

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062280.D
 Acq On : 1 Jul 2020 8:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 11:04:01 AM

Quant Time: Jul 01 10:00:13 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	207310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	373765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	162468	55.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.70%	
35) Dibromofluoromethane	7.55	113	124459	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	10.06	98	500888	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.38	95	170431	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	106365	45.392	ug/l	99
3) Chloromethane	2.03	50	145992	53.001	ug/l	96
4) Vinyl Chloride	2.16	62	174440	47.271	ug/l	100
5) Bromomethane	2.52	94	103872	43.553	ug/l	97
6) Chloroethane	2.66	64	120581	47.834	ug/l	100
7) Trichlorofluoromethane	2.98	101	209956	46.174	ug/l	99
8) Diethyl Ether	3.37	74	86637	54.565	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	114096	47.916	ug/l	98
10) Methyl Iodide	3.91	142	141446	52.745	ug/l	100
11) Tert butyl alcohol	4.73	59	125113	299.525	ug/l	100
12) 1,1-Dichloroethene	3.69	96	121192	50.912	ug/l	97
13) Acrolein	3.56	56	120520	294.700	ug/l	98
14) Allyl chloride	4.27	41	177135	54.656	ug/l	98
15) Acrylonitrile	4.93	53	349339	306.906	ug/l	100
16) Acetone	3.77	43	273563	300.391	ug/l	98
17) Carbon Disulfide	4.00	76	333477	48.911	ug/l	99
18) Methyl Acetate	4.28	43	143991	62.262	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	431358	56.710	ug/l	99
20) Methylene Chloride	4.50	84	151100	56.606	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	132637	48.912	ug/l	93
22) Diisopropyl ether	5.90	45	433331	58.723	ug/l	98
23) Vinyl Acetate	5.84	43	1804305	299.483	ug/l	98
24) 1,1-Dichloroethane	5.80	63	258026	54.301	ug/l	98
25) 2-Butanone	6.79	43	437067	307.359	ug/l	97
26) 2,2-Dichloropropane	6.77	77	133994	33.839	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	157124	51.492	ug/l	100
28) Bromochloromethane	7.15	49	115239	55.895	ug/l	90
29) Tetrahydrofuran	7.17	42	294063	315.694	ug/l	97
30) Chloroform	7.33	83	258363	53.440	ug/l	98
31) Cyclohexane	7.61	56	208220	51.804	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	212217	52.050	ug/l	98
36) 1,1-Dichloropropene	7.75	75	191495	47.036	ug/l	97
37) Ethyl Acetate	6.88	43	185960	55.161	ug/l	98
38) Carbon Tetrachloride	7.73	117	174697	45.514	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	208659	46.776	ug/l	99
40) Benzene	8.00	78	592898	47.780	ug/l	99
41) Methacrylonitrile	7.12	41	80383	51.432	ug/l	99
42) 1,2-Dichloroethane	8.09	62	206637	49.287	ug/l	99
43) Isopropyl Acetate	8.13	43	300567	54.692	ug/l	98
44) Trichloroethene	8.80	130	137195	43.829	ug/l	96
45) 1,2-Dichloropropane	9.08	63	157289	51.379	ug/l	98
46) Dibromomethane	9.18	93	101269	48.790	ug/l	95
47) Bromodichloromethane	9.37	83	211368	50.434	ug/l	99
48) Methyl methacrylate	9.17	41	139757	56.717	ug/l	96
49) 1,4-Dioxane	9.17	88	56610	1035.976	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	941388	293.189	ug/l	98
52) Toluene	10.12	92	370396	48.921	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	221447	48.028	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	237856	48.454	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	152126	51.113	ug/l	99
56) Ethyl methacrylate	10.40	69	223014	56.148	ug/l	97
57) 1,3-Dichloropropane	10.68	76	260343	50.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	445267	262.450	ug/l	97
59) 2-Hexanone	10.72	43	698271	301.166	ug/l	98
60) Dibromochloromethane	10.87	129	153812	48.814	ug/l	98
61) 1,2-Dibromoethane	10.98	107	149698	48.951	ug/l	99
64) Tetrachloroethene	10.60	164	106770	41.819	ug/l	98
65) Chlorobenzene	11.41	112	388261	47.303	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	140310	49.436	ug/l	99
67) Ethyl Benzene	11.48	91	703750	50.768	ug/l	98
68) m/p-Xylenes	11.59	106	529359	98.730	ug/l	97
69) o-Xylene	11.92	106	257524	50.906	ug/l	98
70) Styrene	11.94	104	439412	52.083	ug/l	98
71) Bromoform	12.10	173	100388	49.747	ug/l #	99
73) Isopropylbenzene	12.22	105	673295	49.279	ug/l	99
74) N-amyl acetate	12.05	43	273301	54.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	233730	51.407	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	194371m	46.779	ug/l	
77) Bromobenzene	12.50	156	153690	45.309	ug/l	89
78) n-propylbenzene	12.57	91	788049	50.425	ug/l	98
79) 2-Chlorotoluene	12.65	91	473131	50.077	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	569303	51.401	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	68319	48.018	ug/l	96
82) 4-Chlorotoluene	12.75	91	490102	50.163	ug/l	97
83) tert-Butylbenzene	12.97	119	467407	49.311	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	574391	51.925	ug/l	98
85) sec-Butylbenzene	13.15	105	657477	52.493	ug/l	99
86) p-Isopropyltoluene	13.26	119	564806	51.471	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	285629	47.953	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	282542	46.017	ug/l	99
89) n-Butylbenzene	13.59	91	470783	51.604	ug/l	99
90) Hexachloroethane	13.85	117	109746	50.974	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	277795	48.095	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	40751	55.950	ug/l	94

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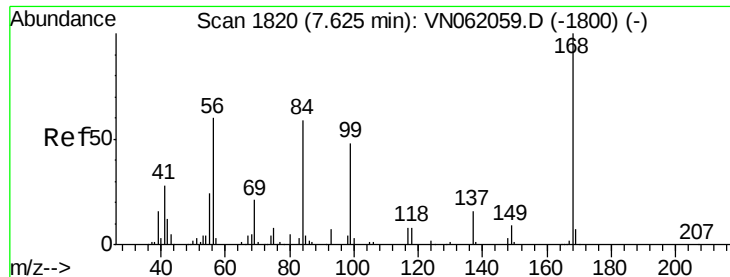
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	117690	46.642	ug/l	99
94) Hexachlorobutadiene	14.99	225	51152	46.675	ug/l	100
95) Naphthalene	15.10	128	364024	43.807	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	123987	48.056	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: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 207310

Ion Ratio Lower Upper

168 100

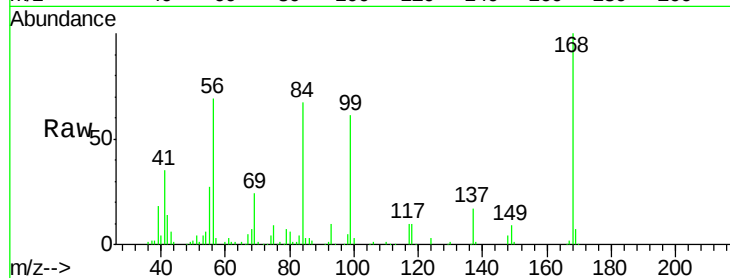
99 61.2 45.8 68.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

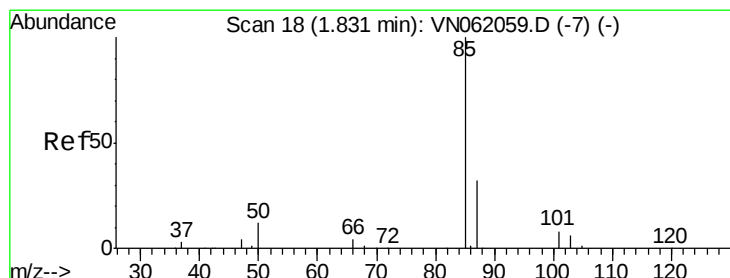
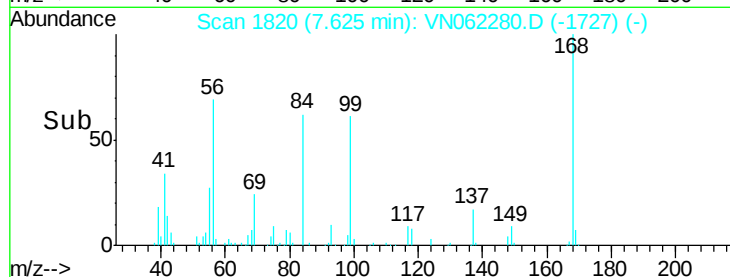
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.392 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062280.D

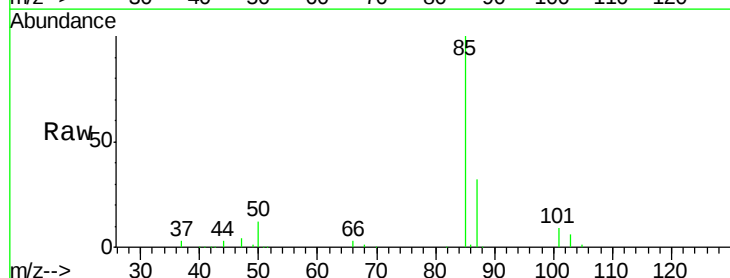
Acq: 1 Jul 2020 8:44

Tgt Ion: 85 Resp: 106365

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

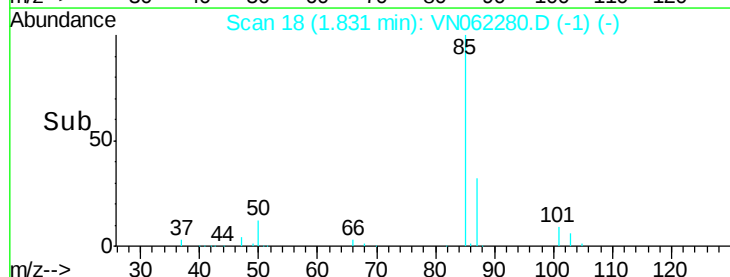
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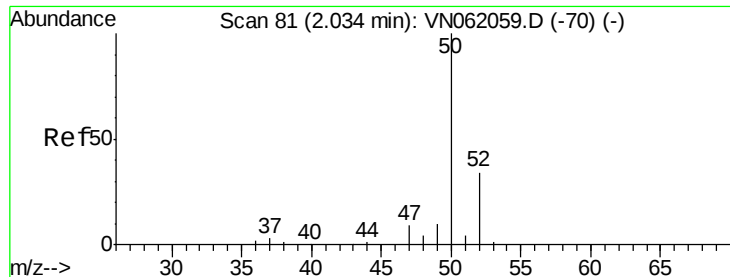
40000

20000

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Time-->





#3

Chloromethane

Concen: 53.001 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Tot Ion: 50 Resp: 145992

Ion Ratio Lower Upper

50 100

52 31.7 27.0 40.6

Instrument :

MSVOA_N

ClientSampleId :

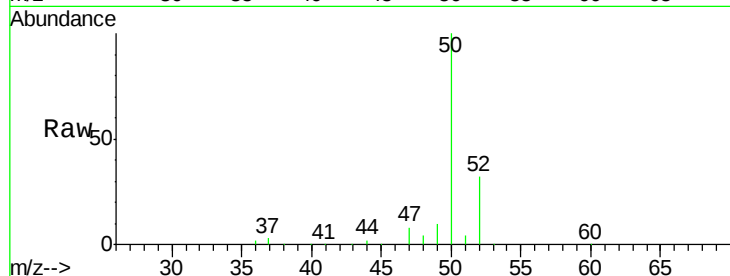
VSTDCCC050EC

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

100000

80000

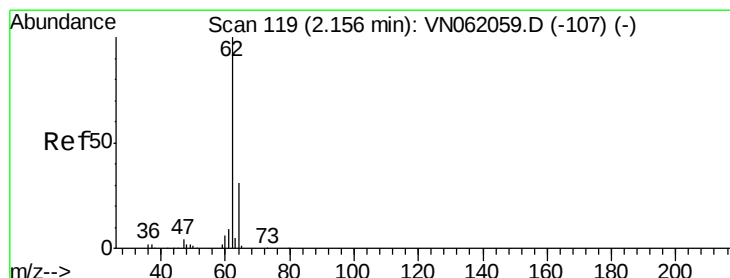
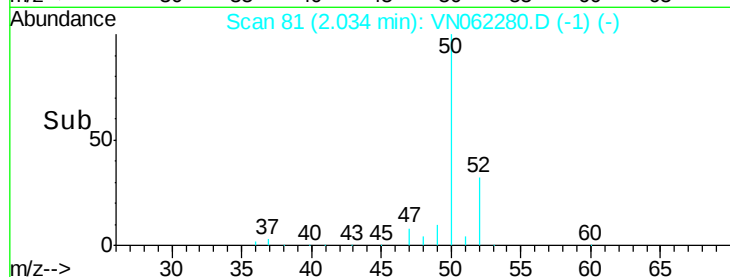
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 47.271 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062280.D

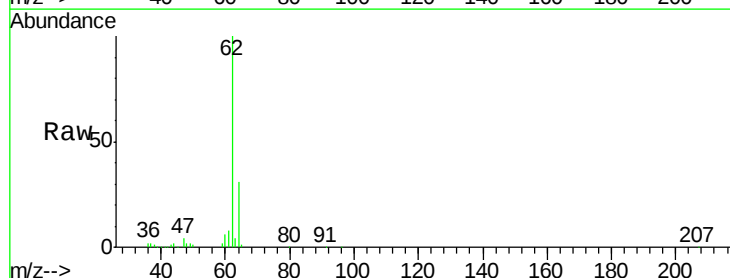
Acq: 1 Jul 2020 8:44

Tgt Ion: 62 Resp: 174440

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

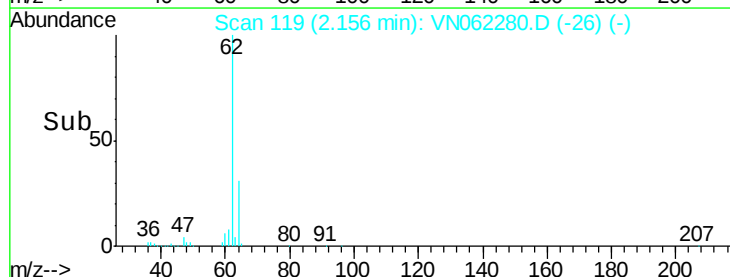
2.16

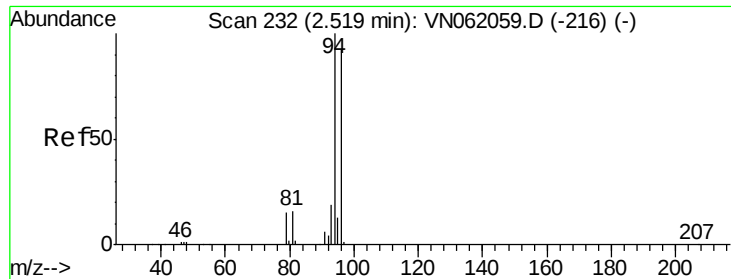
100000

50000

0

Time-->





#5

Bromomethane

Concen: 43.553 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 103872

Ion Ratio Lower Upper

94 100

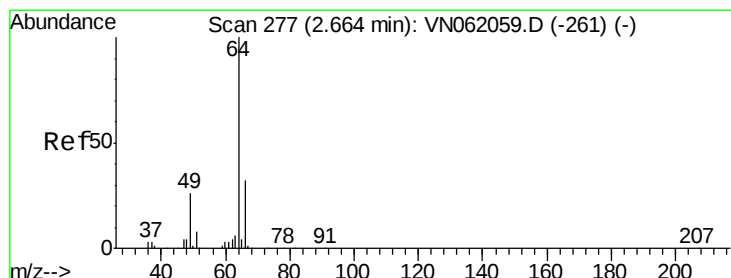
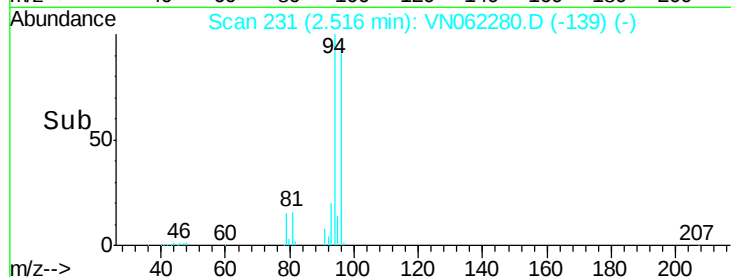
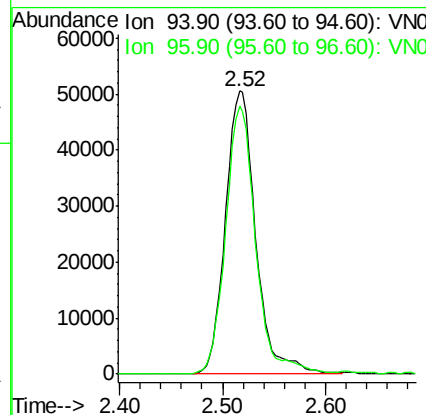
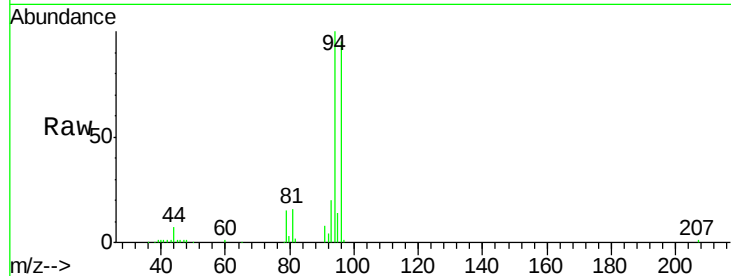
96 94.3 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 47.834 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062280.D

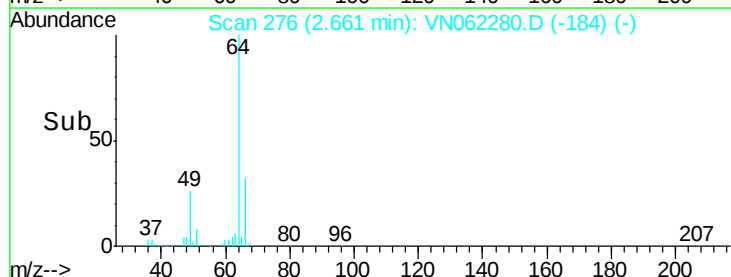
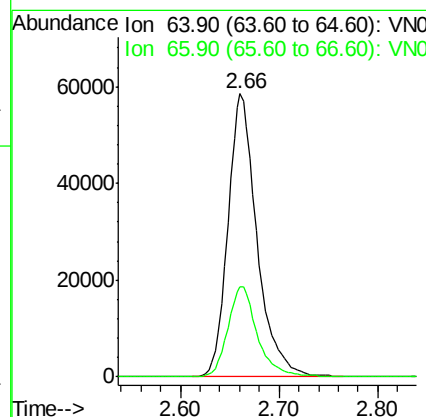
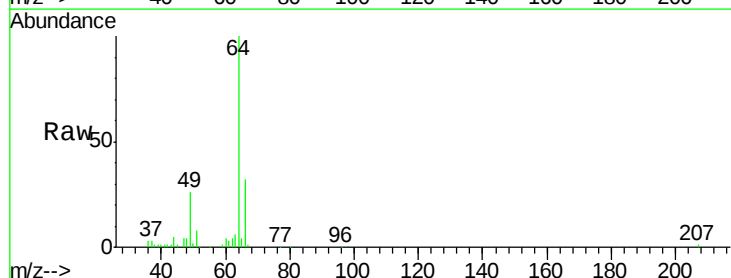
Acq: 1 Jul 2020 8:44

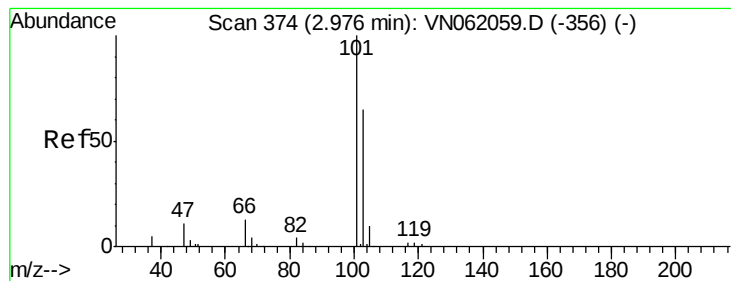
Tgt Ion: 64 Resp: 120581

Ion Ratio Lower Upper

64 100

66 32.0 25.8 38.6





#7

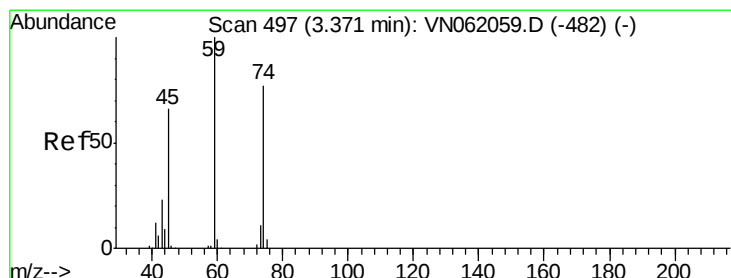
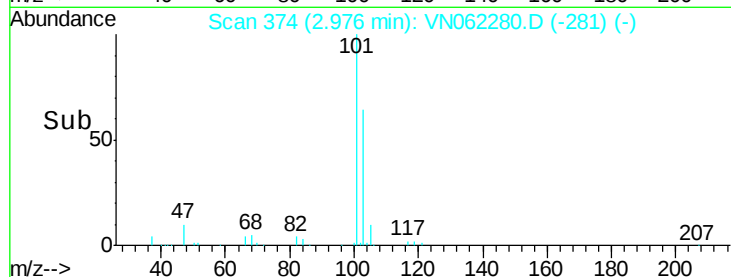
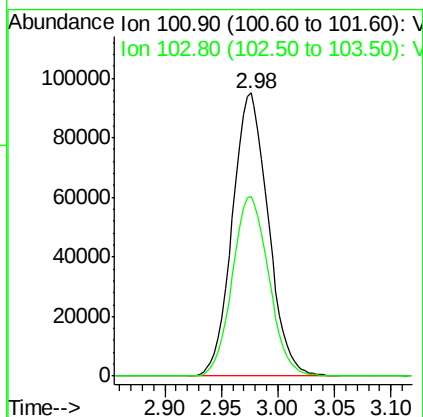
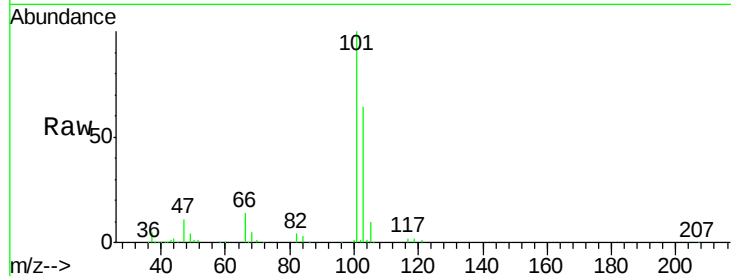
Trichlorofluoromethane
 Concen: 46.174 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

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 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	209956		
103	63.7	51.8	77.6	

Manual Integrations
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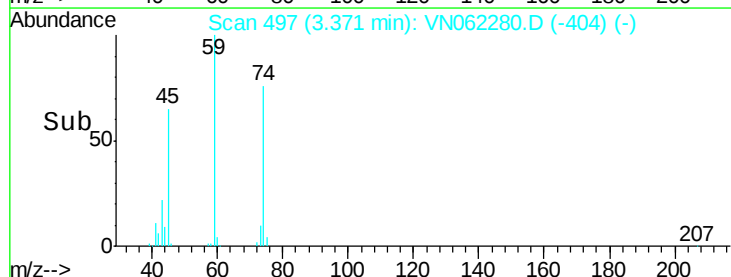
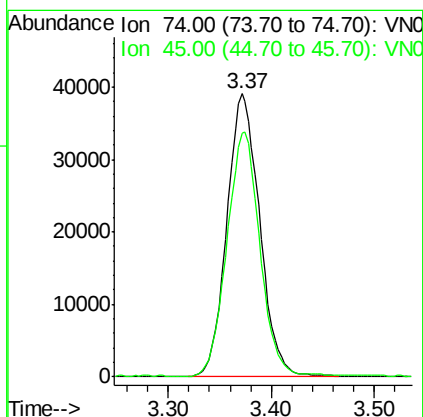
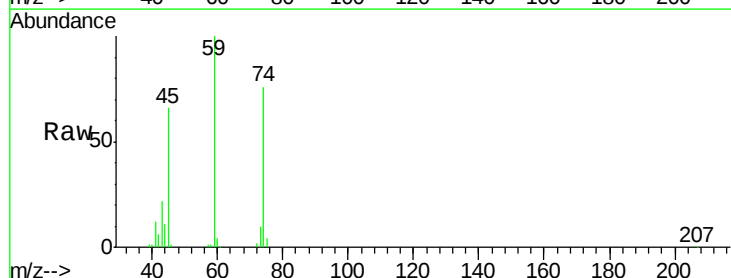
MMDadoda
 7/1/2020 11:04:01 AM

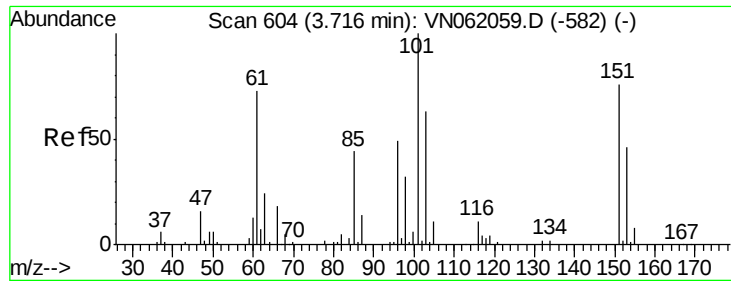


#8

Diethyl Ether
 Concen: 54.565 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	86637		
45	86.9	42.5	127.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.916 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

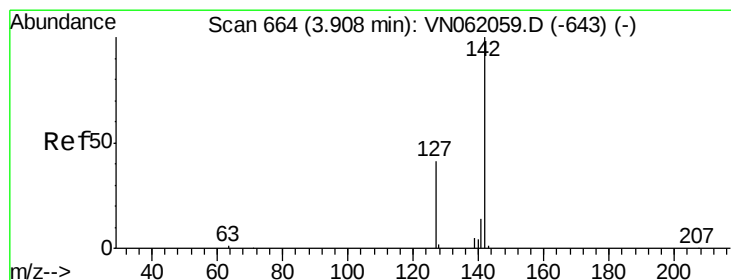
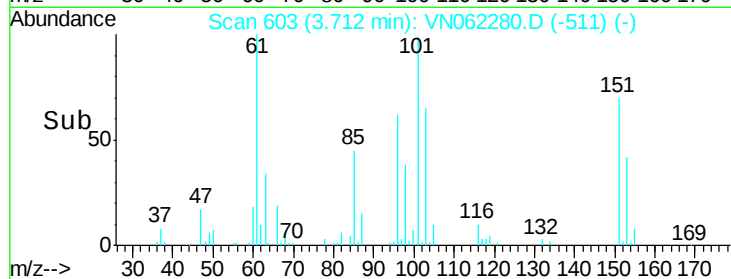
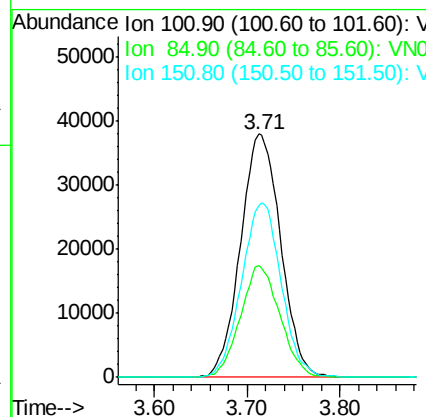
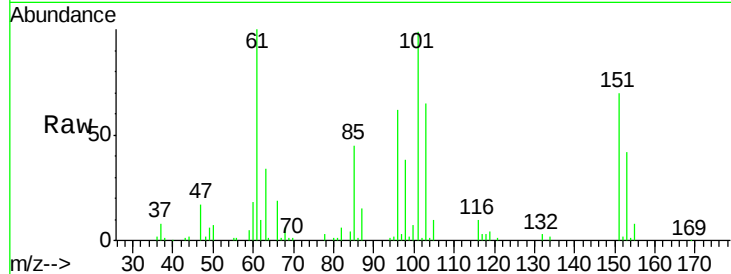
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	114096
Ion Ratio	Lower	Upper	
101	100		
85	45.3	34.5	51.7
151	71.0	57.8	86.8

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#10

Methyl Iodide

Concen: 52.745 ug/l

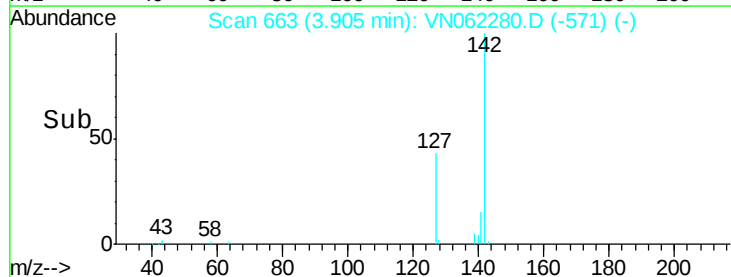
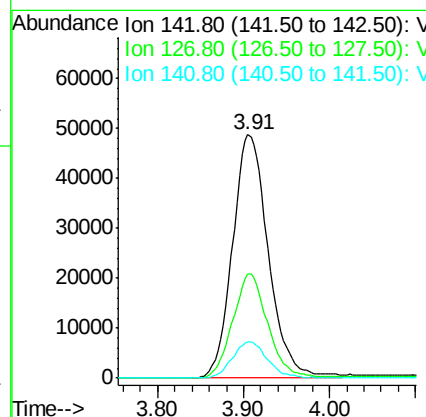
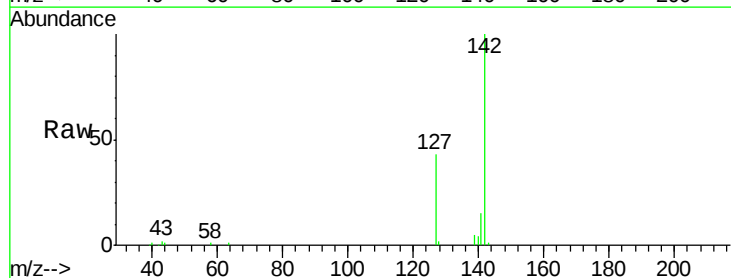
RT: 3.91 min Scan# 663

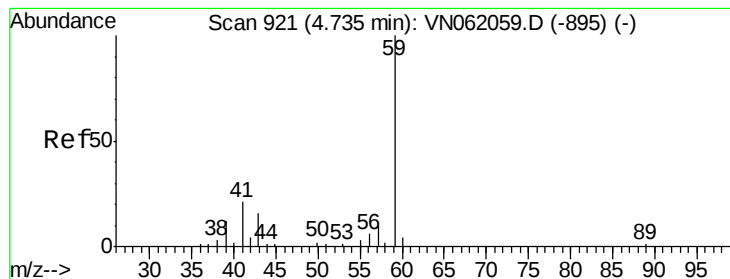
Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Tgt Ion:	142	Resp:	141446
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.6	50.4
141	14.5	11.3	16.9





#11

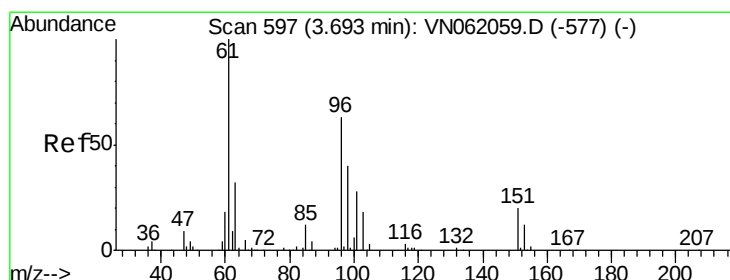
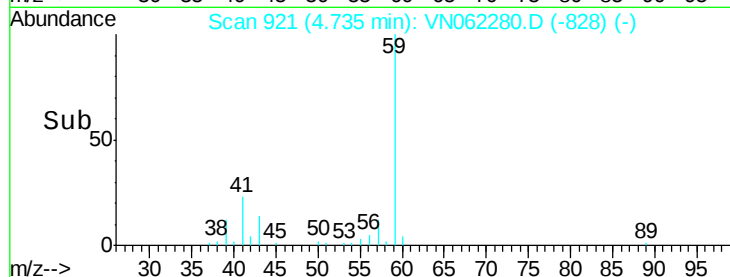
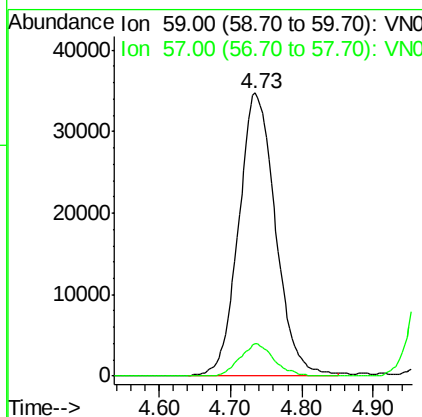
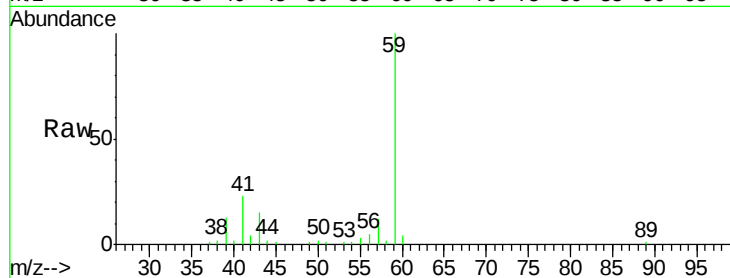
Tert butyl alcohol
 Concen: 299.525 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

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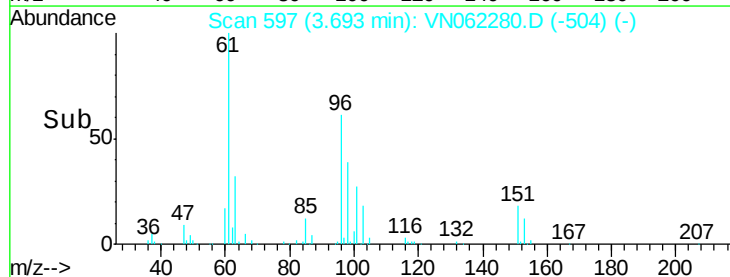
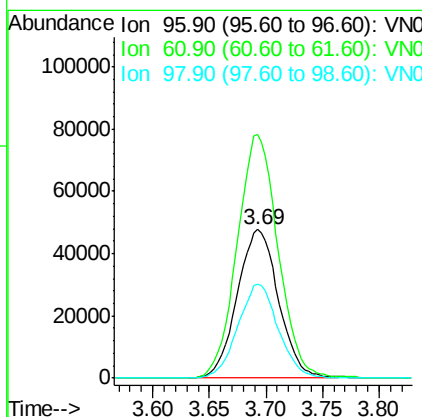
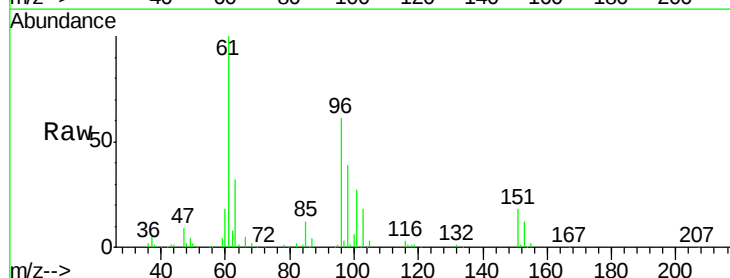
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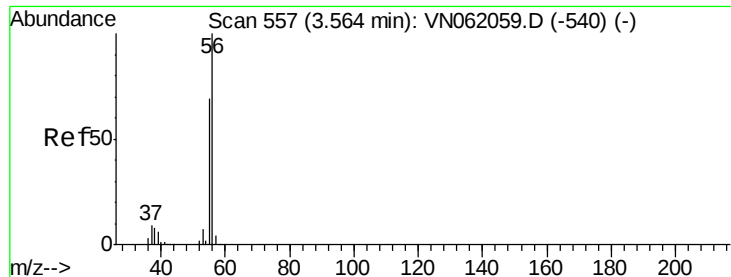


#12

1,1-Dichloroethene
 Concen: 50.912 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.6	126.7	190.1
98	63.4	51.0	76.4





#13

Acrolein

Concen: 294.700 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 120520

Ion Ratio Lower Upper

56 100

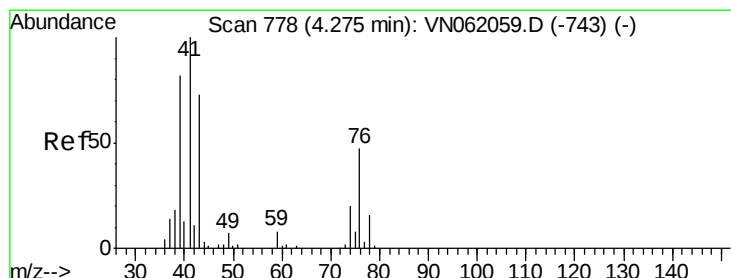
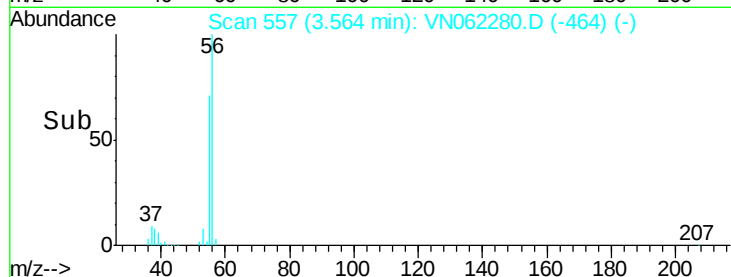
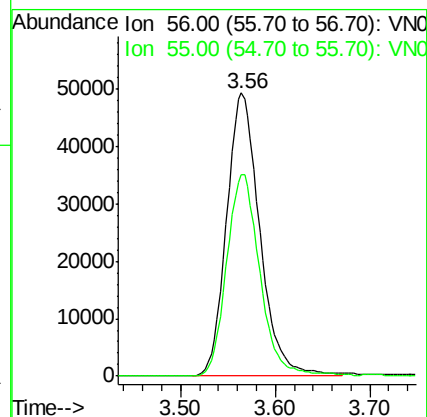
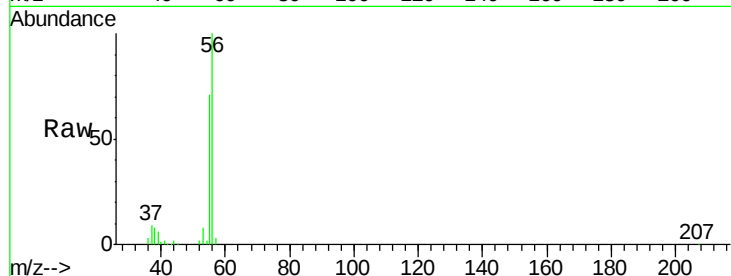
55 70.7 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 54.656 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

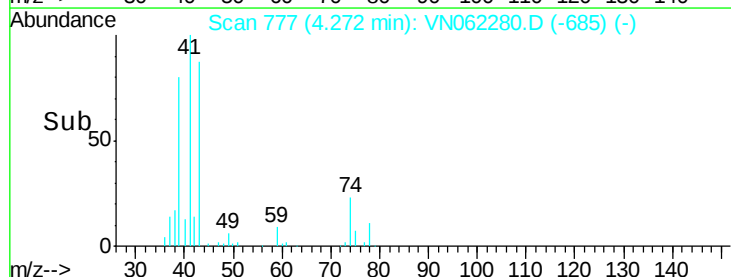
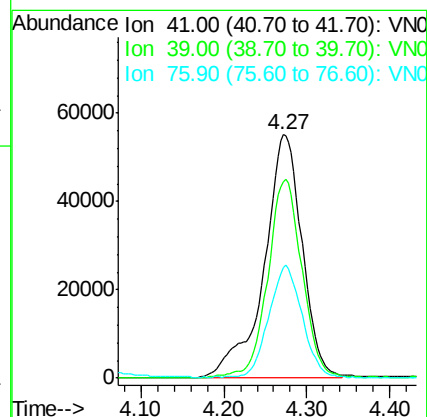
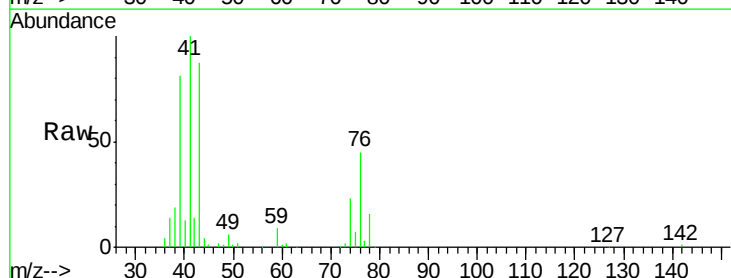
Tgt Ion: 41 Resp: 177135

Ion Ratio Lower Upper

41 100

39 73.9 60.0 90.0

76 40.5 34.1 51.1





#15

Acrylonitrile

Concen: 306.906 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

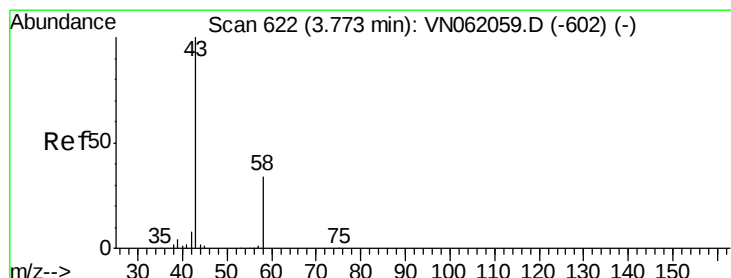
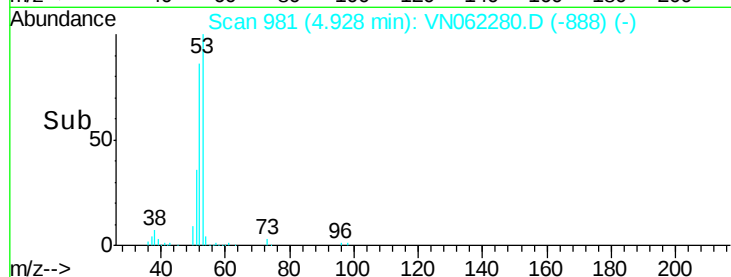
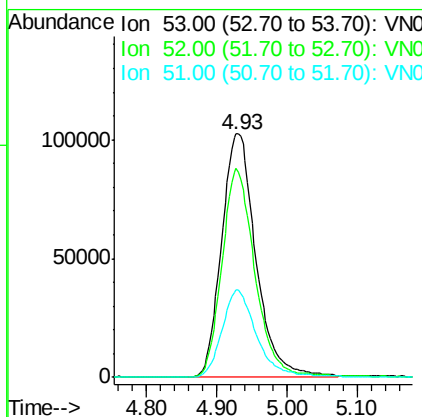
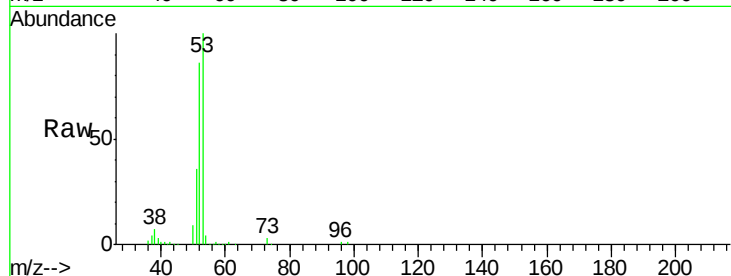
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	349339
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.4
51	35.8	28.9	43.3

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#16

Acetone

Concen: 300.391 ug/l

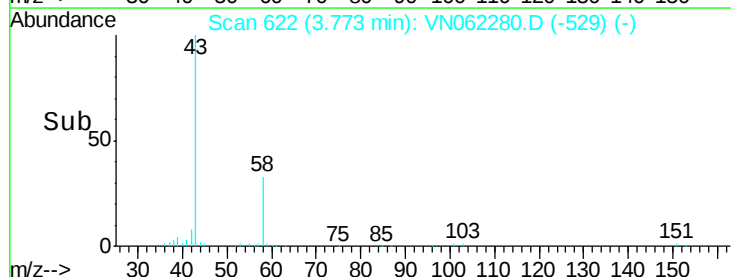
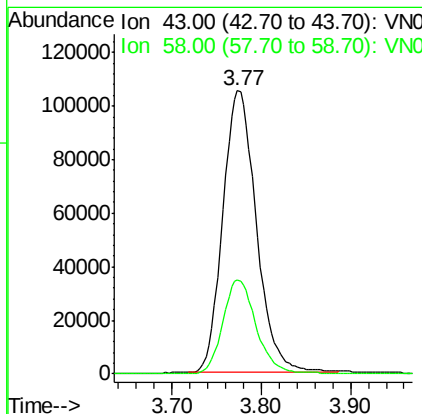
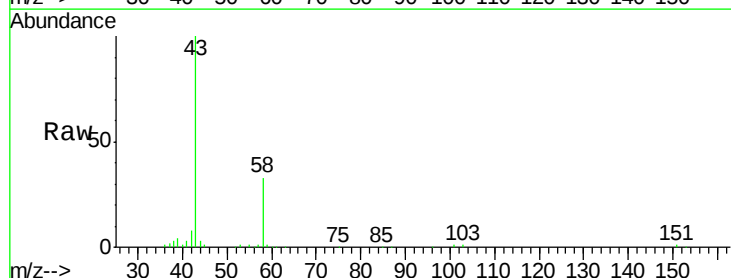
RT: 3.77 min Scan# 622

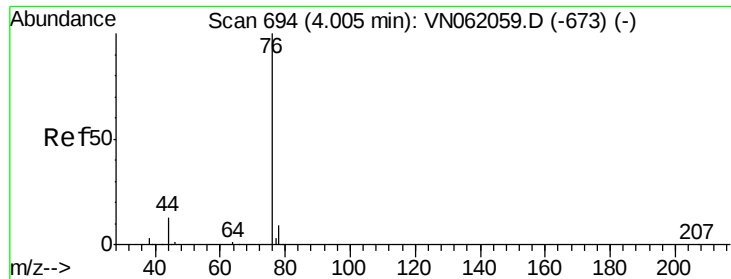
Delta R.T. 0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Tgt Ion:	43	Resp:	273563
Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.5	41.3





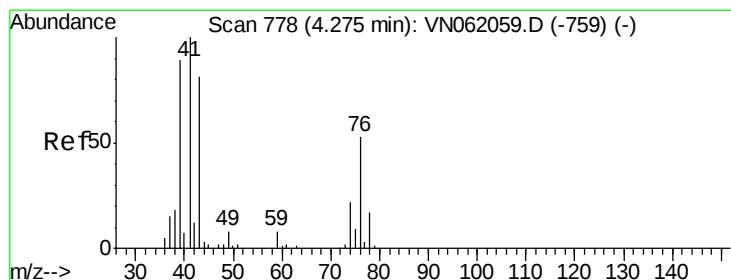
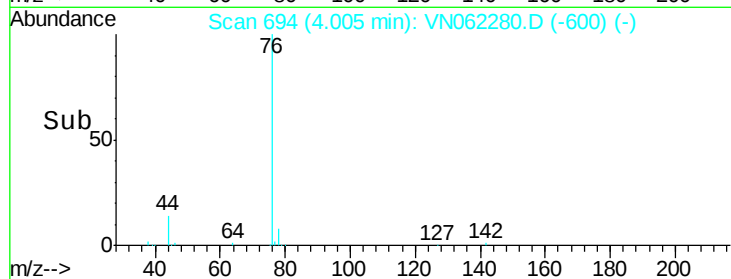
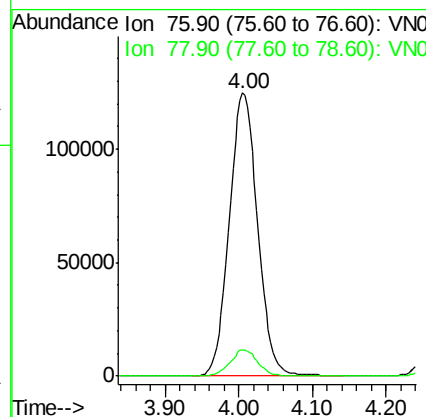
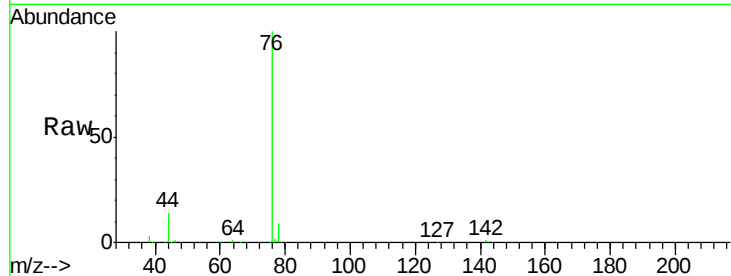
#17
Carbon Disulfide
Concen: 48.911 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

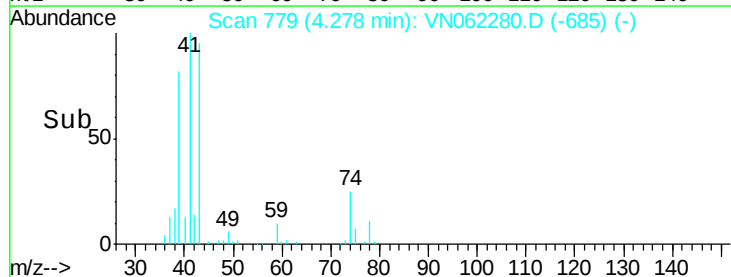
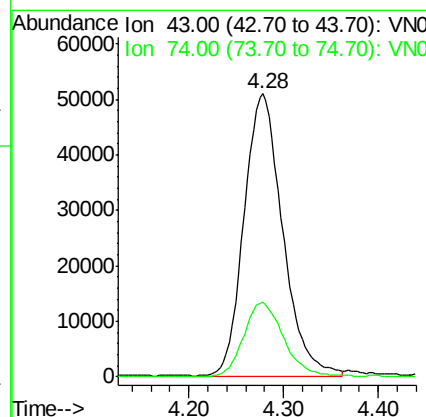
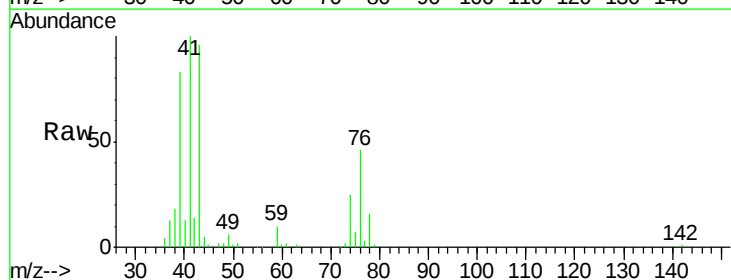
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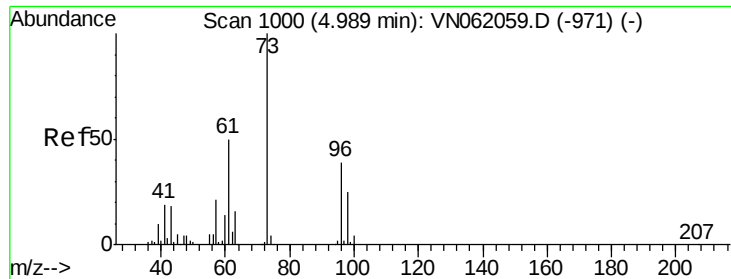
MMDadoda
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#18
Methyl Acetate
Concen: 62.262 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	22.9	34.3





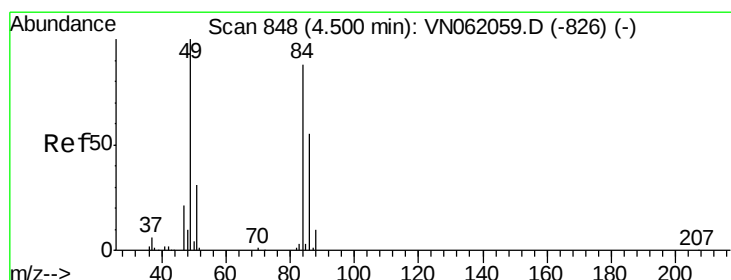
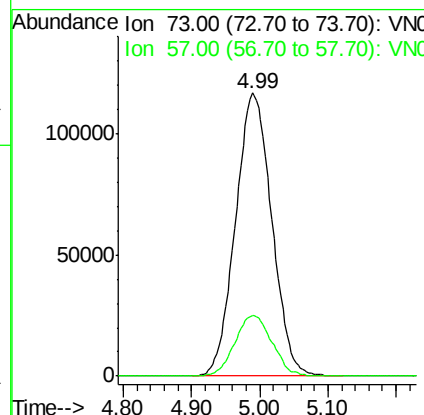
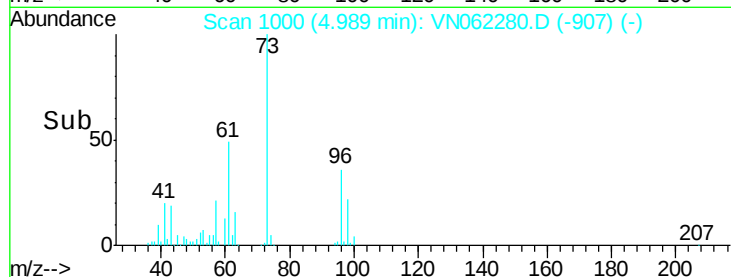
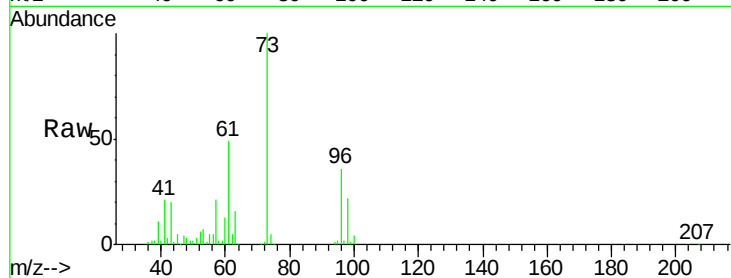
#19
Methvl tert-butvl Ether
Concen: 56.710 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 431358
Ion Ratio Lower Upper
73 100
57 21.3 16.6 24.8

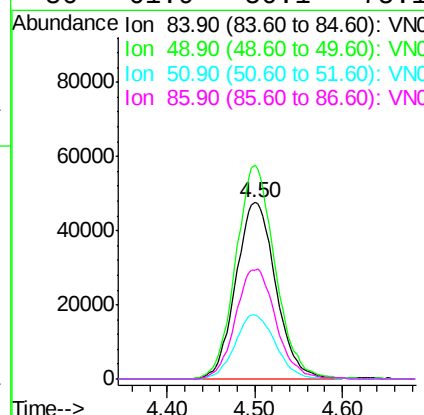
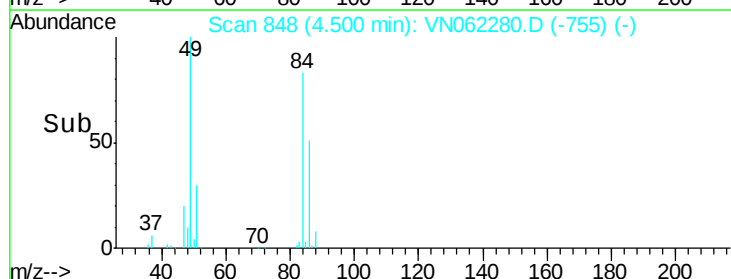
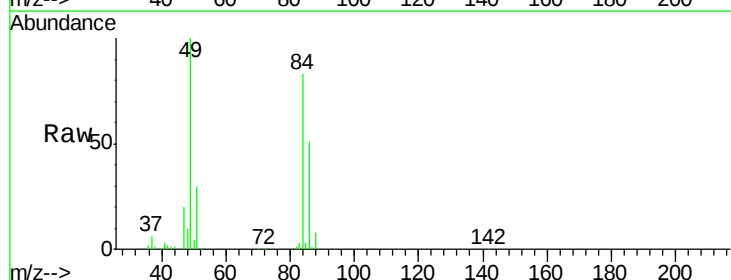
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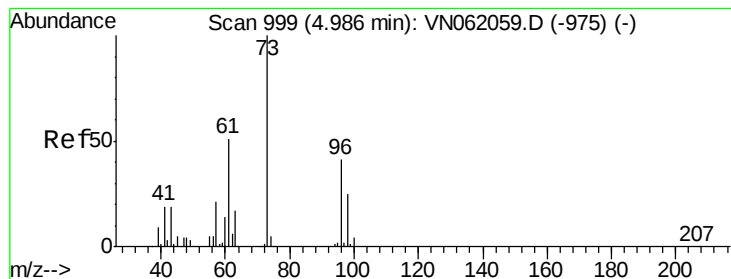
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7/1/2020 11:04:01 AM



#20
Methylene Chloride
Concen: 56.606 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion: 84 Resp: 151100
Ion Ratio Lower Upper
84 100
49 121.0 90.6 136.0
51 36.2 27.8 41.8
86 61.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 48.912 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

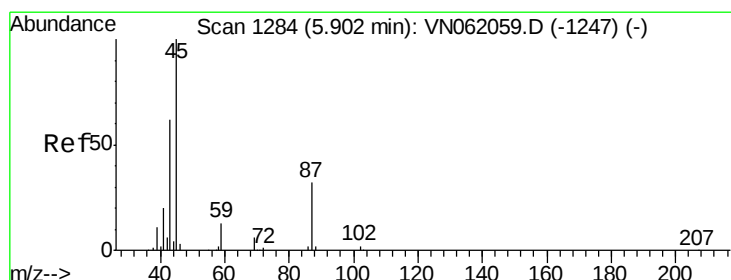
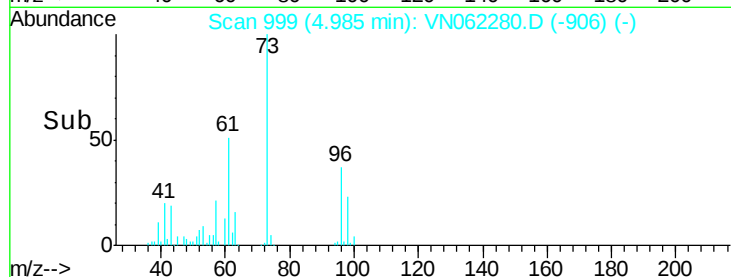
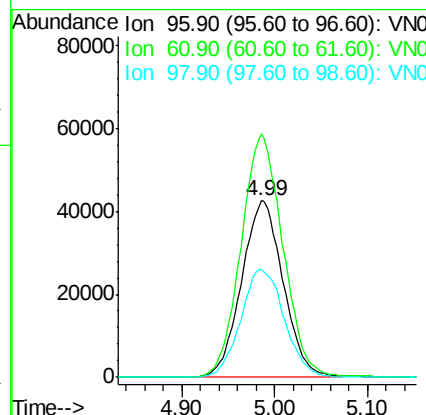
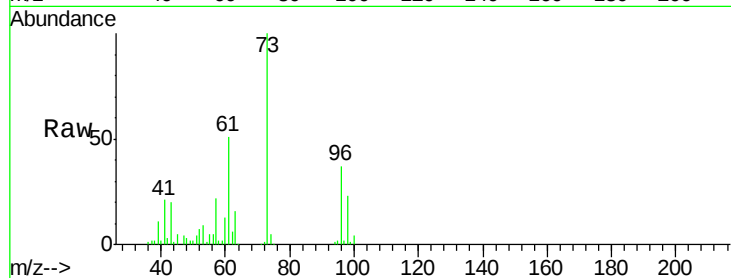
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	132637
Ion	Ratio	Lower	Upper
96	100		
61	137.6	101.4	152.2
98	60.9	49.3	73.9

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#22

Diisopropyl ether

Concen: 58.723 ug/l

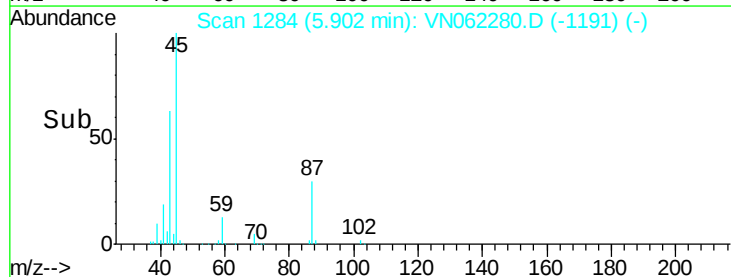
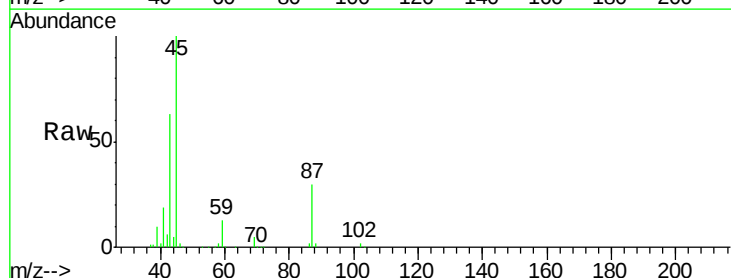
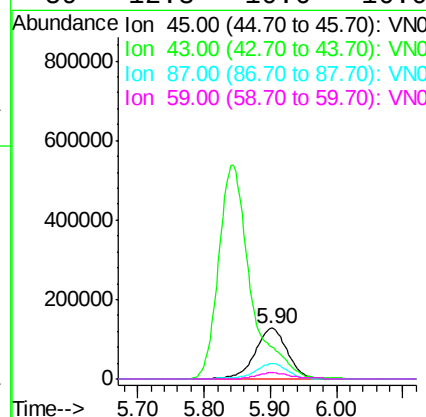
RT: 5.90 min Scan# 1284

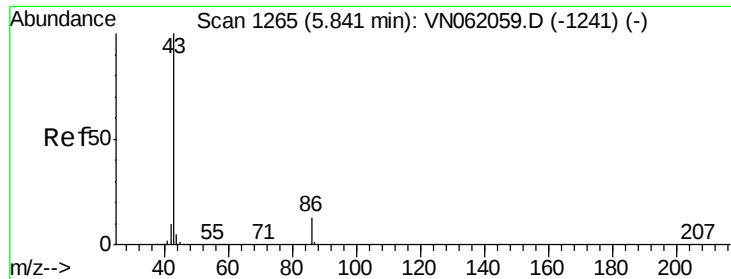
Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Tgt Ion:	45	Resp:	433331
Ion	Ratio	Lower	Upper
45	100		
43	61.5	49.7	74.5
87	30.3	25.9	38.9
59	12.3	10.6	16.0





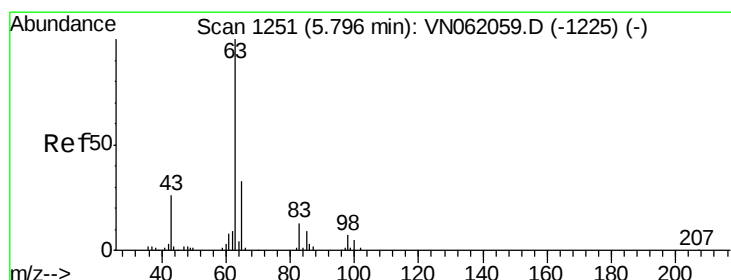
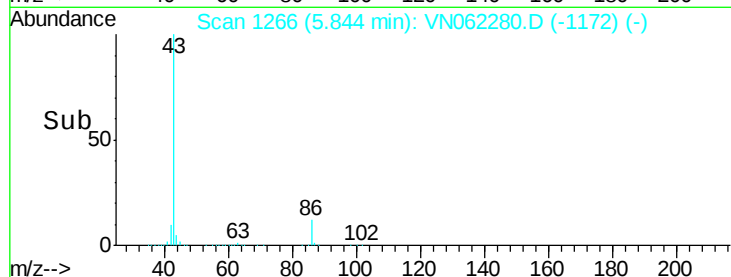
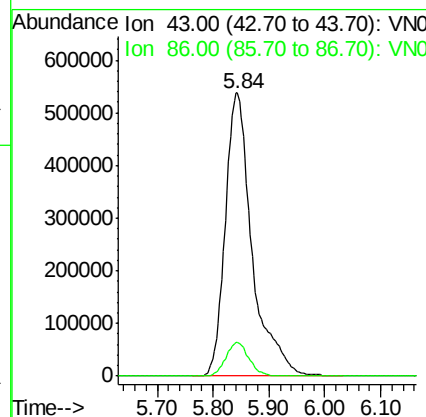
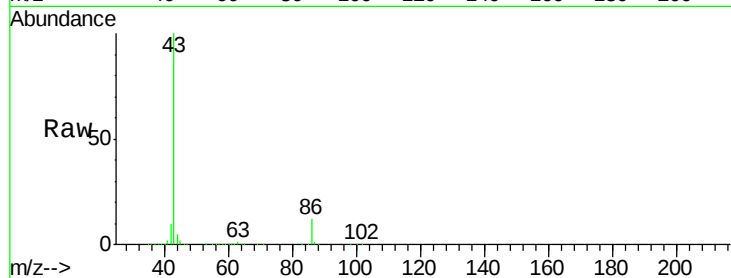
#23
 Vinyl Acetate
 Concen: 299.483 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1804305
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.1 15.1

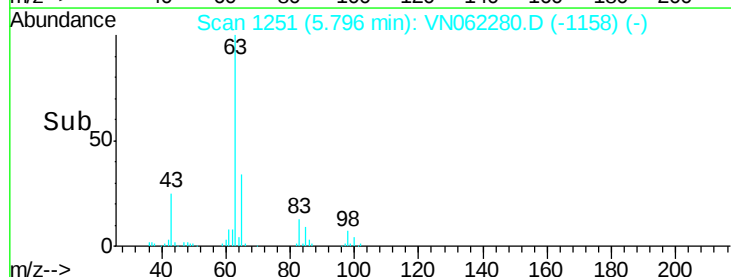
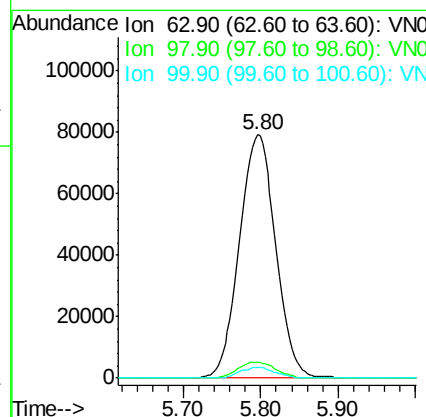
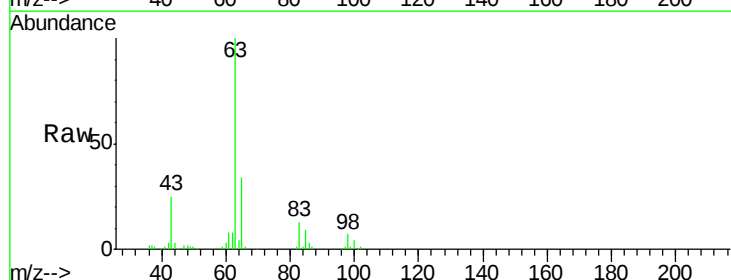
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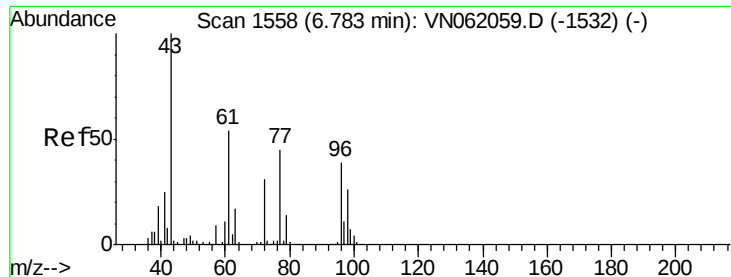
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#24
 1,1-Dichloroethane
 Concen: 54.301 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion: 63 Resp: 258026
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.3 2.4 7.1





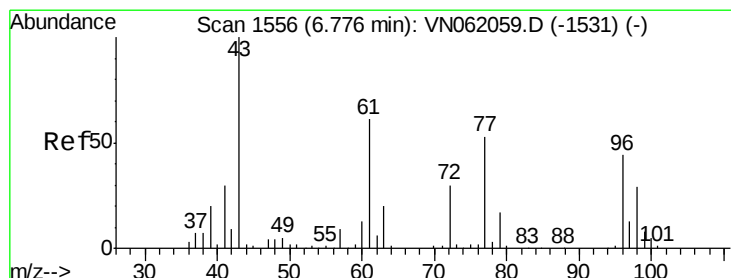
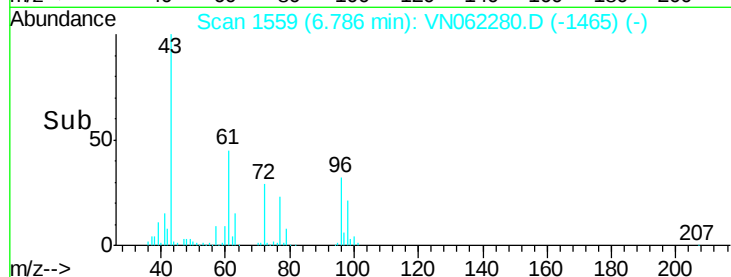
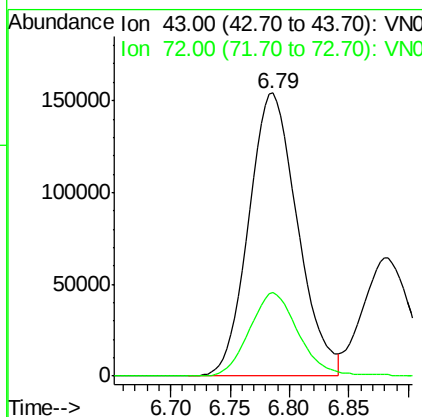
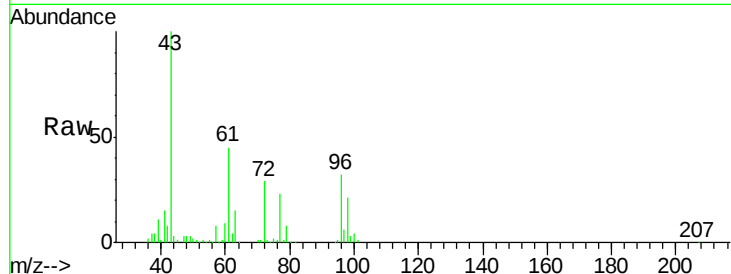
#25
2-Butanone
Concen: 307.359 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 437067
Ion Ratio Lower Upper
43 100
72 29.4 24.8 37.2

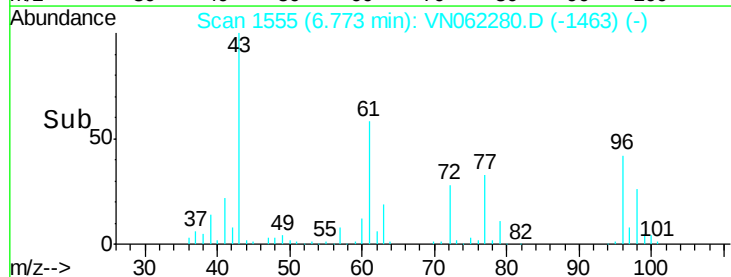
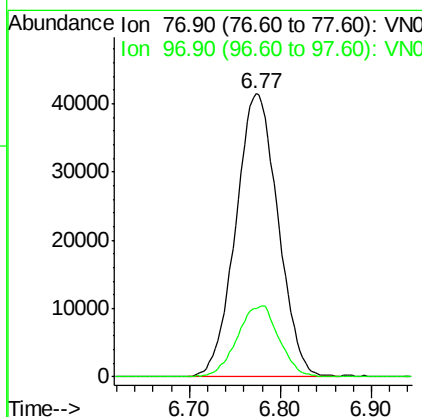
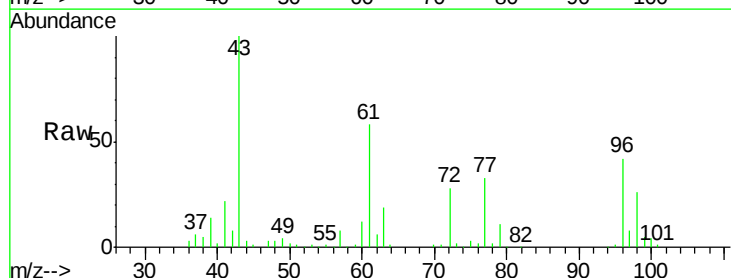
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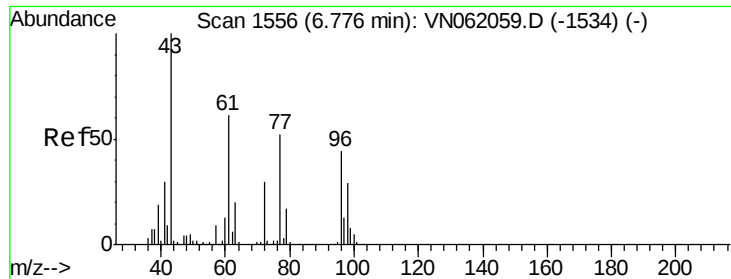
MMDadoda
7/1/2020 11:04:01 AM



#26
2,2-Dichloropropane
Concen: 33.839 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion: 77 Resp: 133994
Ion Ratio Lower Upper
77 100
97 24.8 11.8 35.3





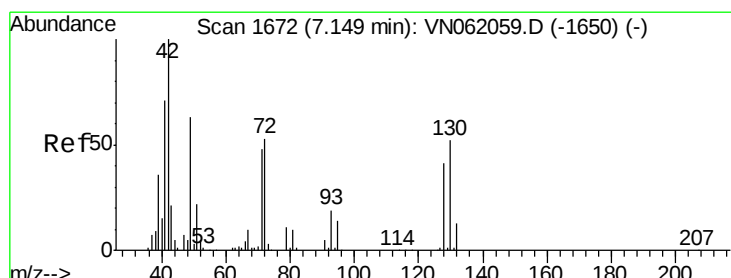
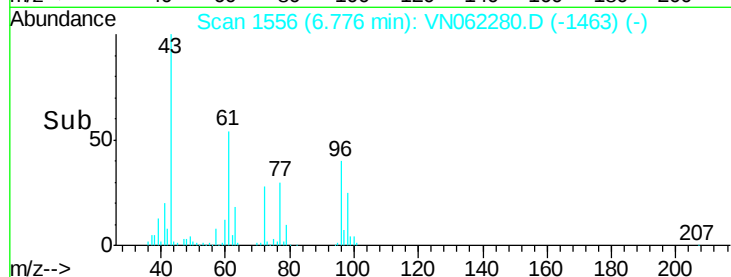
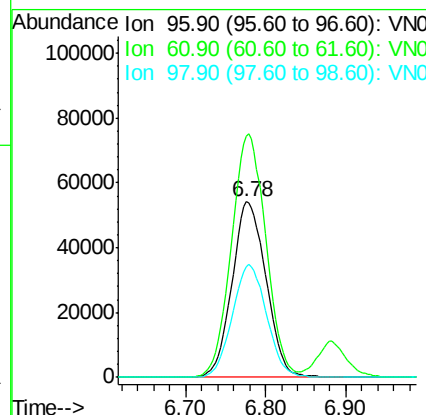
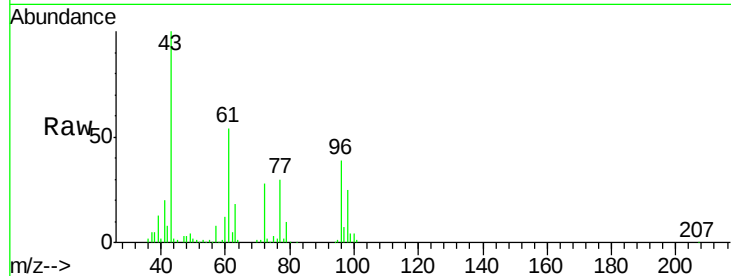
#27
 cis-1,2-Dichloroethene
 Concen: 51.492 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	157124		
61	140.0		0.0	280.4
98	64.3		0.0	129.4

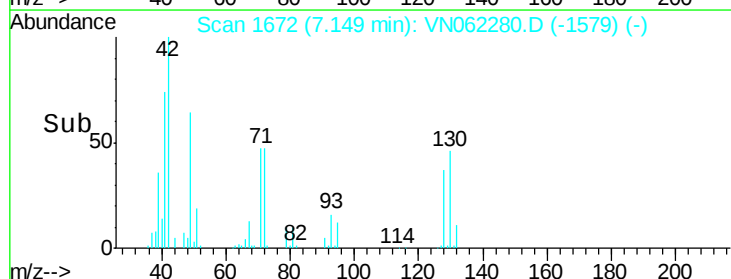
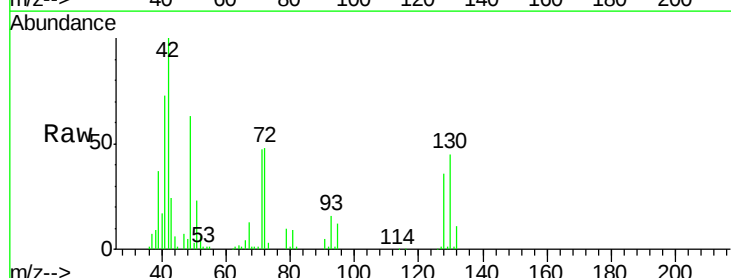
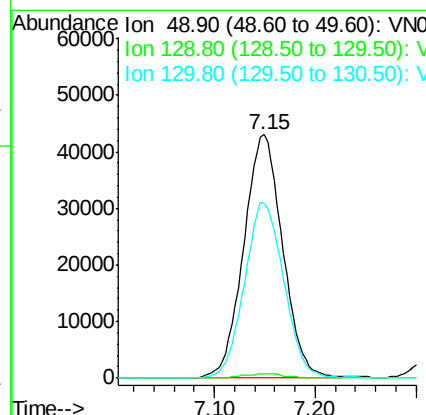
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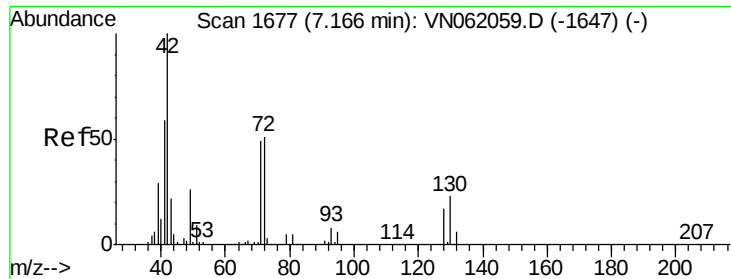
MMDadoda
 7/1/2020 11:04:01 AM



#28
 Bromochloromethane
 Concen: 55.895 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115239		
129	1.8		0.0	4.4
130	73.0		65.5	98.3





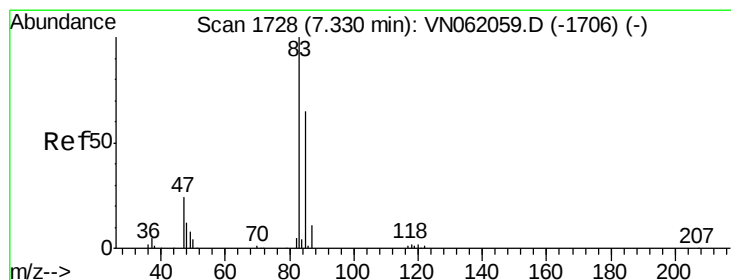
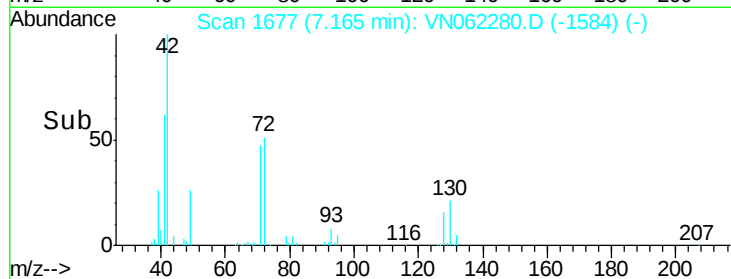
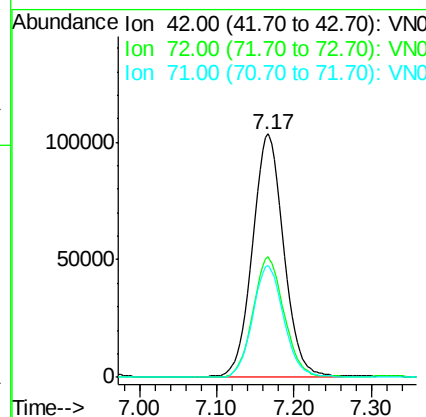
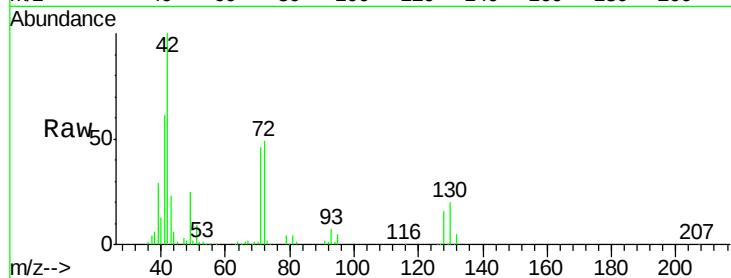
#29
Tetrahydrofuran
Concen: 315.694 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	41.1	61.7
71	45.5	38.2	57.4

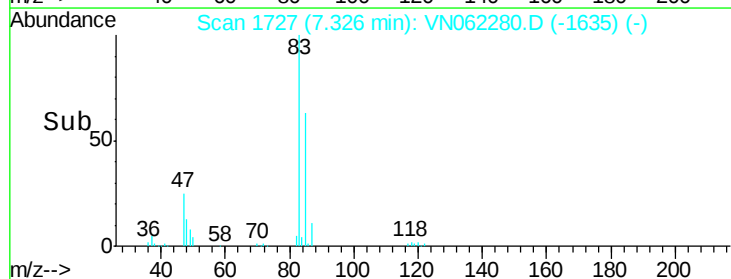
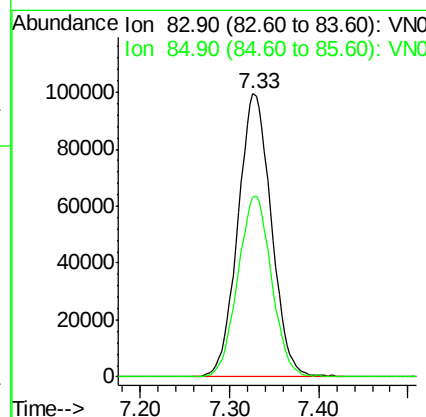
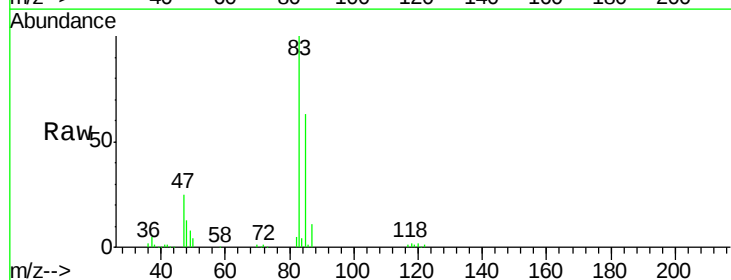
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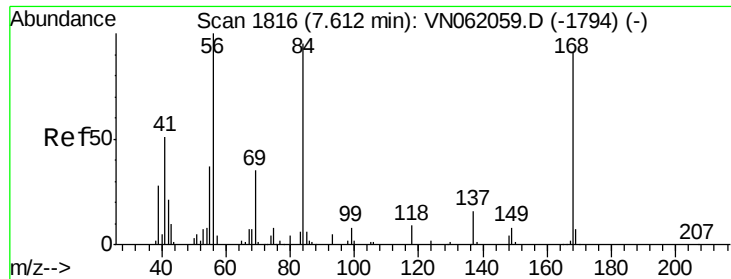
MMDadoda
7/1/2020 11:04:01 AM



#30
Chloroform
Concen: 53.440 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.3	78.5





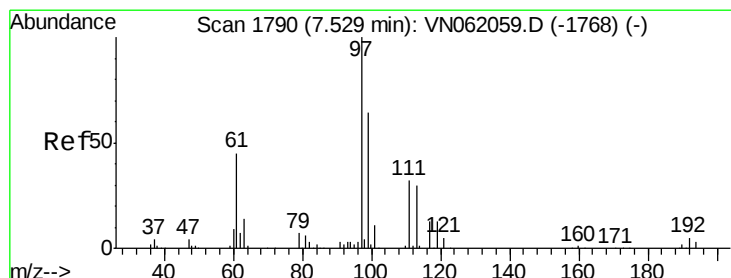
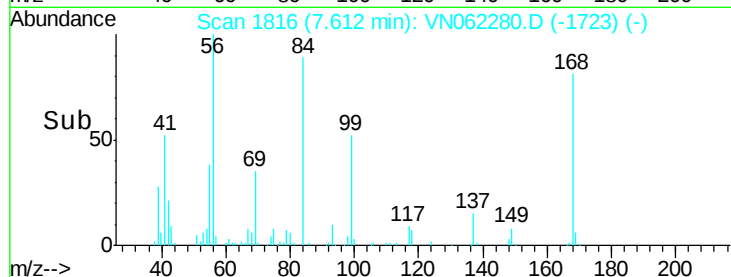
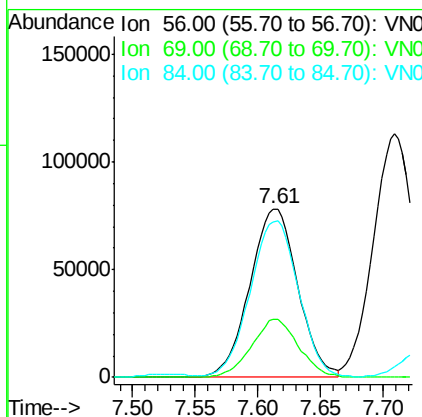
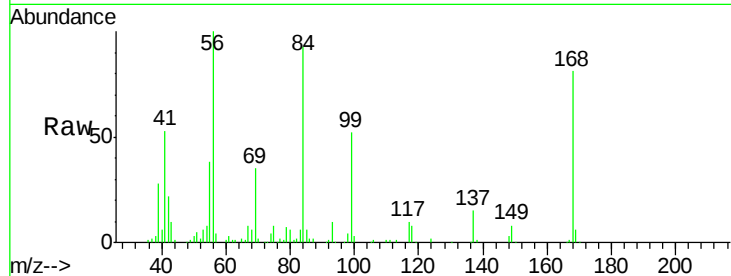
#31
Cyclohexane
Concen: 51.804 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	28.0	42.0
84	91.4	76.1	114.1

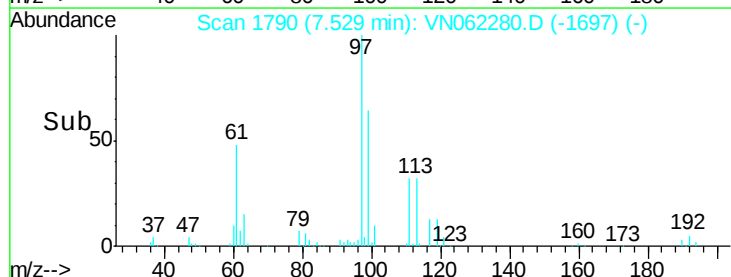
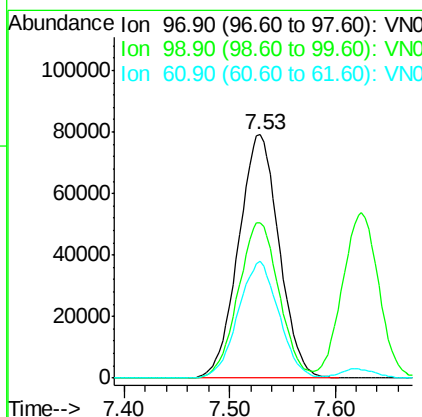
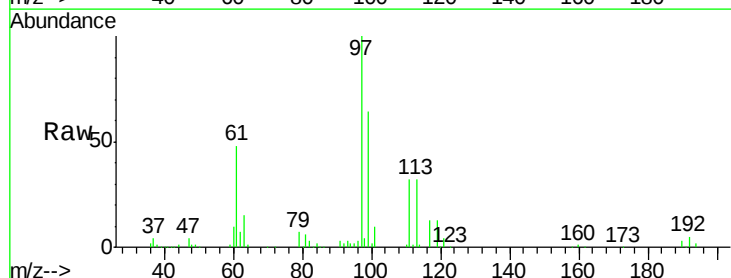
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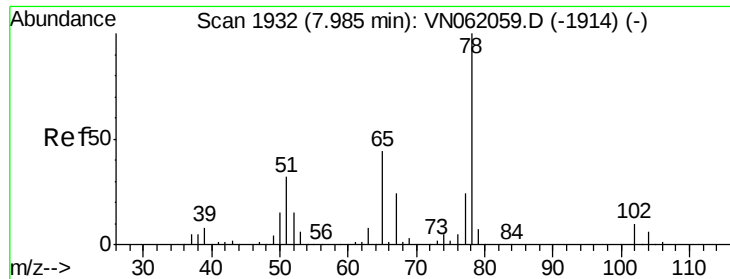
MMDadoda
7/1/2020 11:04:01 AM



#32
1,1,1-Trichloroethane
Concen: 52.050 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	48.0	36.2	54.2





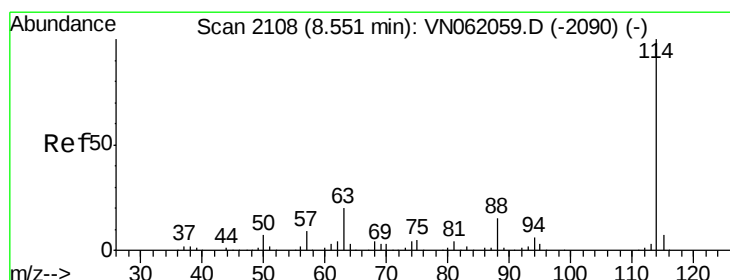
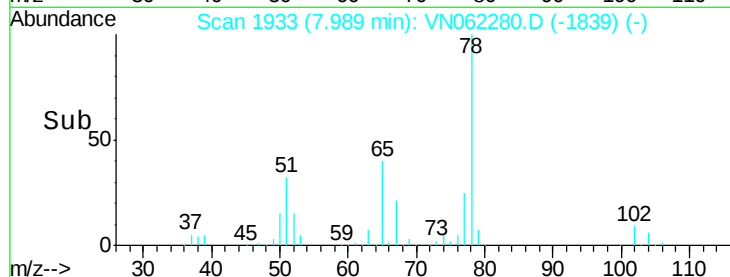
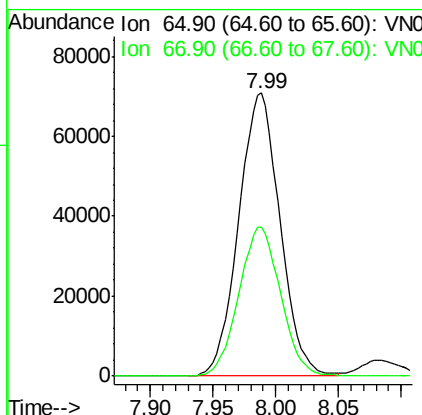
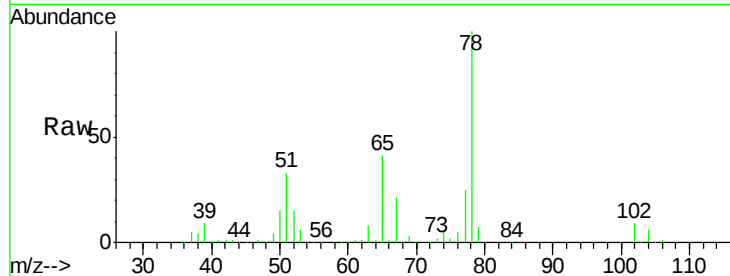
#33
 1,2-Dichloroethane-d4
 Concen: 55.845 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	162468		
67	53.3	0.0	106.2	

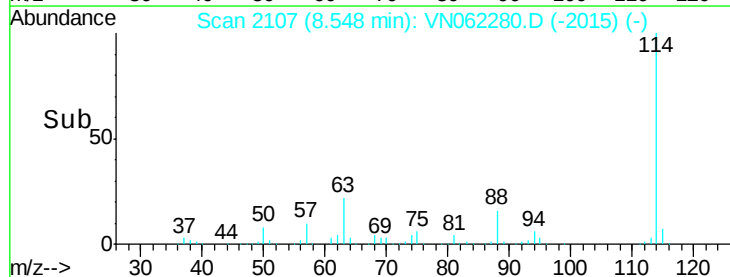
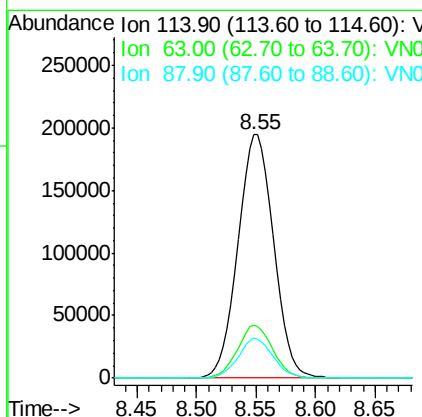
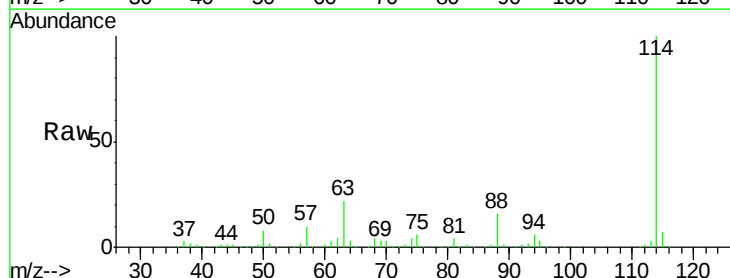
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	405039		
63	21.8	0.0	39.2	
88	16.4	0.0	30.8	





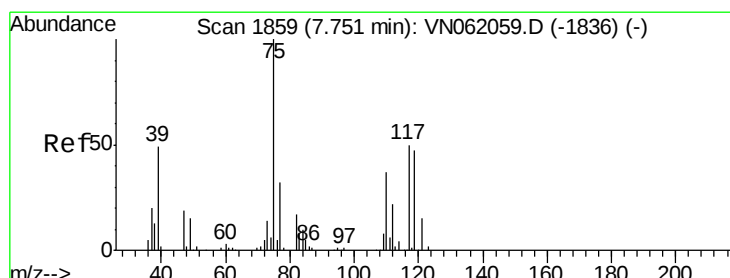
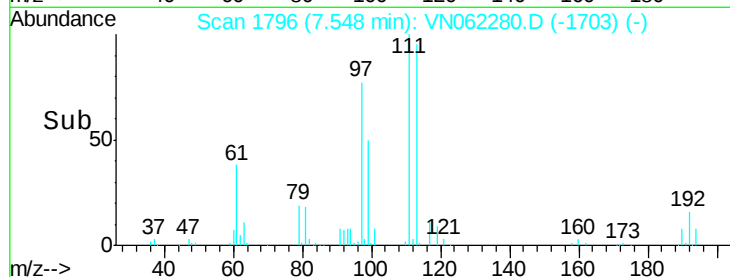
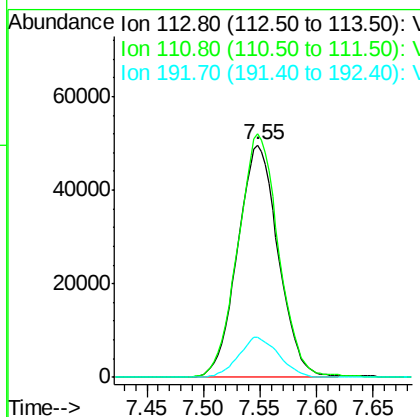
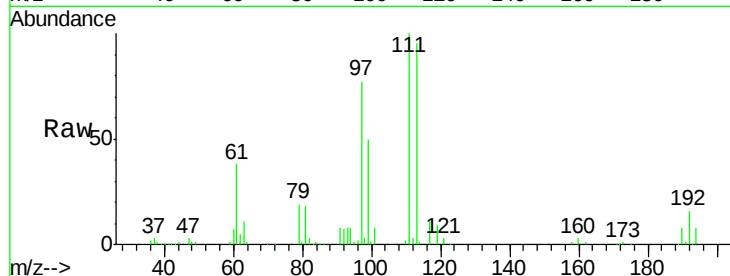
#35
Dibromofluoromethane
Concen: 47.896 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124459		
111	104.6	82.2	123.4	
192	17.1	14.0	21.0	

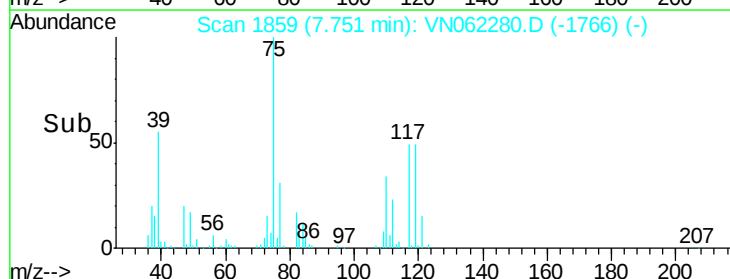
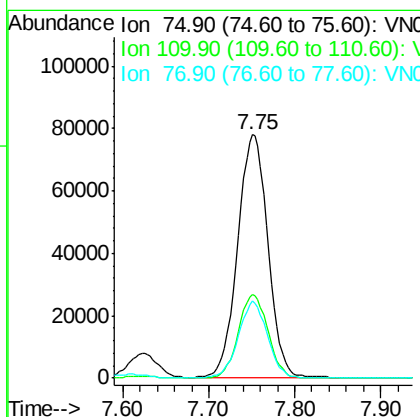
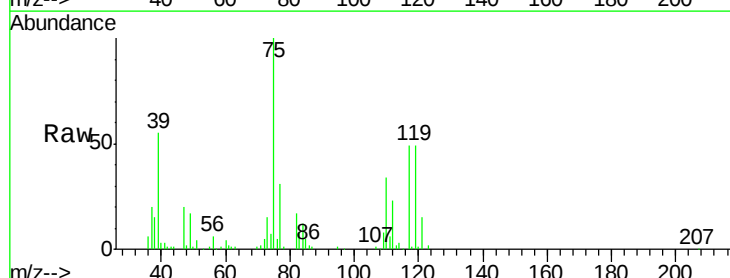
Manual Integrations
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#36
1,1-Dichloropropene
Concen: 47.036 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	191495		
110	33.4	17.9	53.8	
77	30.5	24.9	37.3	





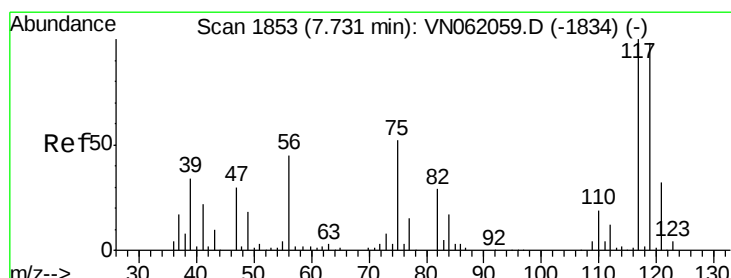
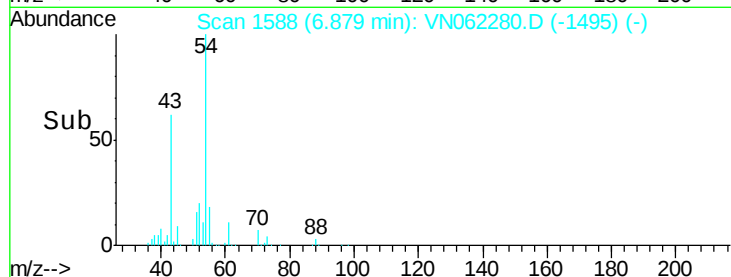
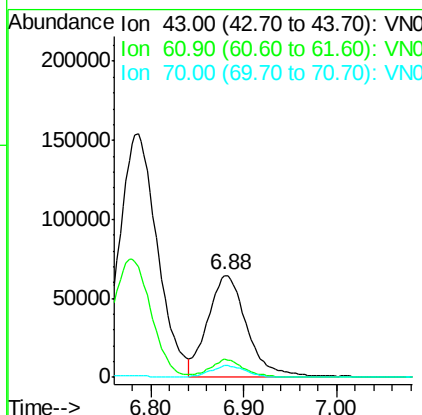
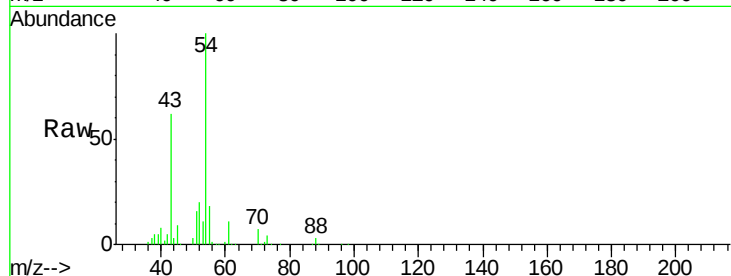
#37
Ethyl Acetate
Concen: 55.161 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	43	Resp	185960
Ion Ratio	100	Lower	Upper
43	100		
61	15.6	12.0	18.0
70	10.8	9.6	14.4

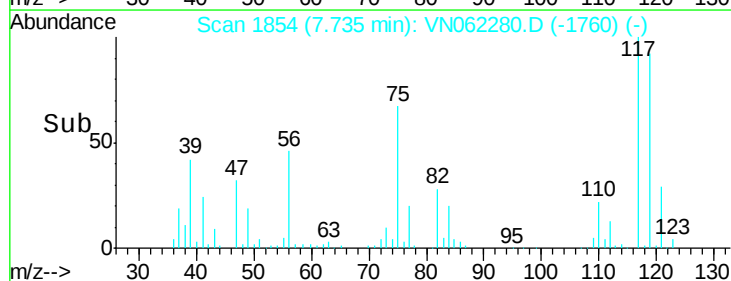
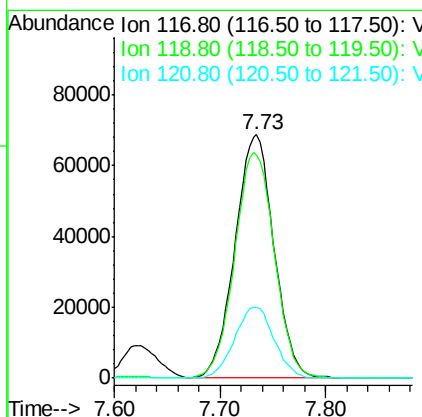
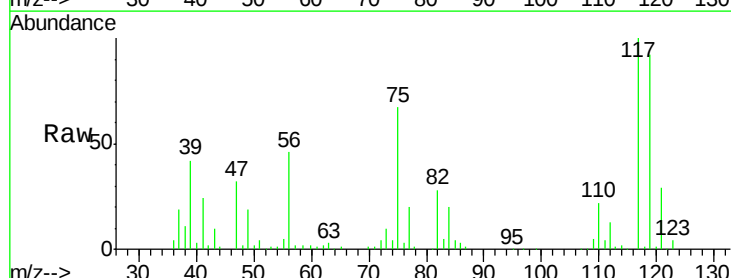
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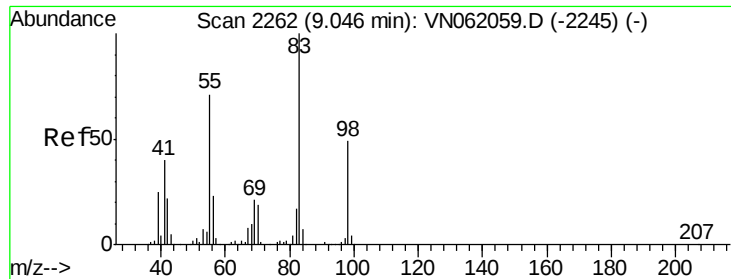
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#38
Carbon Tetrachloride
Concen: 45.514 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	117	Resp	174697
Ion Ratio	100	Lower	Upper
117	100		
119	92.1	78.2	117.2
121	29.2	25.8	38.6





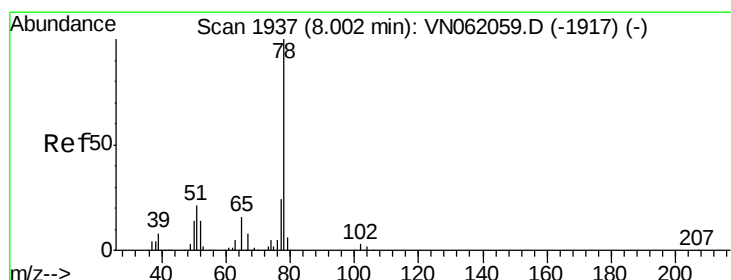
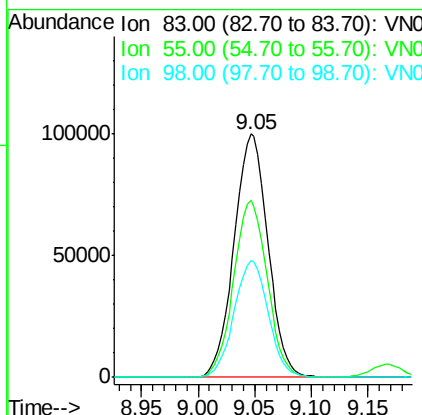
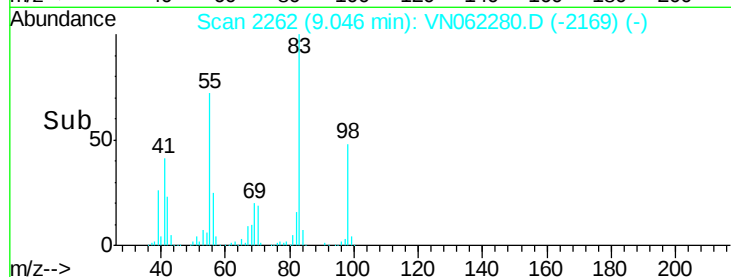
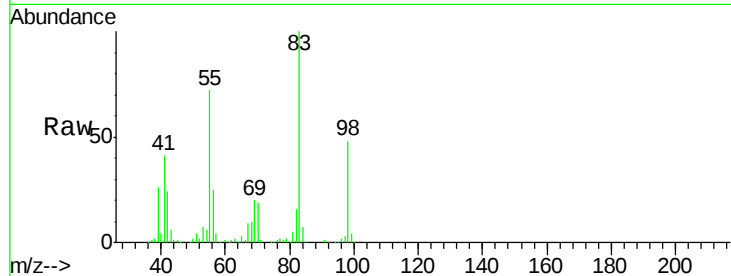
#39
Methvlcvclohexane
Concen: 46.776 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	208659		
55	72.5		57.0	85.6
98	48.2		39.0	58.6

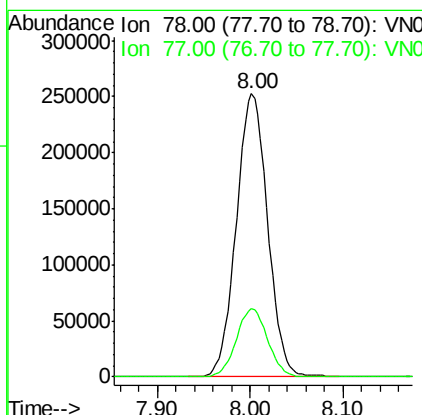
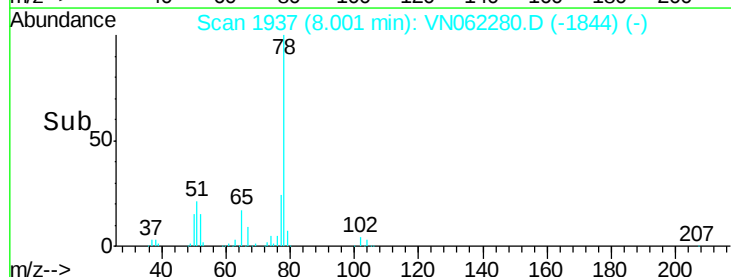
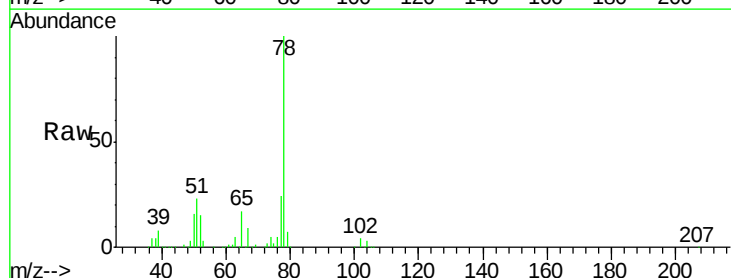
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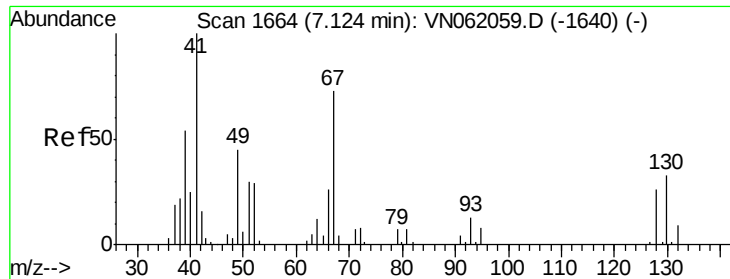
MMDadoda
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#40
Benzene
Concen: 47.780 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	592898		
77	24.1		19.5	29.3





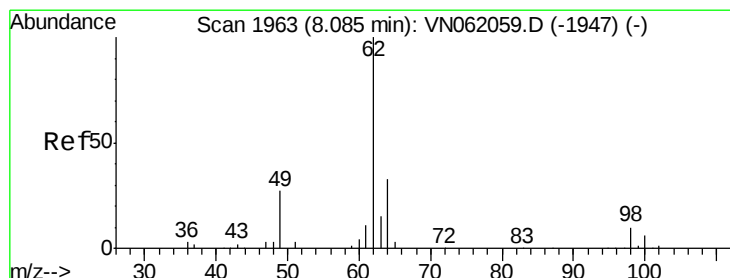
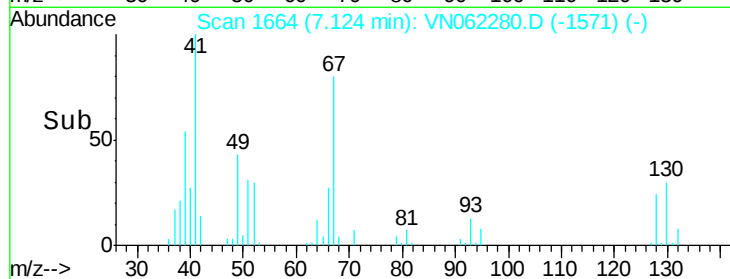
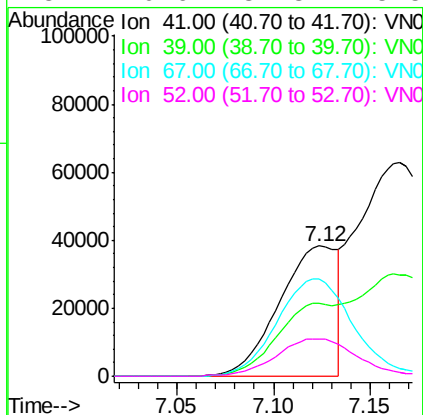
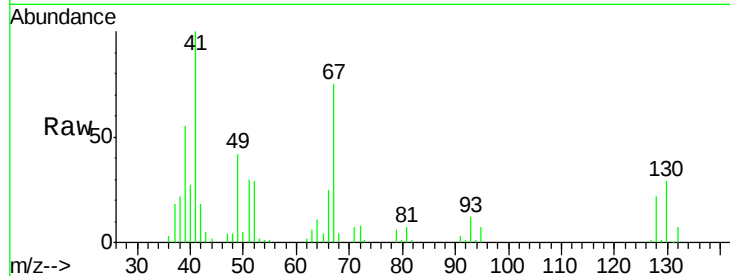
#41
Methacrylonitrile
Concen: 51.432 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.9	44.2	66.2
67	99.3	79.5	119.3
52	40.6	32.3	48.5

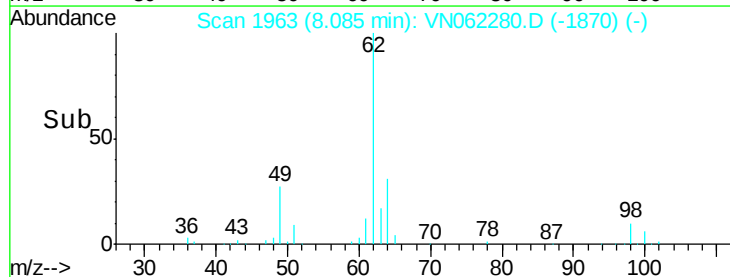
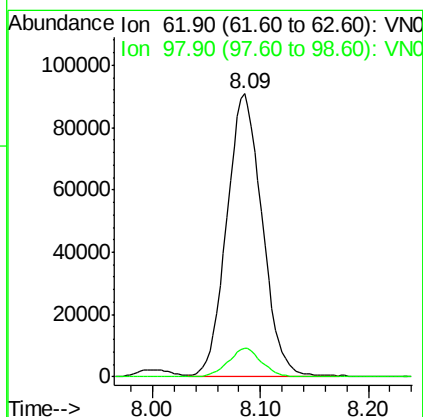
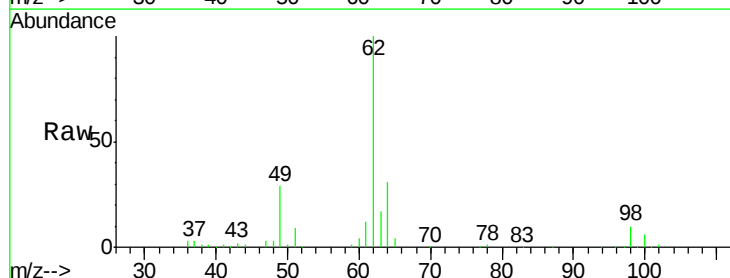
Manual Integrations
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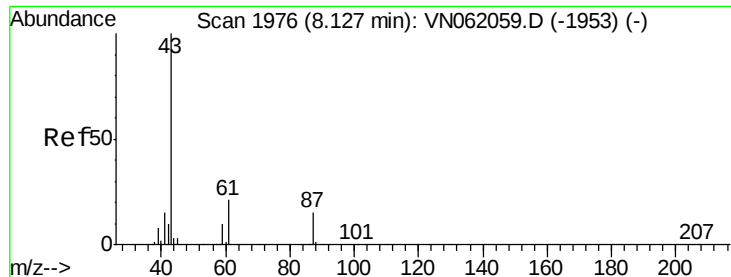
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#42
1,2-Dichloroethane
Concen: 49.287 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8





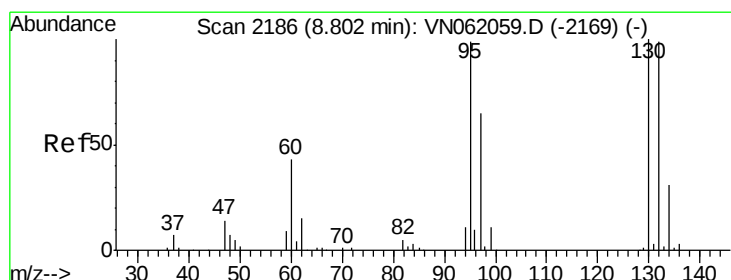
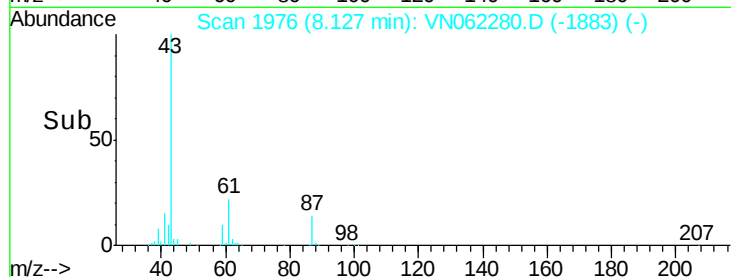
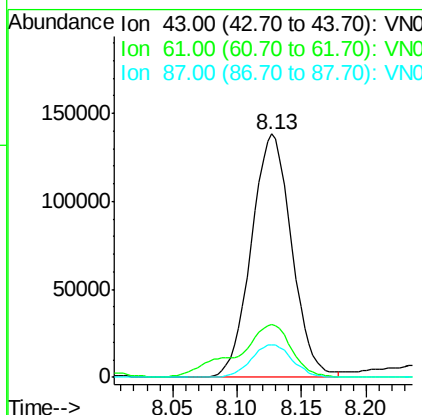
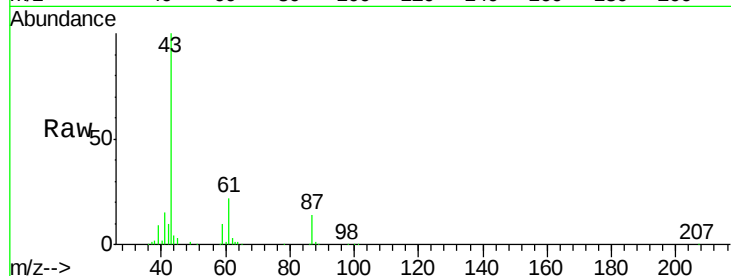
#43
Isopropyl Acetate
Concen: 54.692 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.2	25.8
87	13.8	12.1	18.1

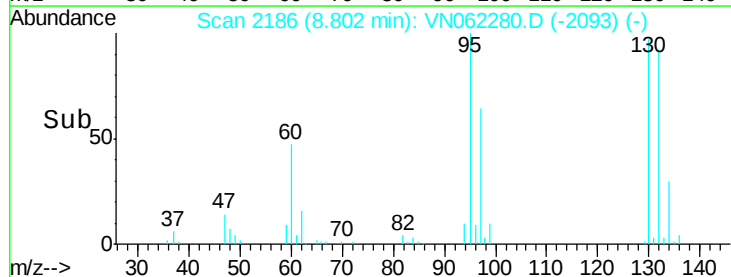
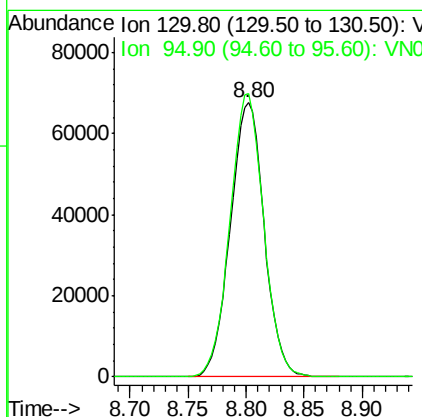
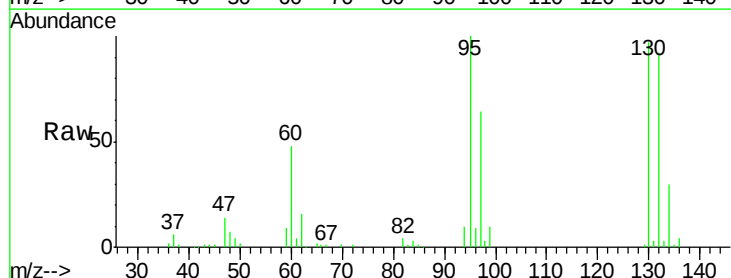
Manual Integrations
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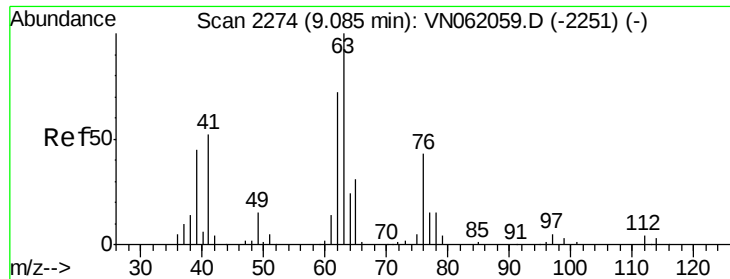
MMDadoda
7/1/2020 11:04:01 AM



#44
Trichloroethene
Concen: 43.829 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	197.8





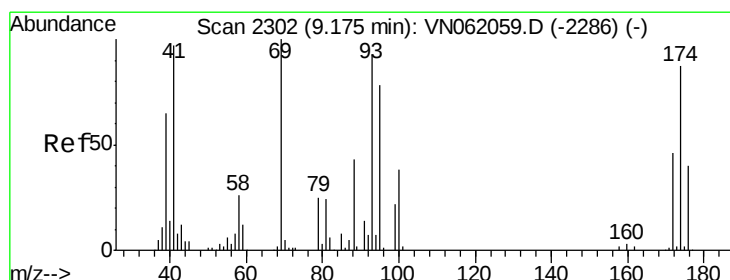
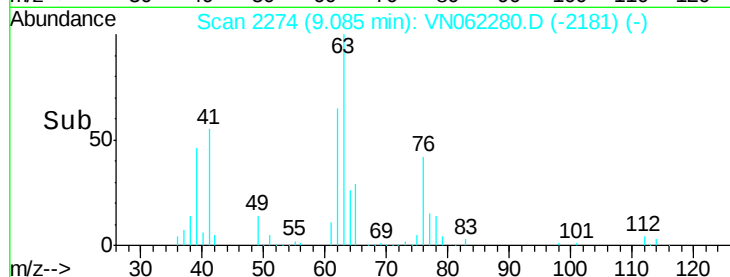
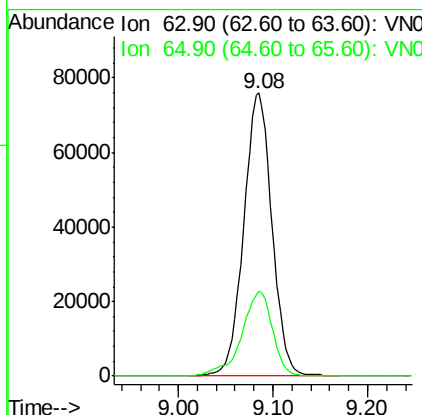
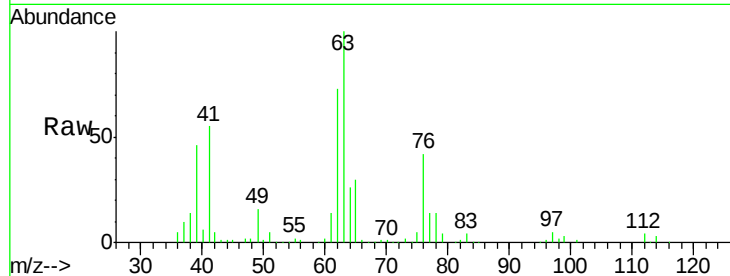
#45
 1,2-Dichloropropane
 Concen: 51.379 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 157289
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.4

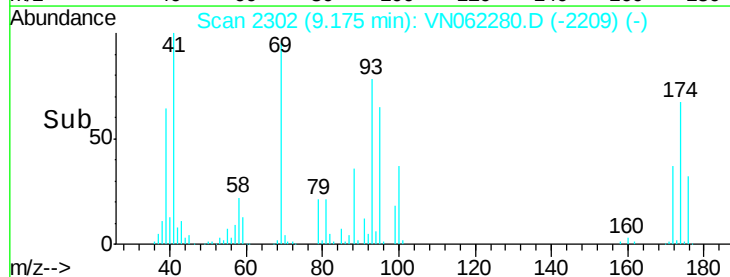
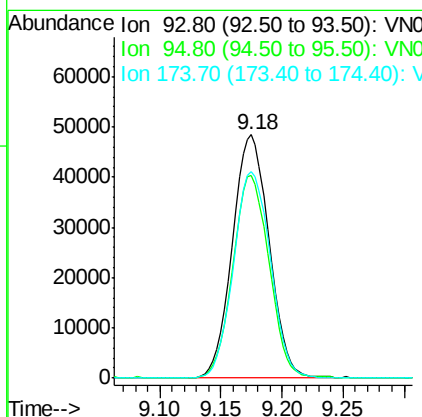
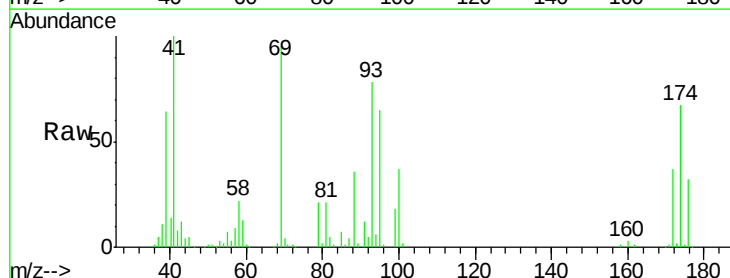
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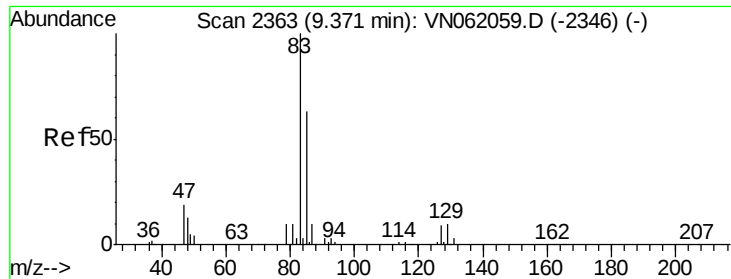
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#46
 Dibromomethane
 Concen: 48.790 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion: 93 Resp: 101269
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.6
 174 85.4 74.4 111.6





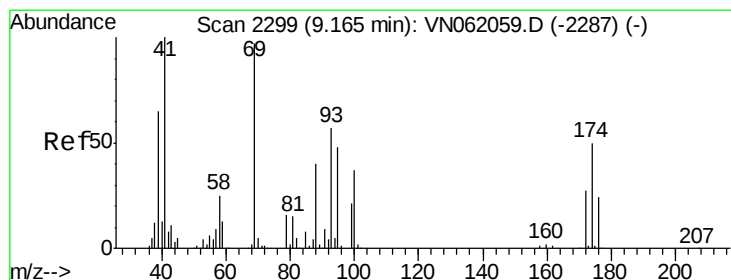
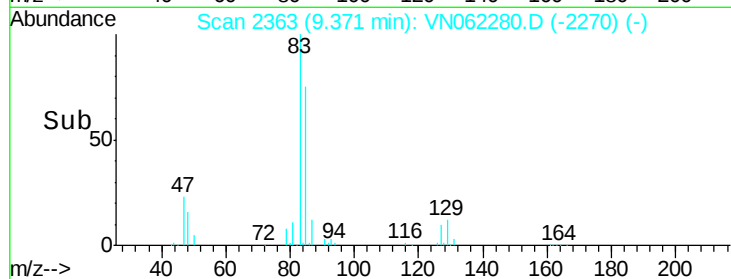
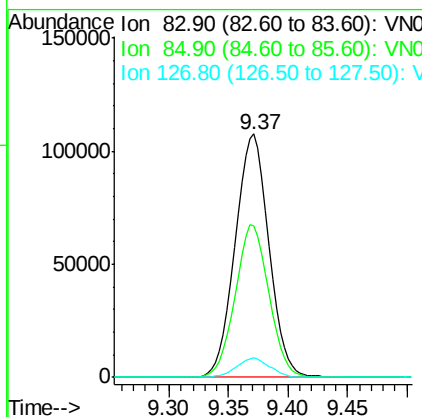
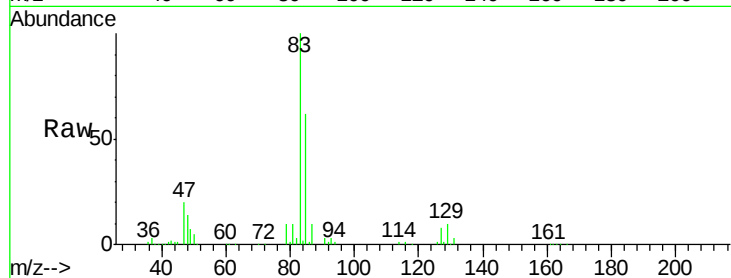
#47
Bromodichloromethane
Concen: 50.434 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.3	75.5
127	7.8	6.9	10.3

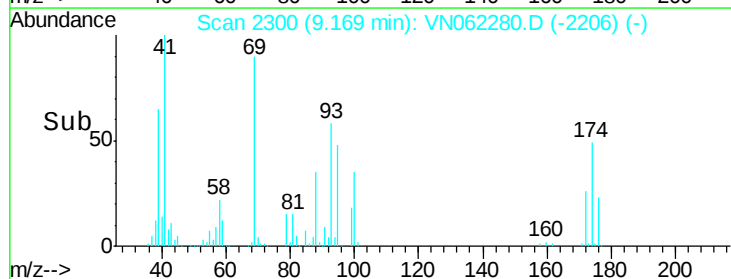
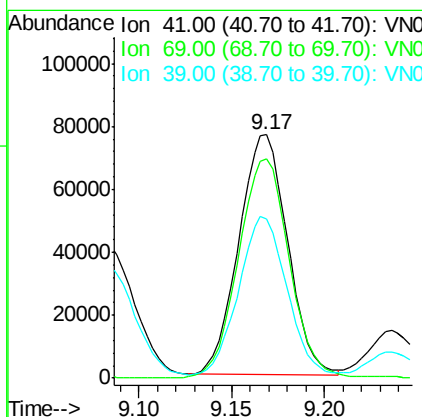
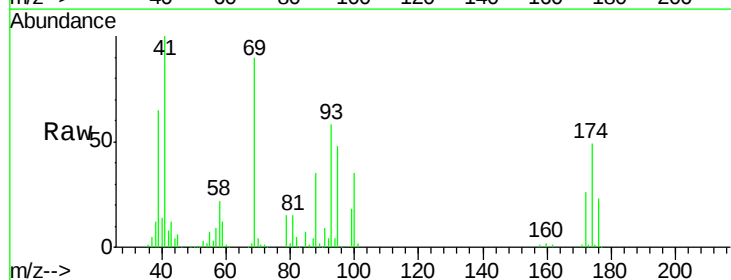
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#48
Methyl methacrylate
Concen: 56.717 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.5	80.7	121.1
39	67.3	54.5	81.7





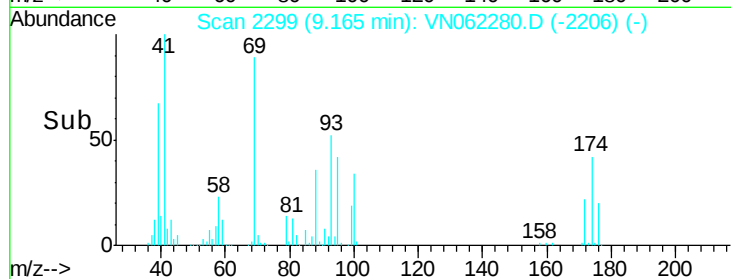
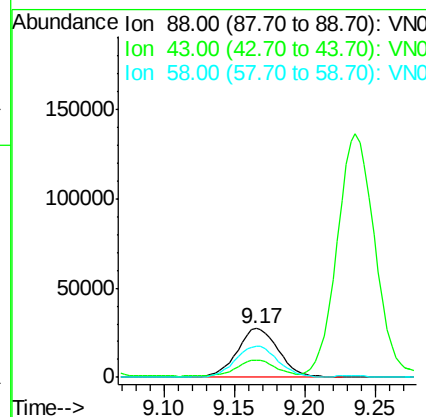
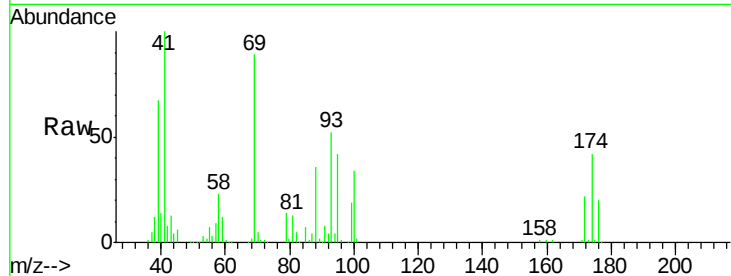
#49
1,4-Dioxane
Concen: 1035.976 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	22.0	33.0
58	64.9	49.2	73.8

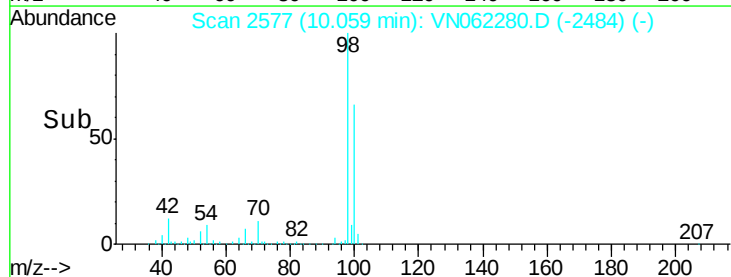
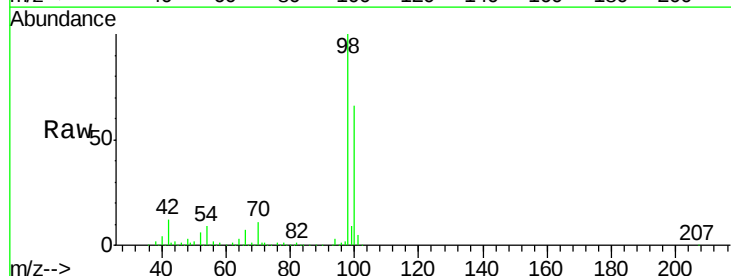
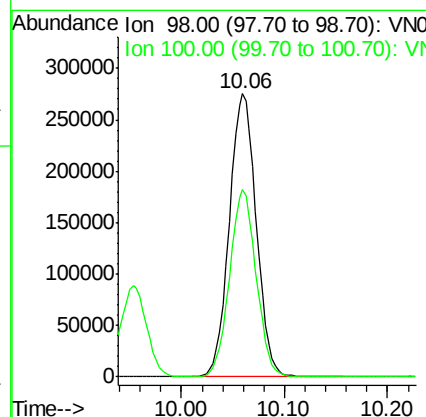
Manual Integrations
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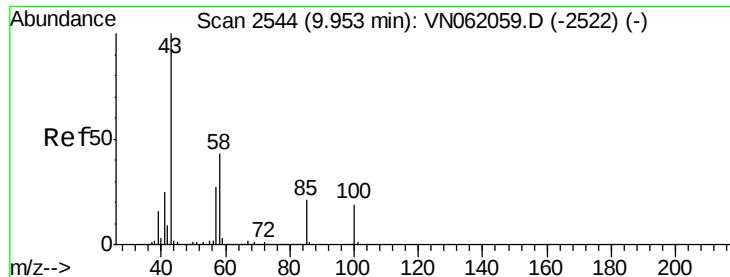
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#50
Toluene-d8
Concen: 48.222 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 293.189 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 941388

Ion Ratio Lower Upper

43 100

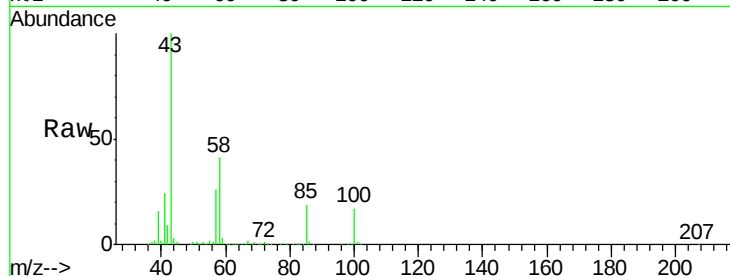
58 41.5 34.2 51.2

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Abundance Ion 43.00 (42.70 to 43.70): VN062280.D (-2541) (-)

Ion 58.00 (57.70 to 58.70): VN062280.D (-2541) (-)

600000

500000

400000

300000

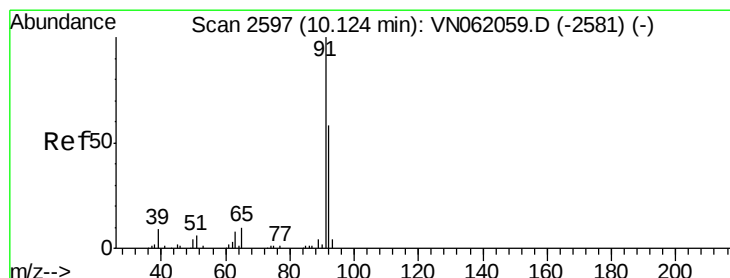
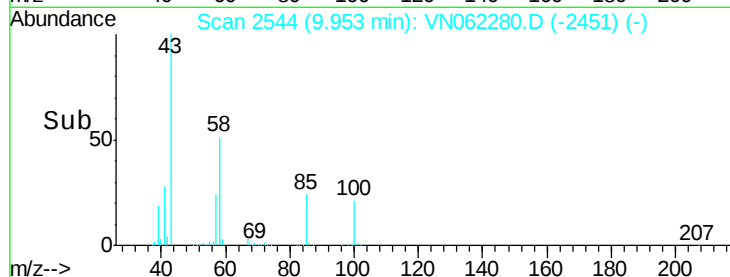
200000

100000

0

9.95

Time-->



#52

Toluene

Concen: 48.921 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062280.D

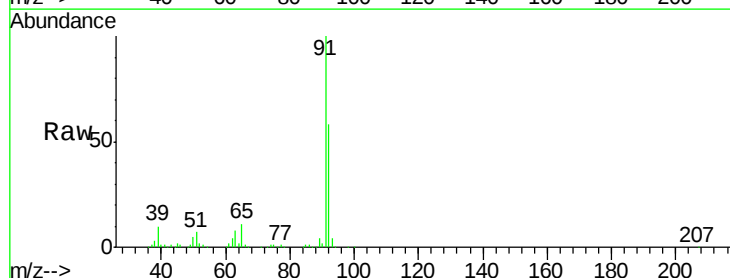
Acq: 1 Jul 2020 8:44

Tgt Ion: 92 Resp: 370396

Ion Ratio Lower Upper

92 100

91 172.1 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062280.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN062280.D (-2504) (-)

400000

300000

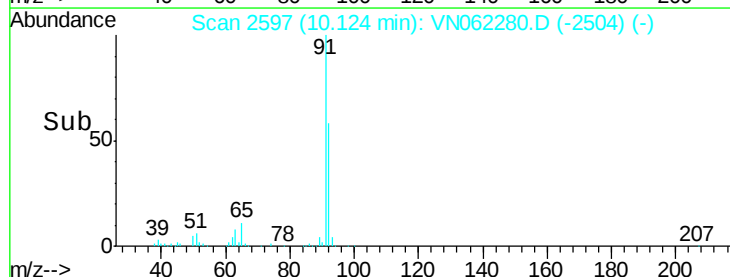
200000

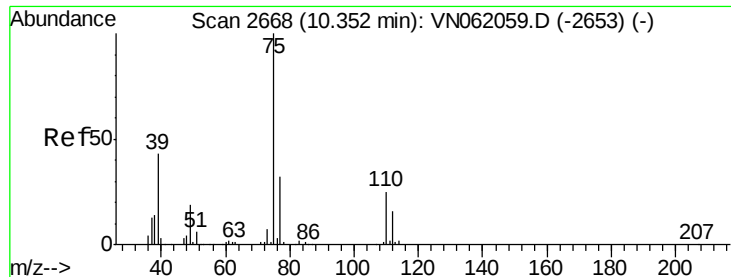
100000

0

10.12

Time-->





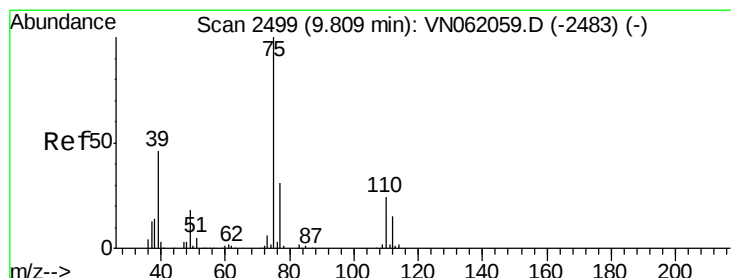
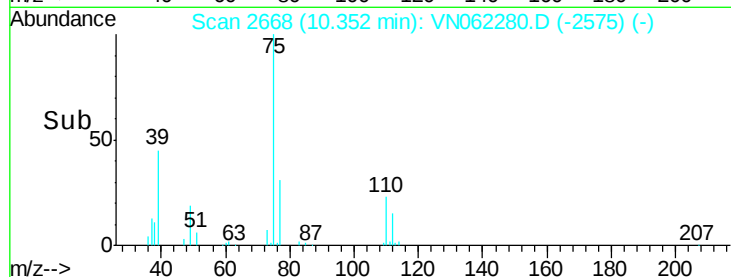
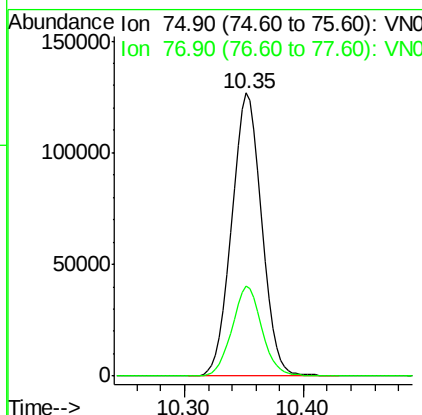
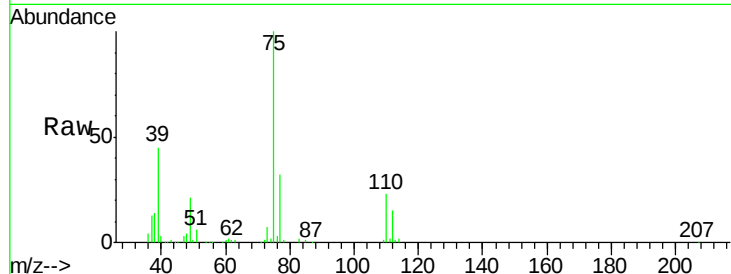
#53
t-1,3-Dichloropropene
Concen: 48.028 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 75 Resp: 221447
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3

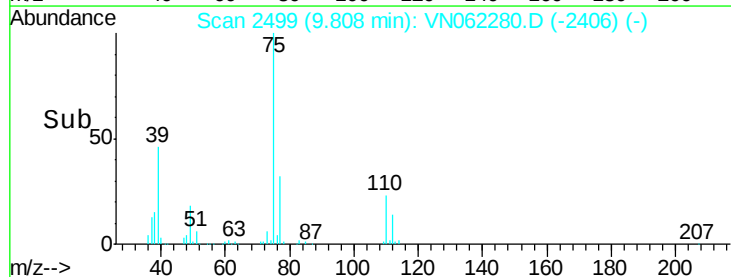
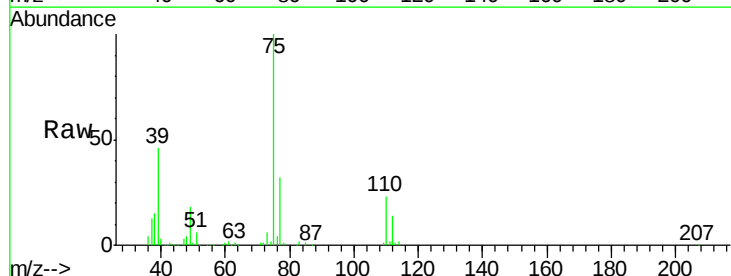
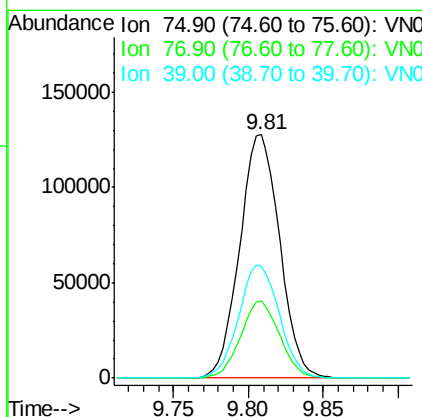
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#54
cis-1,3-Dichloropropene
Concen: 48.454 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion: 75 Resp: 237856
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6
39 46.0 36.9 55.3





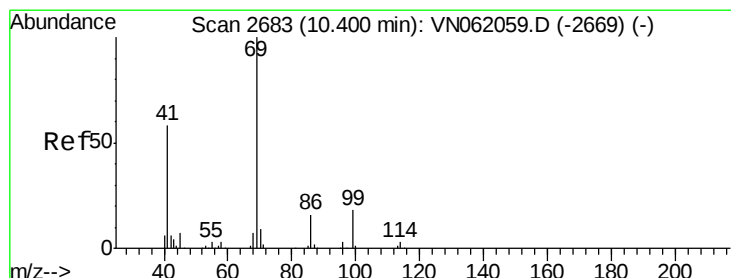
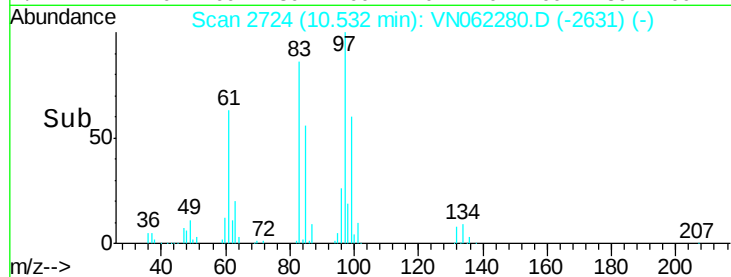
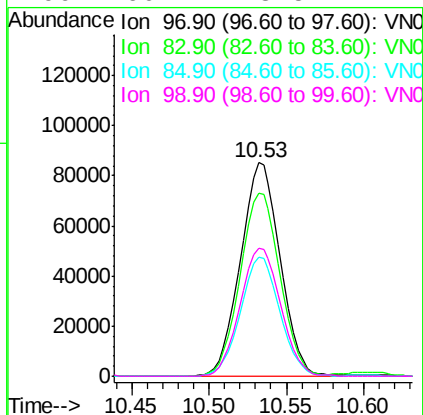
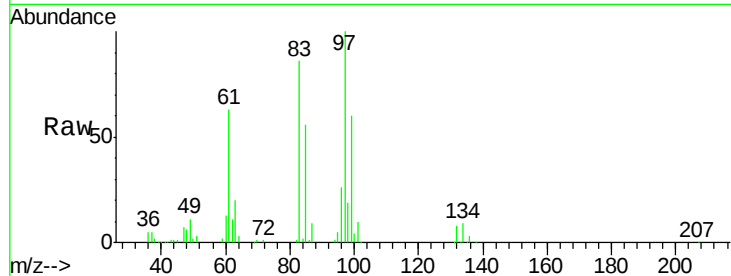
#55
 1,1,2-Trichloroethane
 Concen: 51.113 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	152126
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.2	102.2
85	55.8	43.2	64.8
99	60.2	48.5	72.7

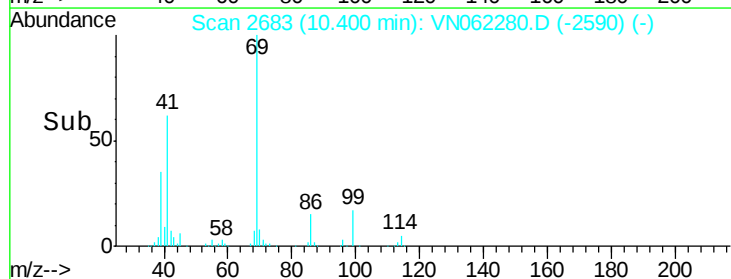
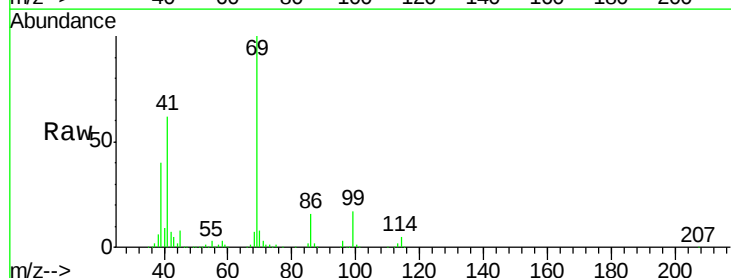
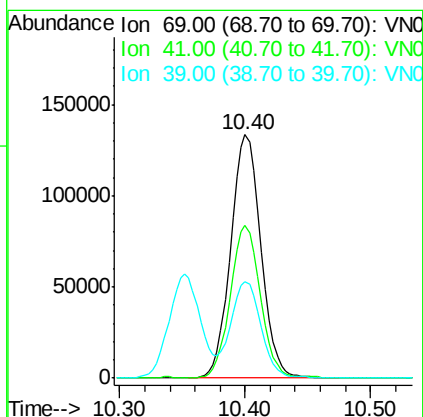
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#56
 Ethyl methacrylate
 Concen: 56.148 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion:	69	Resp:	223014
Ion	Ratio	Lower	Upper
69	100		
41	61.8	46.6	70.0
39	39.3	31.0	46.4





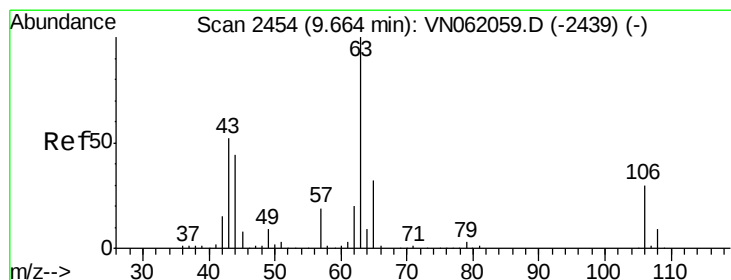
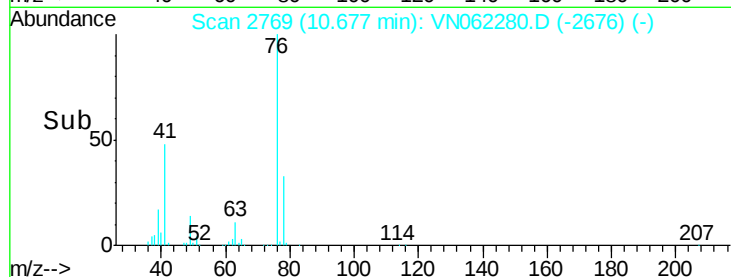
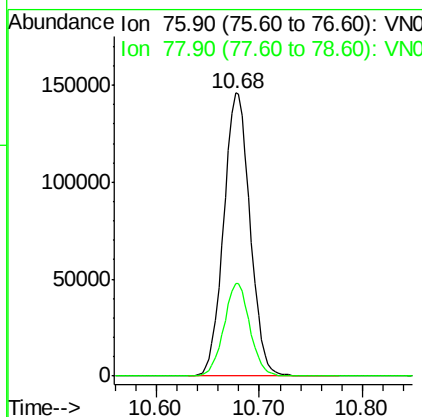
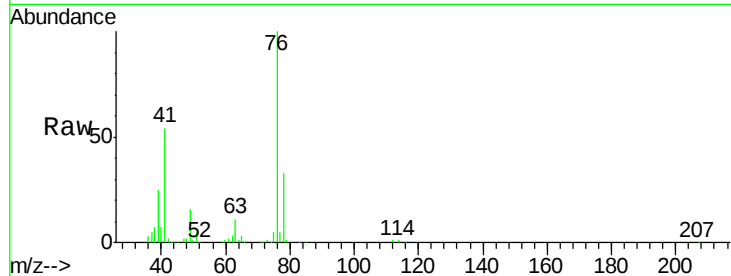
#57
 1,3-Dichloropropane
 Concen: 50.820 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 260343
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

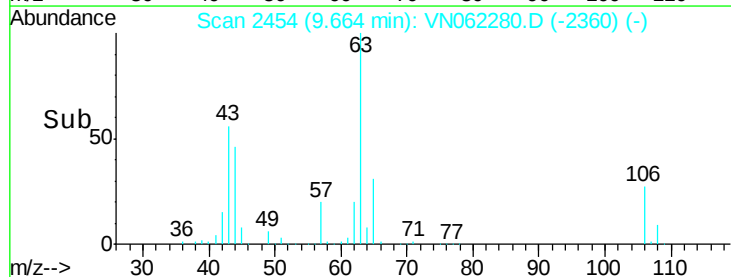
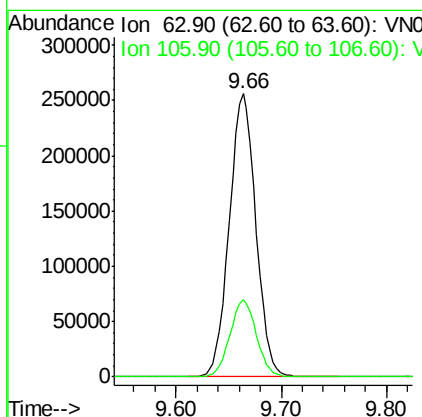
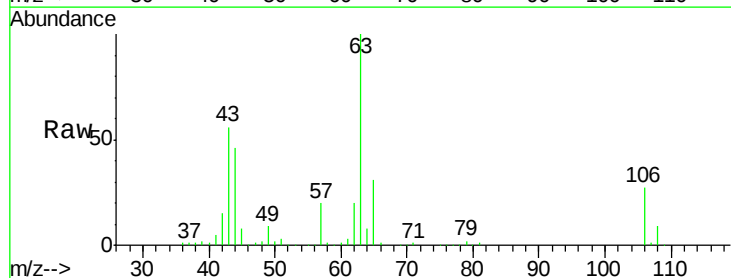
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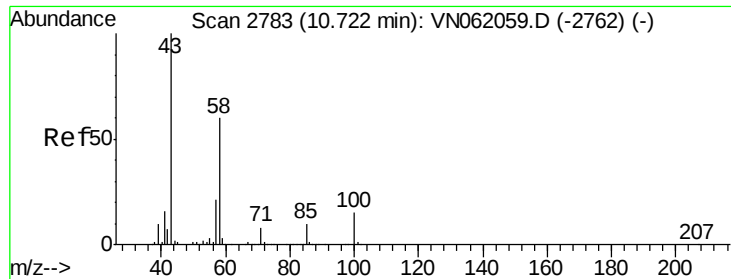
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.450 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion: 63 Resp: 445267
 Ion Ratio Lower Upper
 63 100
 106 27.2 23.2 34.8





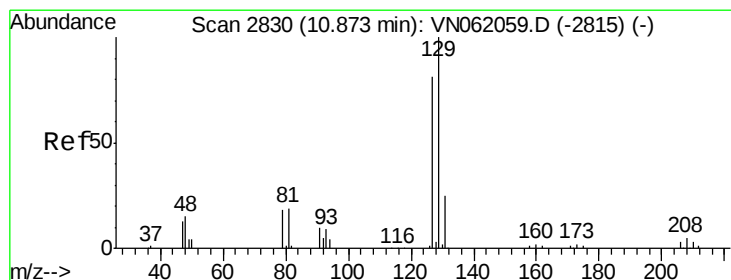
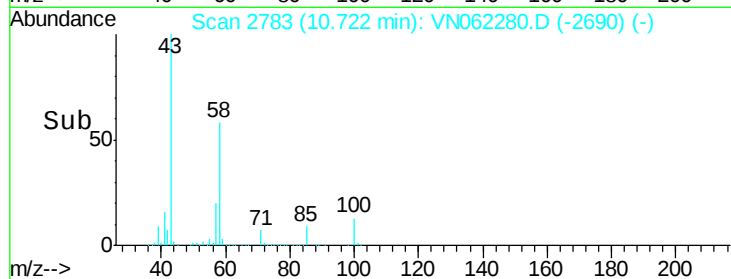
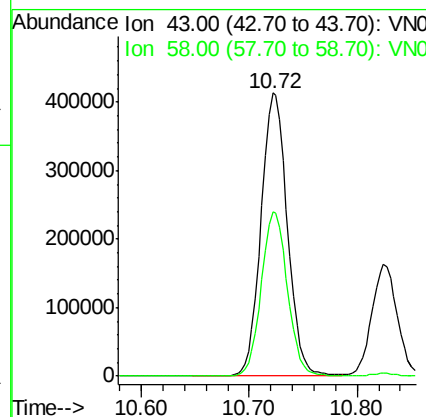
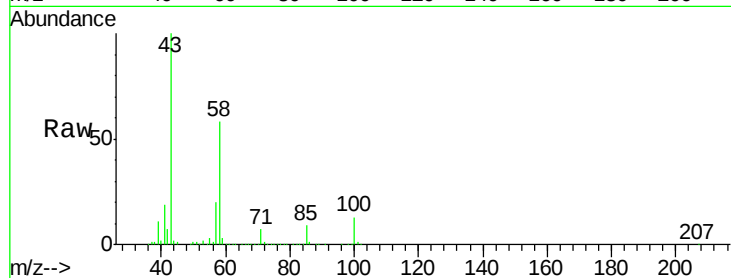
#59
2-Hexanone
Concen: 301.166 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.9	29.5	88.5

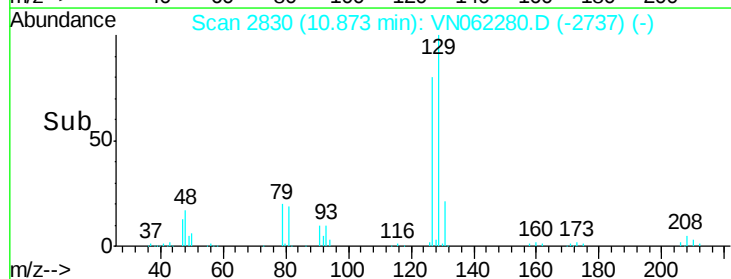
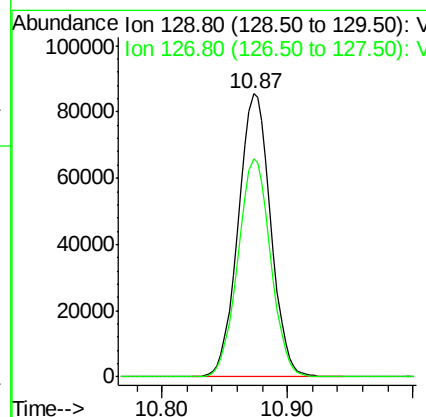
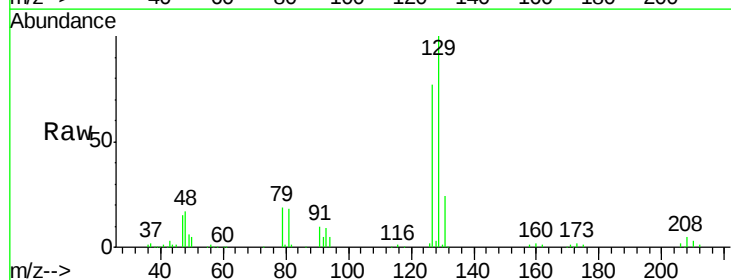
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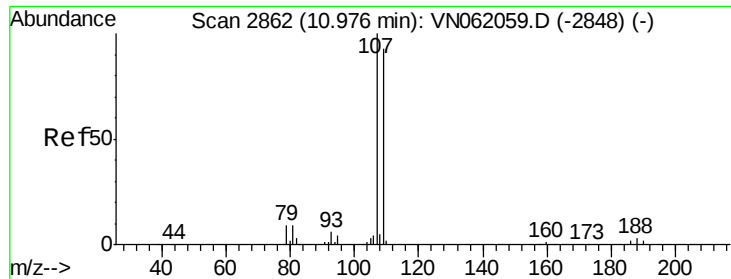
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#60
Dibromochloromethane
Concen: 48.814 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.5	118.5





#61

1,2-Dibromoethane

Concen: 48.951 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 149698

Ion Ratio Lower Upper

107 100

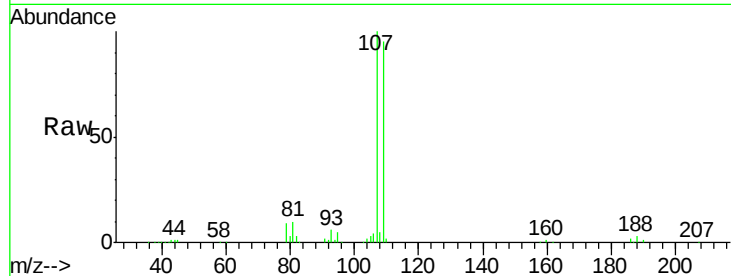
109 93.3 75.0 112.6

Manual Integrations

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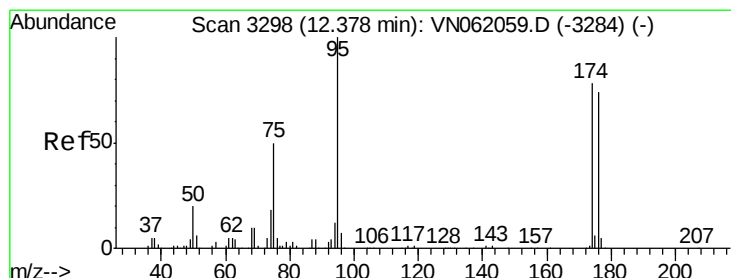
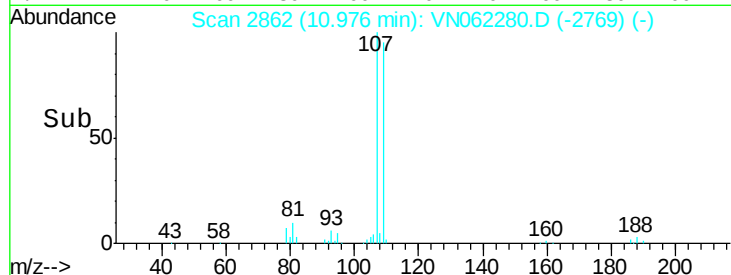
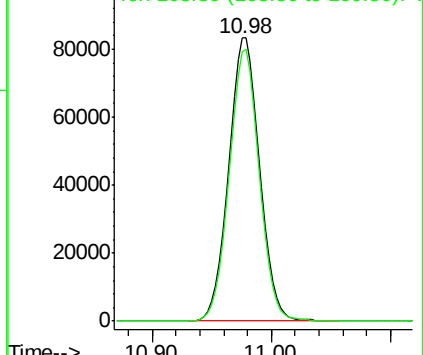
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.564 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

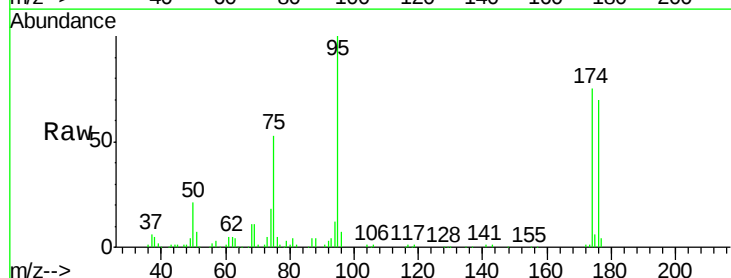
Tgt Ion: 95 Resp: 170431

Ion Ratio Lower Upper

95 100

174 73.5 0.0 154.8

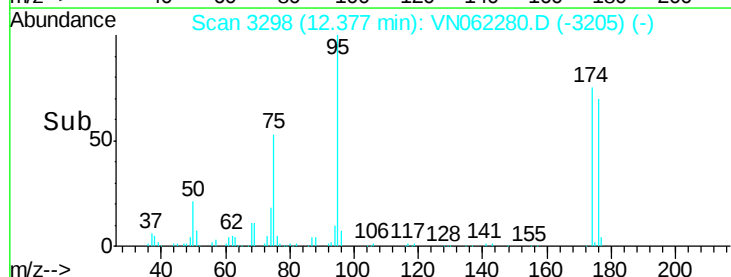
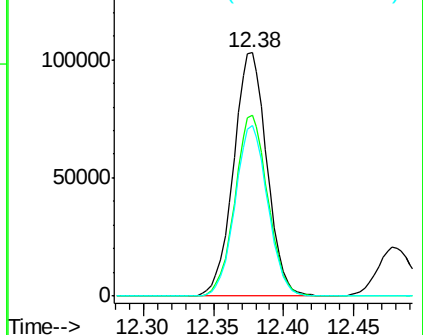
176 69.0 0.0 147.4

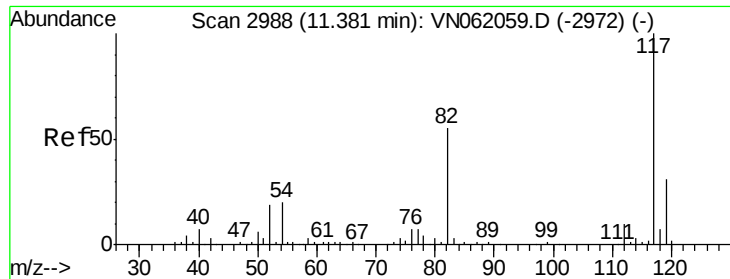


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





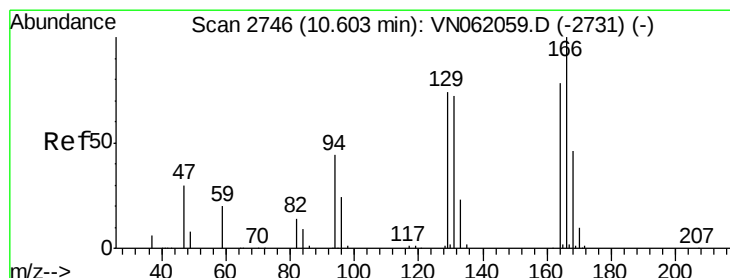
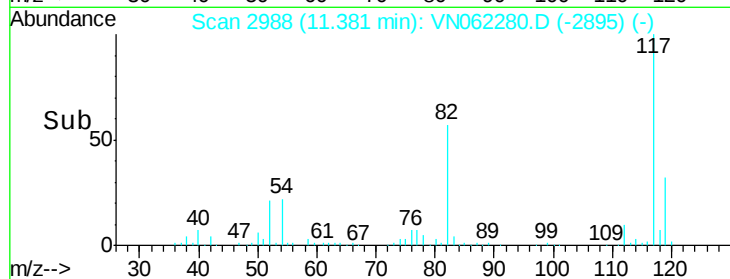
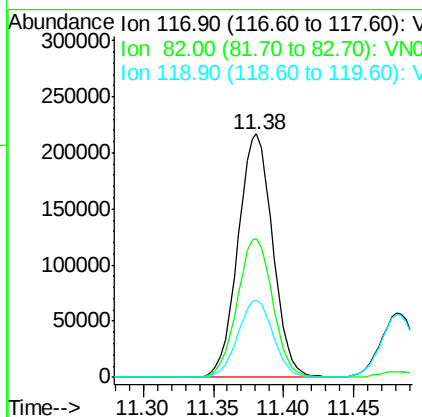
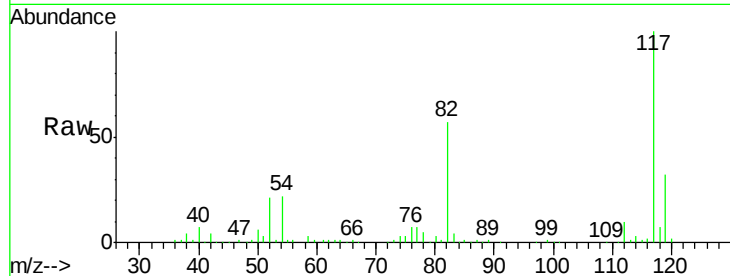
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.8	65.8
119	31.9	25.2	37.8

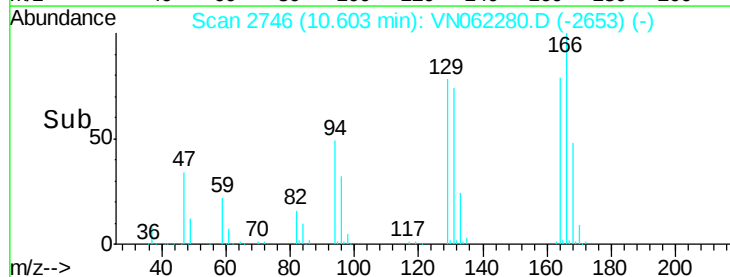
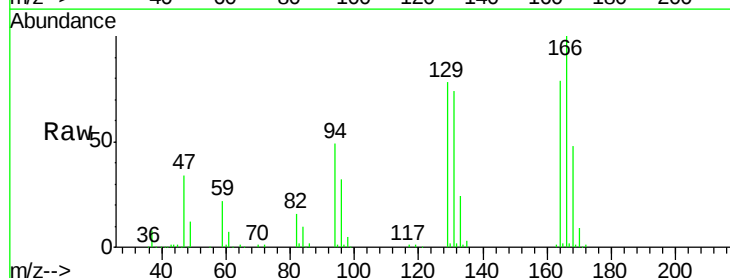
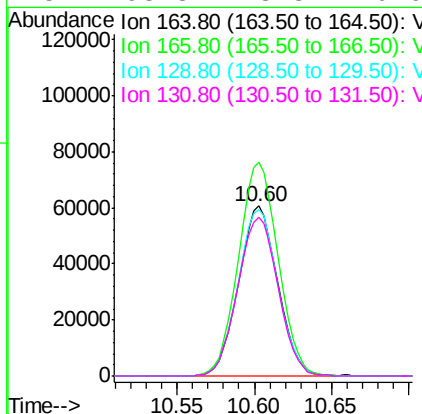
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#64
Tetrachloroethene
Concen: 41.819 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.9	154.3
129	98.4	75.8	113.8
131	93.3	73.8	110.6





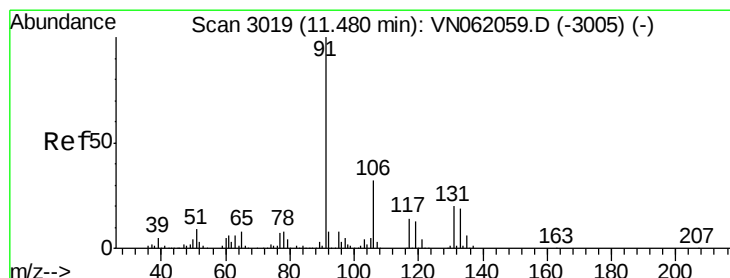
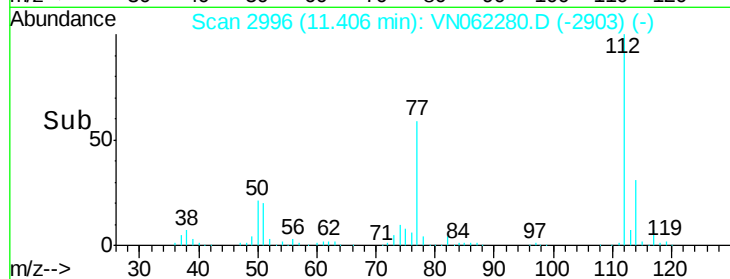
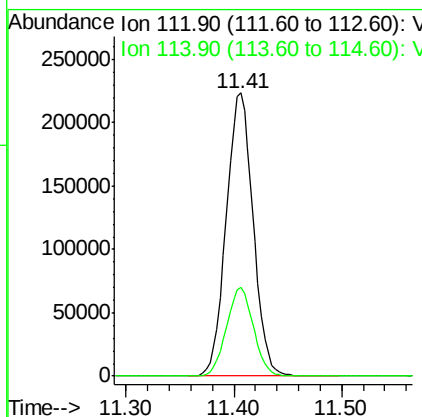
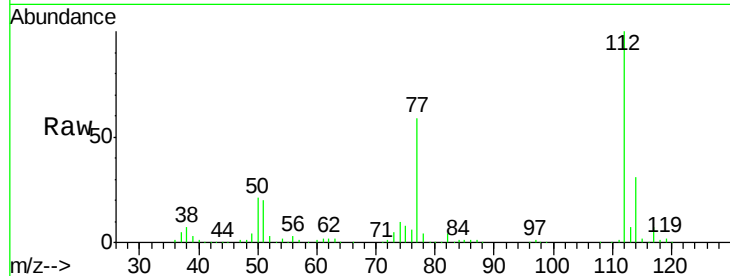
#65
Chlorobenzene
Concen: 47.303 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 388261
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

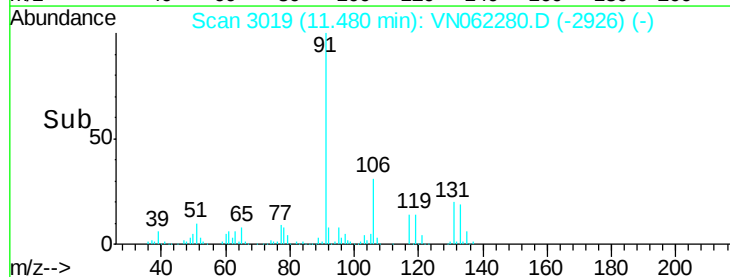
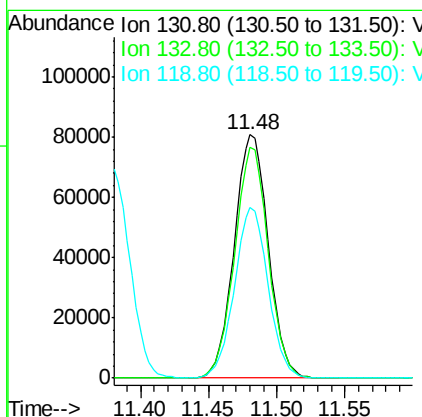
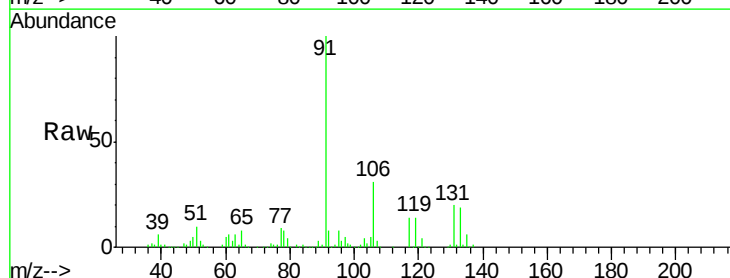
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.436 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion:131 Resp: 140310
Ion Ratio Lower Upper
131 100
133 93.5 47.6 142.9
119 68.9 34.4 103.3





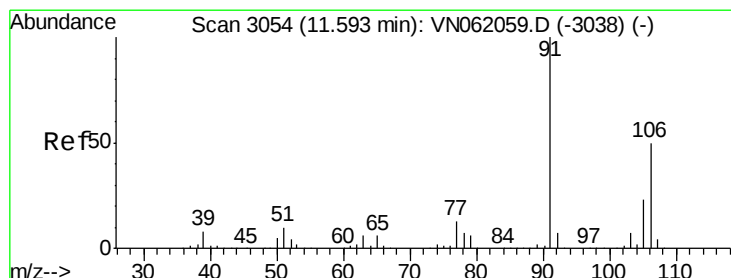
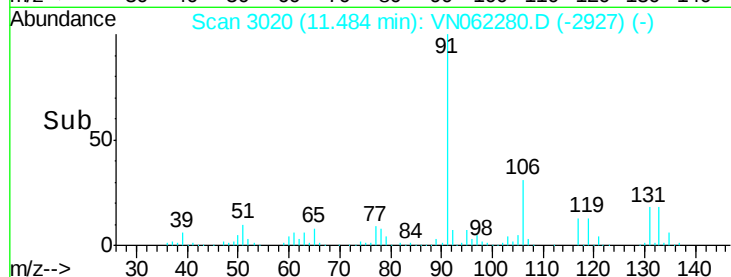
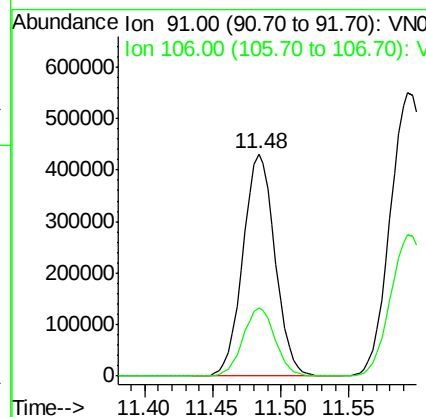
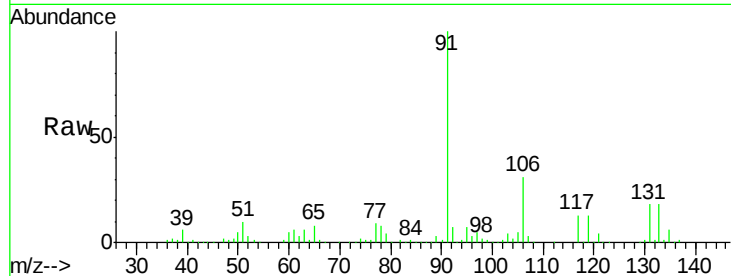
#67
Ethyl Benzene
Concen: 50.768 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 703750
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9

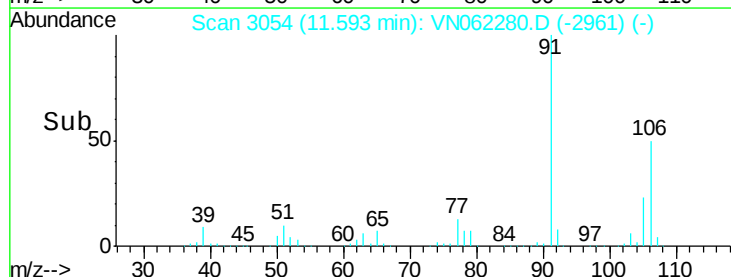
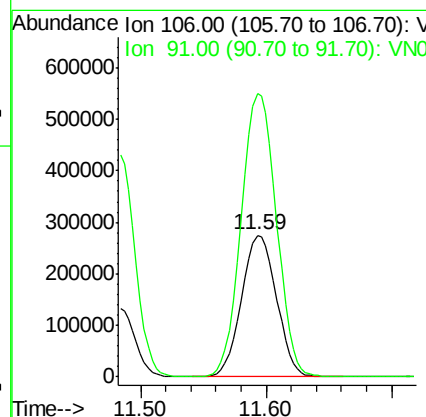
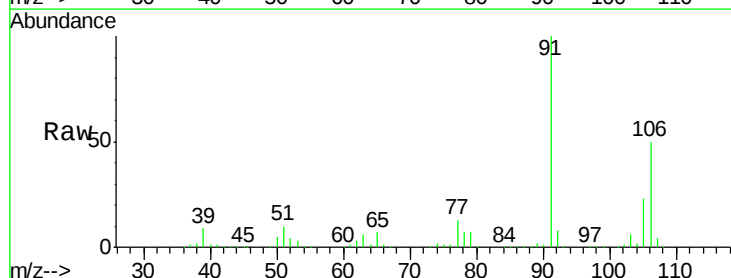
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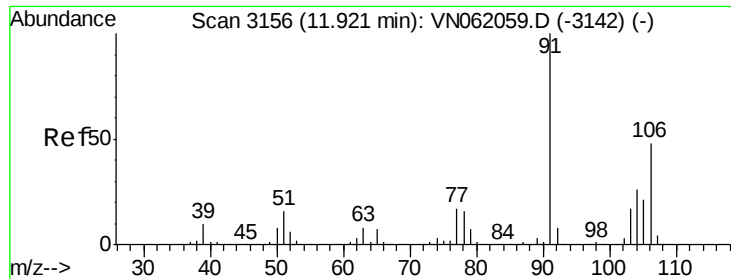
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#68
m/p-Xylenes
Concen: 98.730 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion: 106 Resp: 529359
Ion Ratio Lower Upper
106 100
91 202.2 157.8 236.8





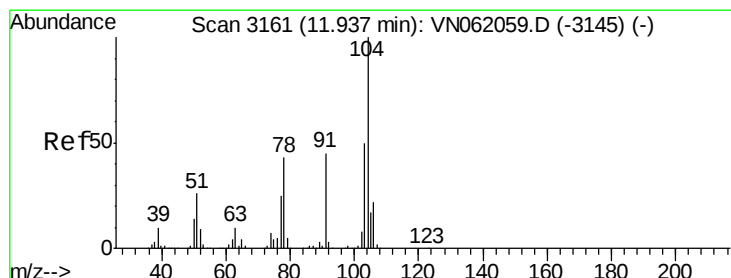
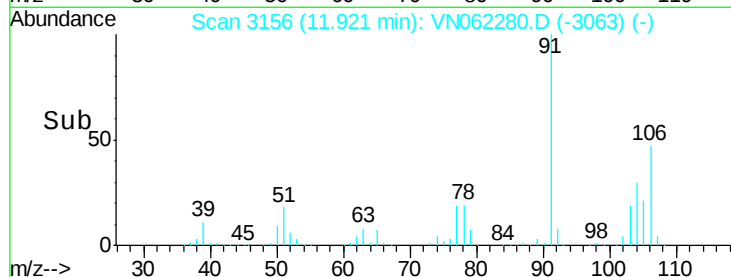
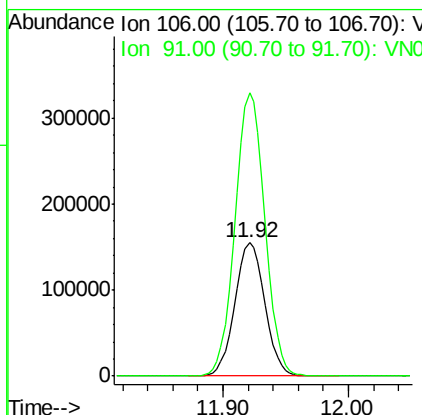
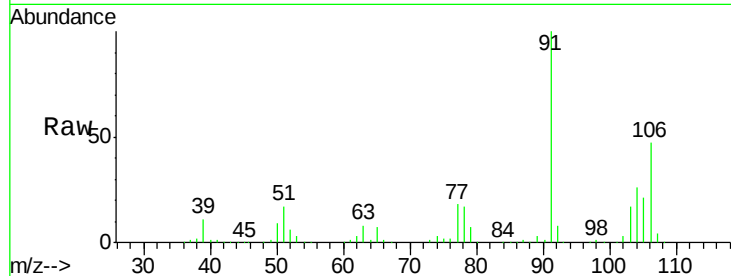
#69
o-Xylene
Concen: 50.906 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 257524
Ion Ratio Lower Upper
106 100
91 211.7 104.0 311.9

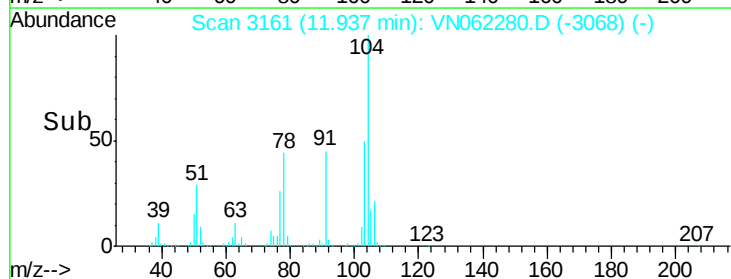
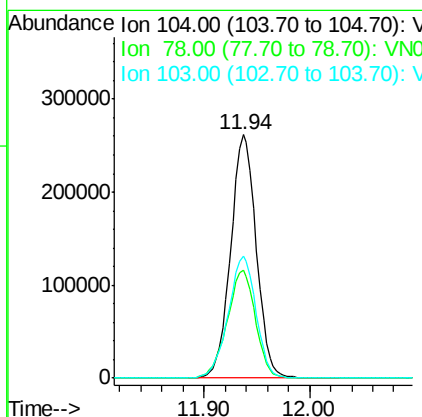
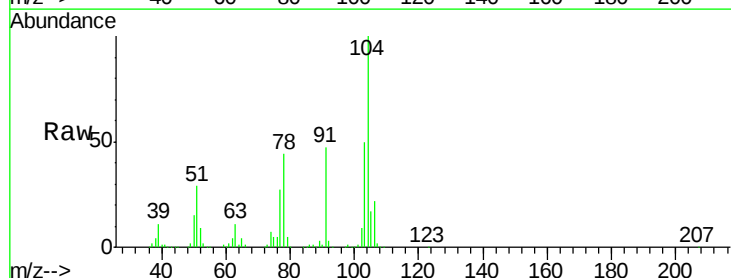
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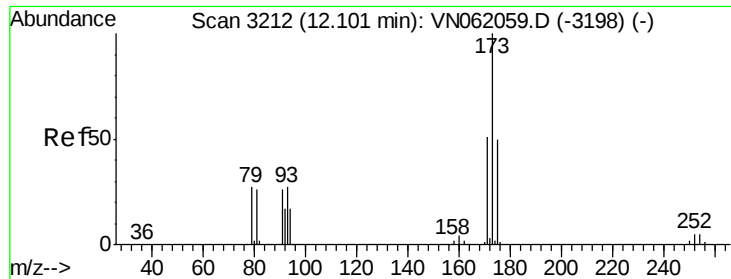
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#70
Styrene
Concen: 52.083 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion:104 Resp: 439412
Ion Ratio Lower Upper
104 100
78 48.8 37.7 56.5
103 54.4 43.0 64.6





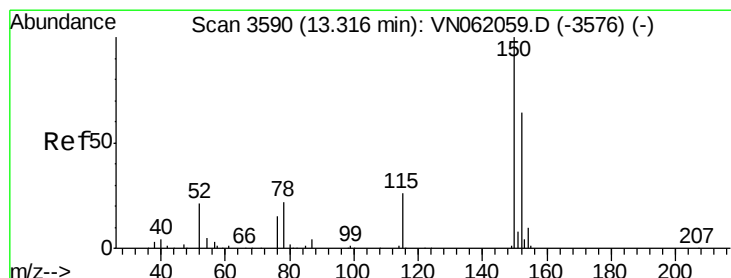
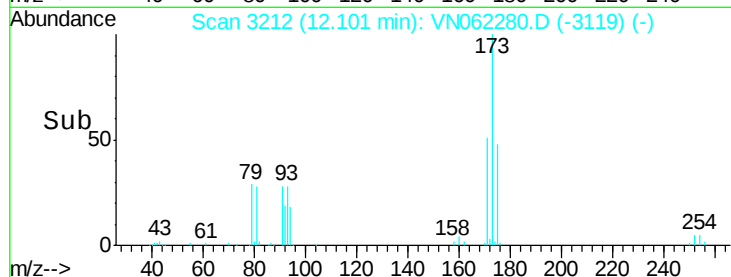
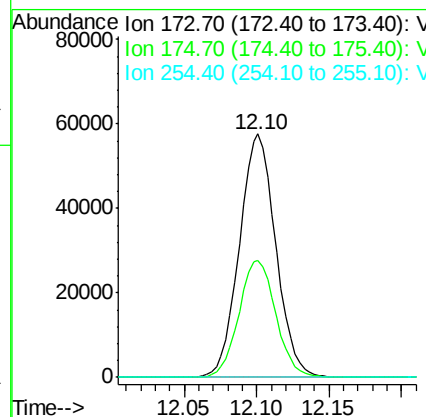
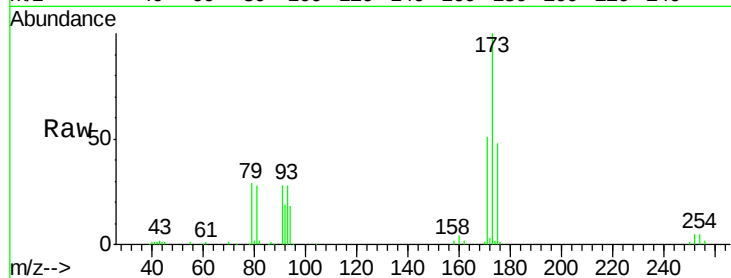
#71
Bromoform
Concen: 49.747 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.7	74.1
254	0.0	0.0	0.0

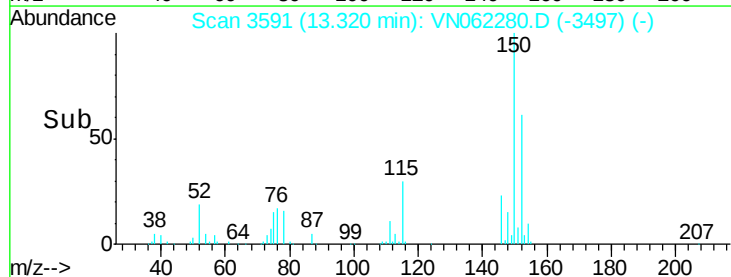
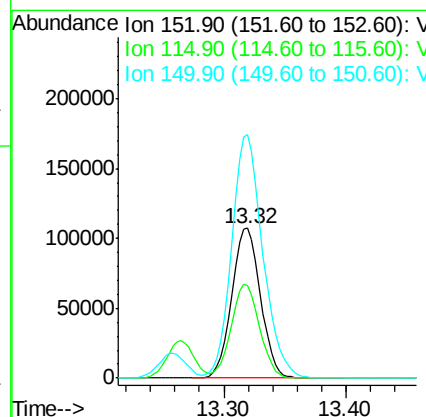
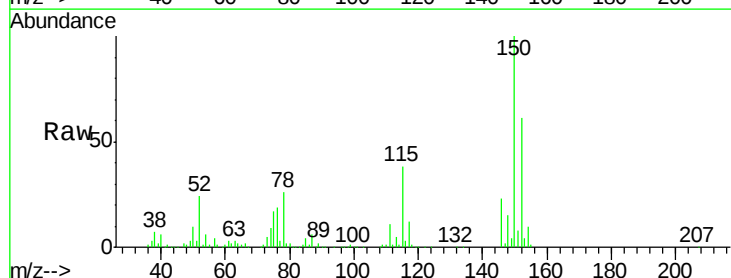
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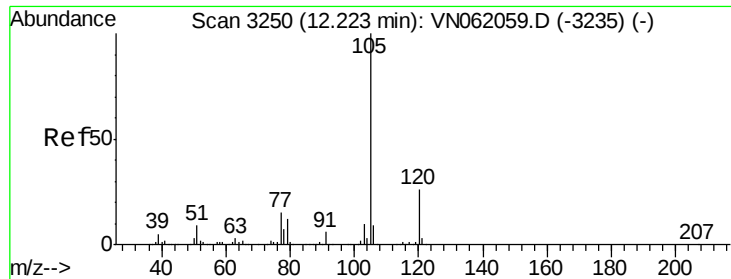
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	29.5	88.5
150	175.0	0.0	351.4





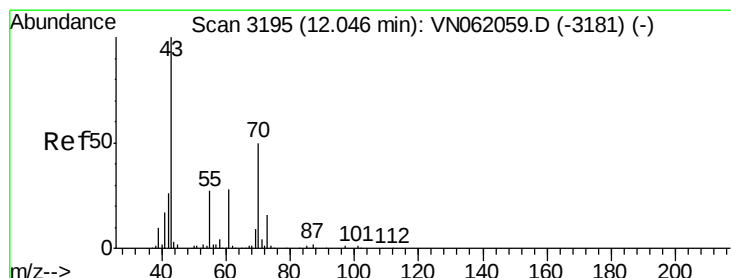
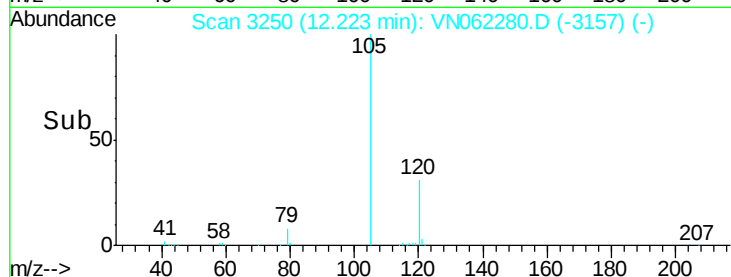
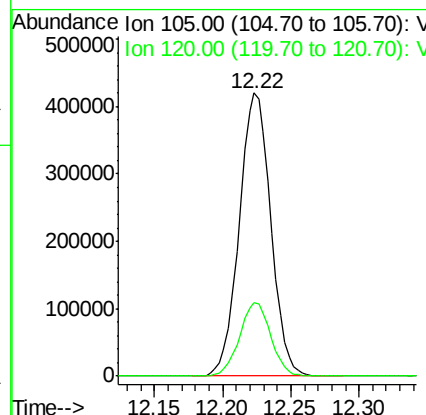
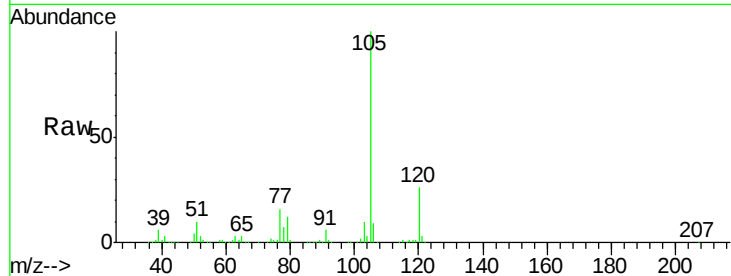
#73
Isopropylbenzene
Concen: 49.279 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.2	39.6

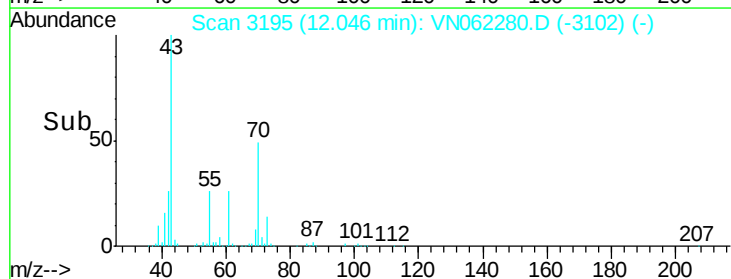
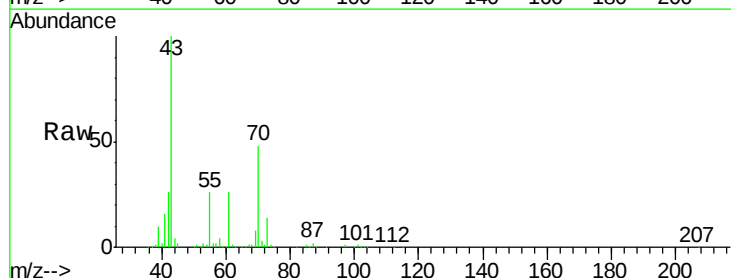
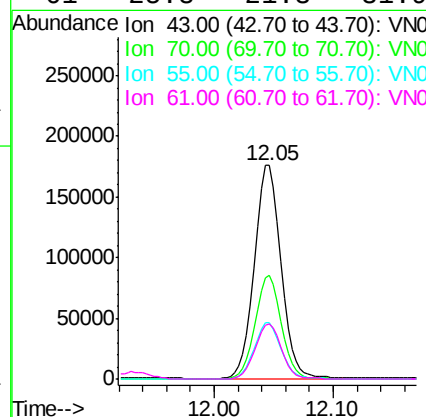
Manual Integrations
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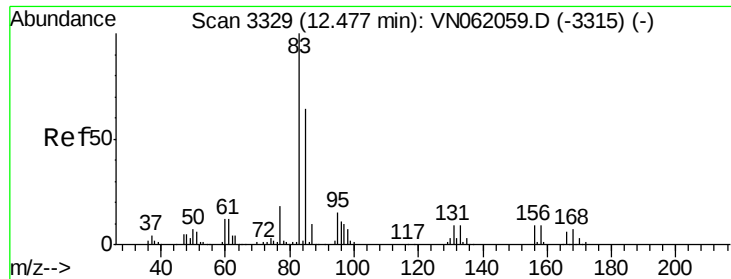
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#74
N-ethyl acetate
Concen: 54.050 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.7	39.4	59.2
55	26.9	21.7	32.5
61	25.8	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.407 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

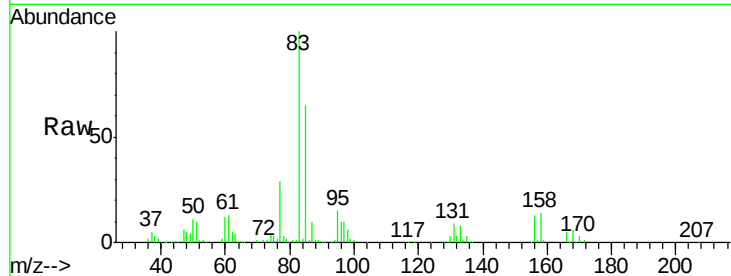
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	233730
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.8	14.4
85	64.6	32.4	97.0

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Abundance Ion 82.90 (82.60 to 83.60): VN062280.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062280.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062280.D (-3236) (-)

12.48

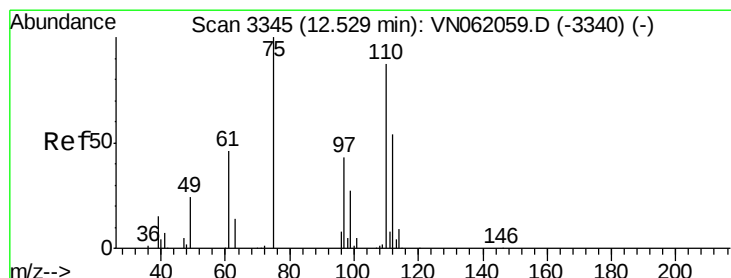
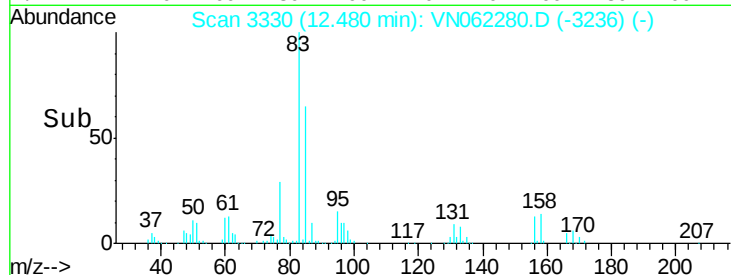
150000

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 46.779 ug/l m

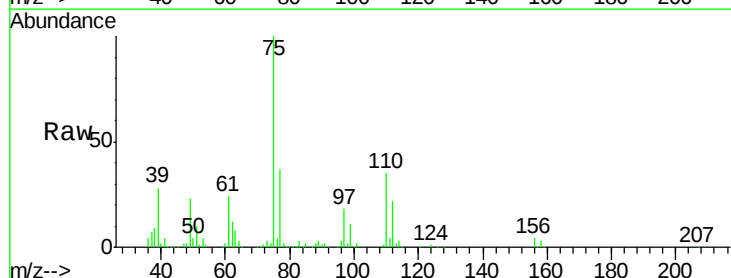
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Tgt Ion:	75	Resp:	194371
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062280.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062280.D (-3252) (-)

200000

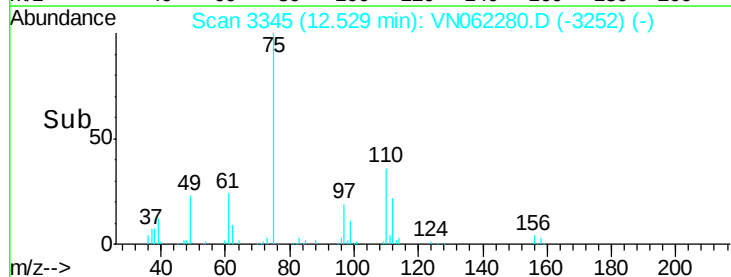
150000

100000

50000

0

Time--> 12.50 12.55





#77

Bromobenzene

Concen: 45.309 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

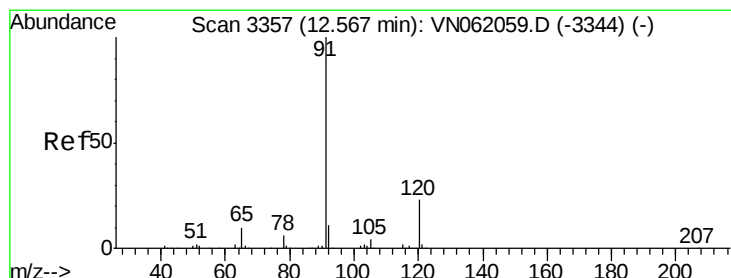
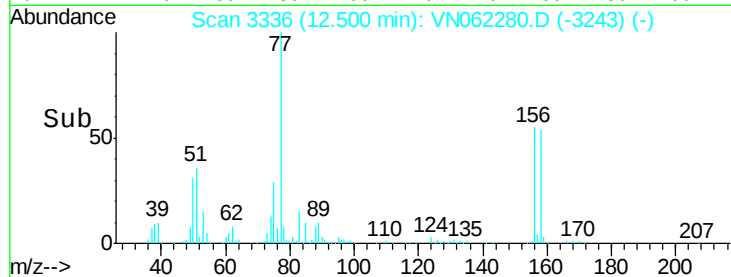
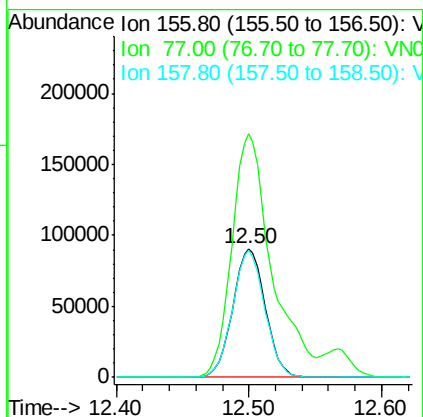
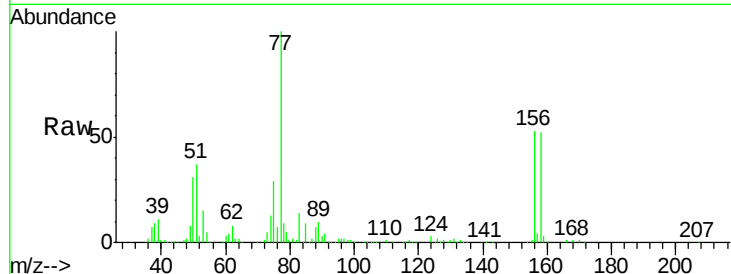
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	232.5	104.6	313.8
158	97.8	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 50.425 ug/l

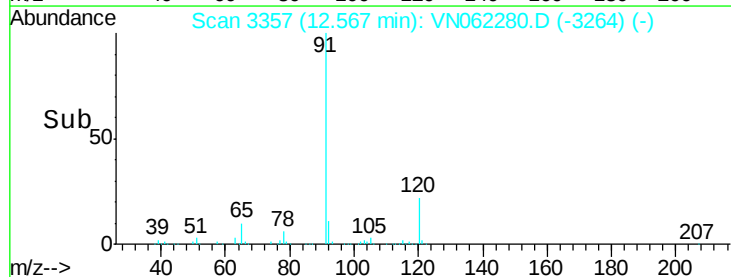
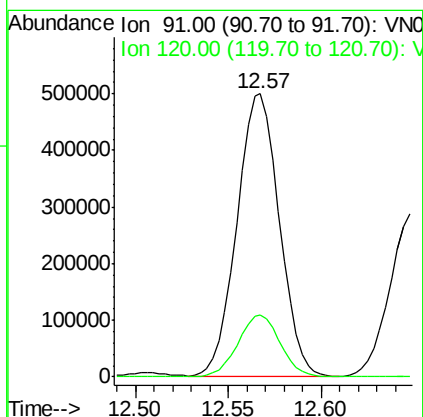
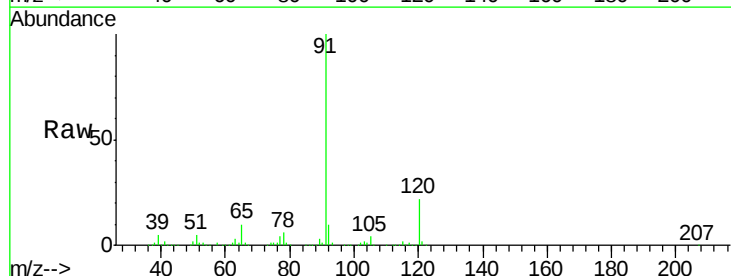
RT: 12.57 min Scan# 3357

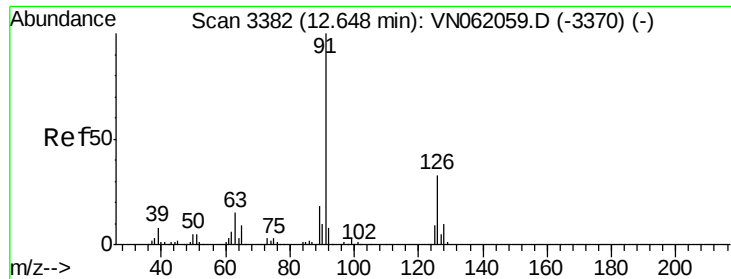
Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.4	34.1





#79

2-Chlorotoluene

Concen: 50.077 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 473131

Ion Ratio Lower Upper

91 100

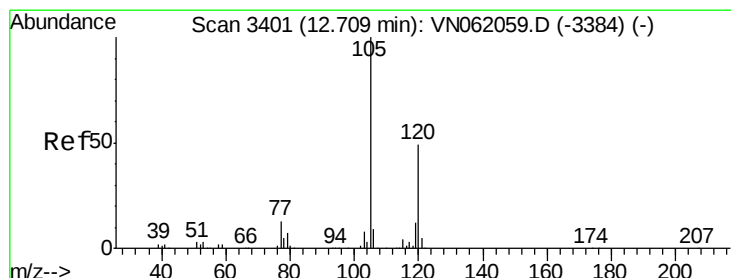
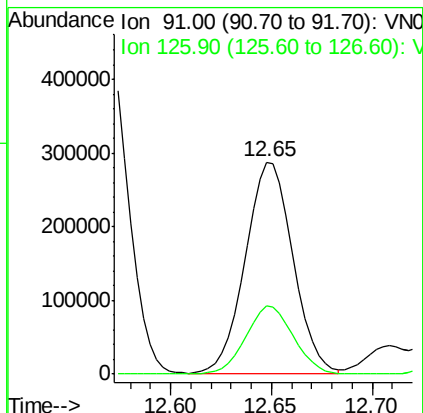
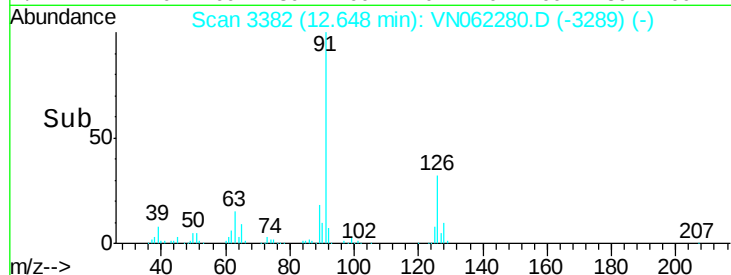
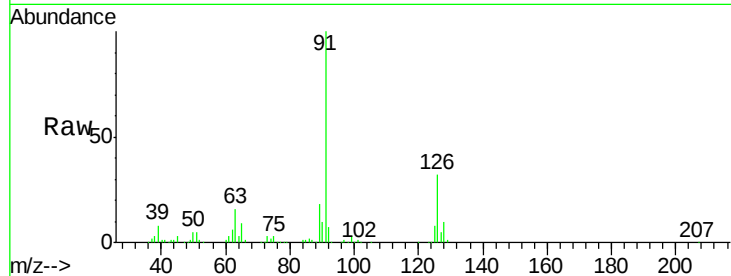
126 32.3 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.401 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062280.D

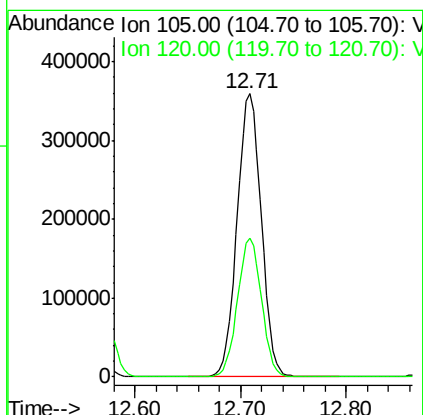
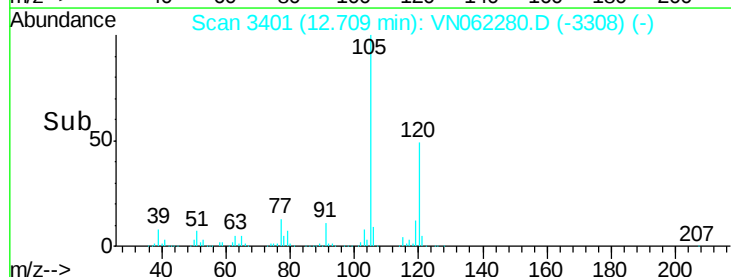
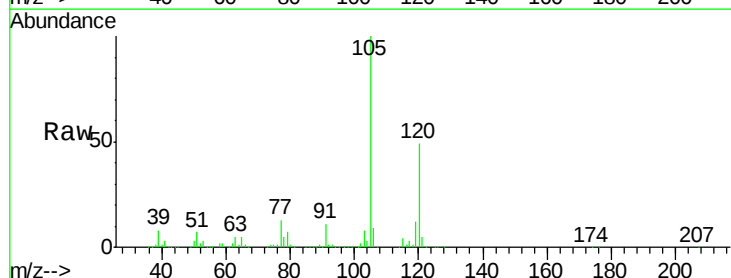
Acq: 1 Jul 2020 8:44

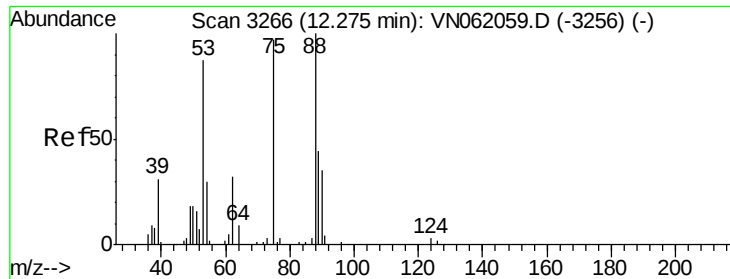
Tgt Ion: 105 Resp: 569303

Ion Ratio Lower Upper

105 100

120 48.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.018 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Instrument :

MSVOA_N

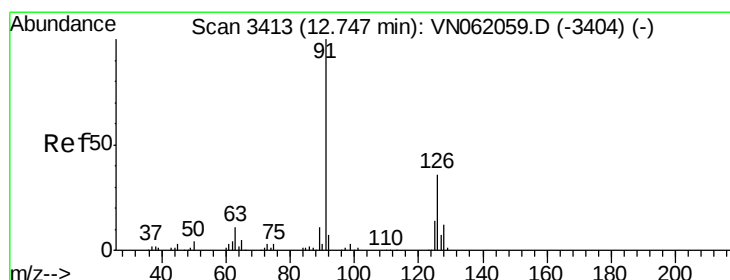
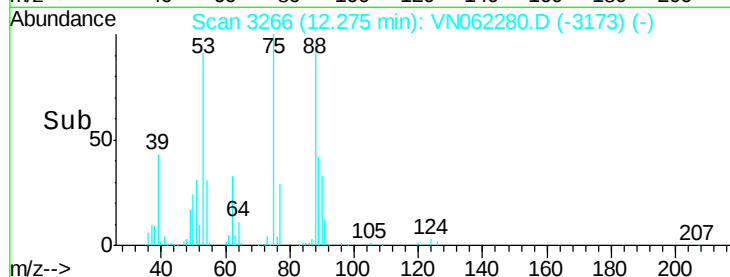
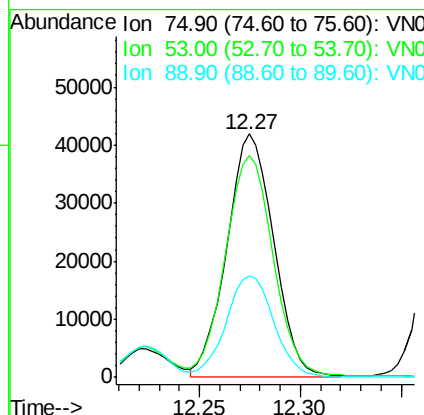
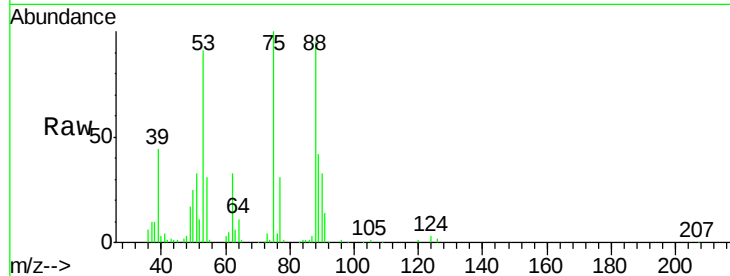
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	68319
Ion Ratio	Lower	Upper	
75	100		
53	92.7	72.0	108.0
89	42.5	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.163 ug/l

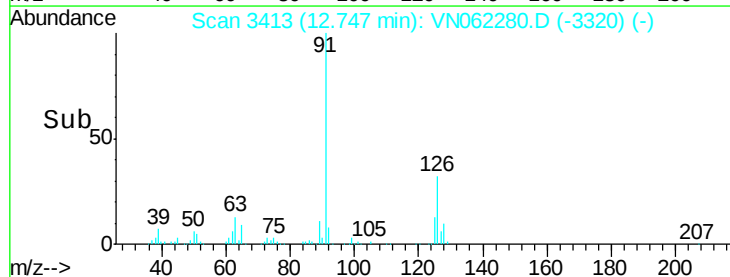
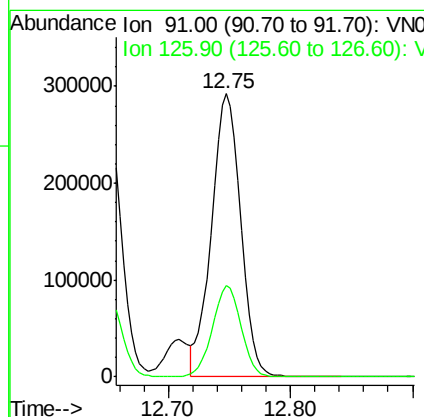
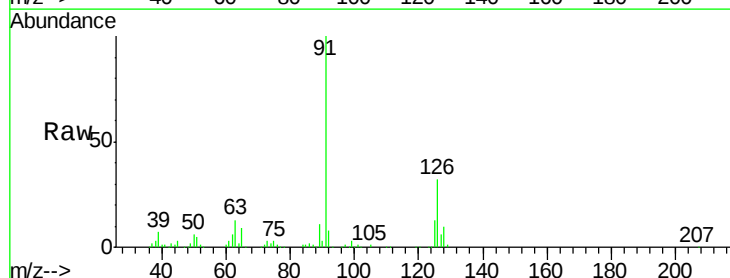
RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062280.D

Acq: 1 Jul 2020 8:44

Tgt Ion:	91	Resp:	490102
Ion Ratio	Lower	Upper	
91	100		
126	31.8	16.7	50.1





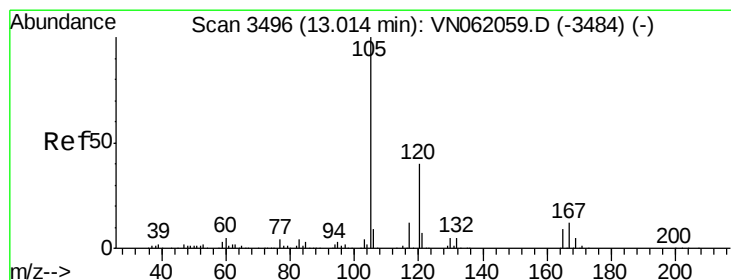
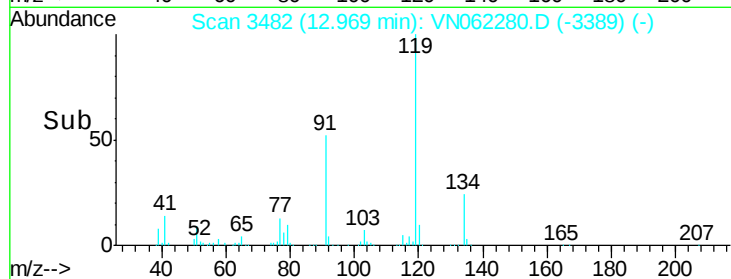
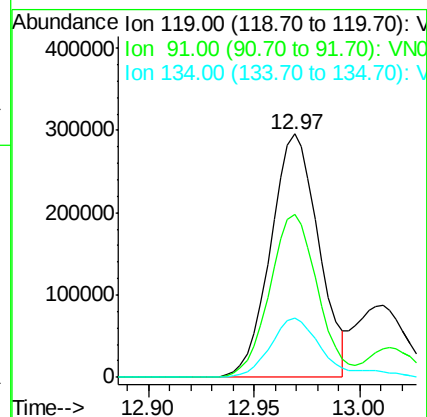
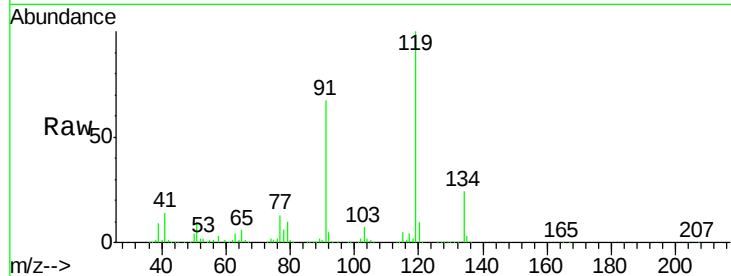
#83
tert-Butylbenzene
Concen: 49.311 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.3	31.7	95.1
134	24.8	13.1	39.1

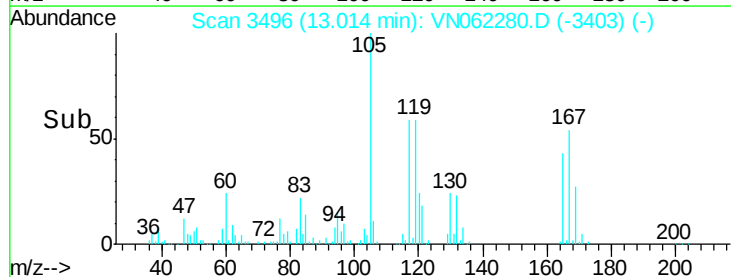
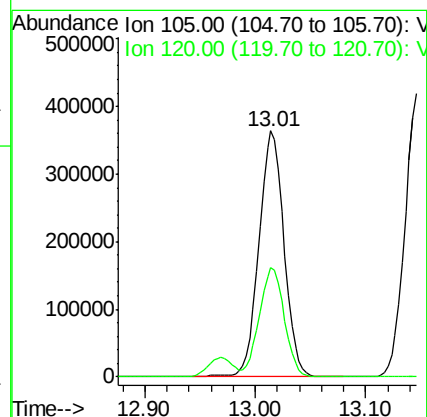
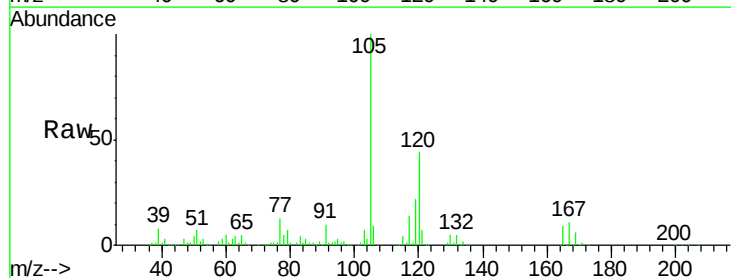
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 51.925 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.2	69.5





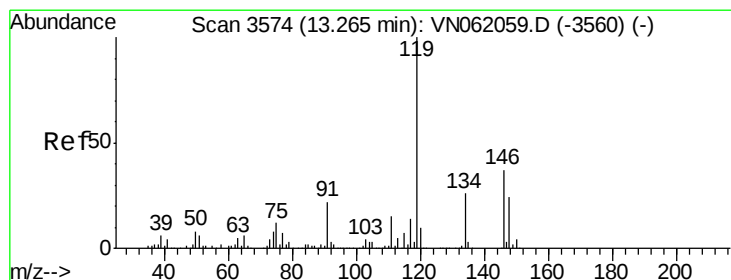
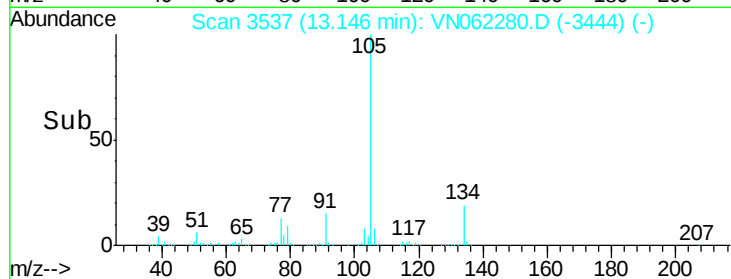
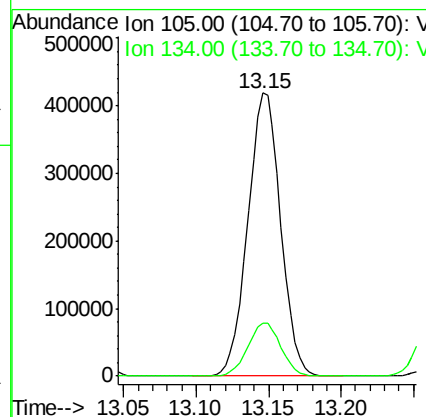
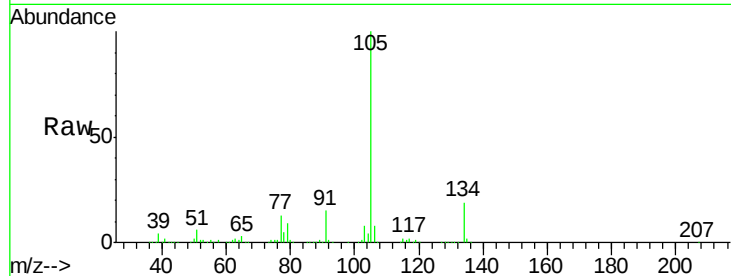
#85
 sec-Butylbenzene
 Concen: 52.493 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.7	29.1

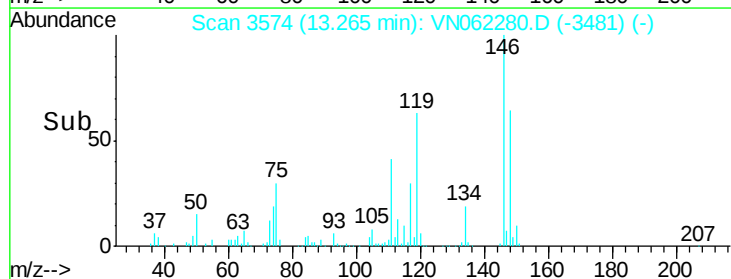
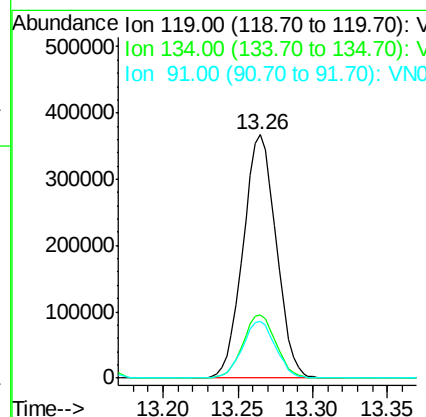
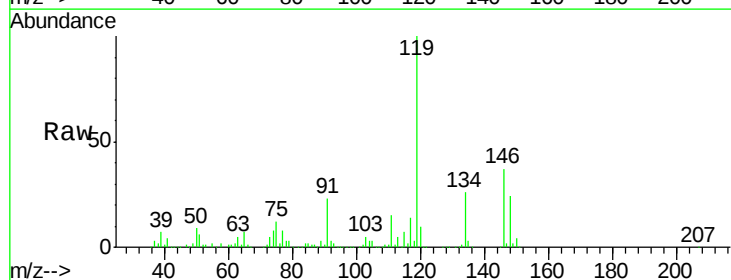
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 51.471 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	39.0
91	23.3	11.3	33.8





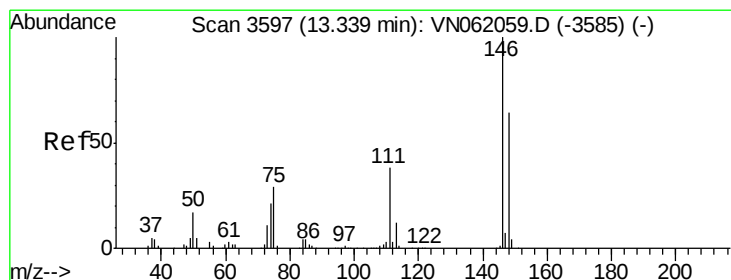
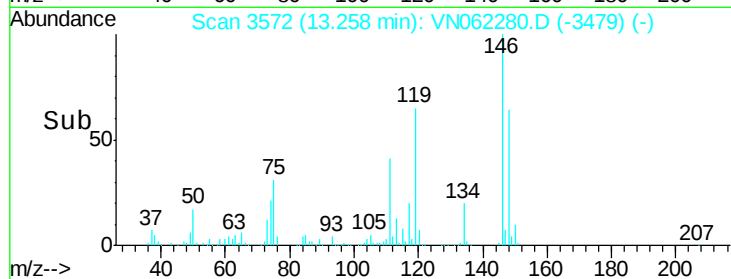
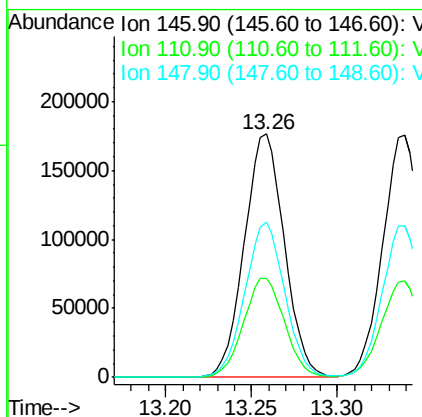
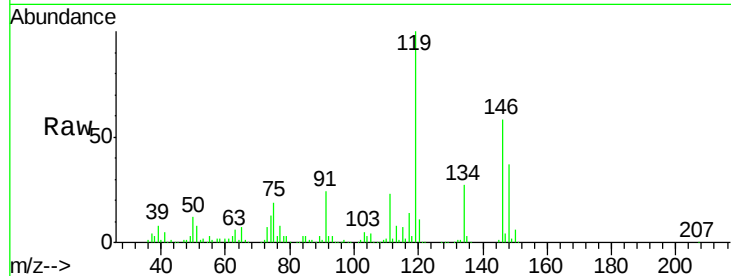
#87
 1,3-Dichlorobenzene
 Concen: 47.953 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	285629		
111	41.6	20.3	61.0	
148	63.2	31.8	95.3	

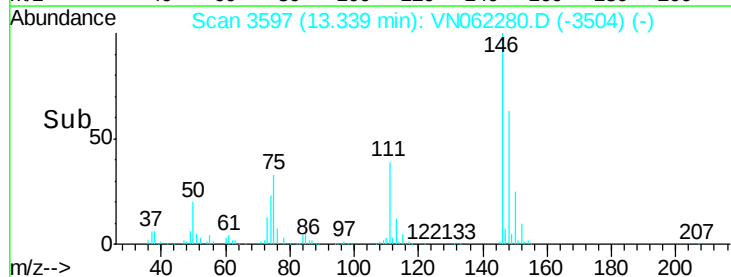
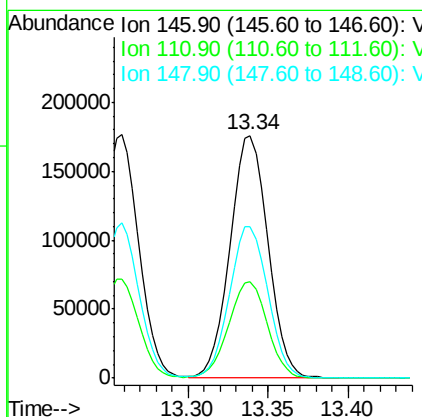
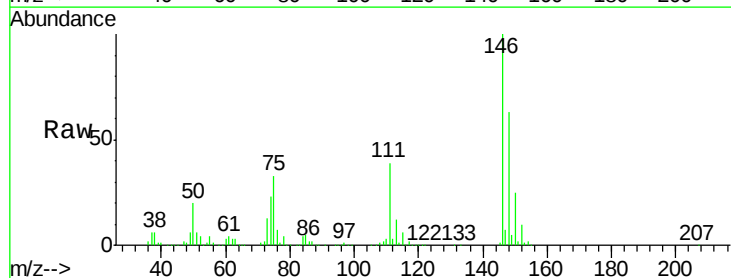
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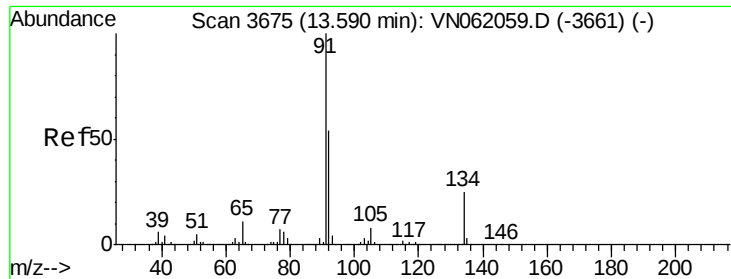
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#88
 1,4-Dichlorobenzene
 Concen: 46.017 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	282542		
111	40.6	19.9	59.6	
148	64.0	31.9	95.9	





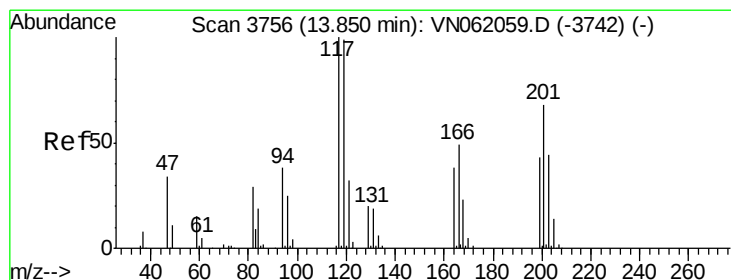
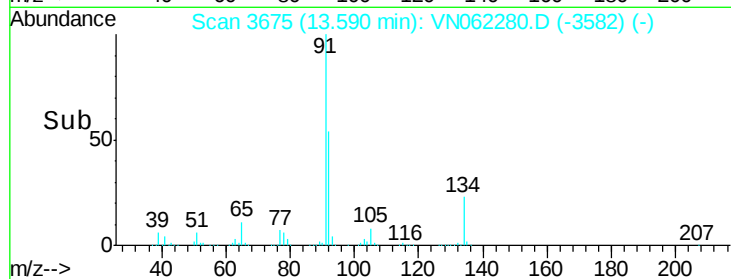
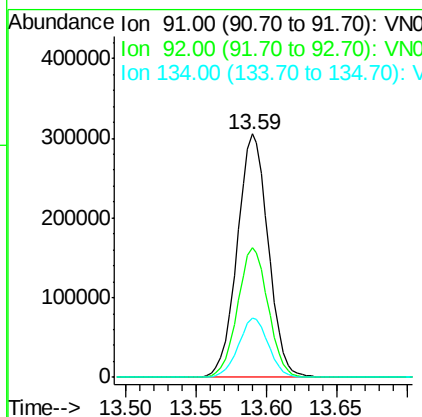
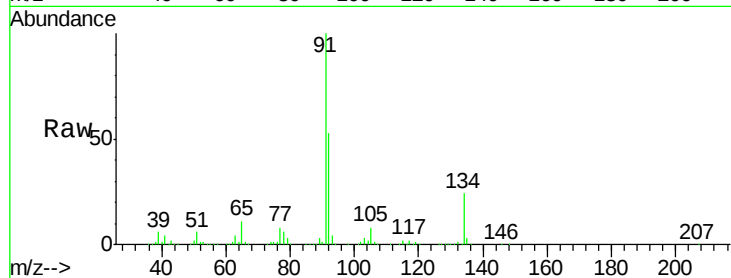
#89
n-Butylbenzene
Concen: 51.604 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.7
134	23.6	12.3	36.9

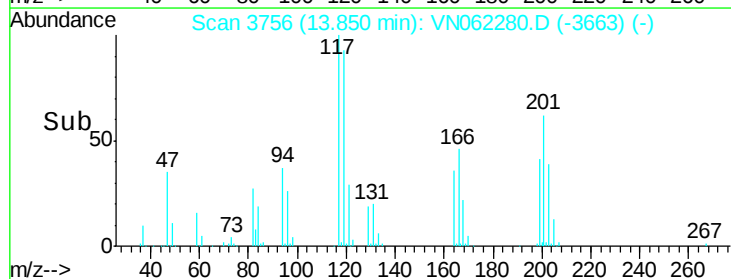
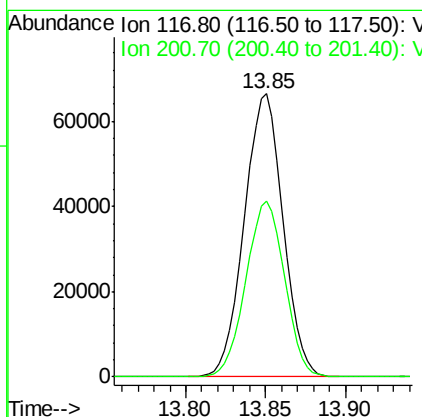
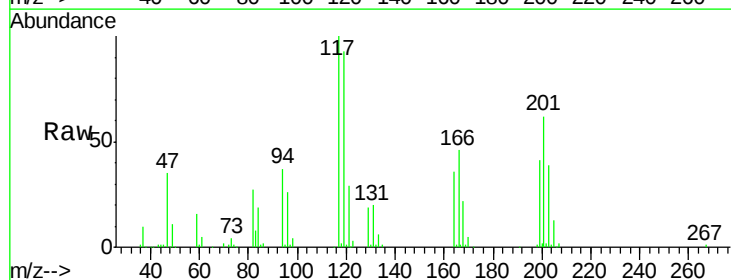
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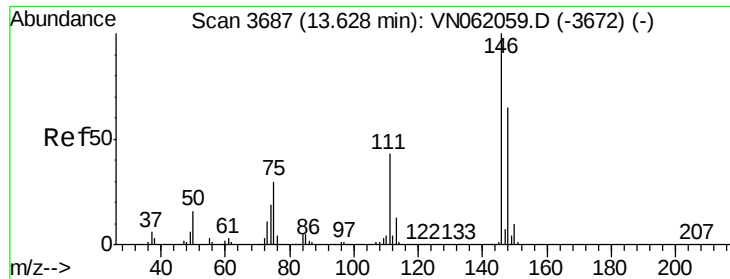
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#90
Hexachloroethane
Concen: 50.974 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.0	32.7	98.1





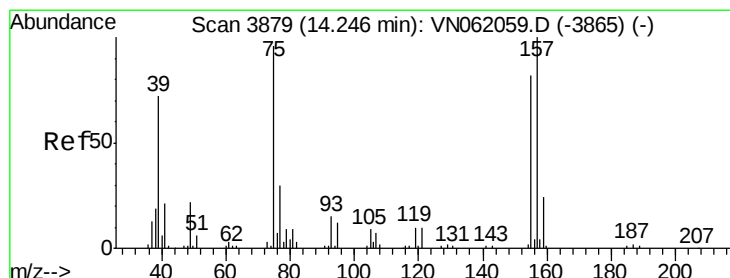
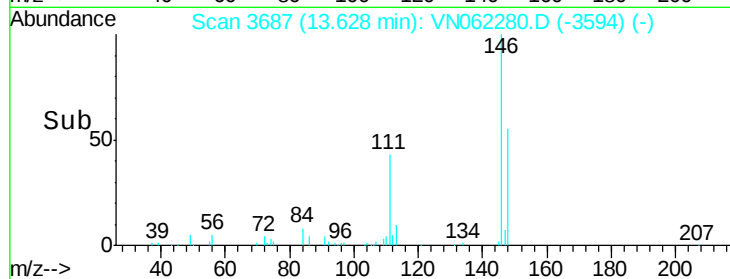
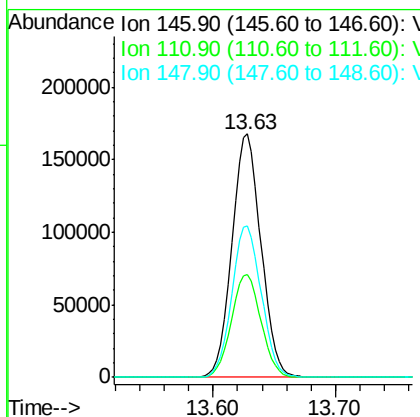
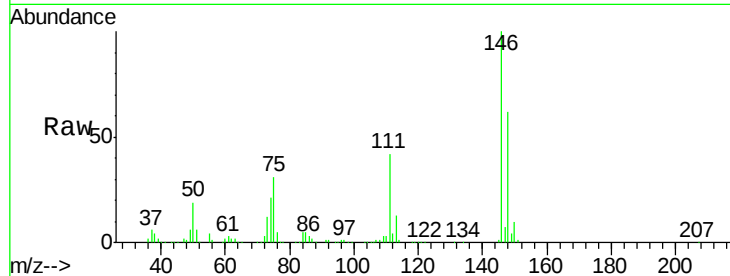
#91
 1,2-Dichlorobenzene
 Concen: 48.095 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.2	63.6
148	63.2	31.9	95.5

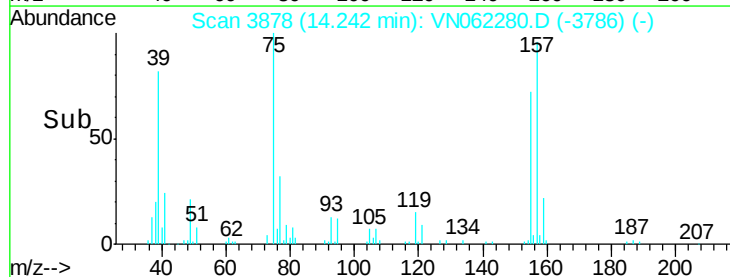
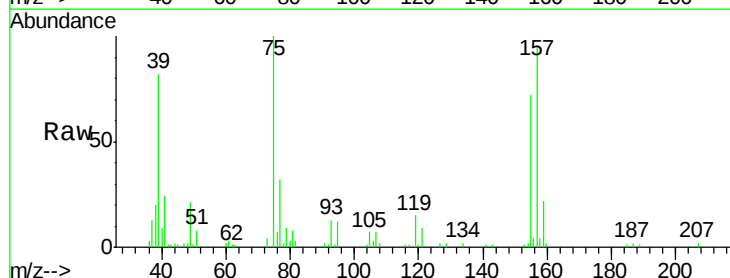
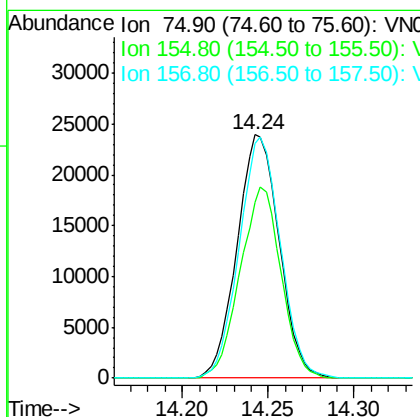
Manual Integrations
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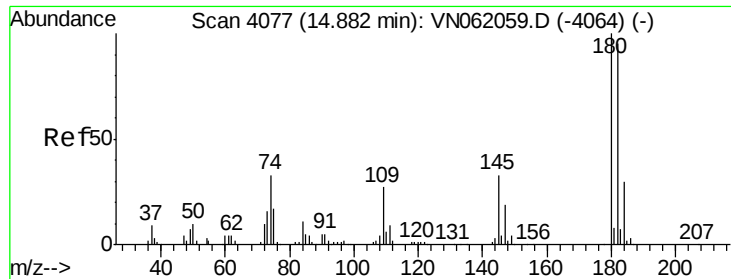
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.950 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	40.8	122.4
157	96.7	51.4	154.3





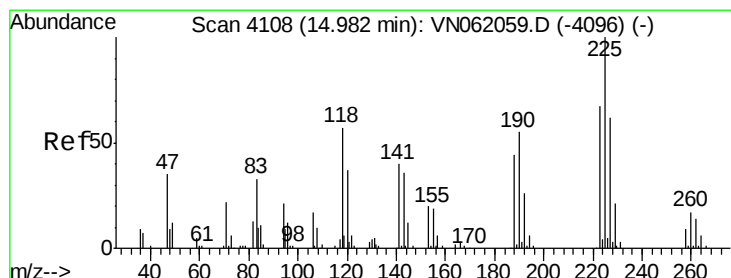
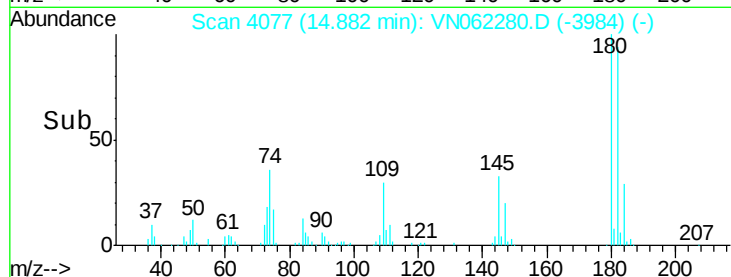
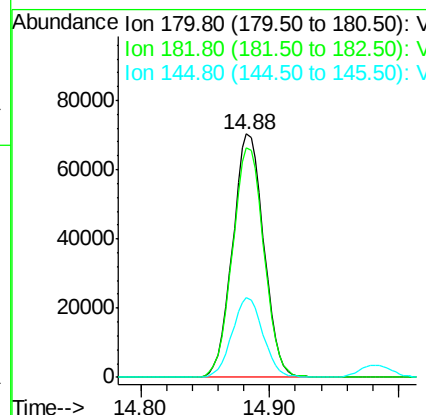
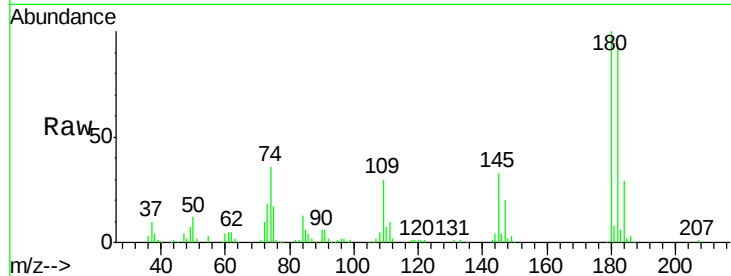
#93
 1,2,4-Trichlorobenzene
 Concen: 46.642 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	117690		
182	95.3	48.0	144.2	
145	32.4	16.0	48.0	

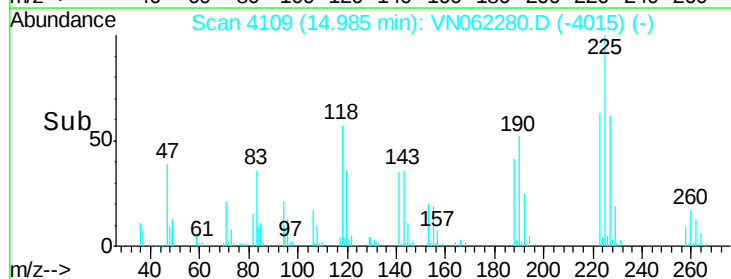
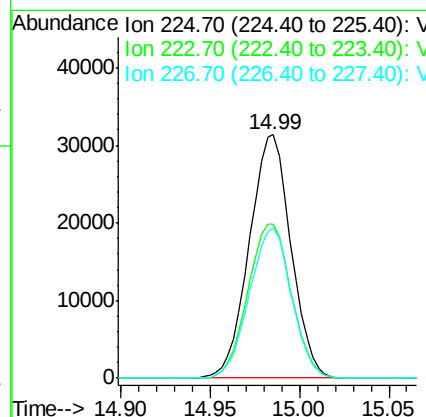
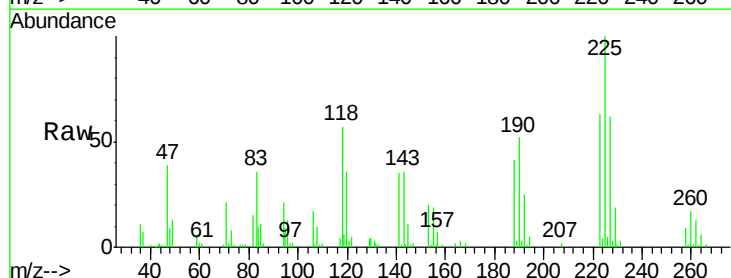
Manual Integrations
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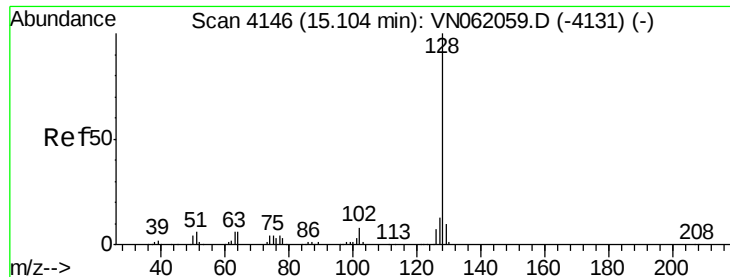
MMDadoda
 7/1/2020 11:04:01 AM



#94
 Hexachlorobutadiene
 Concen: 46.675 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062280.D
 Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51152		
223	65.7	32.9	98.7	
227	62.3	31.3	93.8	





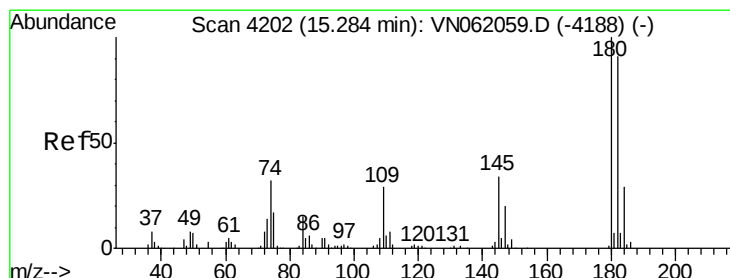
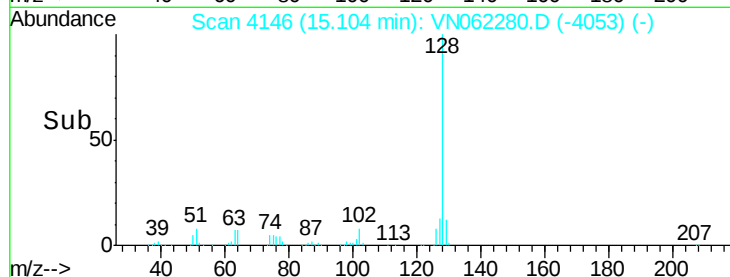
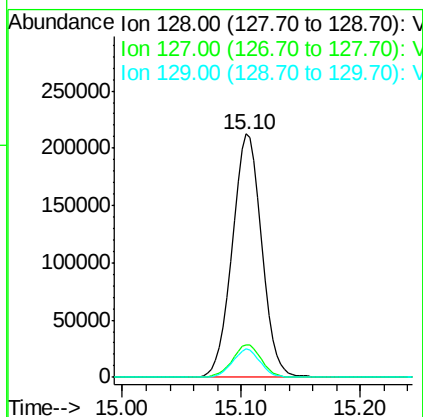
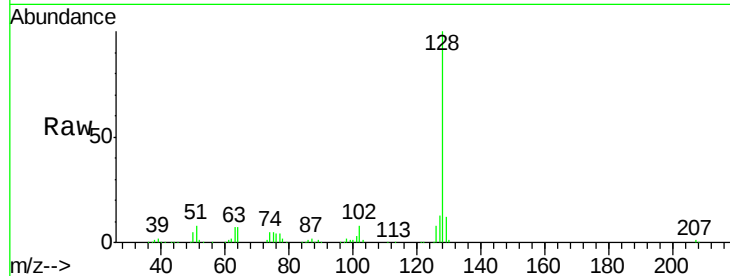
#95
Naphthalene
Concen: 43.807 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/1/2020 11:04:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.056 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062280.D
Acq: 1 Jul 2020 8:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.8	140.4
145	33.5	16.4	49.2

