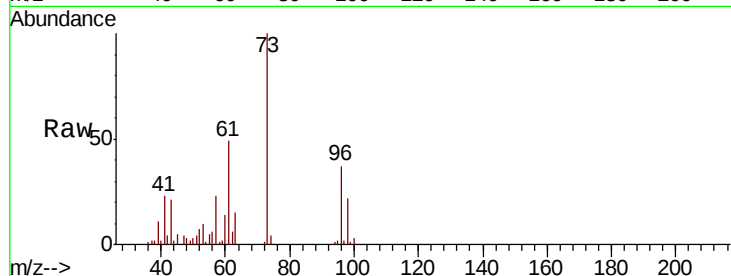
VN0702MBS01

Tot Ion:	96	Resp:	32216
Ion	Ratio	Lower	Upper
96	100		
61	132.8	101.4	152.2
98	59.6	49.3	73.9

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#22

Diisopropyl ether

Concen: 21.572 ug/l

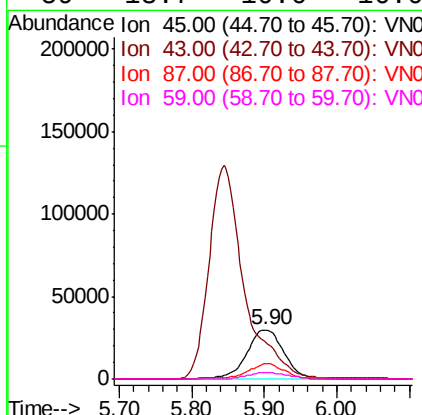
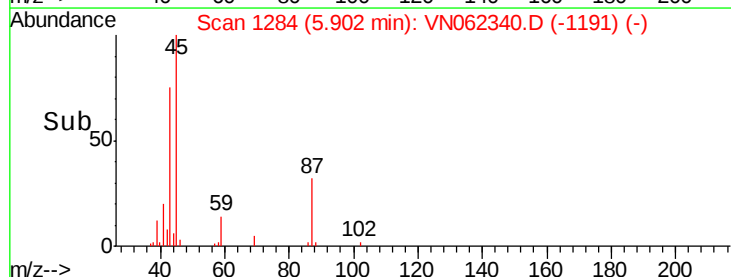
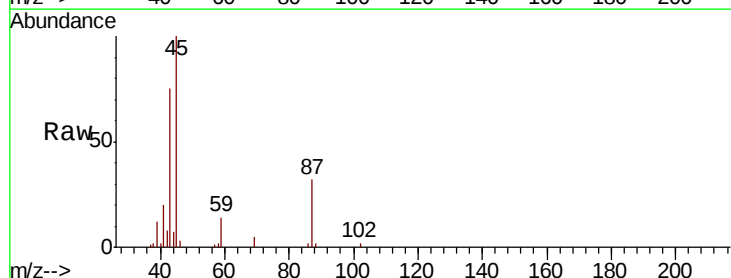
RT: 5.90 min Scan# 1284

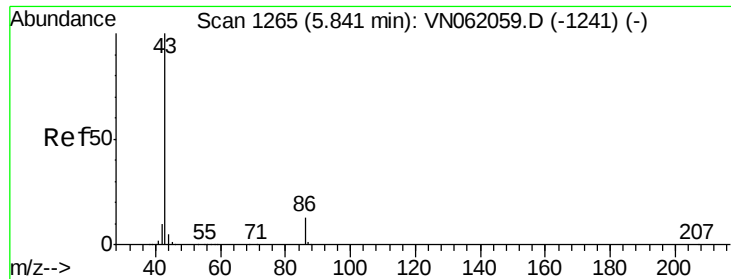
Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion:	45	Resp:	105909
Ion	Ratio	Lower	Upper
45	100		
43	72.7	49.7	74.5
87	32.0	25.9	38.9
59	13.7	10.6	16.0





#23

Vinyl Acetate

Concen: 108.624 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

VN0702MBS01

Tot Ion: 43 Resp: 435412

Ion Ratio Lower Upper

43 100

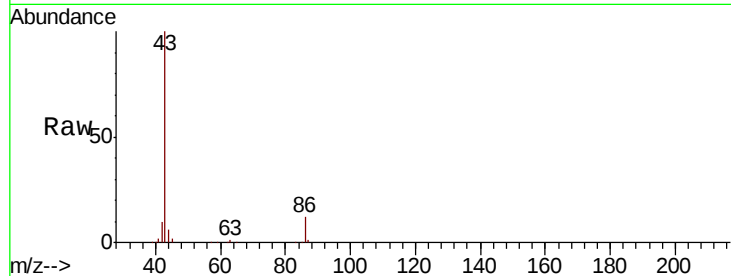
86 12.0 10.1 15.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN062340.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062340.D (-1172) (-)

150000

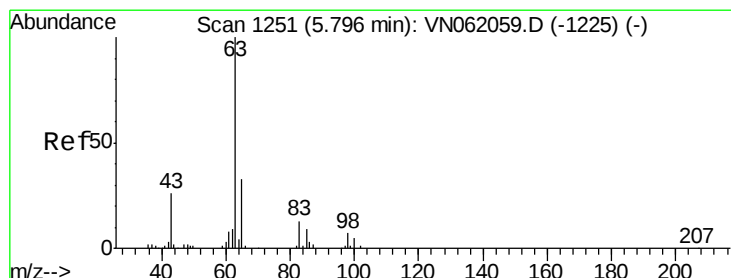
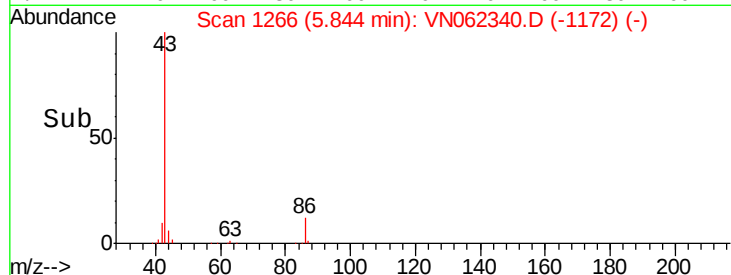
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.498 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

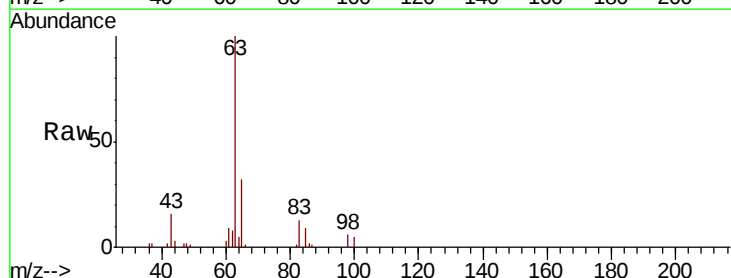
Tgt Ion: 63 Resp: 64805

Ion Ratio Lower Upper

63 100

98 6.0 3.6 10.9

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062340.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062340.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062340.D (-1158) (-)

25000

20000

15000

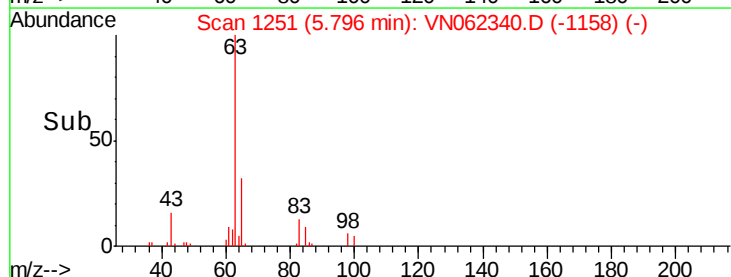
10000

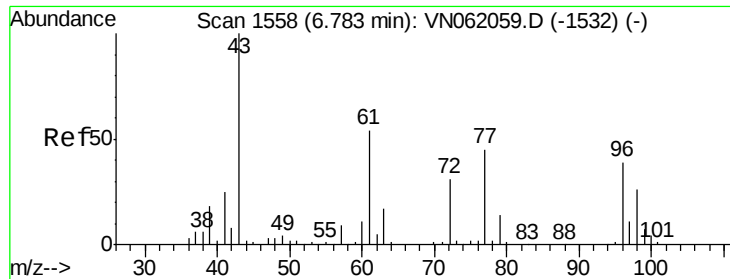
5000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 115.376 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

VN0702MBS01

Tot Ion: 43 Resp: 109158

Ion Ratio Lower Upper

43 100

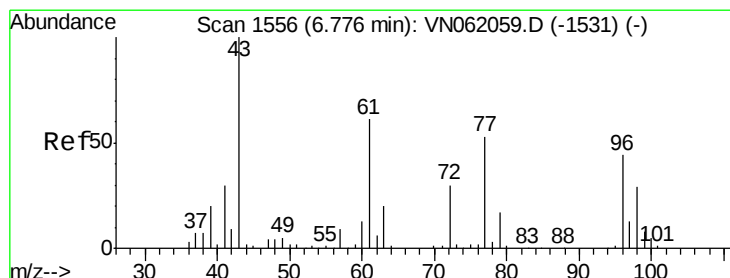
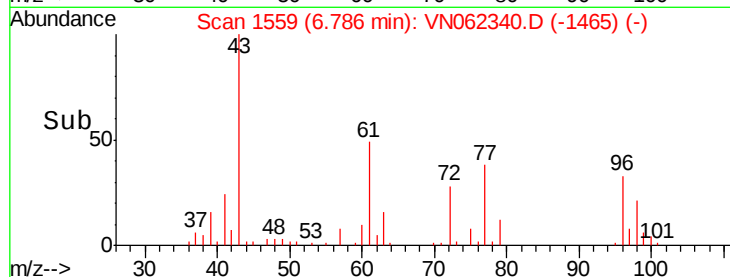
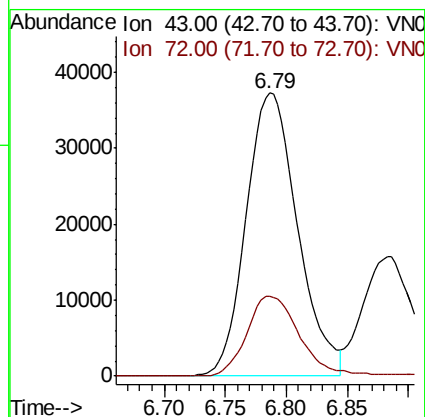
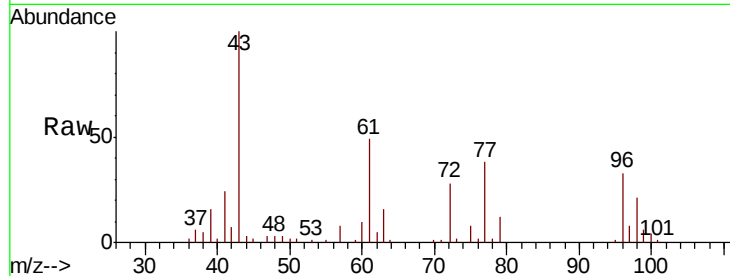
72 28.1 24.8 37.2

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 19.368 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062340.D

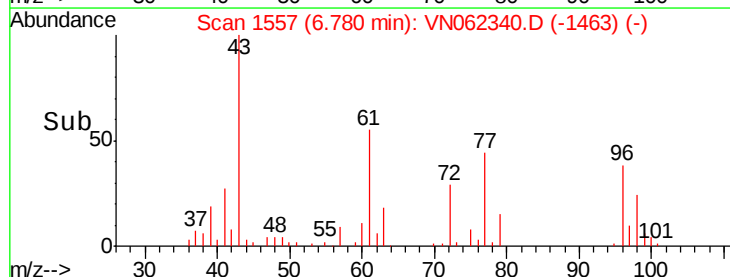
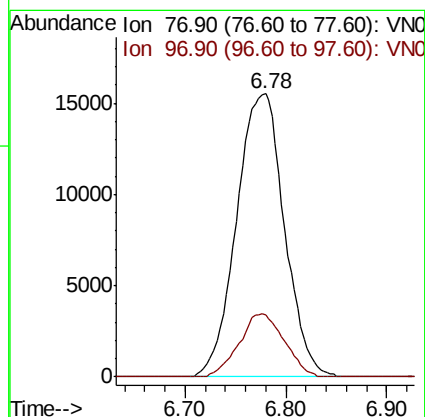
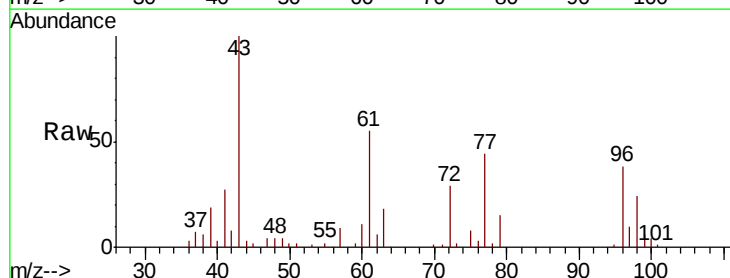
Acq: 2 Jul 2020 18:06

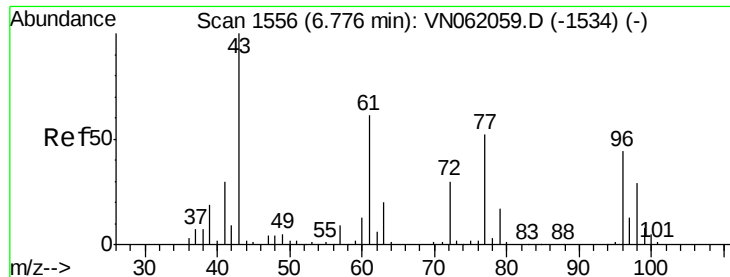
Tgt Ion: 77 Resp: 51025

Ion Ratio Lower Upper

77 100

97 21.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.838 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

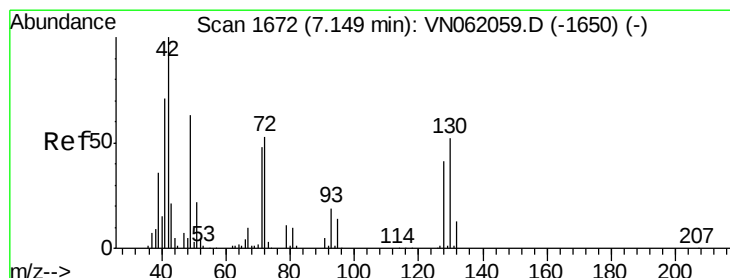
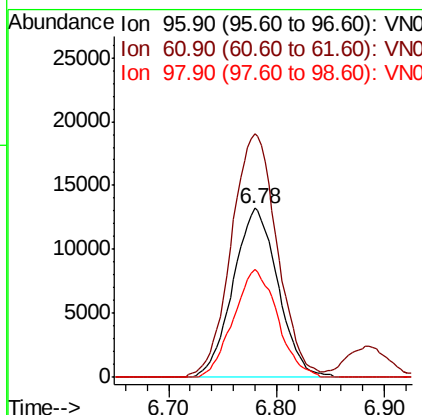
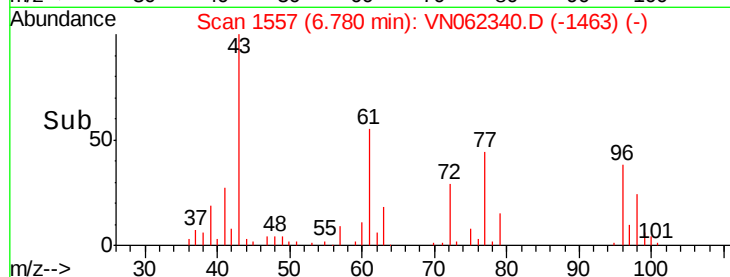
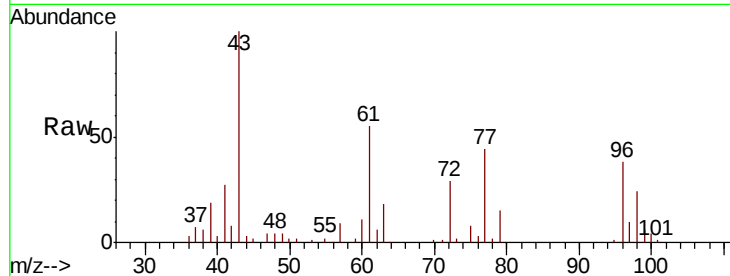
ClientSampled :

VN0702MBS01

Tot Ion:	96	Resp:	38245
Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	280.4
98	62.5	0.0	129.4

Manual Integrations
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sam
7/6/2020 11:34:11 AM



#28

Bromochloromethane

Concen: 20.866 ug/l

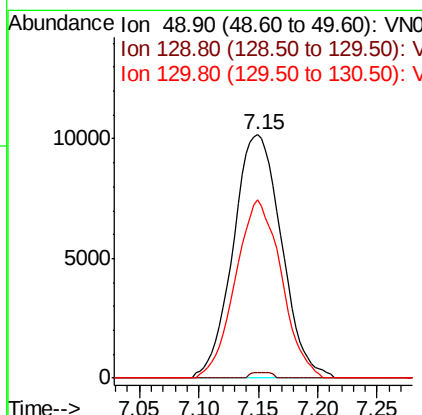
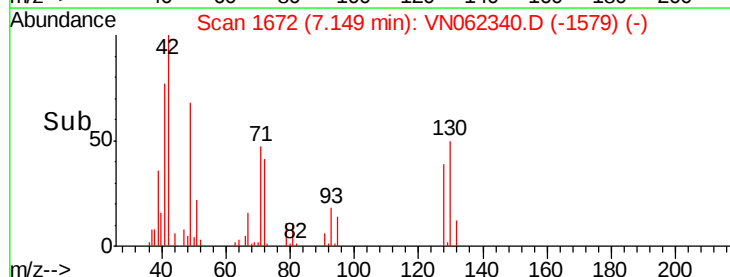
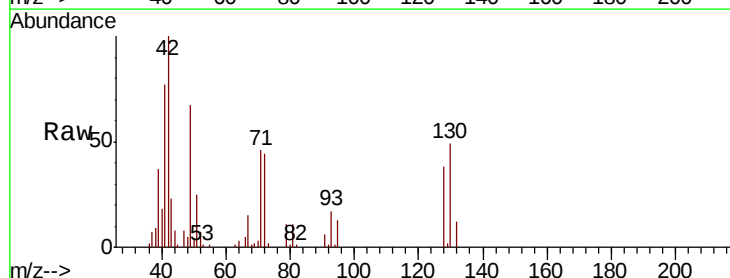
RT: 7.15 min Scan# 1672

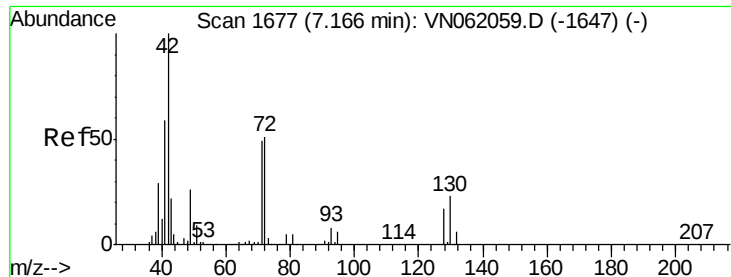
Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion:	49	Resp:	28622
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.4
130	69.7	65.5	98.3





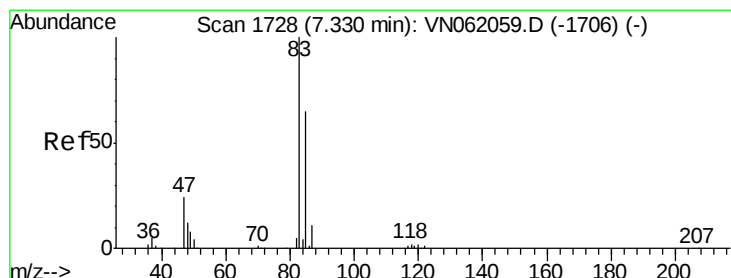
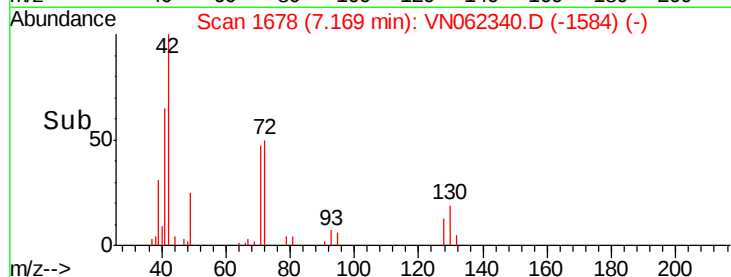
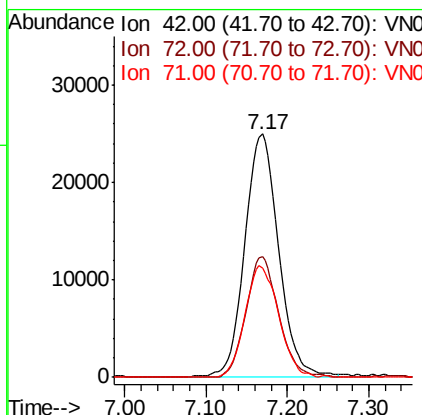
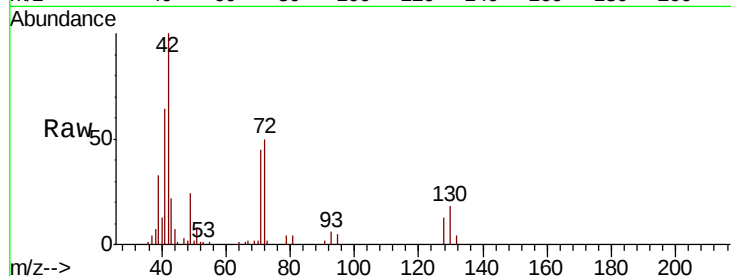
#29
Tetrahydrofuran
Concen: 115.707 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampleId :
VN0702MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	41.1	61.7
71	45.2	38.2	57.4

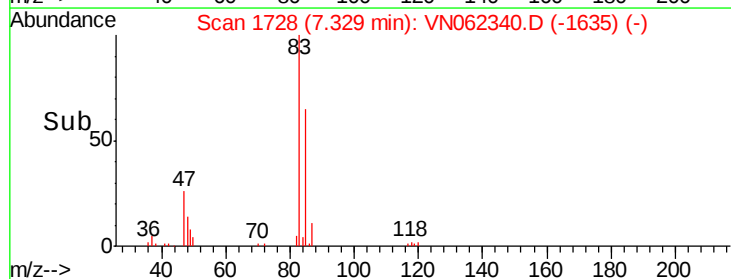
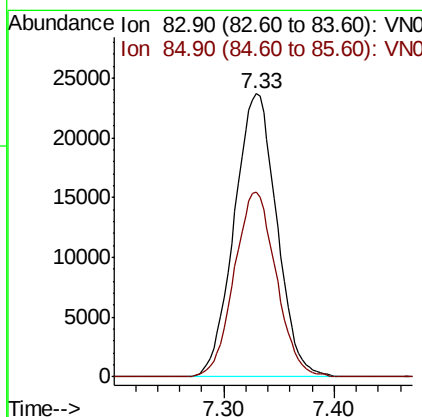
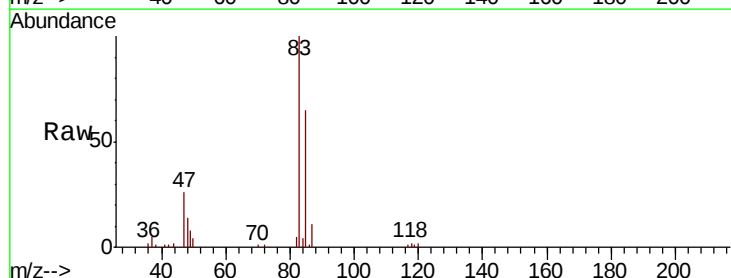
Manual Integrations
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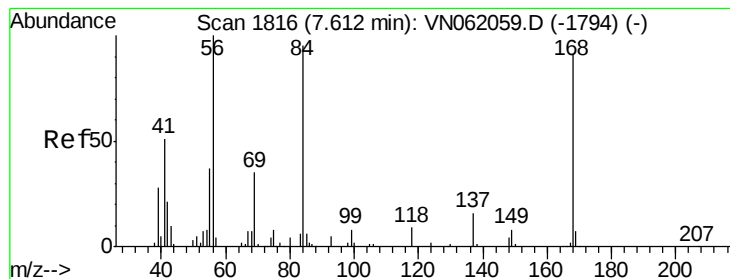
sam
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#30
Chloroform
Concen: 19.671 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.3	78.5





#31

Cyclohexane

Concen: 18.619 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

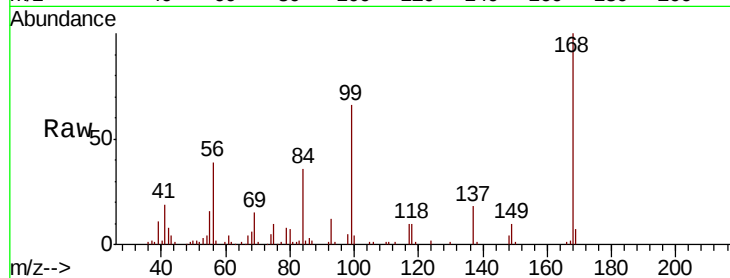
ClientSampled :

VN0702MBS01

Tot Ion:	56	Resp:	49791
Ion	Ratio	Lower	Upper
56	100		
69	39.7	28.0	42.0
84	92.0	76.1	114.1

Manual Integrations
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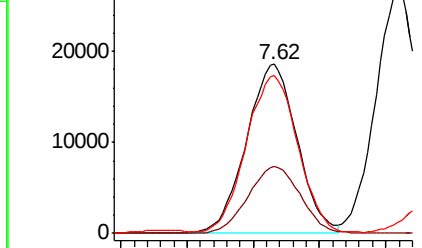
sam
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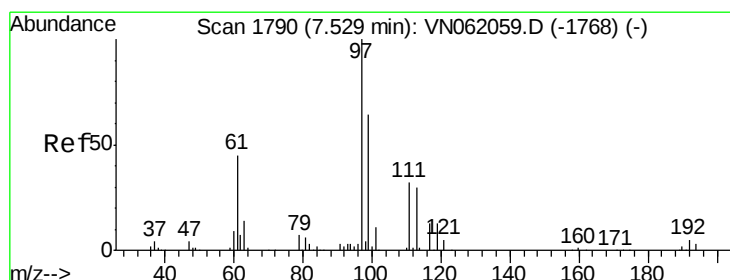
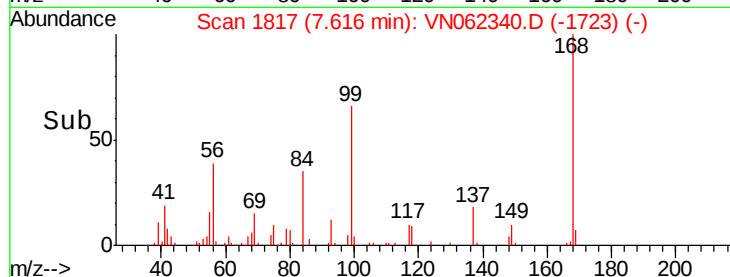
Abundance Ion 56.00 (55.70 to 56.70): VN062340.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062340.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062340.D (-1723) (-)



Time-->



#32

1,1,1-Trichloroethane

Concen: 18.884 ug/l

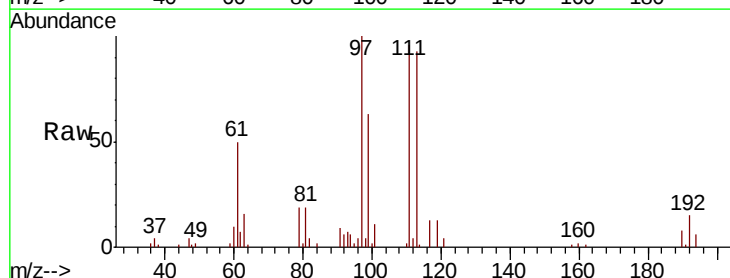
RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

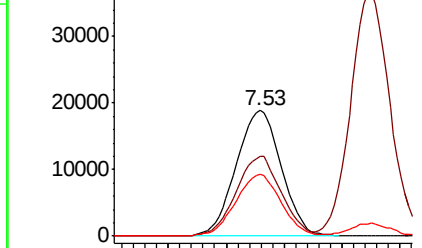
Tgt Ion:	97	Resp:	51226
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.4
61	49.0	36.2	54.2



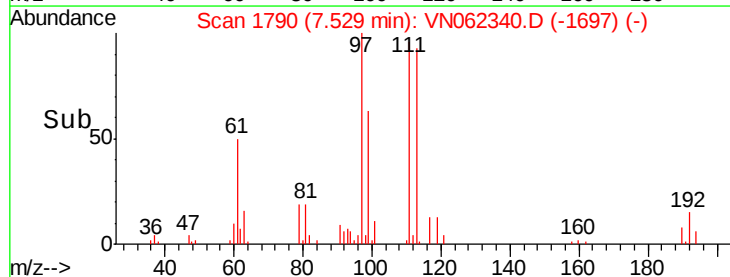
Abundance Ion 96.90 (96.60 to 97.60): VN062340.D (-1697) (-)

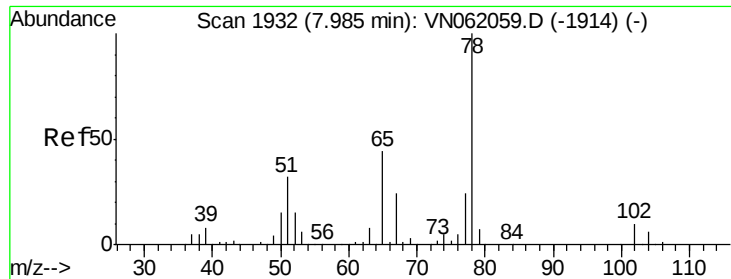
Ion 98.90 (98.60 to 99.60): VN062340.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062340.D (-1697) (-)



Time-->





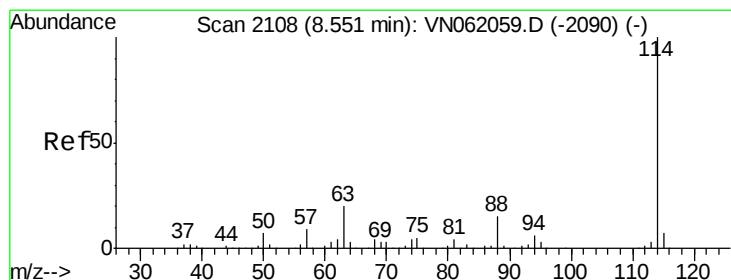
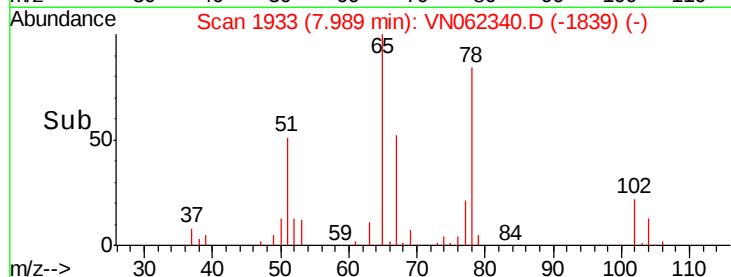
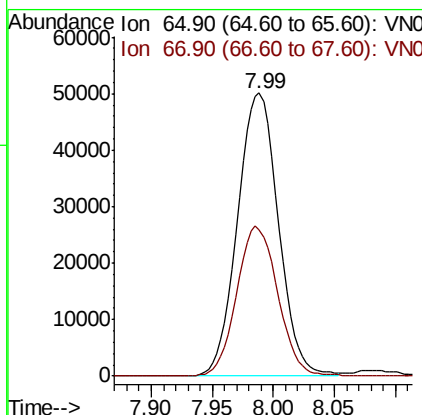
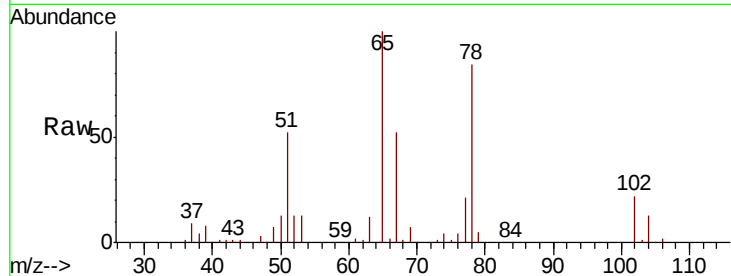
#33
 1,2-Dichloroethane-d4
 Concen: 60.127 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampled :
 VN0702MBS01

Tot Ion: 65 Resp: 116384
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2

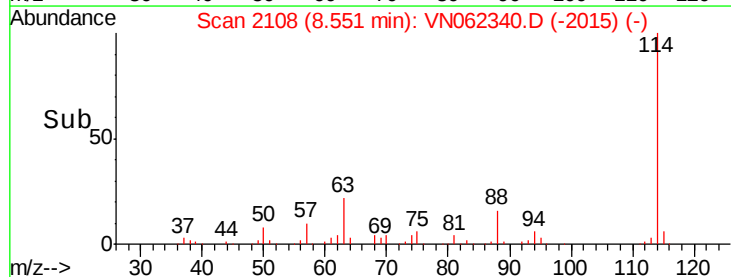
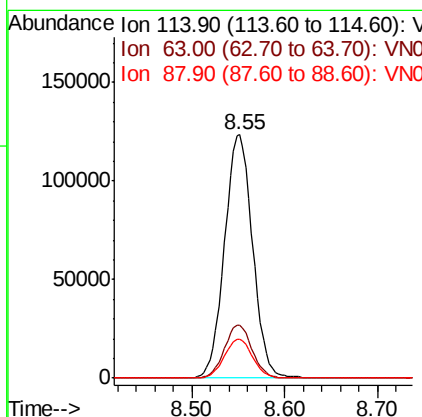
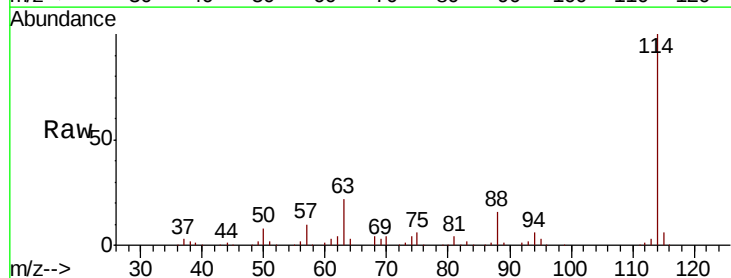
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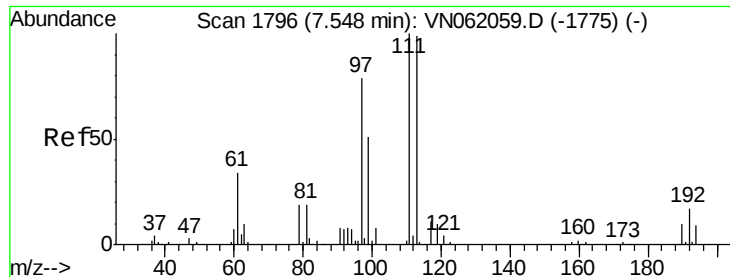
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 114 Resp: 258550
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 39.2
 88 15.8 0.0 30.8





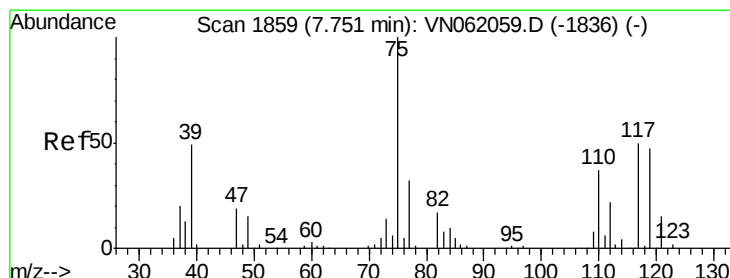
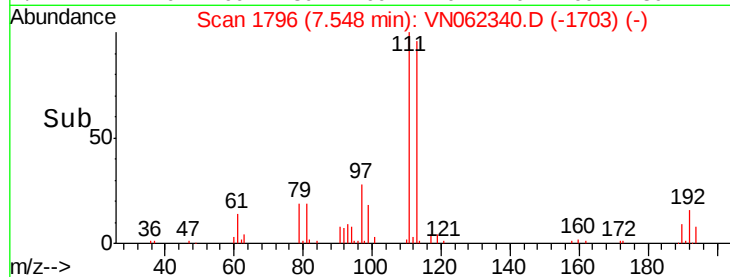
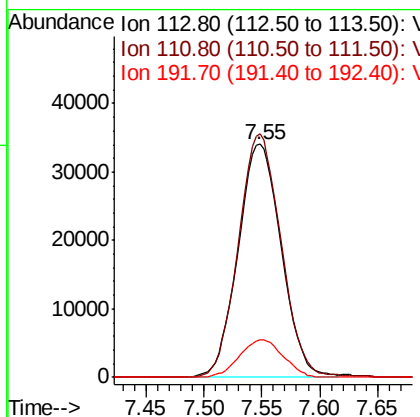
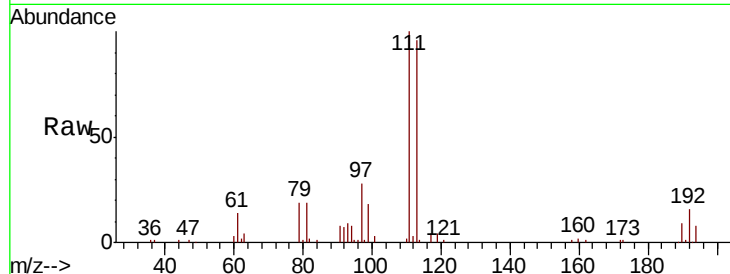
#35
 Dibromofluoromethane
 Concen: 53.257 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.0	82.2	123.4	
192	16.2	14.0	21.0	

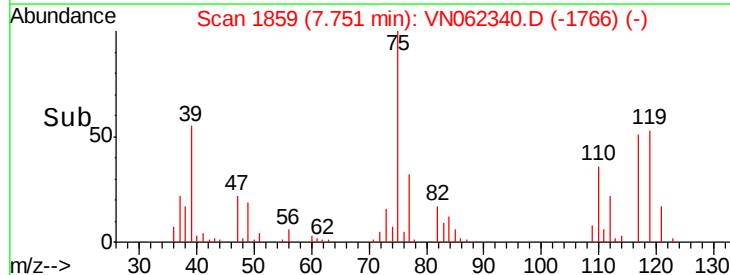
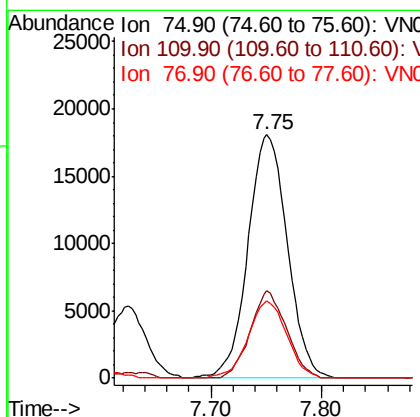
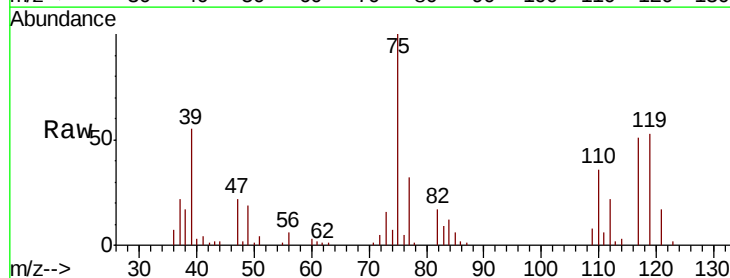
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#36
 1,1-Dichloropropene
 Concen: 17.191 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.0	17.9	53.8	
77	31.2	24.9	37.3	





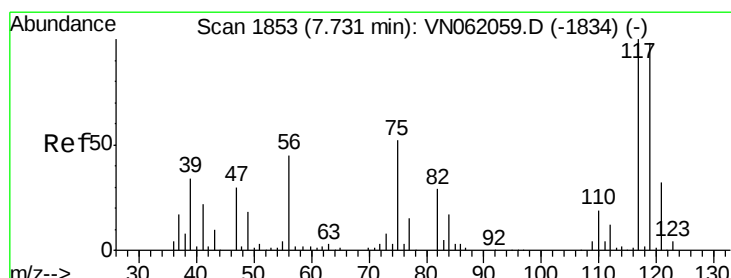
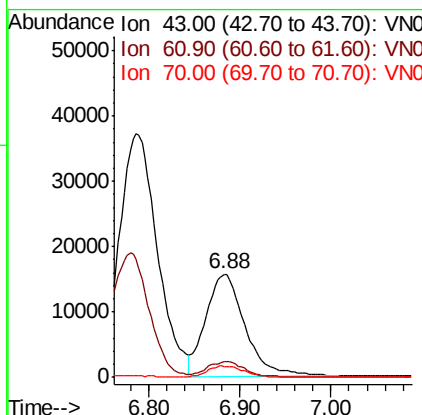
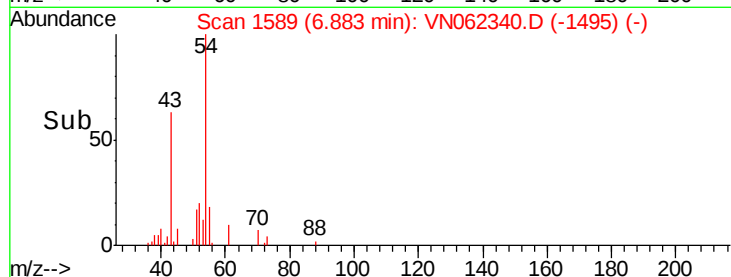
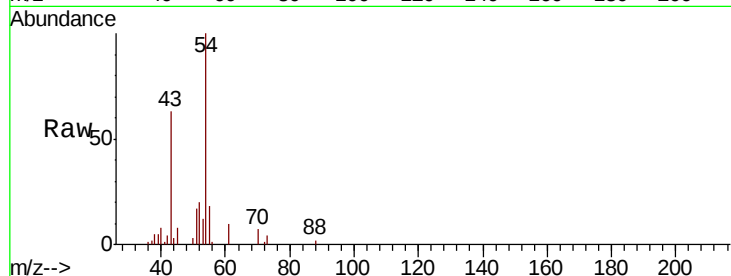
#37
Ethyl Acetate
Concen: 21.915 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion	43	Resp	47160
Ion Ratio	100	Lower	Upper
43	100		
61	14.9	12.0	18.0
70	10.2	9.6	14.4

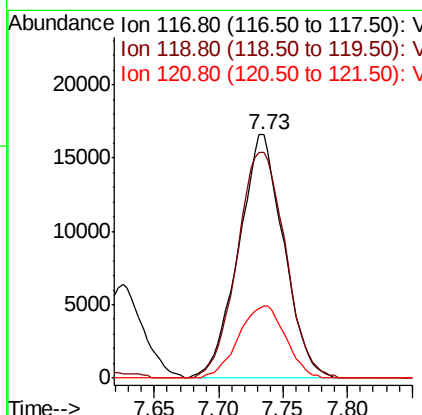
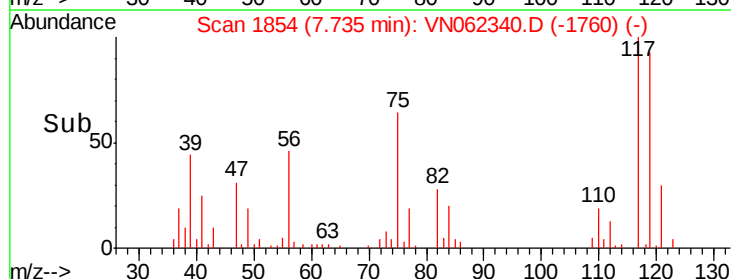
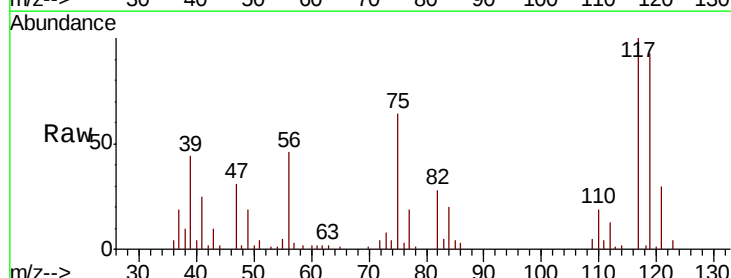
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 16.511 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion	117	Resp	40455
Ion Ratio	100	Lower	Upper
117	100		
119	92.8	78.2	117.2
121	29.8	25.8	38.6





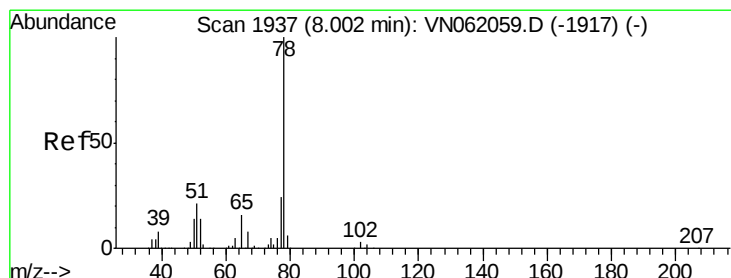
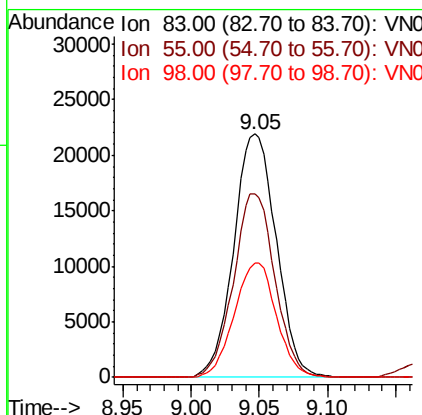
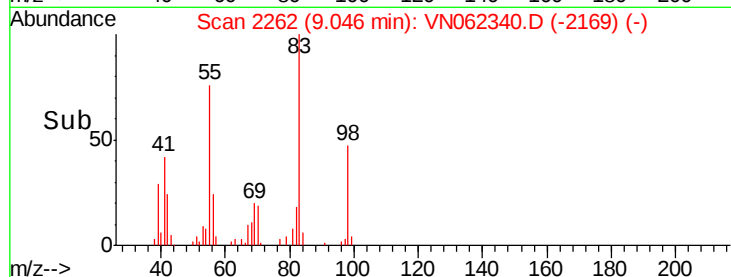
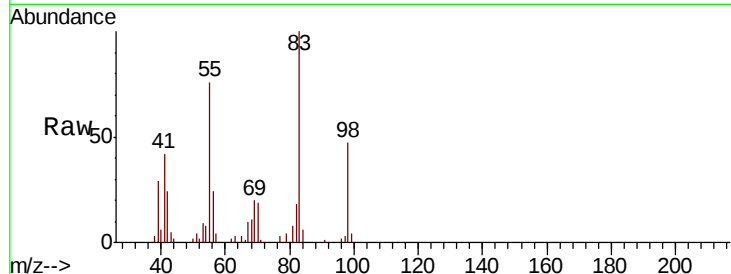
#39
Methvlcvclohexane
Concen: 16.616 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	57.0	85.6
98	46.8	39.0	58.6

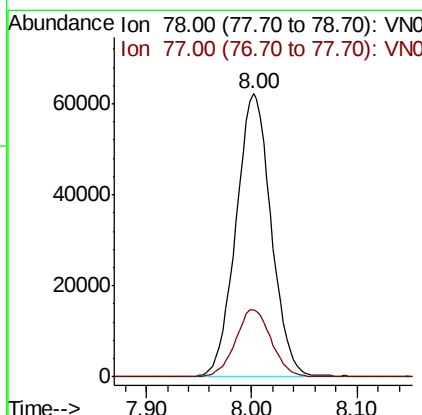
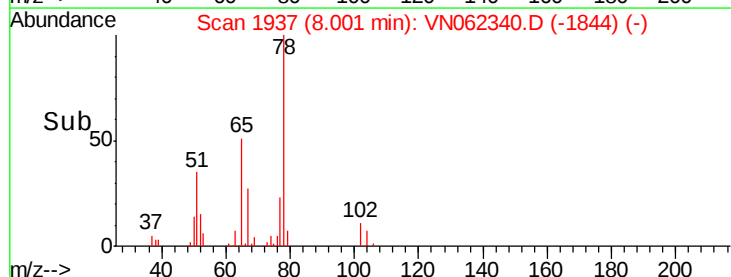
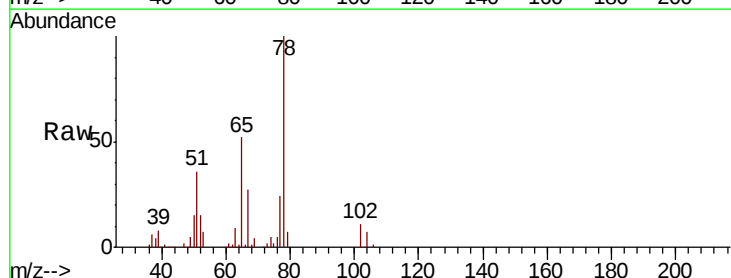
Manual Integrations
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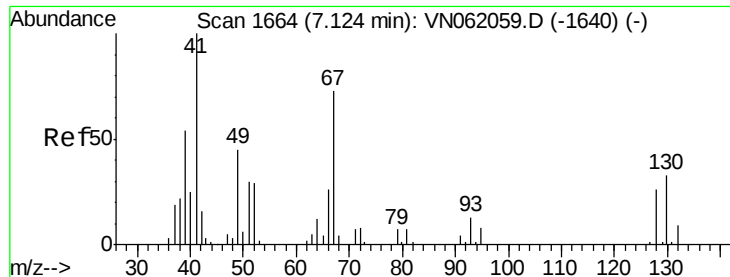
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#40
Benzene
Concen: 18.200 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.5	29.3





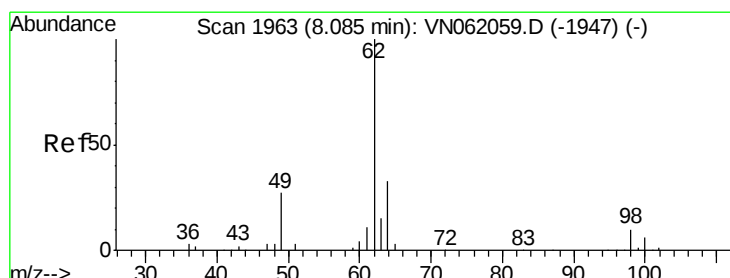
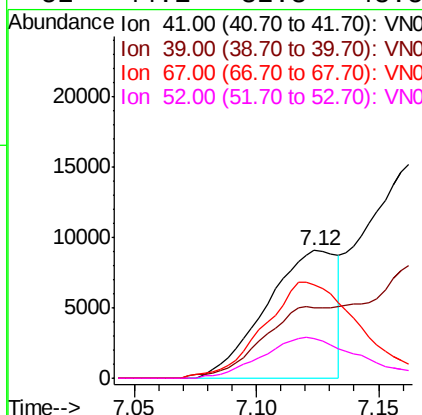
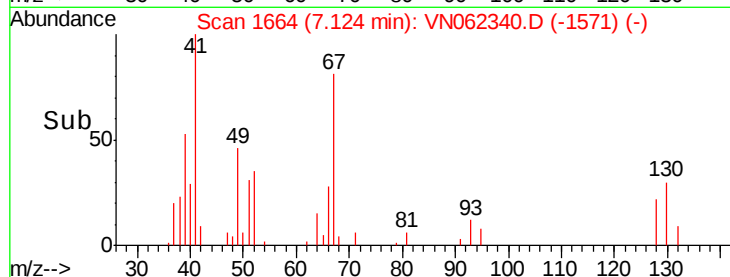
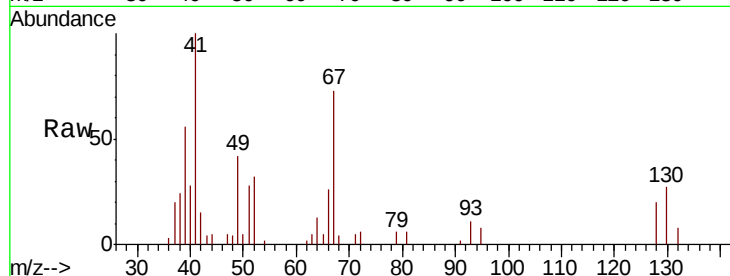
#41
Methacrylonitrile
Concen: 18.396 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion:	41	Resp:	18353
Ion	Ratio	Lower	Upper
41	100		
39	47.3	44.2	66.2
67	102.7	79.5	119.3
52	44.1	32.3	48.5

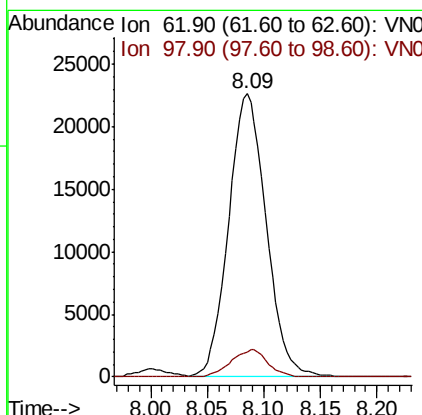
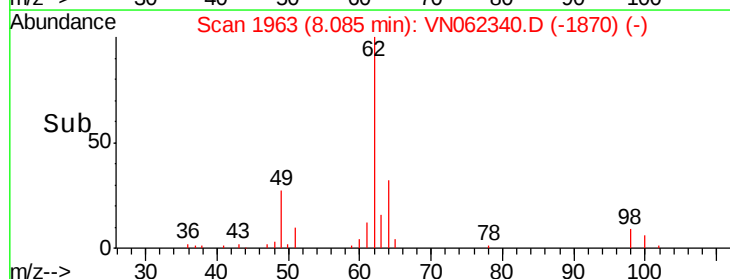
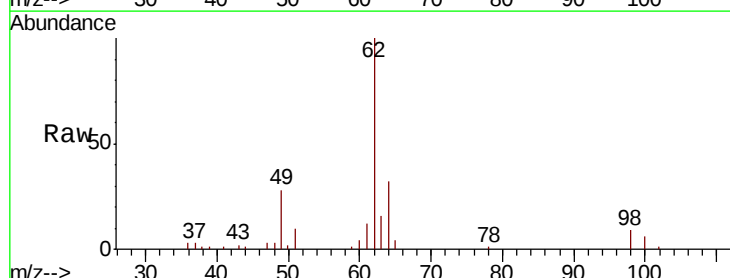
Manual Integrations
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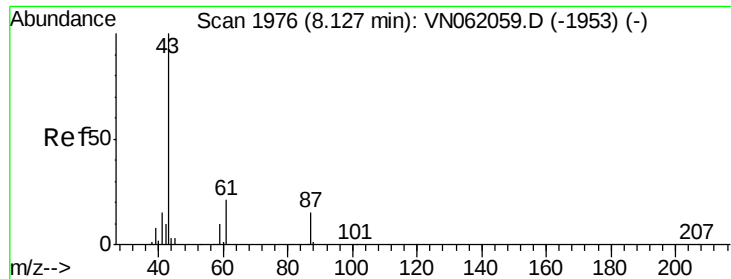
sam
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#42
1,2-Dichloroethane
Concen: 19.614 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion:	62	Resp:	52492
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8





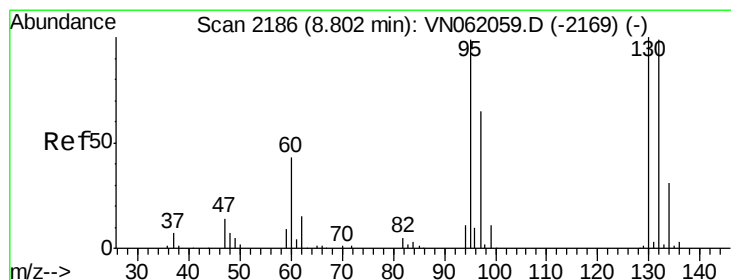
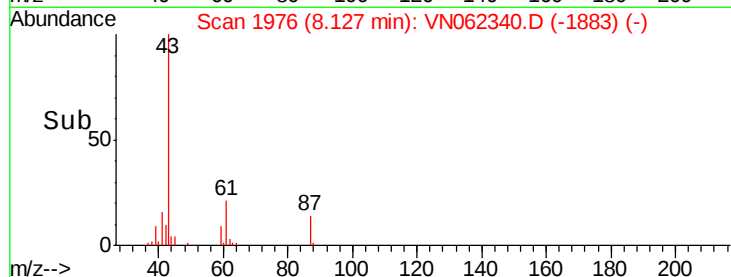
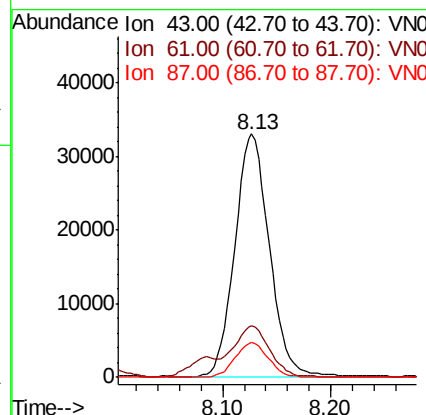
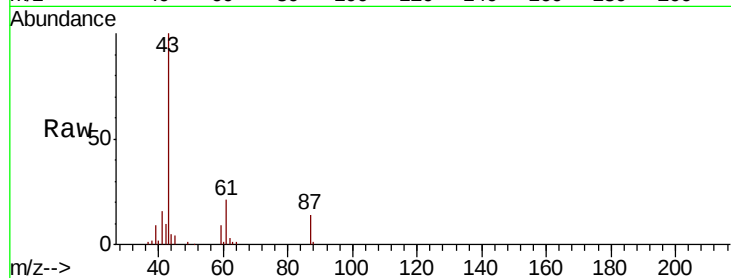
#43
Isopropyl Acetate
Concen: 21.139 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion	43	Resp	74156
Ion Ratio	100	Lower	Upper
43	100		
61	21.9	17.2	25.8
87	13.6	12.1	18.1

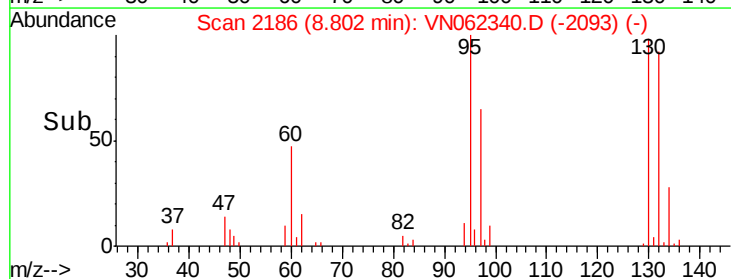
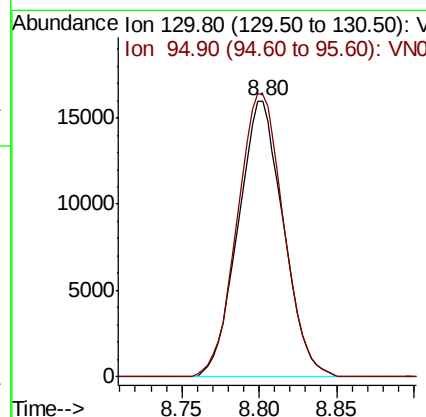
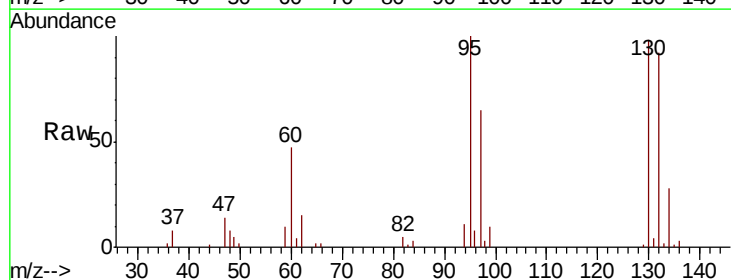
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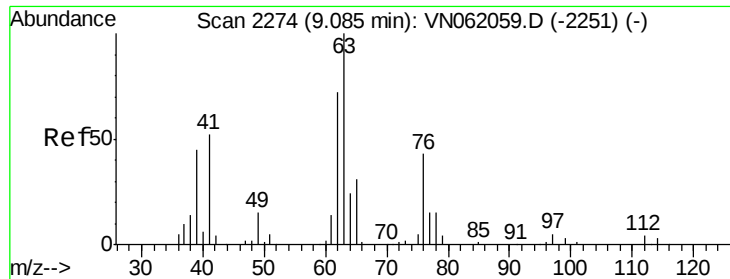
Sam
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#44
Trichloroethene
Concen: 16.241 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion	130	Resp	32451
Ion Ratio	100	Lower	Upper
130	100		
95	102.3	0.0	197.8





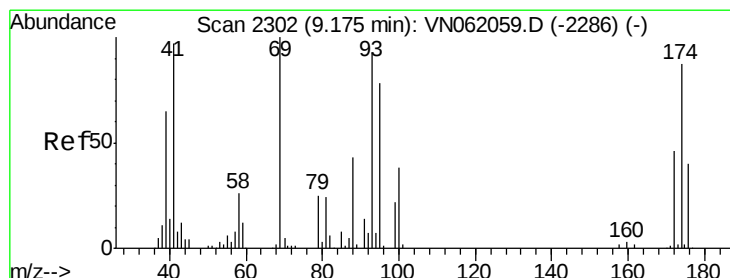
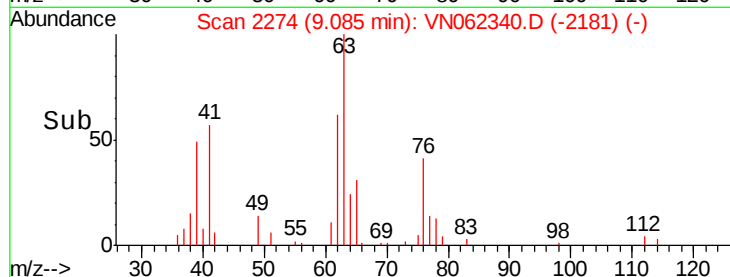
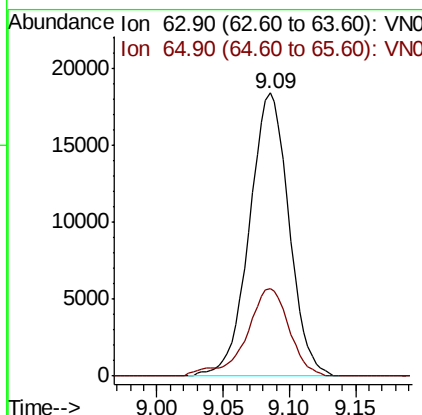
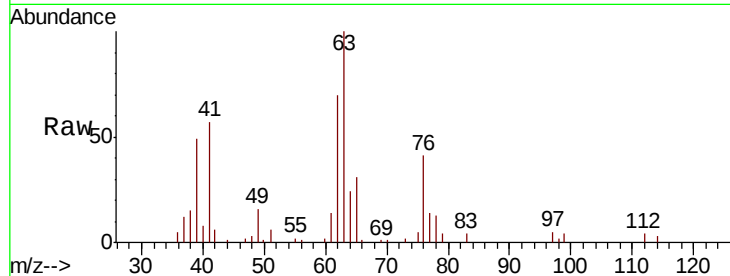
#45
 1,2-Dichloropropane
 Concen: 19.508 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702MBS01

Tot Ion: 63 Resp: 38121
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.4

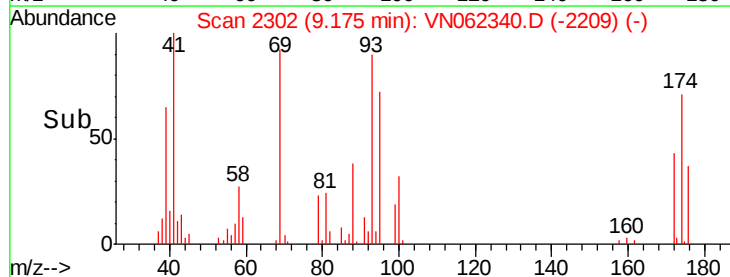
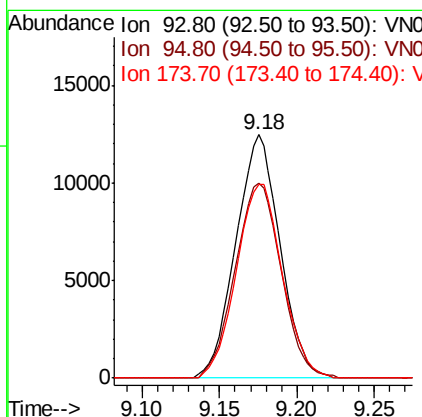
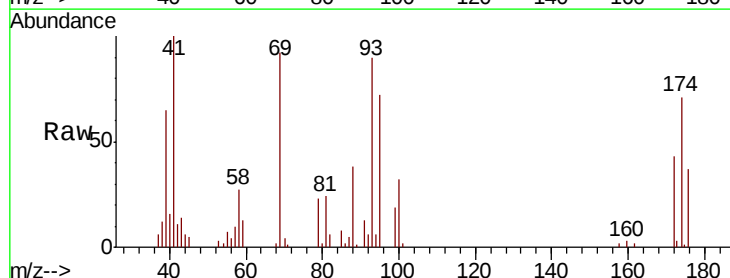
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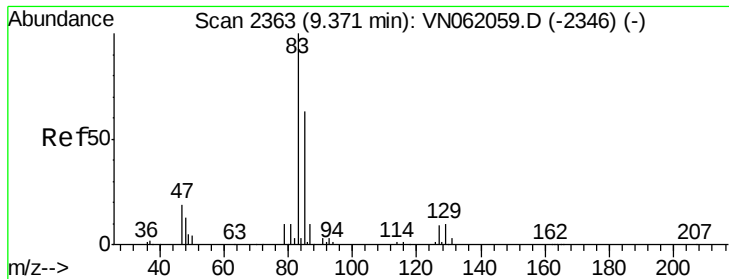
sam
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#46
 Dibromomethane
 Concen: 18.700 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 93 Resp: 24776
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.6
 174 82.8 74.4 111.6





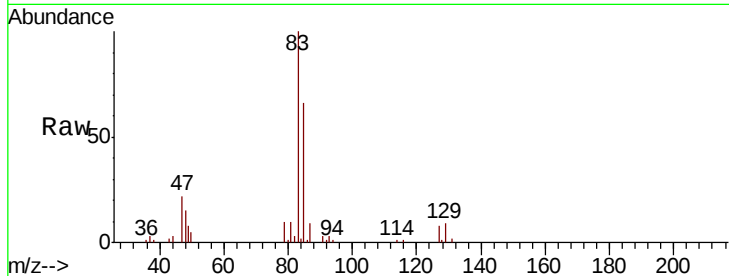
#47
Bromodichloromethane
Concen: 18.847 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampleId :
VN0702MBS01

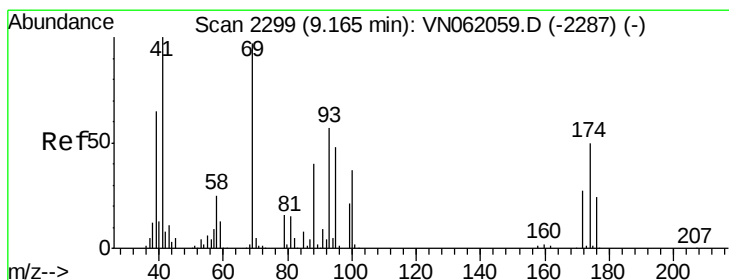
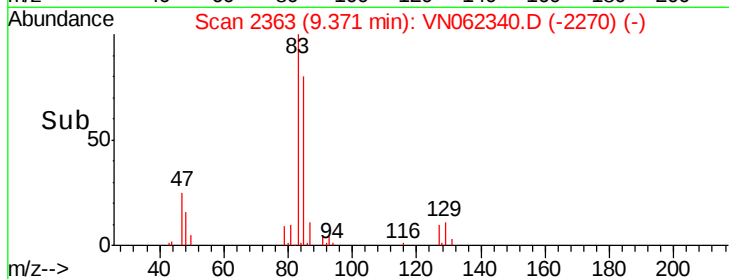
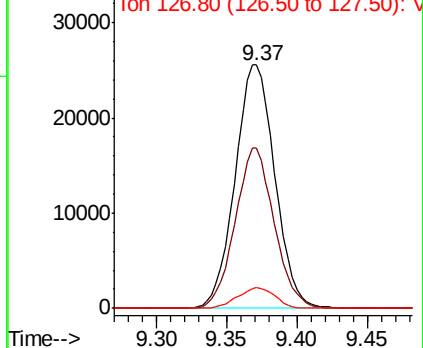
Tot Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.3	75.5
127	8.4	6.9	10.3

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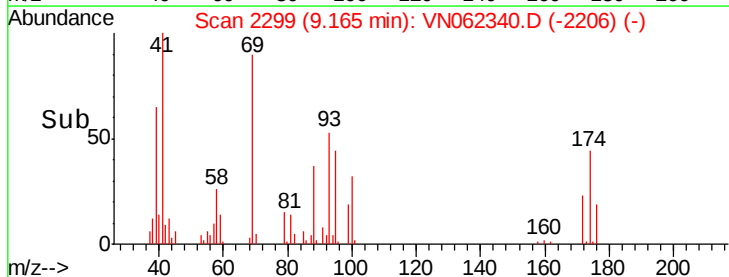
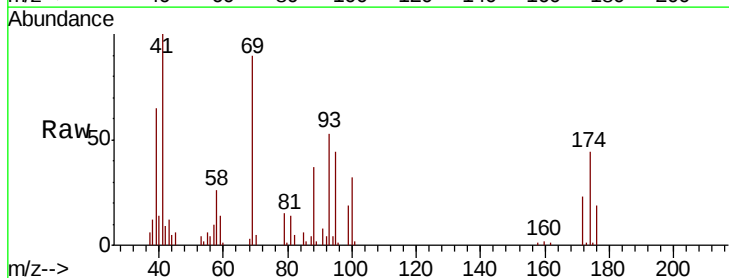
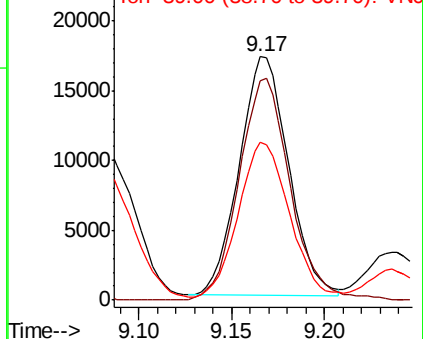
Abundance Ion 82.90 (82.60 to 83.60): VN062340.D (-2270) (-)
Ion 84.90 (84.60 to 85.60): VN062340.D (-2270) (-)
Ion 126.80 (126.50 to 127.50): VN062340.D (-2270) (-)



#48
Methyl methacrylate
Concen: 20.090 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.6	80.7	121.1
39	70.0	54.5	81.7

Abundance Ion 41.00 (40.70 to 41.70): VN062340.D (-2206) (-)
Ion 69.00 (68.70 to 69.70): VN062340.D (-2206) (-)
Ion 39.00 (38.70 to 39.70): VN062340.D (-2206) (-)





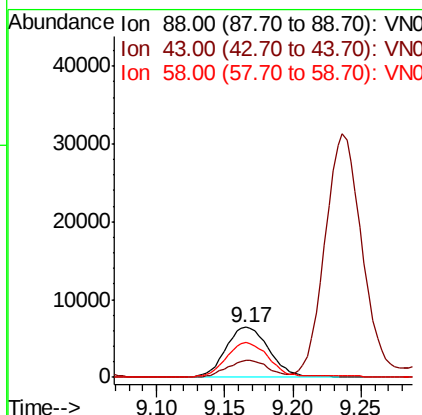
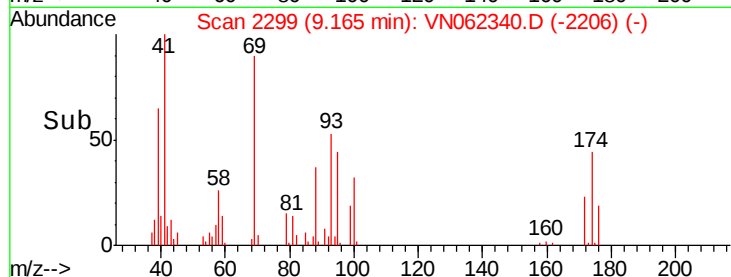
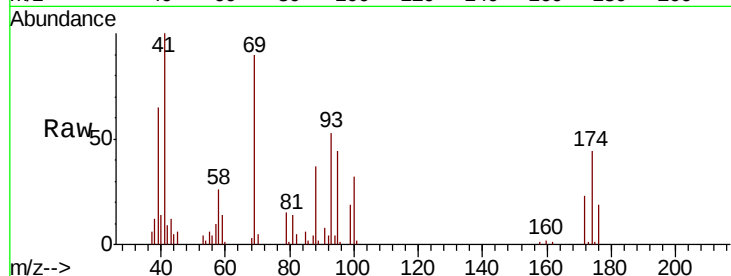
#49
1,4-Dioxane
Concen: 409.447 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	22.0	33.0
58	67.3	49.2	73.8

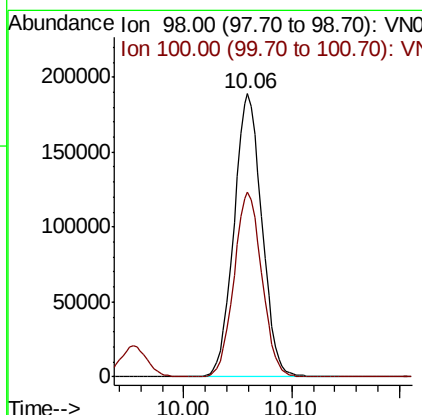
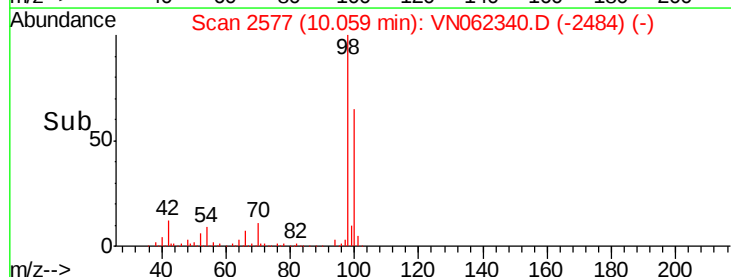
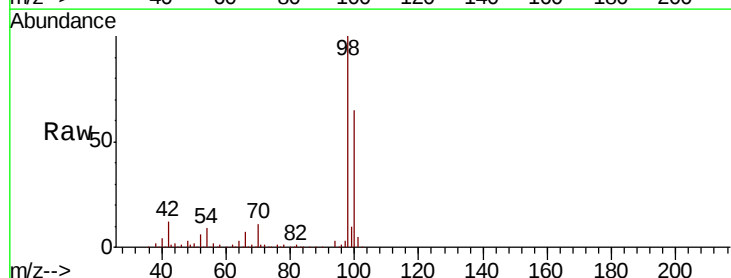
Manual Integrations
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#50
Toluene-d8
Concen: 51.474 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 110.832 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

VN0702MBS01

Tot Ion: 43 Resp: 227162

Ion Ratio Lower Upper

43 100

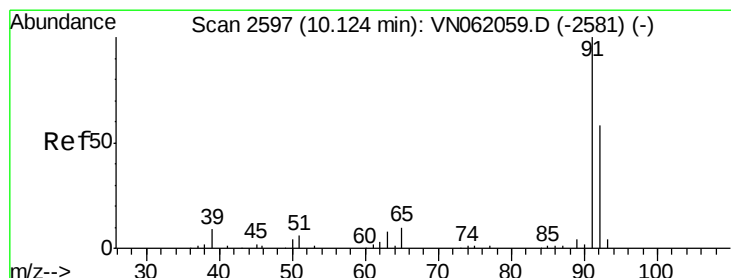
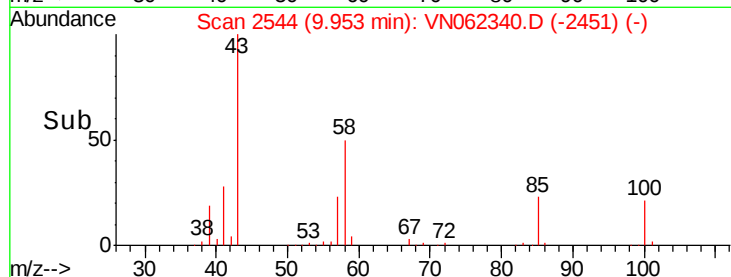
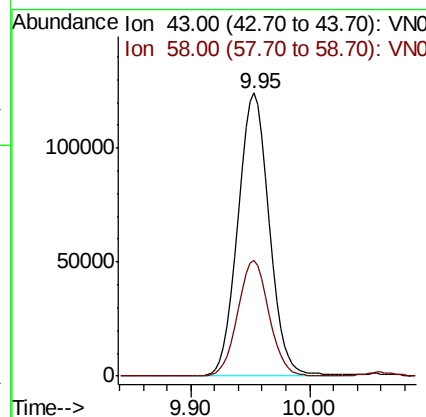
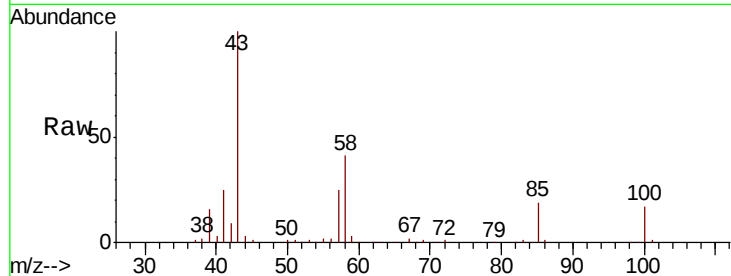
58 40.7 34.2 51.2

Manual Integrations

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#52

Toluene

Concen: 17.985 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062340.D

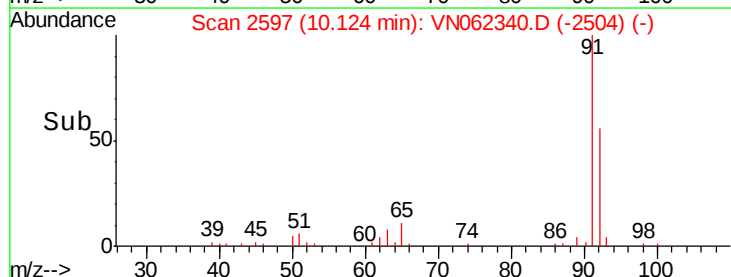
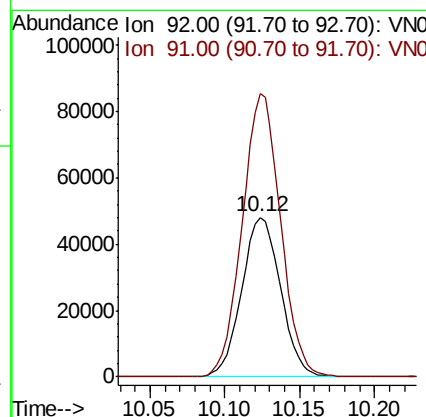
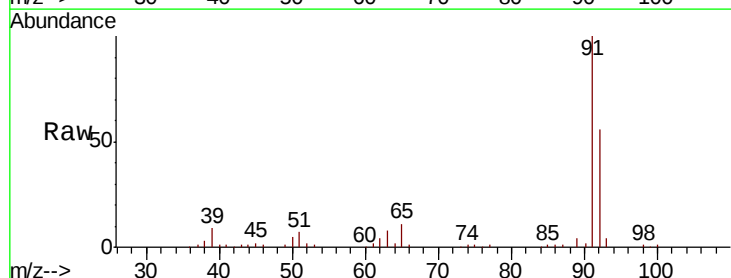
Acq: 2 Jul 2020 18:06

Tgt Ion: 92 Resp: 86922

Ion Ratio Lower Upper

92 100

91 175.9 137.4 206.0





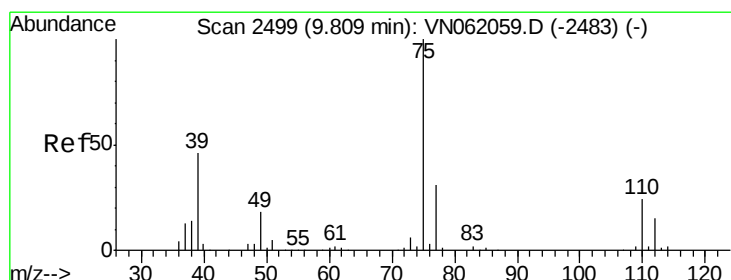
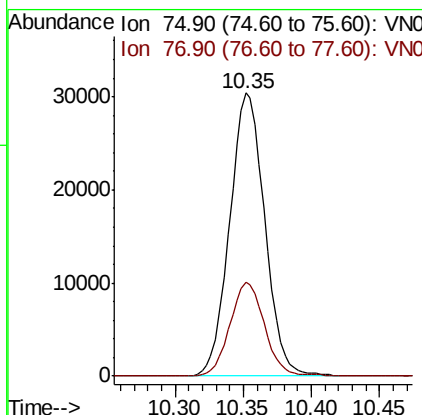
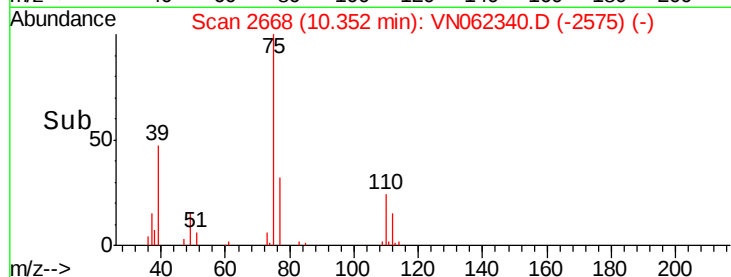
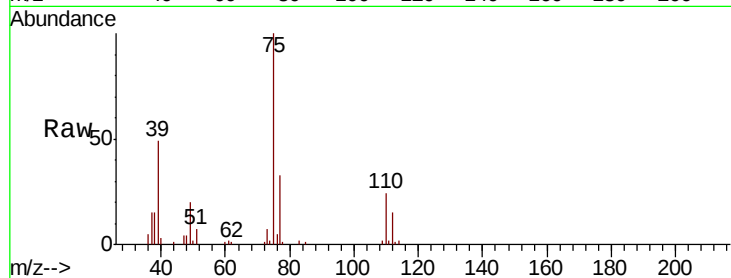
#53
t-1,3-Dichloropropene
Concen: 18.427 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion: 75 Resp: 54236
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3

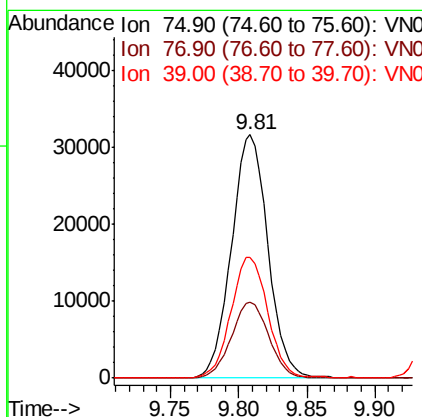
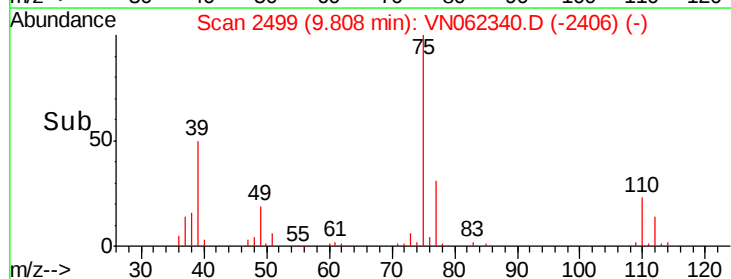
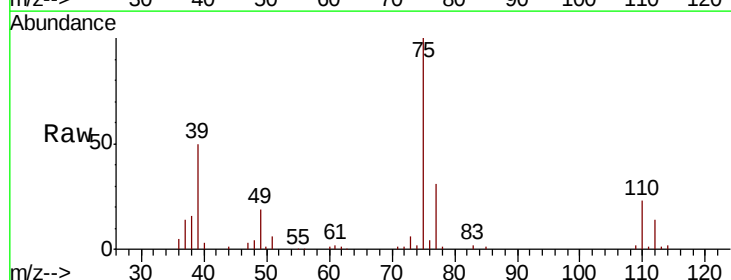
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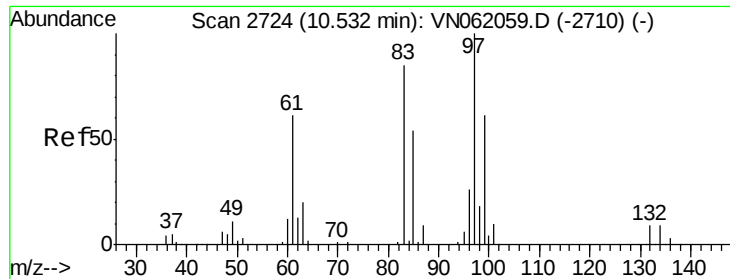
sam
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#54
cis-1,3-Dichloropropene
Concen: 18.719 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 75 Resp: 58655
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 49.7 36.9 55.3





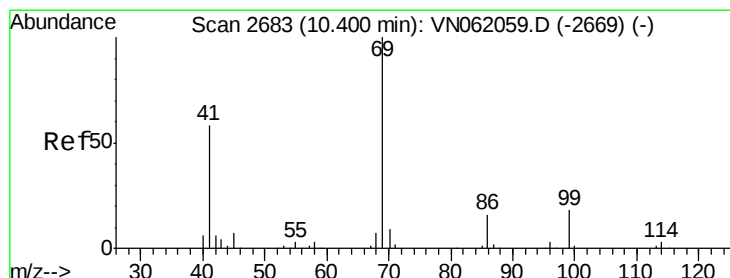
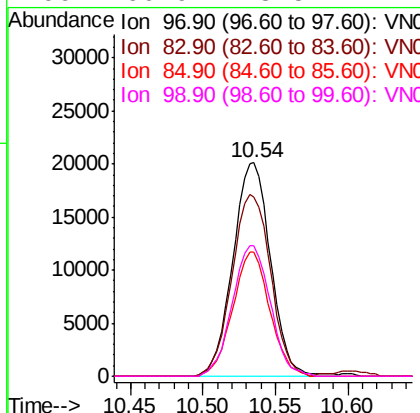
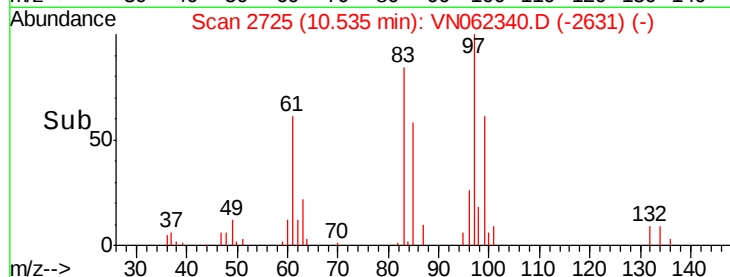
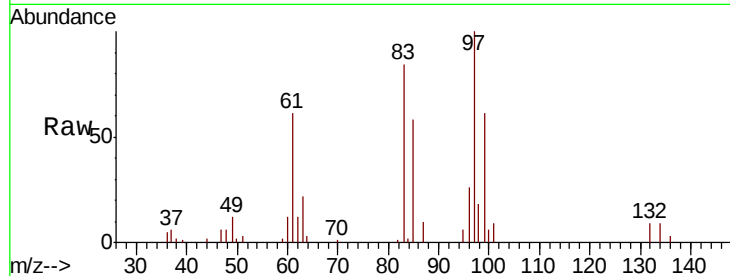
#55
 1,1,2-Trichloroethane
 Concen: 19.131 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampled :
 VN0702MBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.2	102.2
85	58.1	43.2	64.8
99	60.9	48.5	72.7

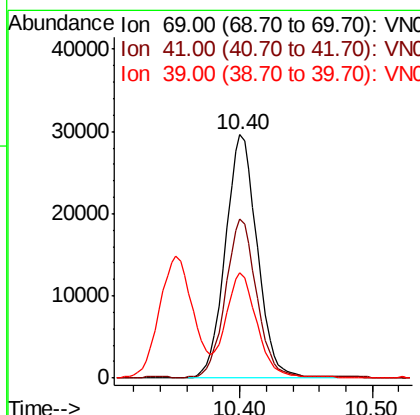
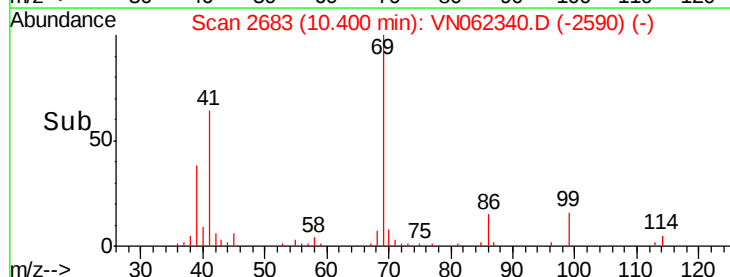
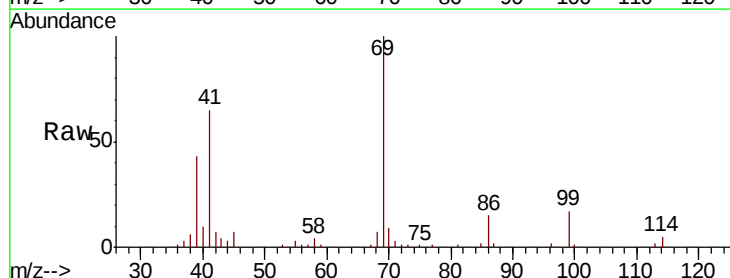
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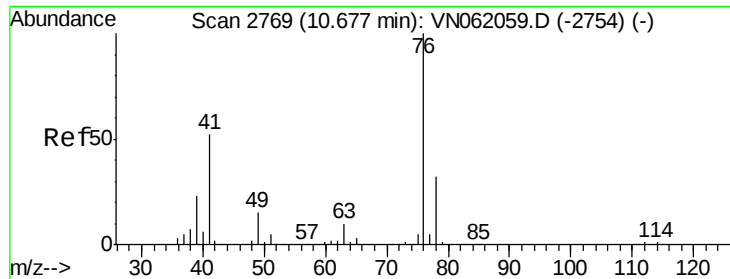
sam
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#56
 Ethyl methacrylate
 Concen: 19.502 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.6	46.6	70.0
39	43.0	31.0	46.4





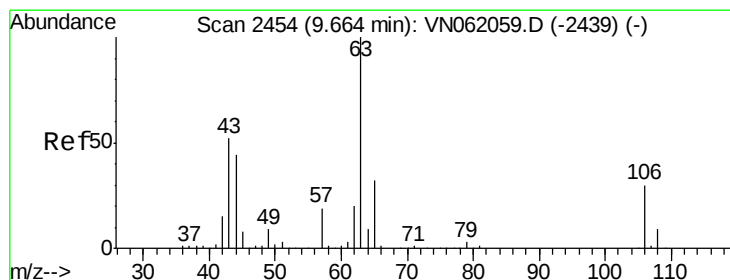
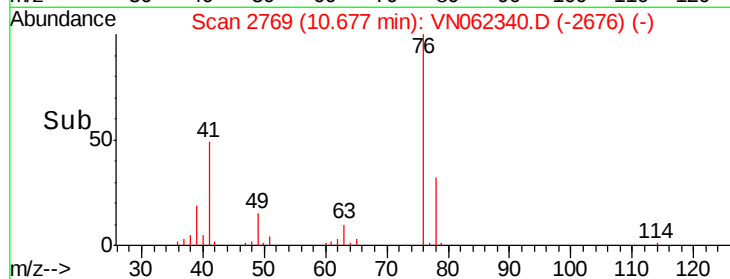
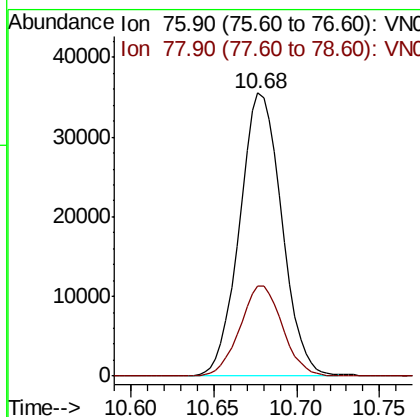
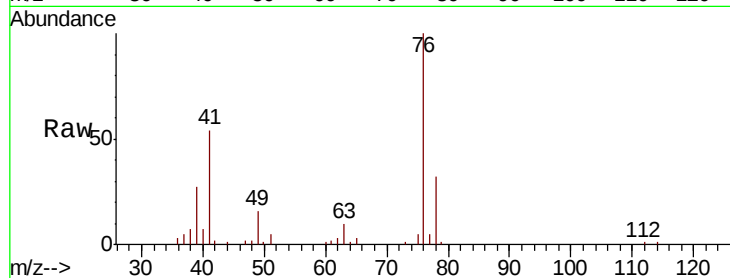
#57
 1,3-Dichloropropane
 Concen: 19.290 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702MBS01

Tot Ion: 76 Resp: 63080
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8

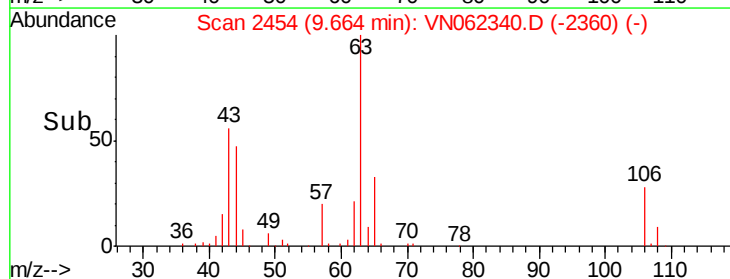
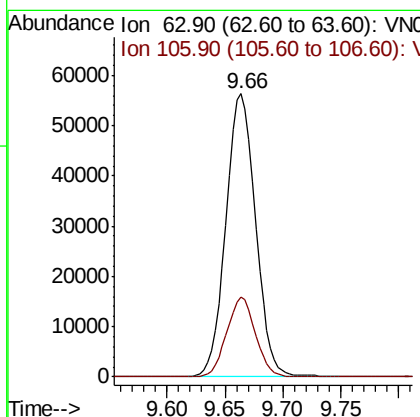
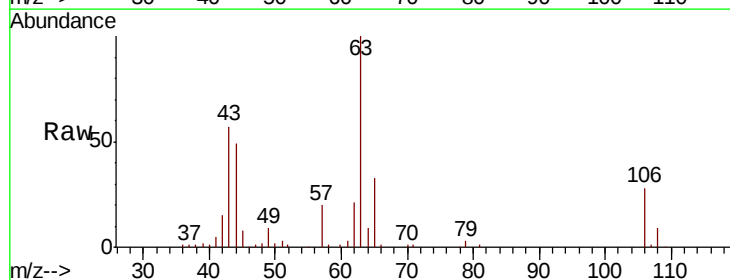
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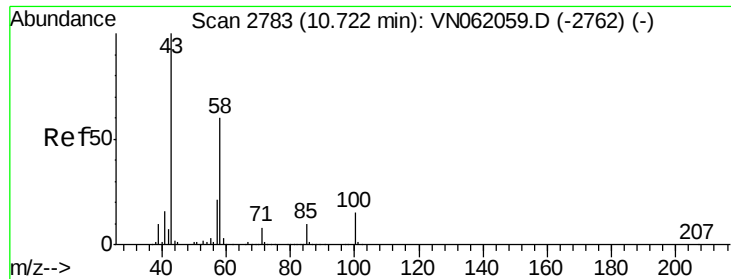
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.564 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 63 Resp: 99757
 Ion Ratio Lower Upper
 63 100
 106 27.1 23.2 34.8





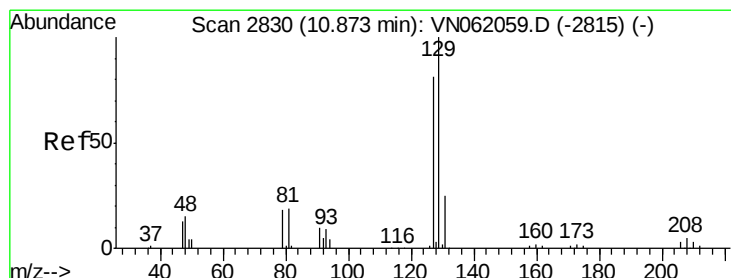
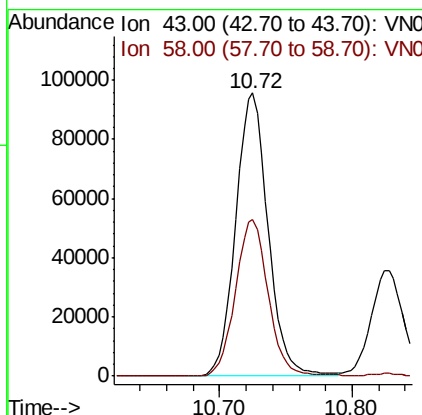
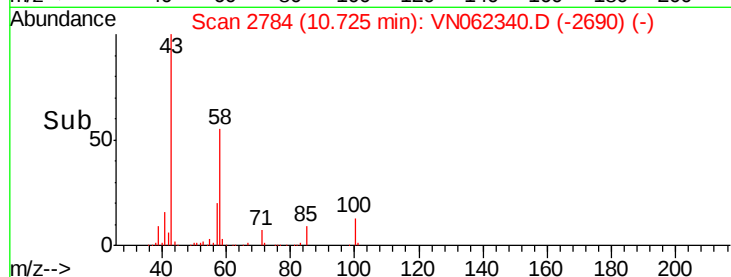
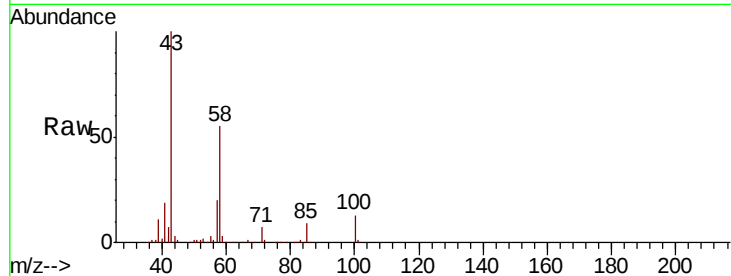
#59
2-Hexanone
Concen: 109.837 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion: 43 Resp: 162560
Ion Ratio Lower Upper
43 100
58 55.8 29.5 88.5

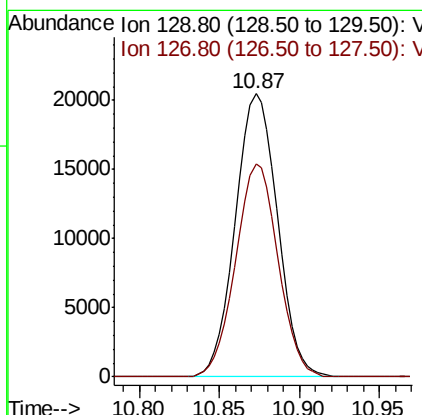
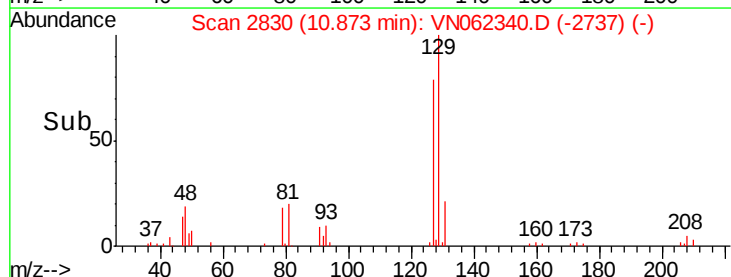
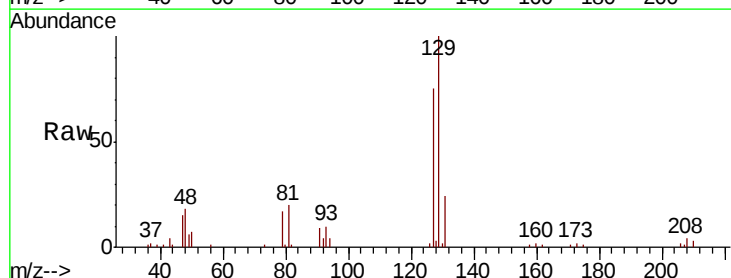
Manual Integrations
APPROVED

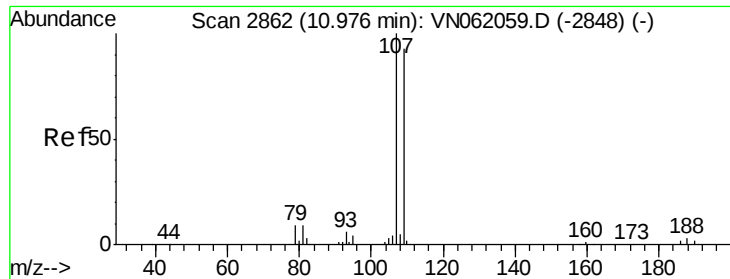
sam
7/6/2020 11:34:11 AM



#60
Dibromochloromethane
Concen: 18.306 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 129 Resp: 36820
Ion Ratio Lower Upper
129 100
127 75.7 39.5 118.5





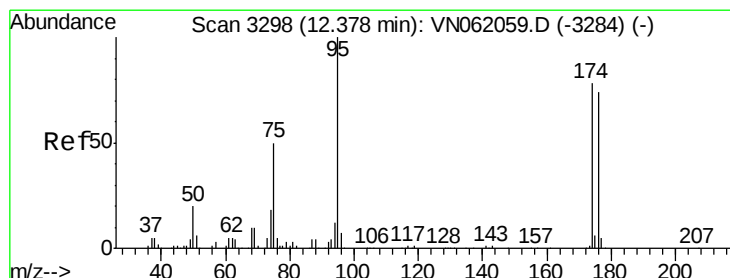
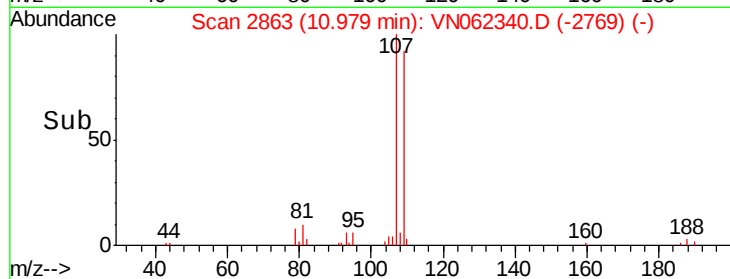
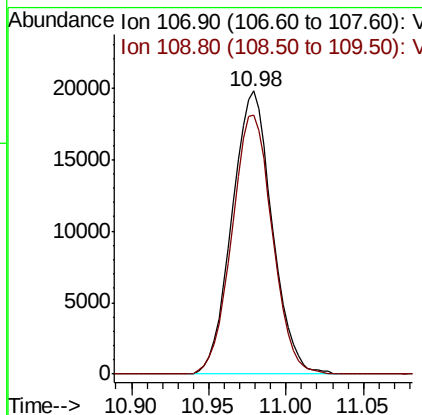
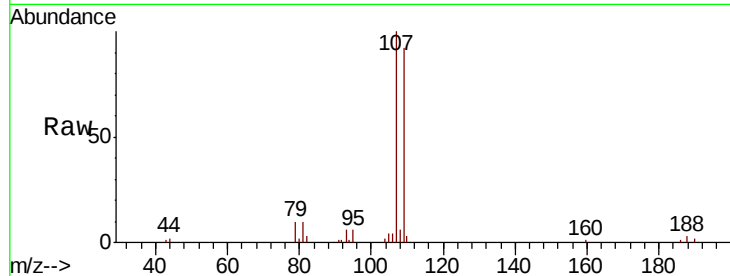
#61
 1,2-Dibromoethane
 Concen: 18.268 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702MBS01

Tot Ion: 107 Resp: 35661
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.0 112.6

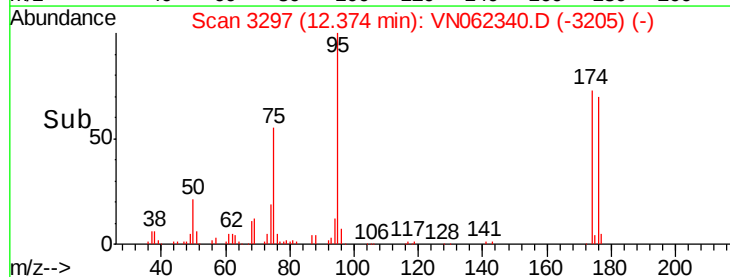
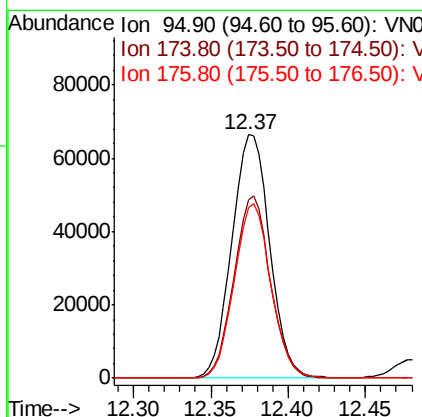
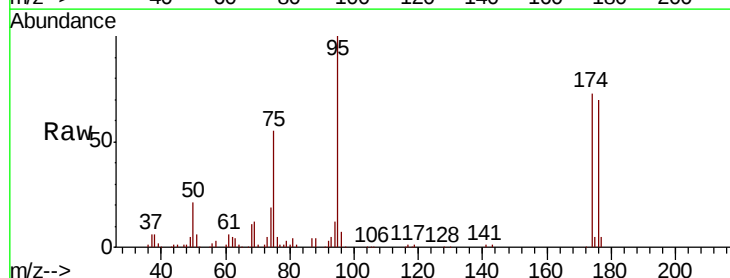
Manual Integrations
 APPROVED

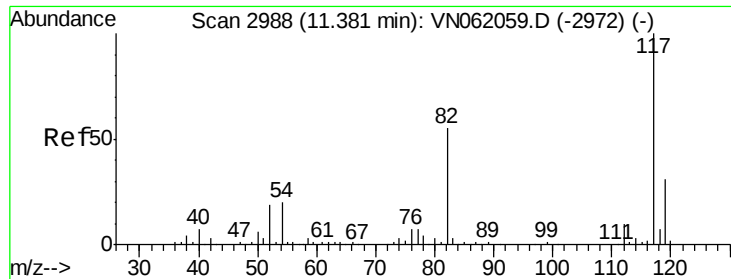
sam
 7/6/2020 11:34:11 AM



#62
 4-Bromofluorobenzene
 Concen: 50.441 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 95 Resp: 112995
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 154.8
 176 69.5 0.0 147.4





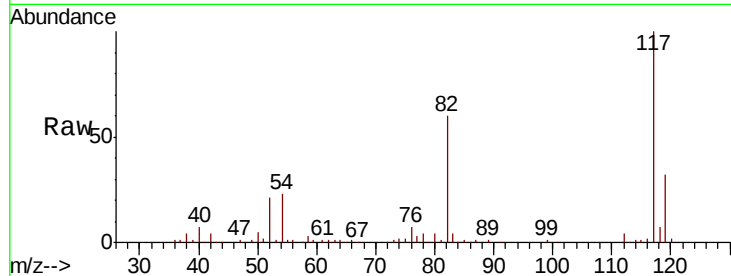
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampleId :
VN0702MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	43.8	65.8
119	32.4	25.2	37.8

Manual Integrations
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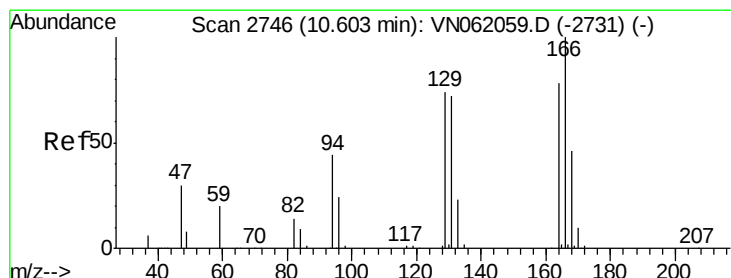
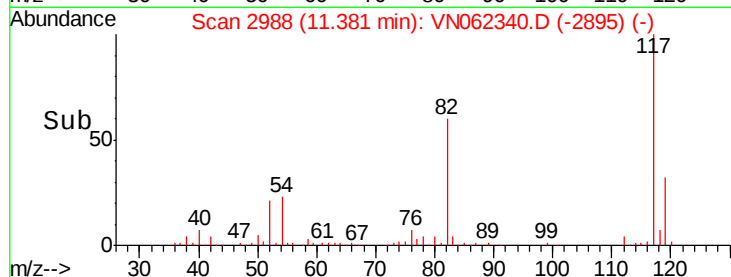
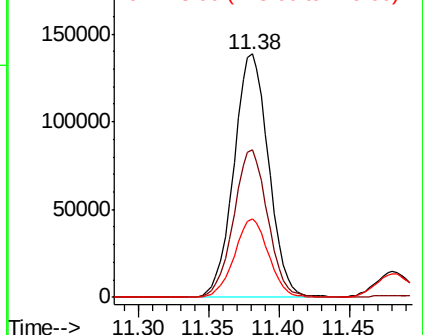


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 15.144 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	102.9	154.3
129	103.5	75.8	113.8
131	98.9	73.8	110.6

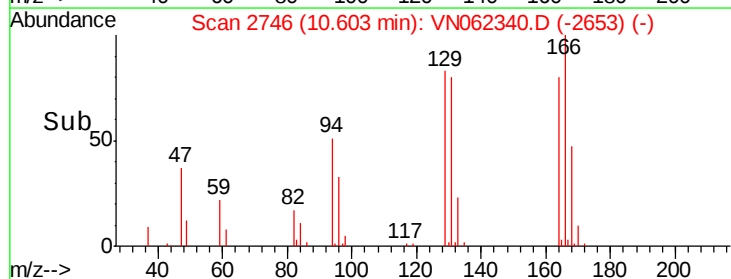
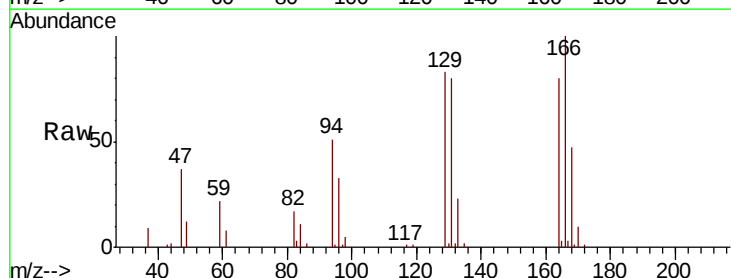
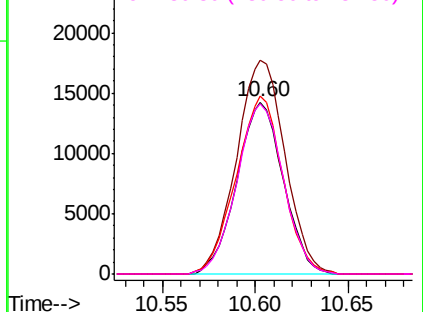
Abundance

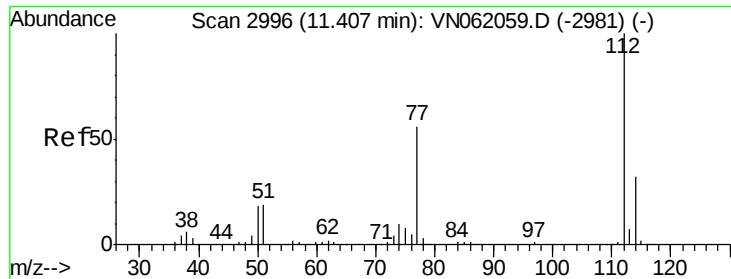
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





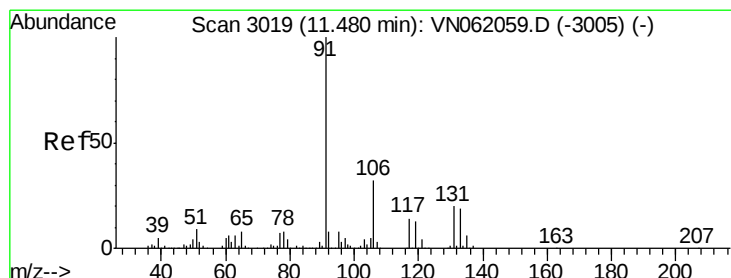
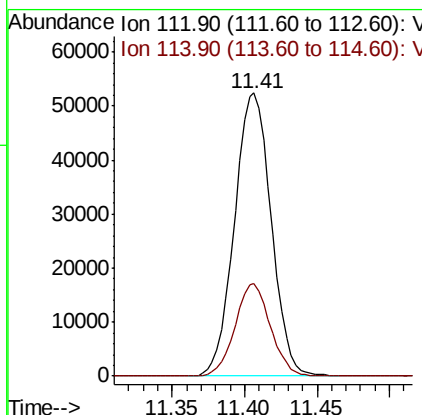
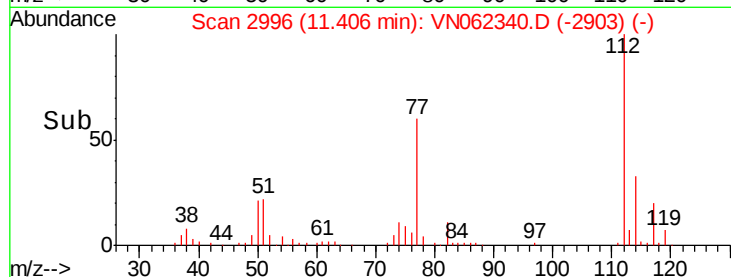
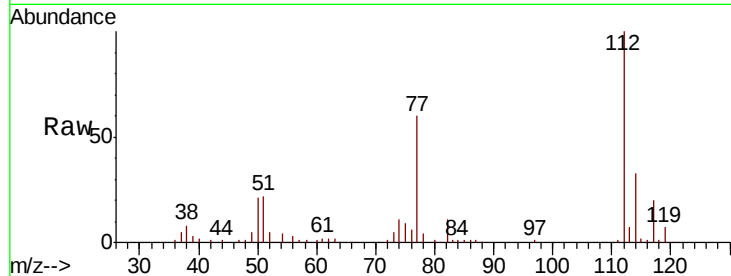
#65
Chlorobenzene
Concen: 17.511 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion:112 Resp: 92167
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8

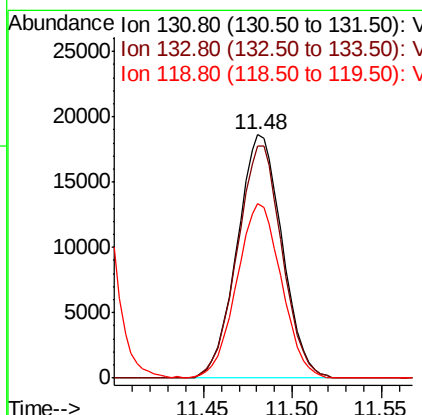
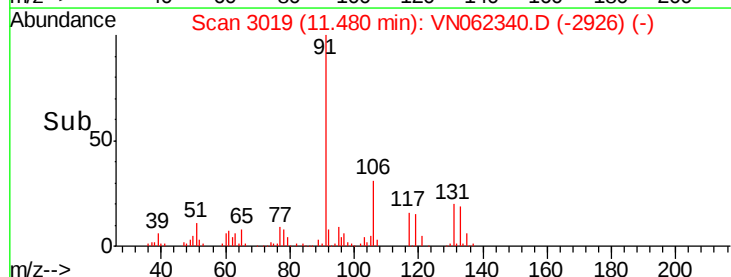
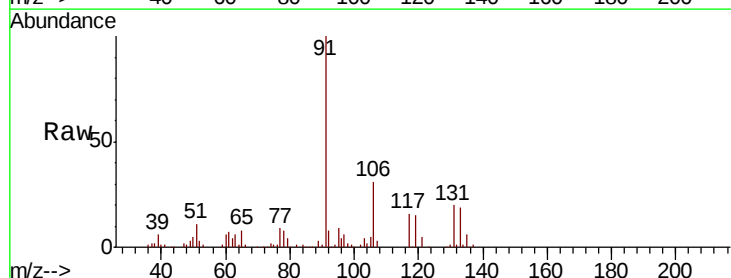
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.048 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion:131 Resp: 32849
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 71.3 34.4 103.3





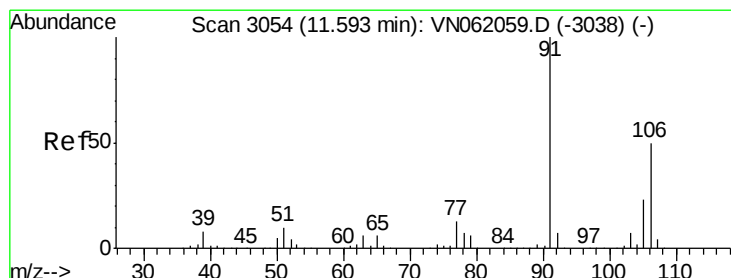
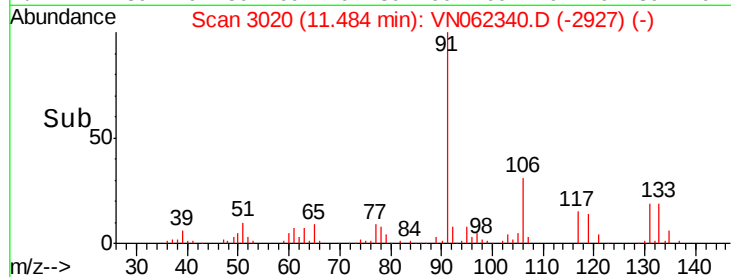
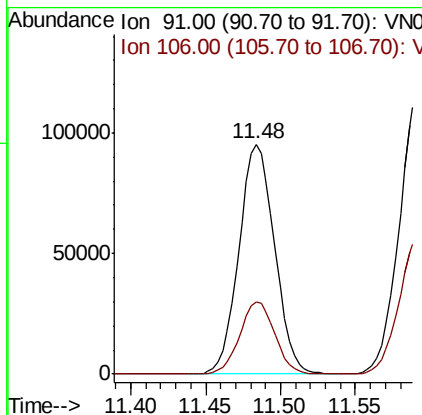
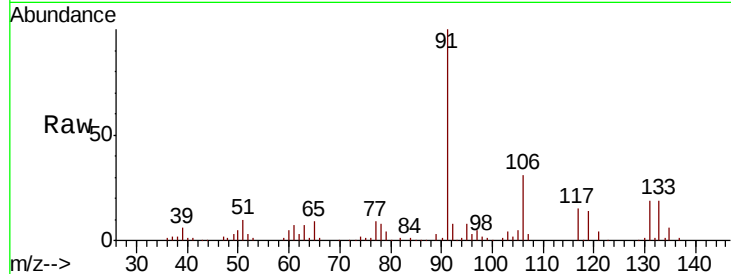
#67
Ethyl Benzene
Concen: 17.838 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion: 91 Resp: 158565
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9

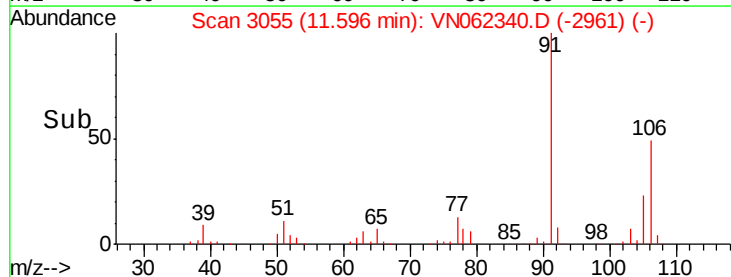
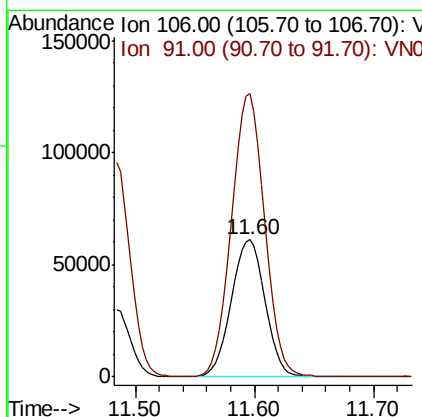
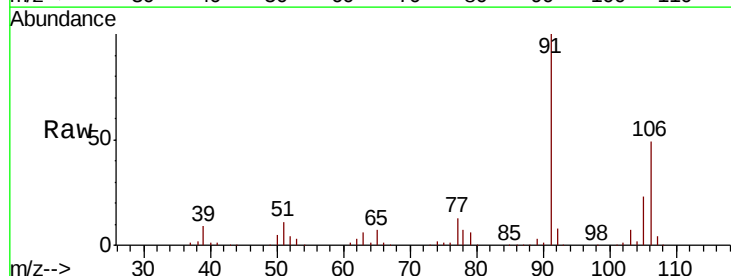
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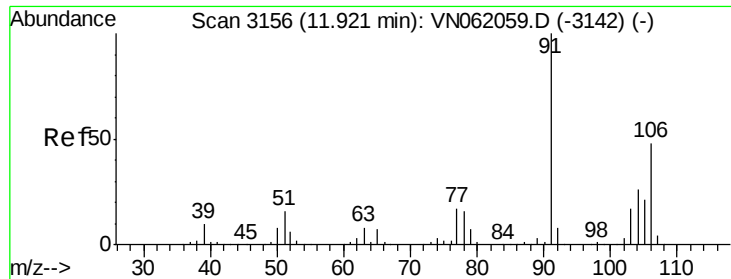
sam
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#68
m/p-Xylenes
Concen: 35.036 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 106 Resp: 120462
Ion Ratio Lower Upper
106 100
91 201.8 157.8 236.8





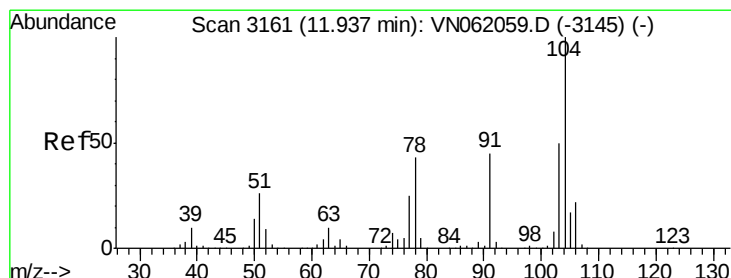
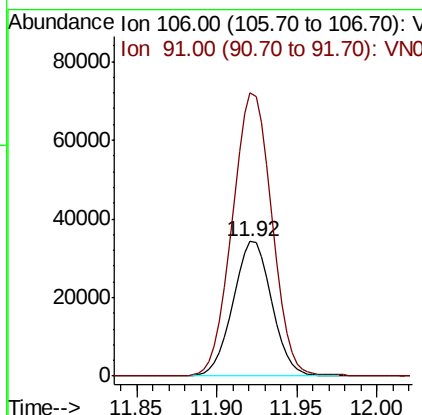
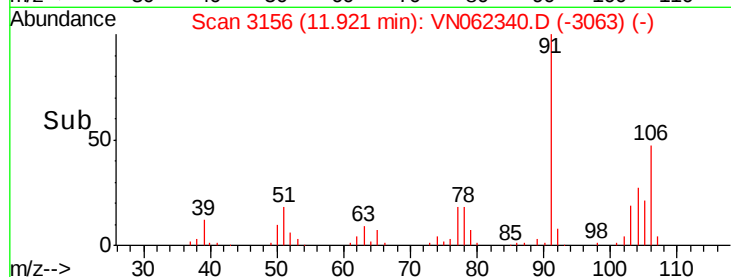
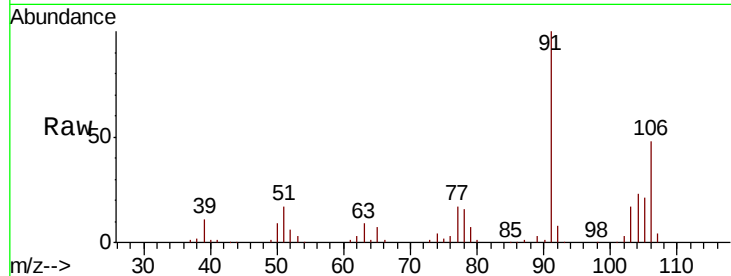
#69
o-Xylene
Concen: 17.435 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion:106 Resp: 56559
Ion Ratio Lower Upper
106 100
91 214.0 104.0 311.9

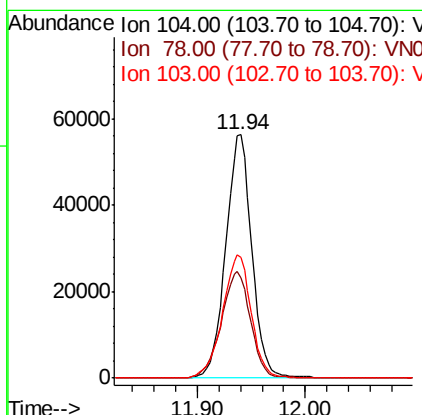
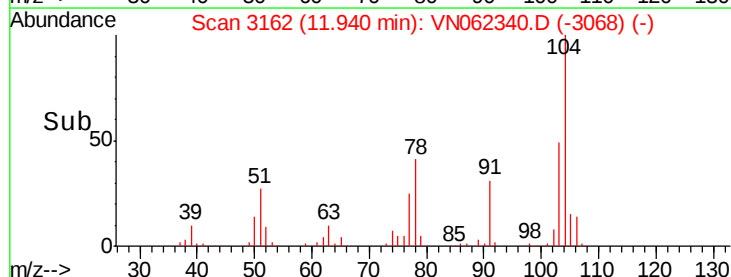
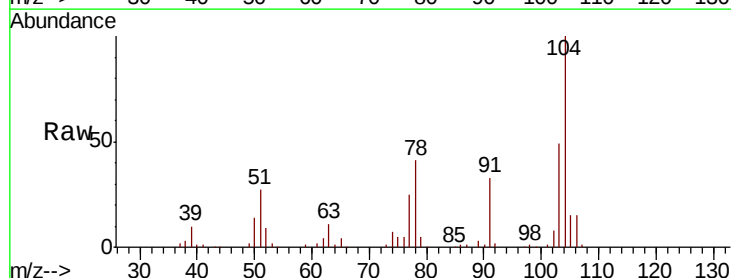
Manual Integrations
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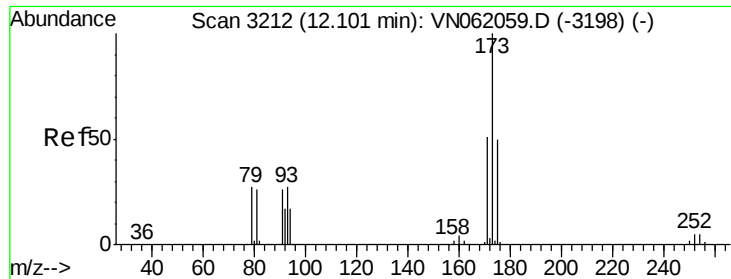
sam
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#70
Styrene
Concen: 17.566 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion:104 Resp: 95036
Ion Ratio Lower Upper
104 100
78 48.9 37.7 56.5
103 55.0 43.0 64.6





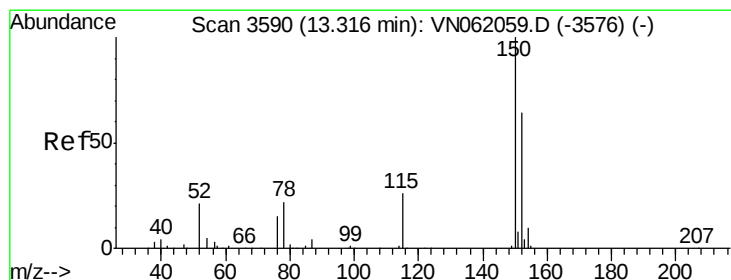
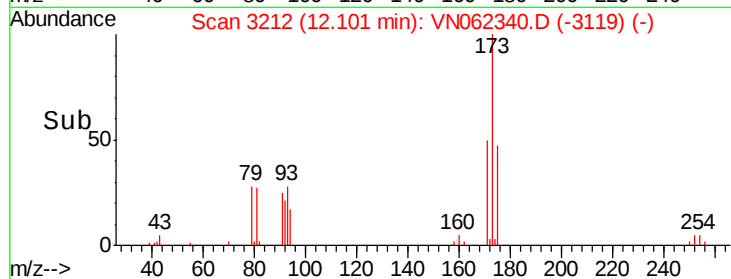
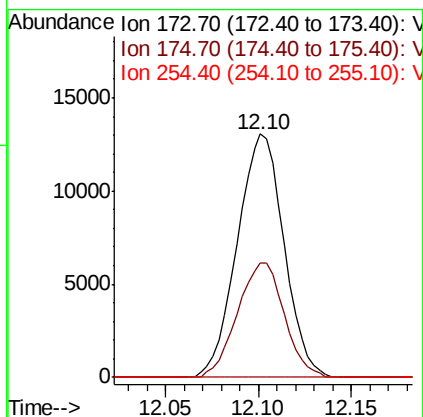
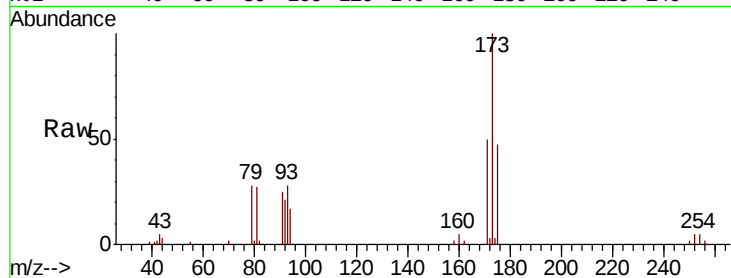
#71
Bromoform
Concen: 17.668 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampleId :
VN0702MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.7	74.1
254	0.0	0.0	0.0

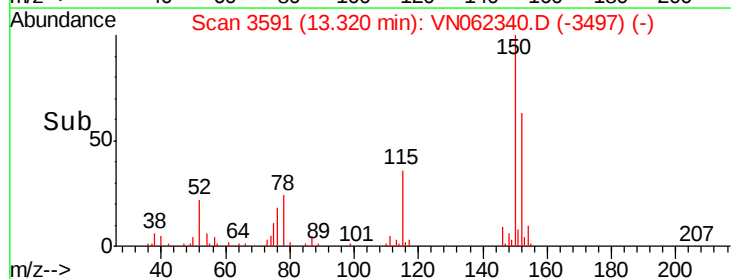
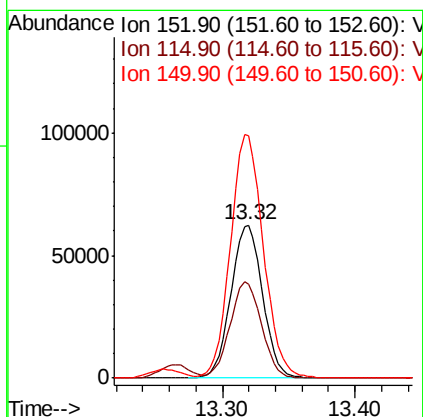
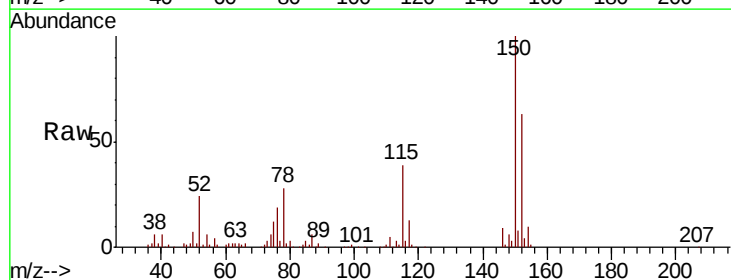
Manual Integrations
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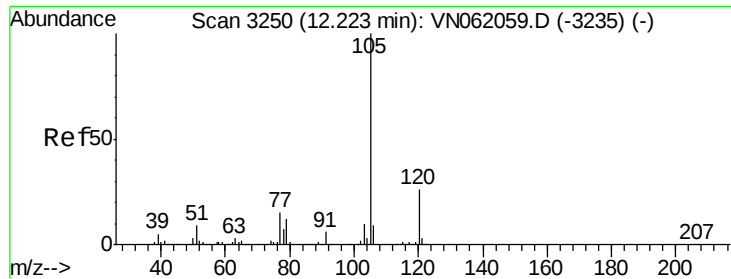
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	29.5	88.5
150	164.9	0.0	351.4





#73

Isopropylbenzene

Concen: 18.912 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

VN0702MBS01

Tot Ion: 105 Resp: 151497

Ion Ratio Lower Upper

105 100

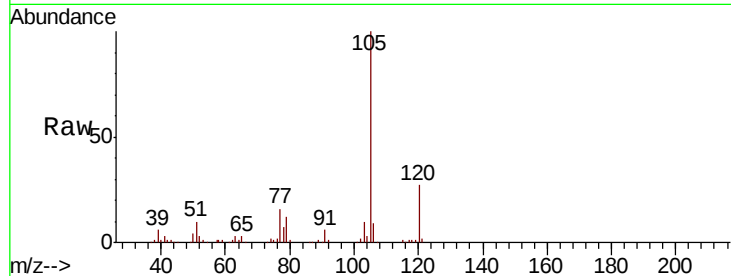
120 25.9 13.2 39.6

Manual Integrations

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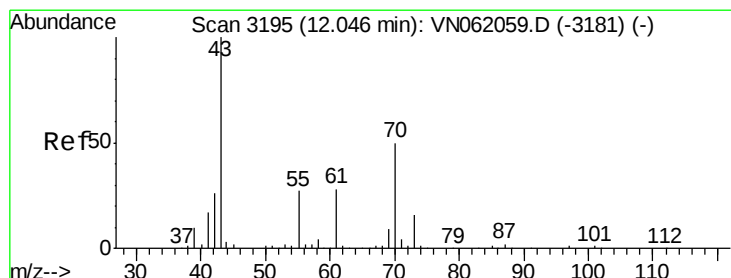
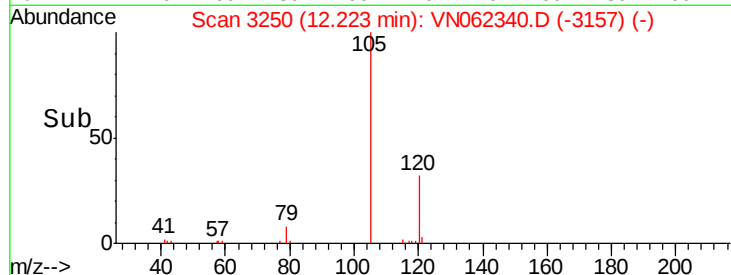
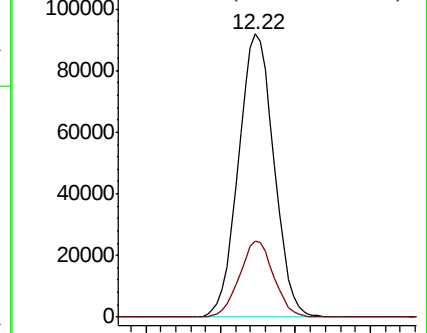
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.653 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion: 43 Resp: 57863

Ion Ratio Lower Upper

43 100

70 46.7 39.4 59.2

55 28.3 21.7 32.5

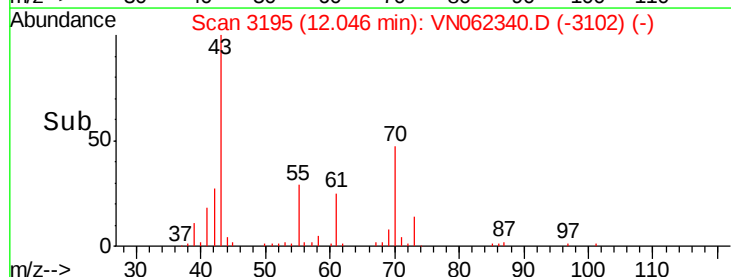
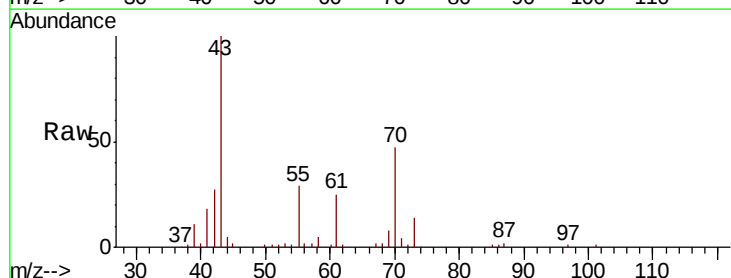
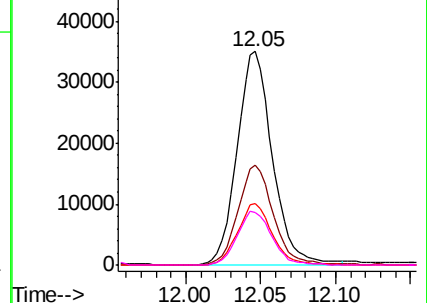
61 24.6 21.3 31.9

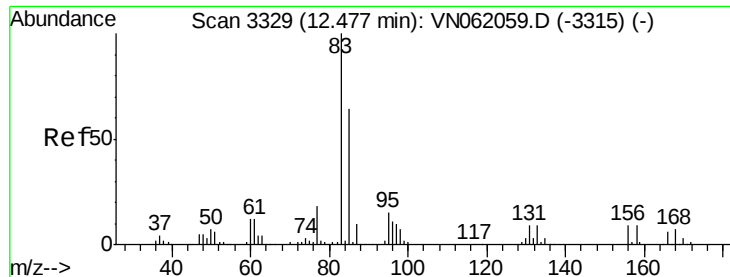
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.074 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

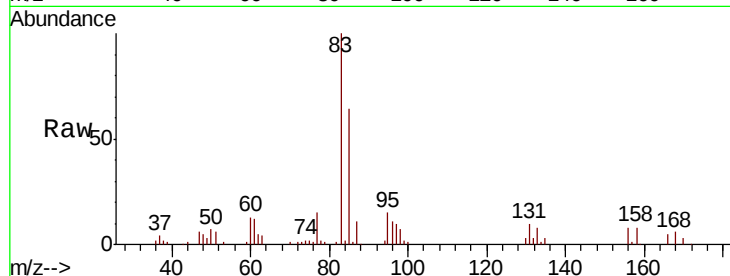
ClientSampled :

VN0702MBS01

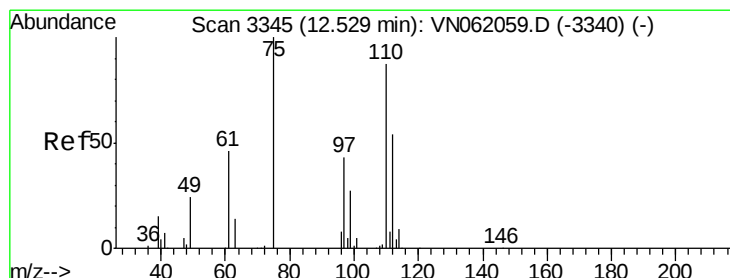
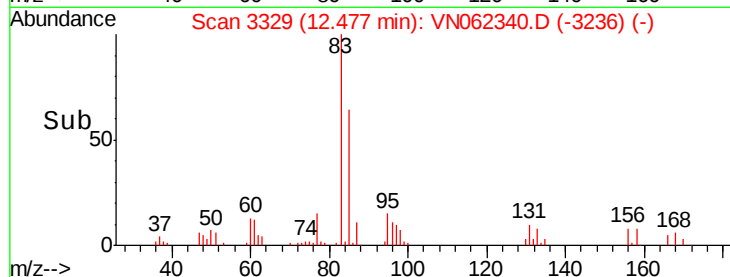
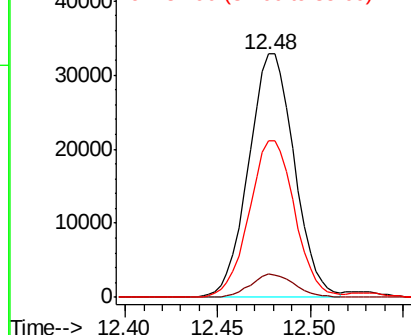
Tot Ion:	83	Resp:	56178
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.8	14.4
85	64.1	32.4	97.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 20.935 ug/l m

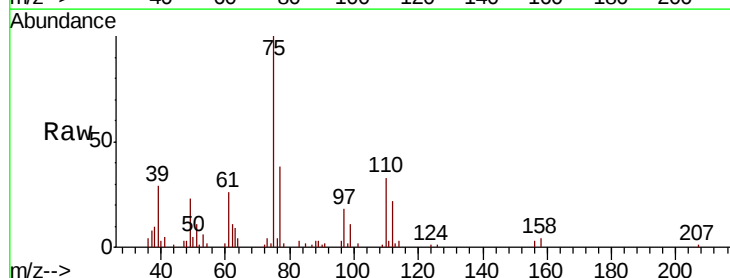
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

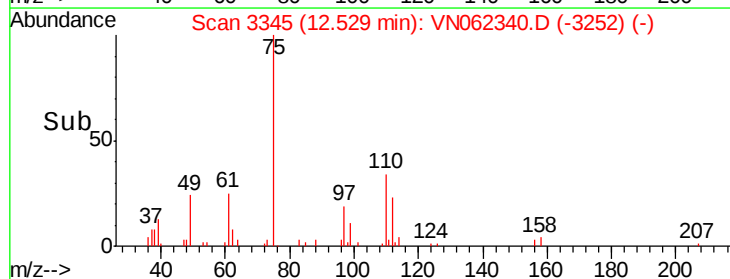
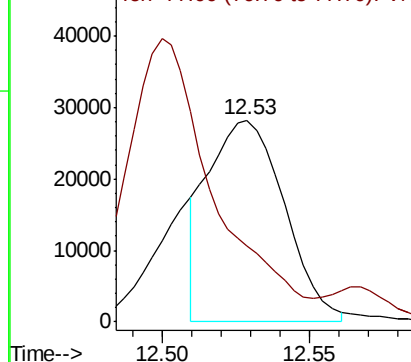
Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion:	75	Resp:	51002
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 17.664 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

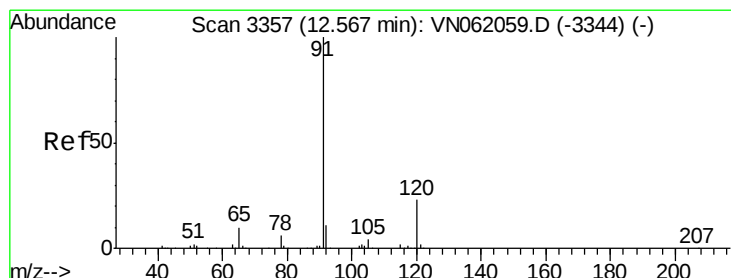
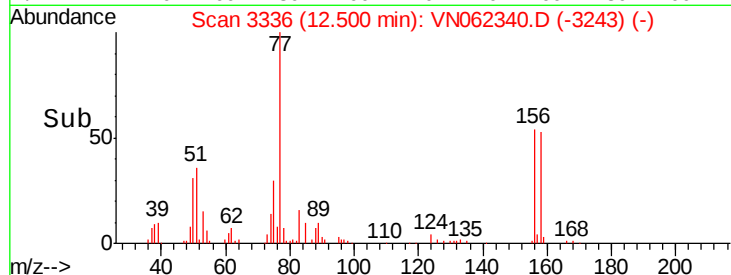
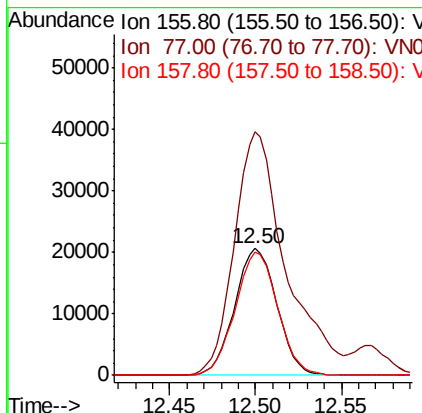
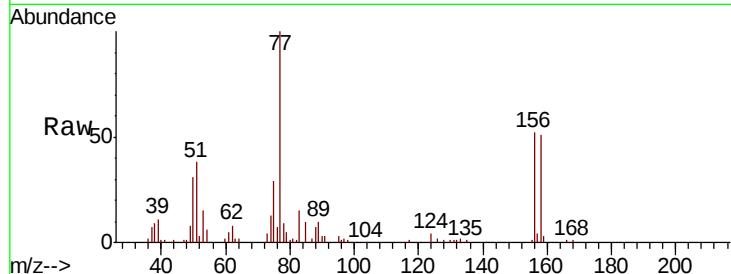
ClientSampled :

VN0702MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	234.5	104.6	313.8
158	97.6	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 18.907 ug/l

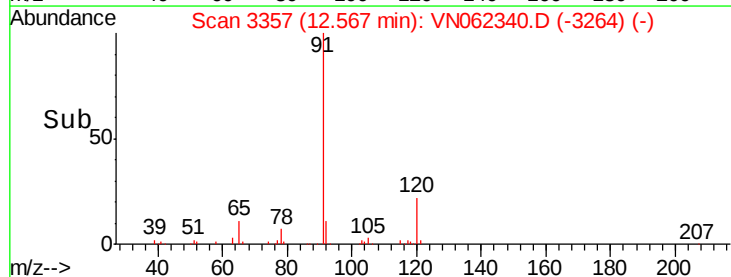
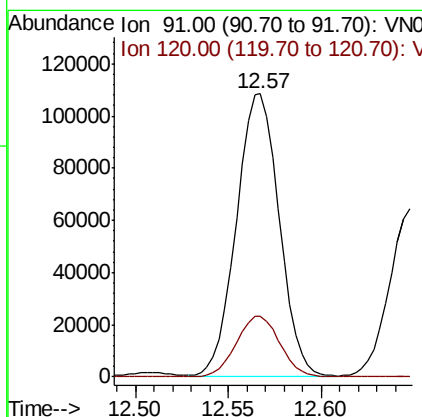
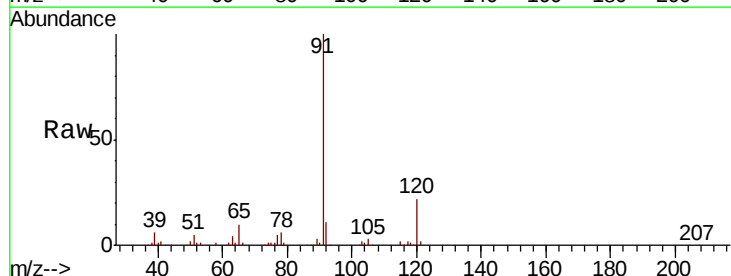
RT: 12.57 min Scan# 3357

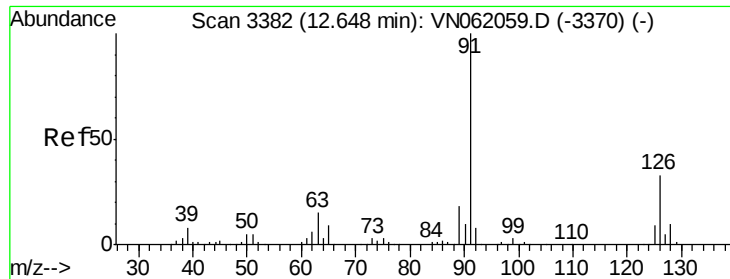
Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.4	34.1





#79

2-Chlorotoluene

Concen: 19.321 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

VN0702MBS01

Tot Ion: 91 Resp: 107030

Ion Ratio Lower Upper

91 100

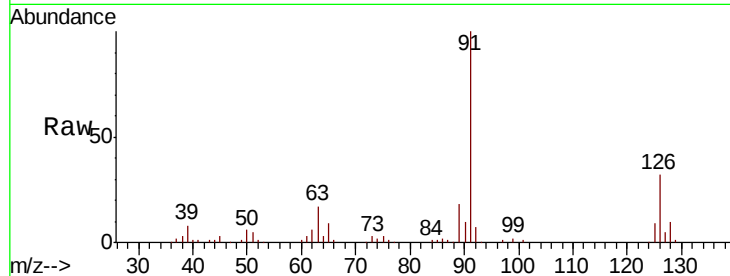
126 32.0 16.9 50.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN062340.D (-3389) (-)

Ion 125.90 (125.60 to 126.60): VN062340.D (-3389) (-)

100000

80000

60000

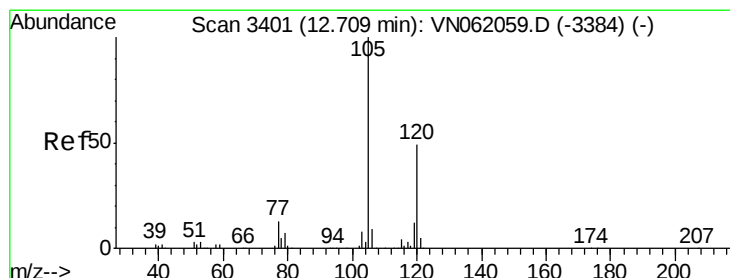
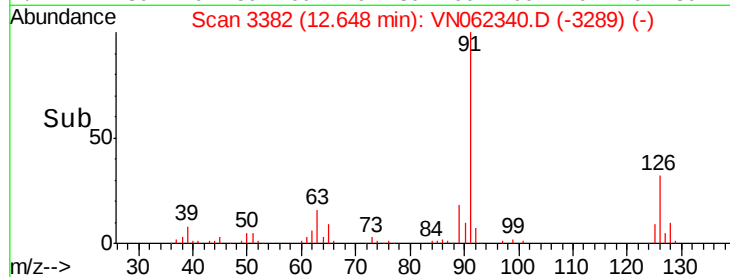
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.215 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062340.D

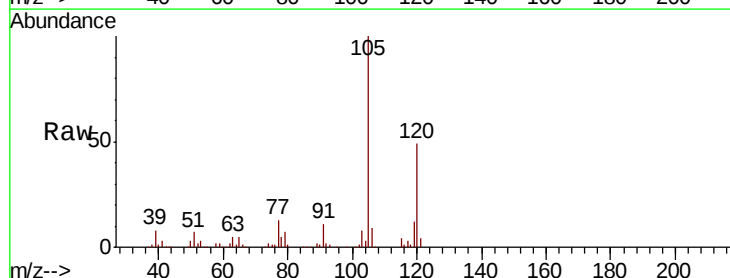
Acq: 2 Jul 2020 18:06

Tgt Ion: 105 Resp: 124781

Ion Ratio Lower Upper

105 100

120 47.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062340.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN062340.D (-3308) (-)

80000

60000

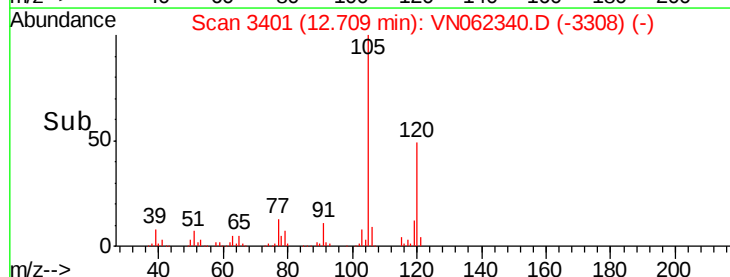
40000

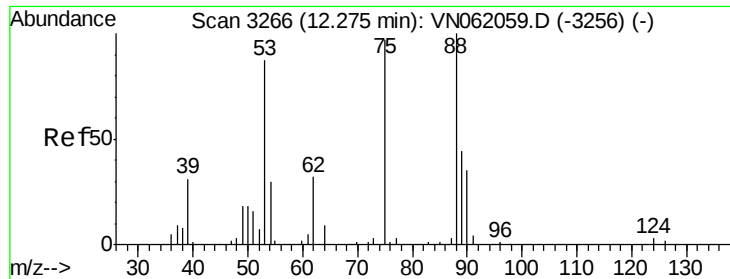
20000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.968 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

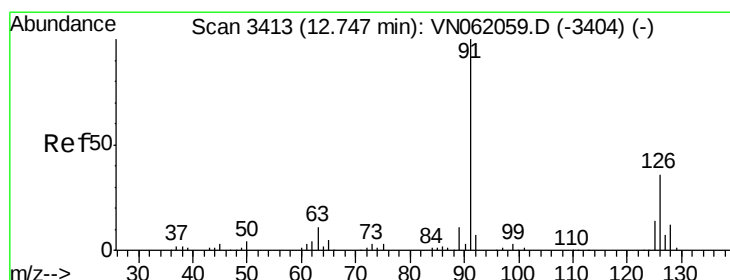
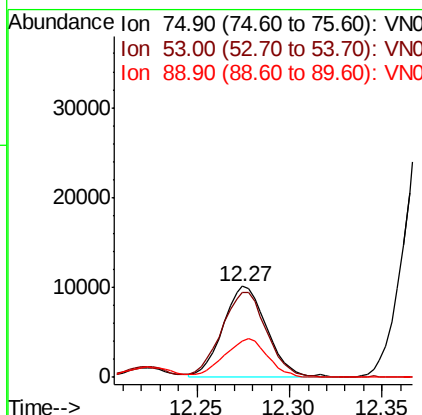
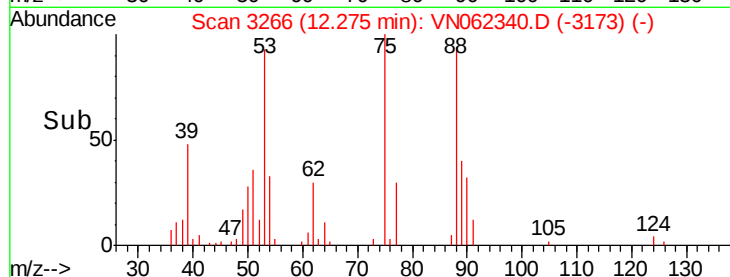
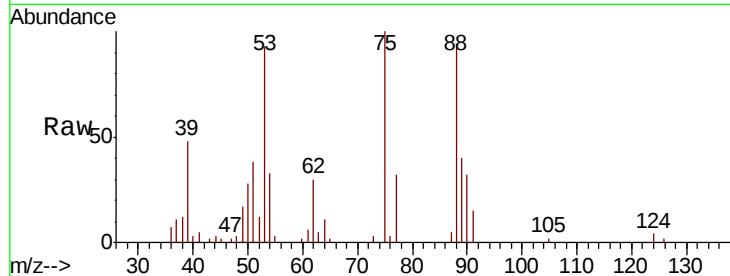
ClientSampled :

VN0702MBS01

Tot Ion:	75	Resp:	16657
Ion Ratio	Lower	Upper	
75	100		
53	96.1	72.0	108.0
89	41.8	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.217 ug/l

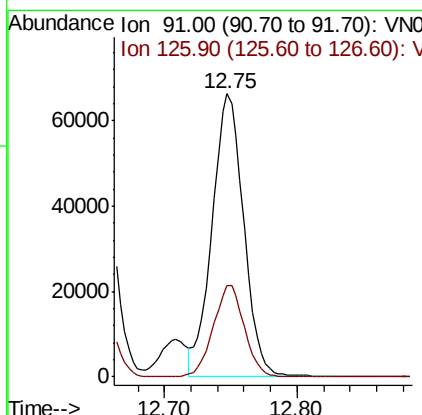
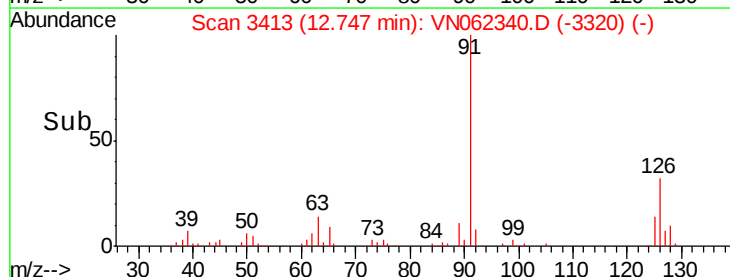
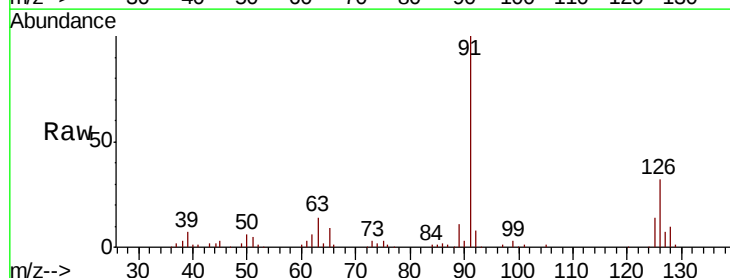
RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion:	91	Resp:	110086
Ion Ratio	Lower	Upper	
91	100		
126	31.6	16.7	50.1





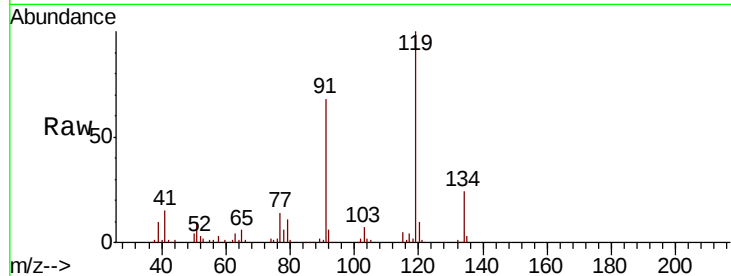
#83
tert-Butylbenzene
Concen: 18.345 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	101955		
91	66.5	31.7	95.1	
134	24.5	13.1	39.1	

Manual Integrations
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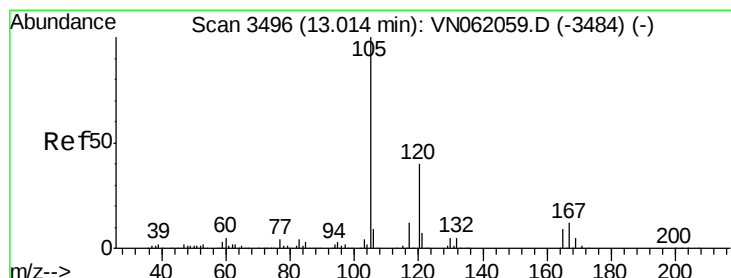
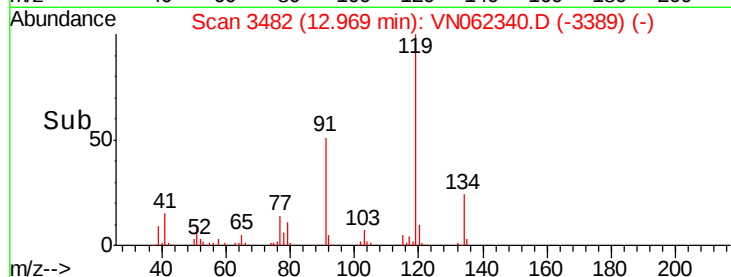
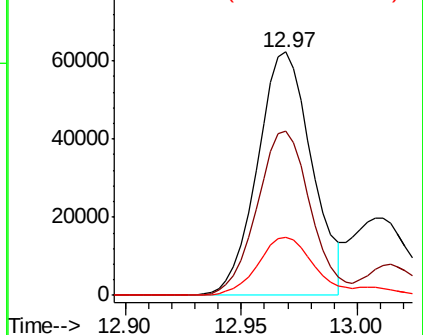


Abundance

Ion 119.00 (118.70 to 119.70): V

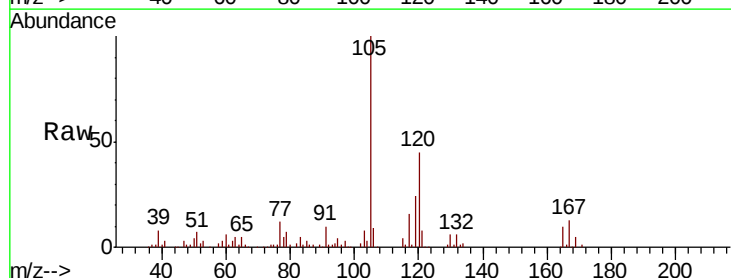
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 18.858 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

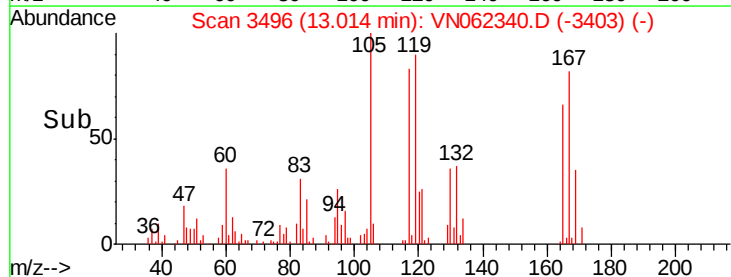
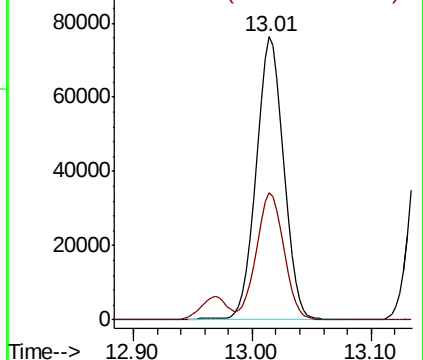
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	122311		
120	45.0	23.2	69.5	



Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.020 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

VN0702MBS01

Tot Ion:105 Resp: 139676

Ion Ratio Lower Upper

105 100

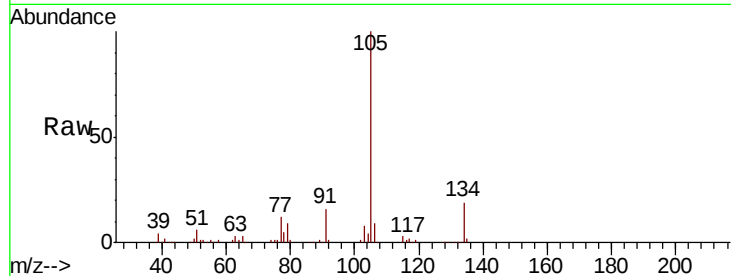
134 19.4 9.7 29.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

100000

80000

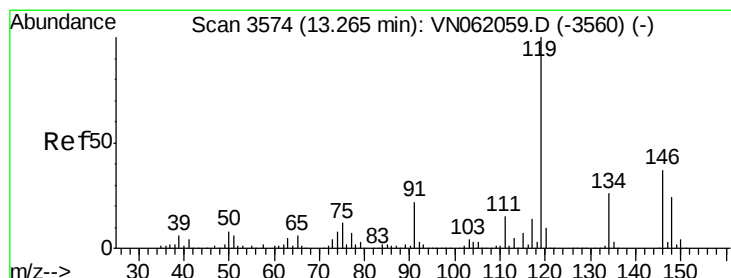
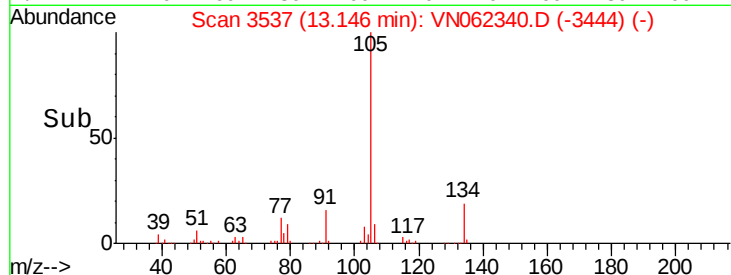
60000

40000

20000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.431 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

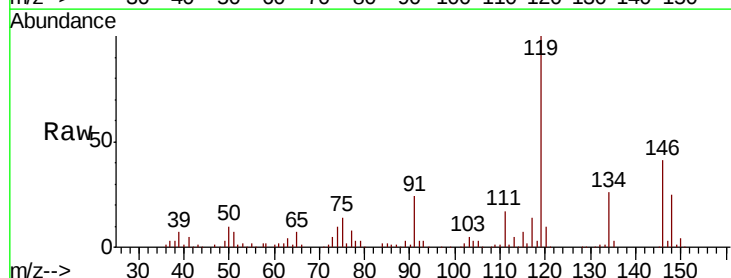
Tgt Ion:119 Resp: 118586

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 23.6 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

100000

80000

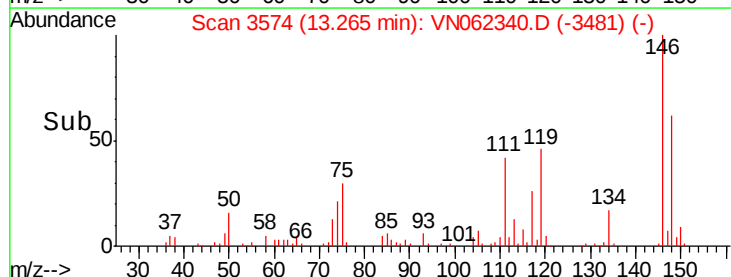
60000

40000

20000

0

Time-->





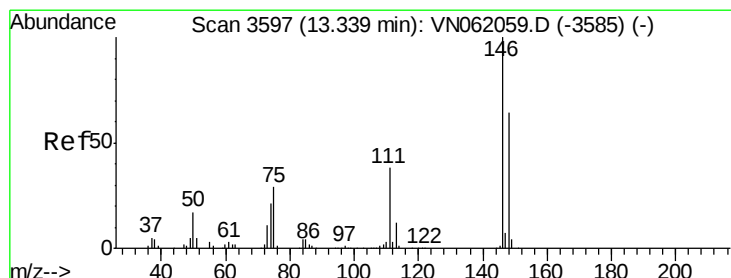
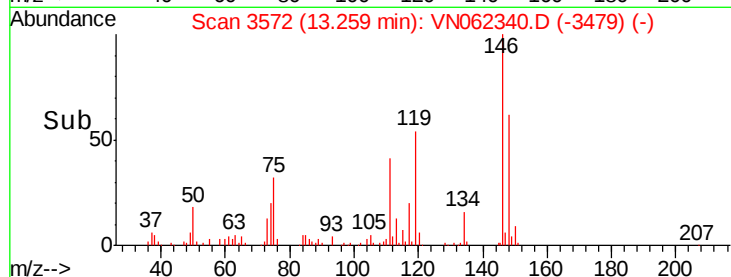
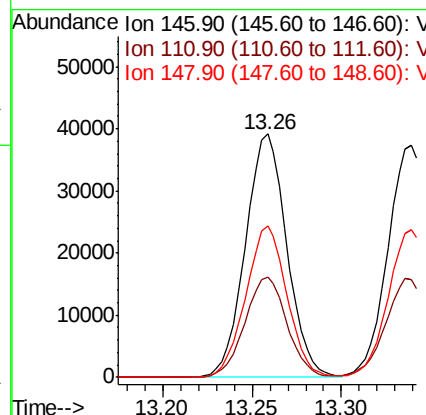
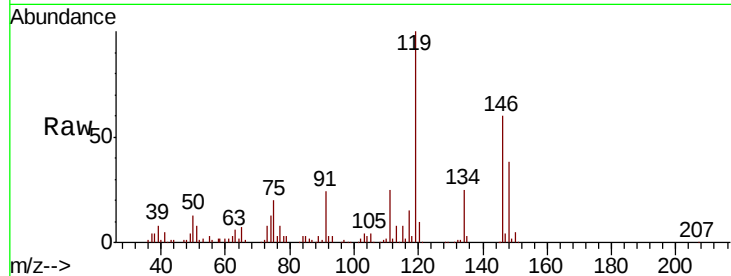
#87
 1,3-Dichlorobenzene
 Concen: 18.157 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampled :
 VN0702MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	61.0
148	61.9	31.8	95.3

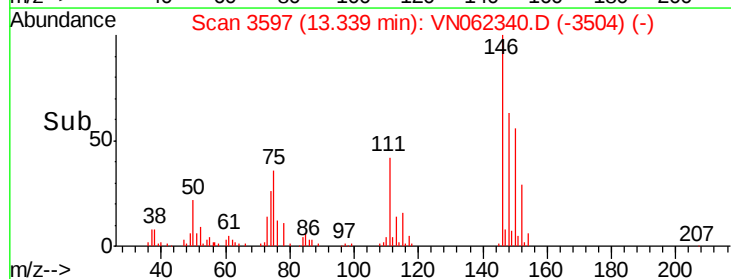
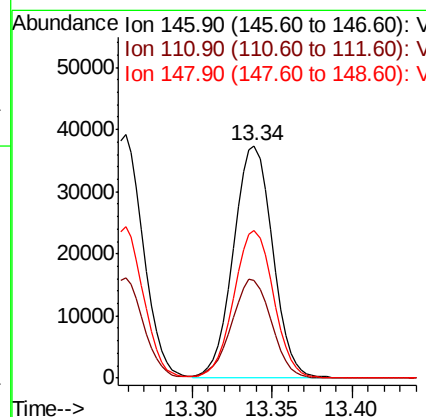
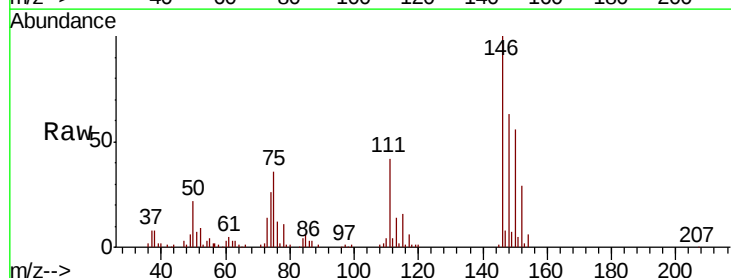
Manual Integrations
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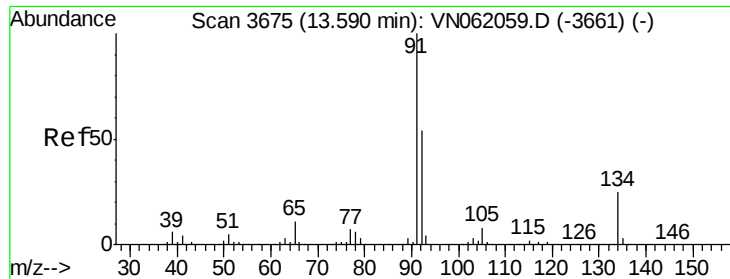
sam
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#88
 1,4-Dichlorobenzene
 Concen: 17.385 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	19.9	59.6
148	64.3	31.9	95.9





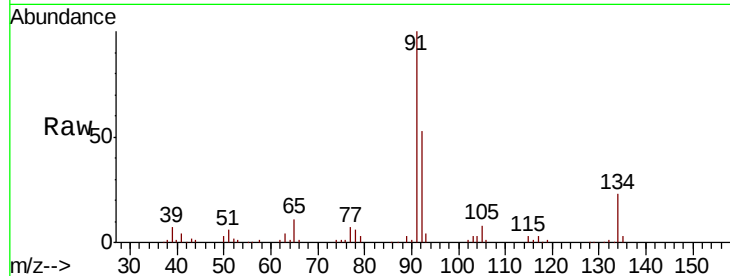
#89
n-Butylbenzene
Concen: 17.654 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :
VN0702MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.6	79.7
134	23.0	12.3	36.9

Manual Integrations
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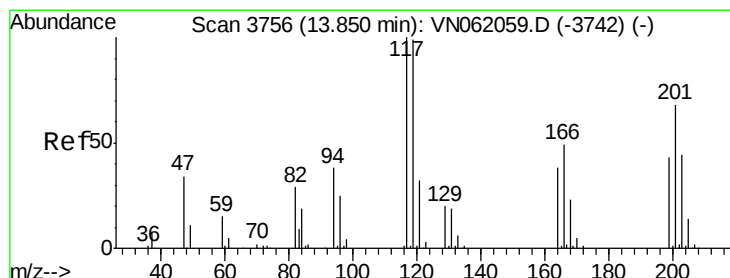
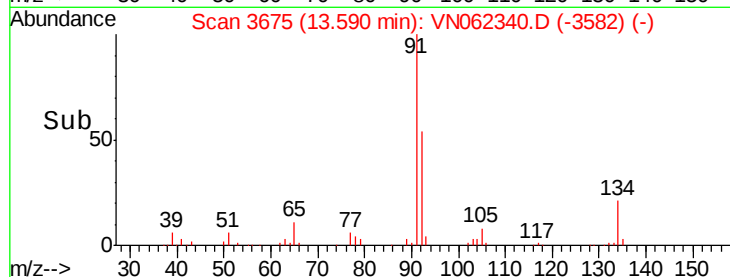
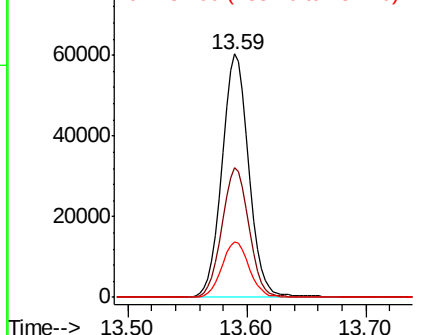


Abundance

Ion 91.00 (90.70 to 91.70): VN062340.D (-3582) (-)

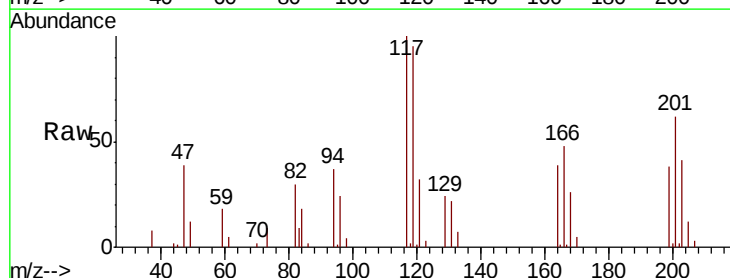
Ion 92.00 (91.70 to 92.70): VN062340.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062340.D (-3582) (-)



#90
Hexachloroethane
Concen: 18.863 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

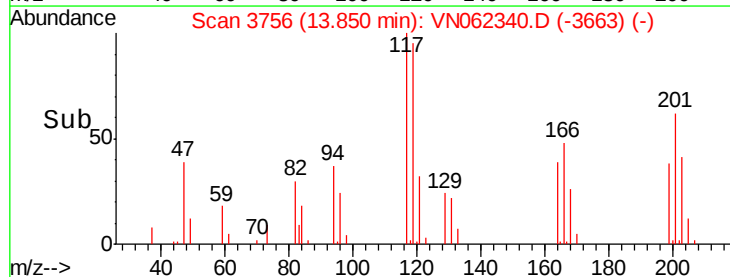
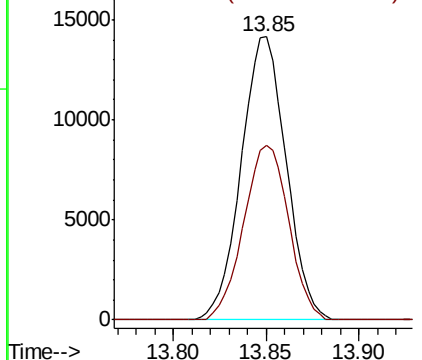
Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.6	32.7	98.1

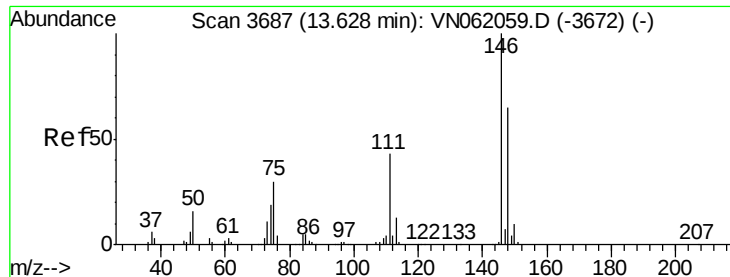


Abundance

Ion 116.80 (116.50 to 117.50): VN062340.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062340.D (-3663) (-)





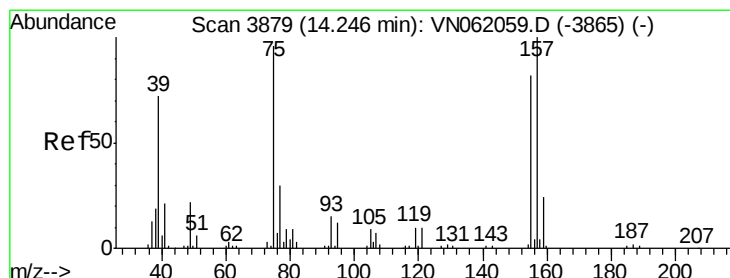
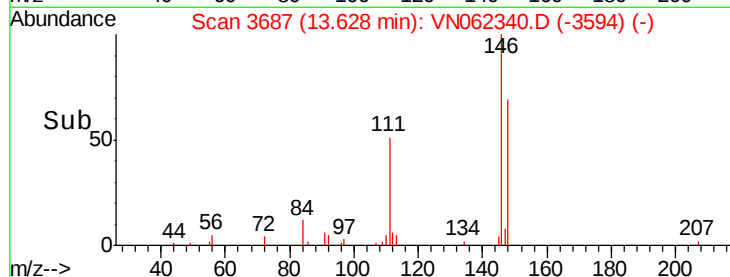
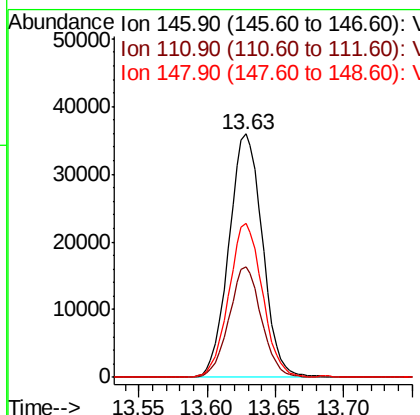
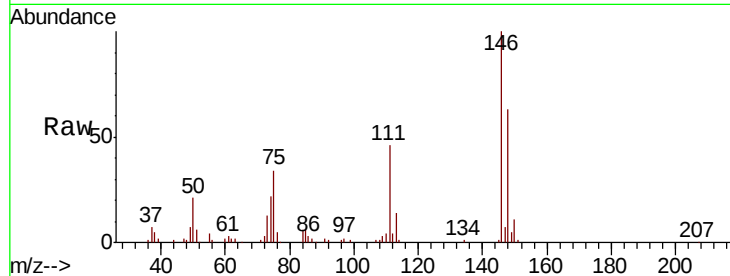
#91
 1,2-Dichlorobenzene
 Concen: 18.182 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampled :
 VN0702MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.2	63.6
148	63.1	31.9	95.5

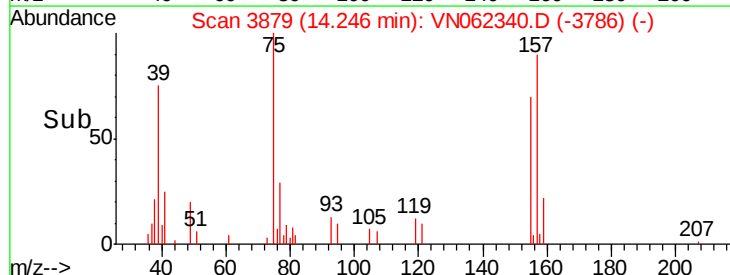
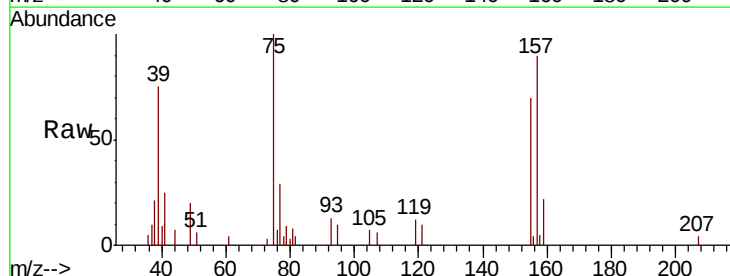
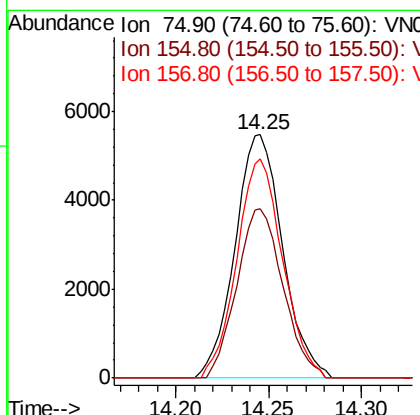
Manual Integrations
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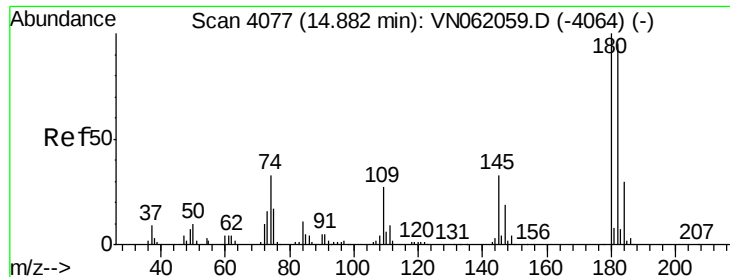
sam
 7/6/2020 11:34:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.869 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.5	40.8	122.4
157	86.4	51.4	154.3





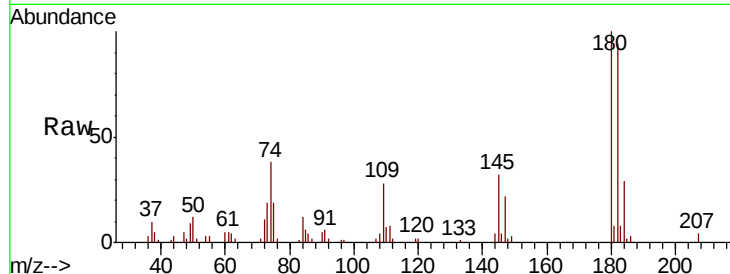
#93
 1,2,4-Trichlorobenzene
 Concen: 16.222 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702MBS01

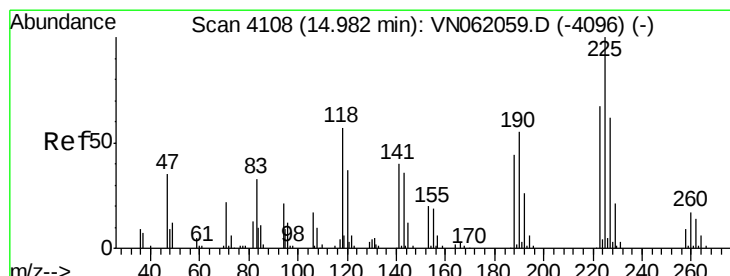
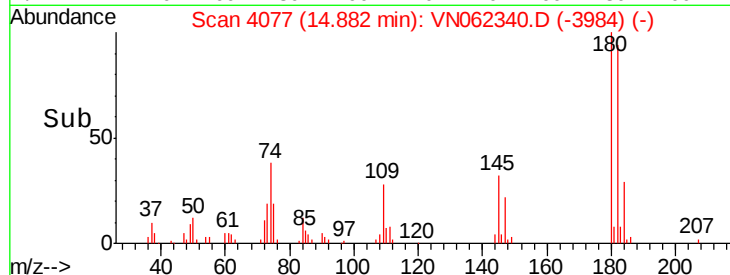
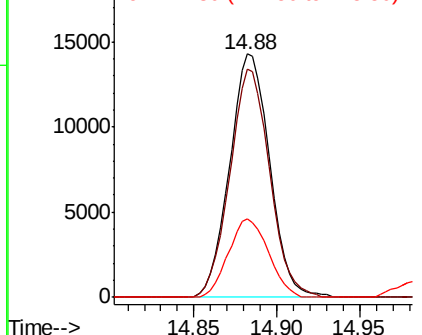
Tot Ion:	180	Resp:	24000
Ion Ratio	Lower	Upper	
180	100		
182	93.1	48.0	144.2
145	32.1	16.0	48.0

Manual Integrations
 APPROVED

sam
 7/6/2020 11:34:11 AM

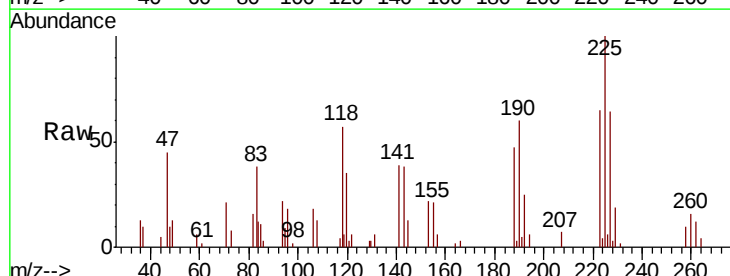


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

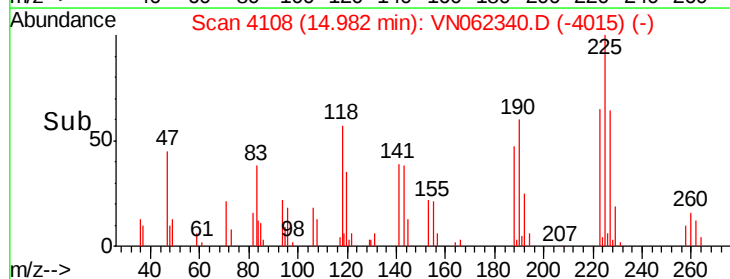
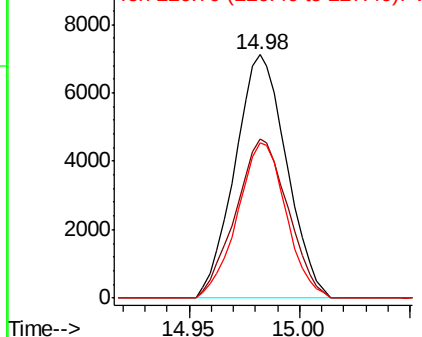


#94
 Hexachlorobutadiene
 Concen: 18.017 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion:	225	Resp:	11577
Ion Ratio	Lower	Upper	
225	100		
223	65.8	32.9	98.7
227	60.1	31.3	93.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.069 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

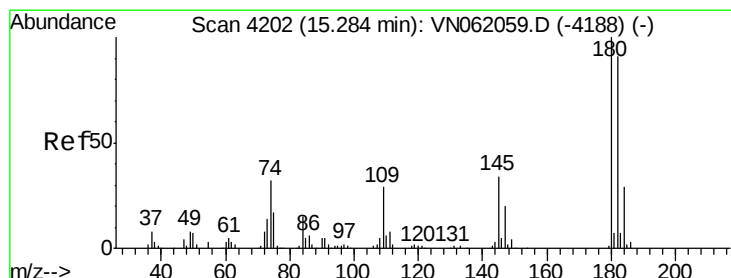
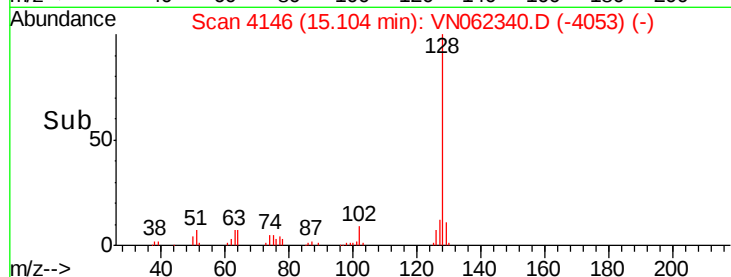
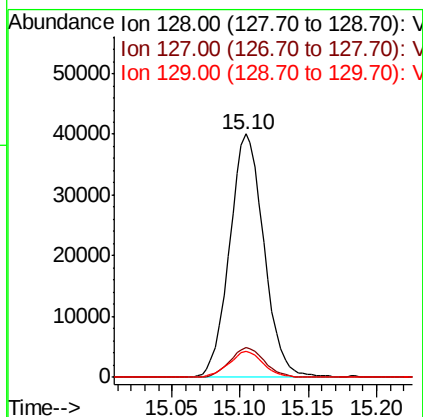
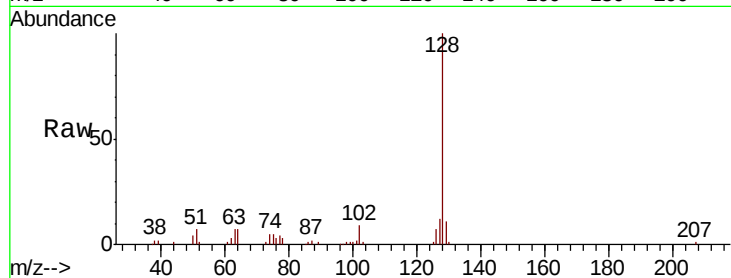
ClientSampled :

VN0702MBS01

Tot Ion:	128	Resp:	70094
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	10.6	8.6	13.0

Manual Integrations
APPROVED

sam
7/6/2020 11:34:11 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.643 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion:	180	Resp:	25176
Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.8	140.4
145	33.7	16.4	49.2

