

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062181.D
 Acq On : 29 Jun 2020 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:43:20 AM

Quant Time: Jun 30 04:46:14 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	7.62	168	253740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	450941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201660	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	179844	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.54	113	141517	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.06	98	559100	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.37	95	196485	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	125823	43.870	ug/l	100
3) Chloromethane	2.03	50	162252	47.999	ug/l	98
4) Vinyl Chloride	2.16	62	193124	42.758	ug/l	98
5) Bromomethane	2.52	94	132644	45.440	ug/l	97
6) Chloroethane	2.66	64	130812	42.397	ug/l	98
7) Trichlorofluoromethane	2.98	101	241972	43.478	ug/l	100
8) Diethyl Ether	3.37	74	100573	51.752	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	141289	48.479	ug/l	98
10) Methyl Iodide	3.91	142	169276	51.573	ug/l	99
11) Tert butyl alcohol	4.73	59	133270	260.672	ug/l	100
12) 1,1-Dichloroethene	3.69	96	138037	47.378	ug/l	98
13) Acrolein	3.56	56	140687	281.065	ug/l	99
14) Allyl chloride	4.27	41	210640	53.101	ug/l	98
15) Acrylonitrile	4.93	53	367400	263.711	ug/l	100
16) Acetone	3.77	43	323057	289.683	ug/l	97
17) Carbon Disulfide	4.00	76	386081	46.267	ug/l	100
18) Methyl Acetate	4.27	43	147175	51.994	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	493926	53.053	ug/l	98
20) Methylene Chloride	4.50	84	169386	51.827	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	153089	46.124	ug/l	97
22) Diisopropyl ether	5.90	45	482101	53.377	ug/l	97
23) Vinyl Acetate	5.84	43	2053451	278.470	ug/l	99
24) 1,1-Dichloroethane	5.79	63	288627	49.626	ug/l	99
25) 2-Butanone	6.78	43	465947	267.711	ug/l	100
26) 2,2-Dichloropropane	6.77	77	236964	48.893	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	181786	48.673	ug/l	99
28) Bromochloromethane	7.14	49	127278	50.438	ug/l	94
29) Tetrahydrofuran	7.16	42	300568	263.633	ug/l	100
30) Chloroform	7.33	83	290113	49.027	ug/l	100
31) Cyclohexane	7.61	56	240691	48.925	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	238793	47.852	ug/l	98
36) 1,1-Dichloropropene	7.75	75	215375	47.516	ug/l	99
37) Ethyl Acetate	6.88	43	197261	52.557	ug/l	99
38) Carbon Tetrachloride	7.73	117	199334	46.647	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	258904	52.132	ug/l	99
40) Benzene	8.00	78	664121	48.072	ug/l	99
41) Methacrylonitrile	7.12	41	72400m	41.608	ug/l	
42) 1,2-Dichloroethane	8.08	62	235171	50.383	ug/l	99
43) Isopropyl Acetate	8.12	43	332627	54.365	ug/l	99
44) Trichloroethene	8.80	130	161719	46.405	ug/l	98
45) 1,2-Dichloropropane	9.08	63	172308	50.555	ug/l	100
46) Dibromomethane	9.17	93	114294	49.460	ug/l	97
47) Bromodichloromethane	9.37	83	233987	50.148	ug/l	99
48) Methyl methacrylate	9.17	41	152863	55.722	ug/l	96
49) 1,4-Dioxane	9.17	88	61507	1011.016	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	981663	274.611	ug/l	99
52) Toluene	10.12	92	417569	49.537	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	270080	52.613	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	288925	52.866	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	167778	50.634	ug/l	98
56) Ethyl methacrylate	10.40	69	246243	55.685	ug/l	98
57) 1,3-Dichloropropane	10.68	76	290963	51.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	474805	252.052	ug/l	98
59) 2-Hexanone	10.72	43	727178	281.709	ug/l	99
60) Dibromochloromethane	10.87	129	174854	49.843	ug/l	100
61) 1,2-Dibromoethane	10.98	107	169507	49.786	ug/l	99
64) Tetrachloroethene	10.60	164	130395	45.652	ug/l	97
65) Chlorobenzene	11.40	112	443194	48.265	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	157954	49.746	ug/l	100
67) Ethyl Benzene	11.48	91	800652	51.628	ug/l	99
68) m/p-Xylenes	11.59	106	611579	101.959	ug/l	98
69) o-Xylene	11.92	106	286008	50.536	ug/l	94
70) Styrene	11.94	104	498542	52.820	ug/l	99
71) Bromoform	12.10	173	116006	51.385	ug/l #	100
73) Isopropylbenzene	12.22	105	779456	49.933	ug/l	99
74) N-amyl acetate	12.04	43	299850	52.035	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	252150	48.540	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	223188m	47.014	ug/l	
77) Bromobenzene	12.50	156	182217	47.018	ug/l	95
78) n-propylbenzene	12.56	91	912153	51.085	ug/l	99
79) 2-Chlorotoluene	12.65	91	532749	49.353	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	651359	51.473	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	85906	52.847	ug/l	97
82) 4-Chlorotoluene	12.75	91	557143	49.911	ug/l	98
83) tert-Butylbenzene	12.97	119	541280	49.981	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	655180	51.840	ug/l	98
85) sec-Butylbenzene	13.15	105	760073	53.115	ug/l	100
86) p-Isopropyltoluene	13.26	119	683055	54.482	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	332758	48.897	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	332053	47.335	ug/l	100
89) n-Butylbenzene	13.59	91	577328	55.388	ug/l	100
90) Hexachloroethane	13.85	117	122792	49.919	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	323388	49.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	43715	52.532	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	151338	52.496	ug/l	99
94) Hexachlorobutadiene	14.98	225	67106	53.594	ug/l	98
95) Naphthalene	15.10	128	428482	45.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	150741	51.137	ug/l	99

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

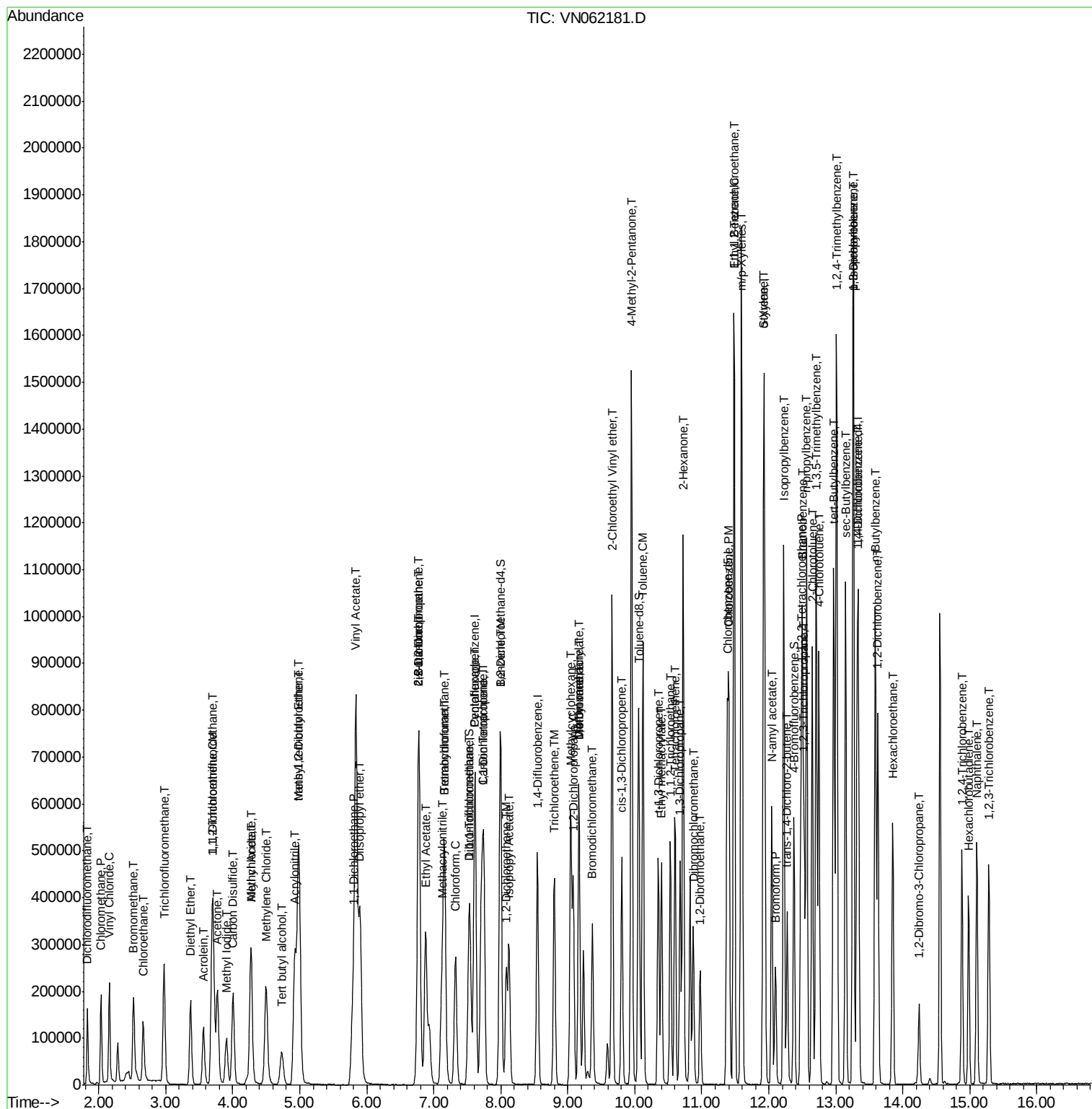
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 253740

Ion Ratio Lower Upper

168 100

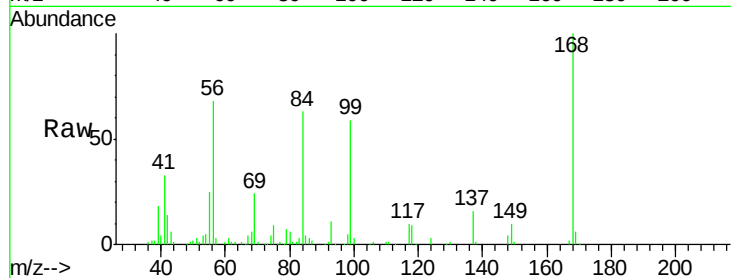
99 58.9 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

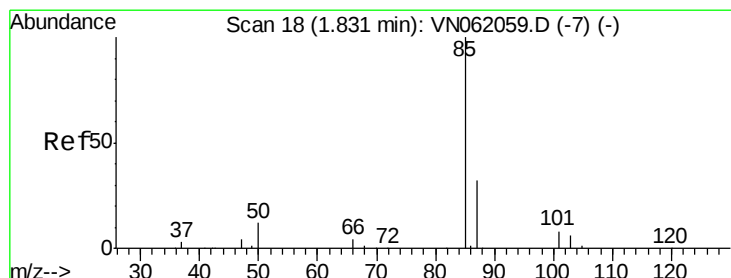
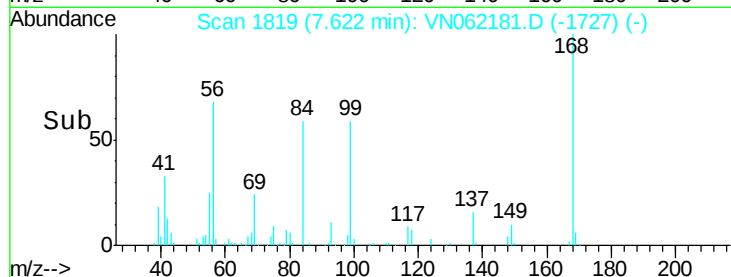
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 43.870 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062181.D

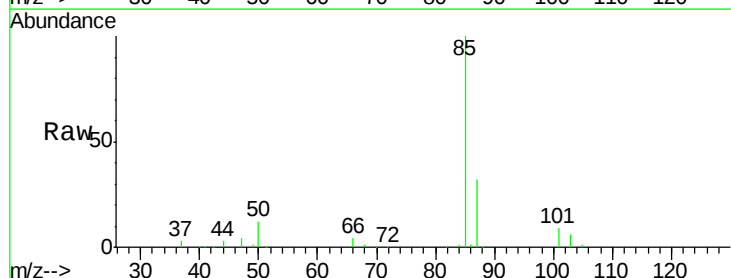
Acq: 29 Jun 2020 10:55

Tgt Ion: 85 Resp: 125823

Ion Ratio Lower Upper

85 100

87 31.9 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

100000

80000

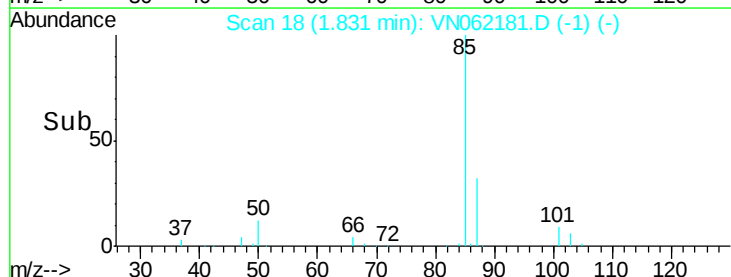
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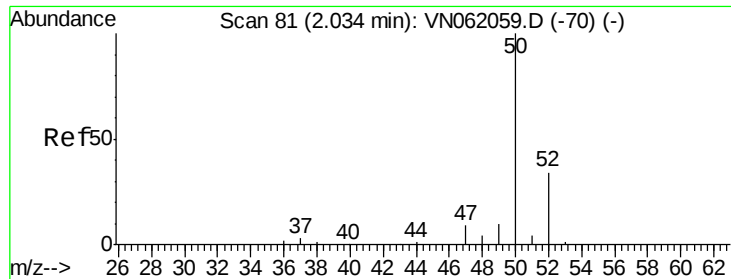
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 47.999 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 162252

Ion Ratio Lower Upper

50 100

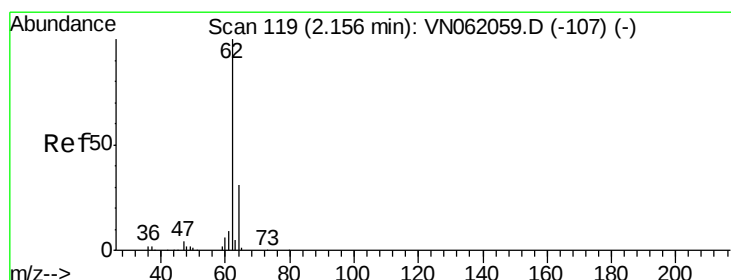
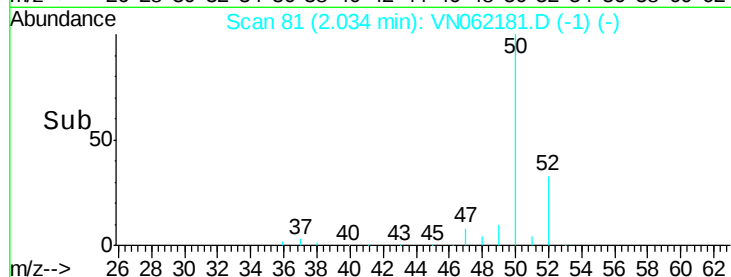
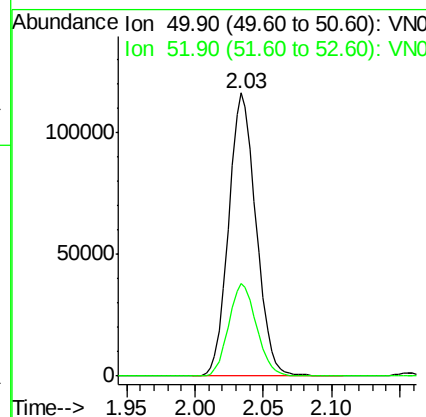
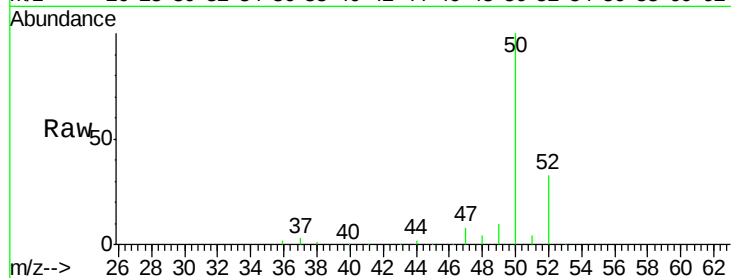
52 32.7 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.758 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062181.D

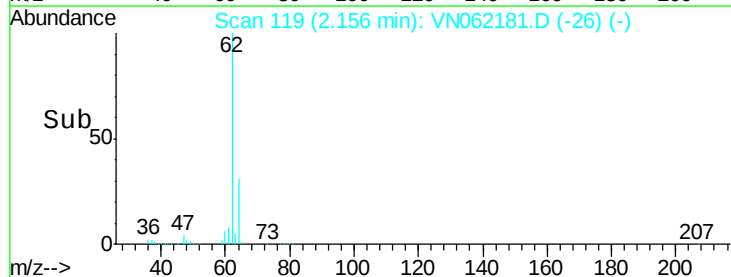
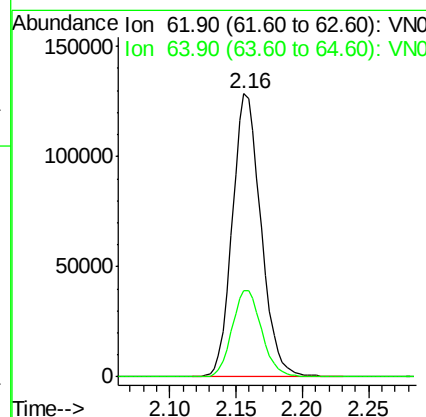
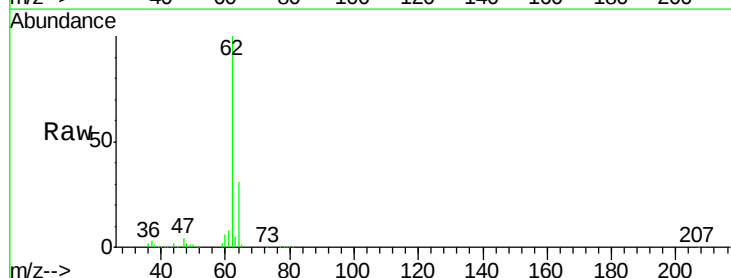
Acq: 29 Jun 2020 10:55

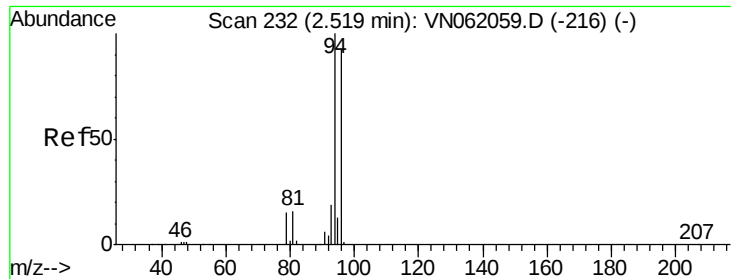
Tgt Ion: 62 Resp: 193124

Ion Ratio Lower Upper

62 100

64 30.5 25.1 37.7





#5

Bromomethane

Concen: 45.440 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 132644

Ion Ratio Lower Upper

94 100

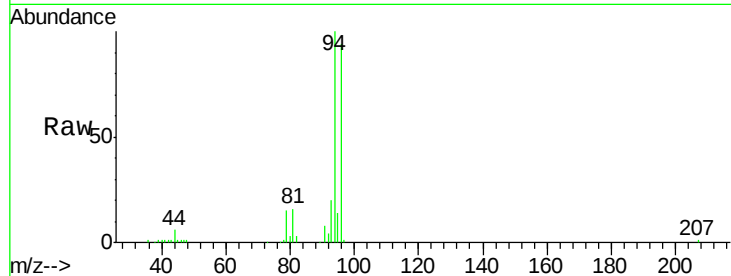
96 94.3 73.4 110.2

Manual Integrations

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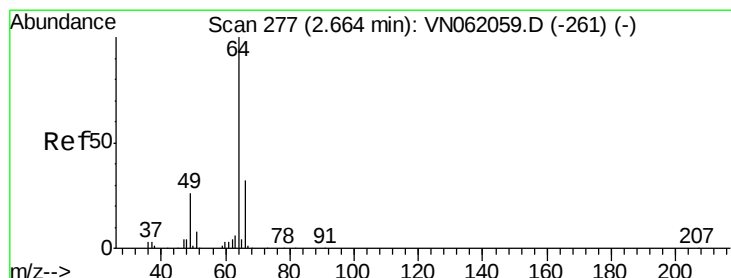
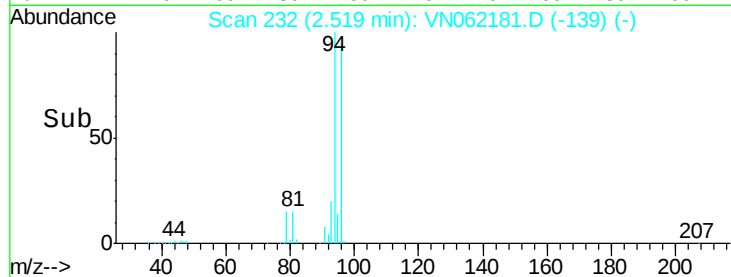
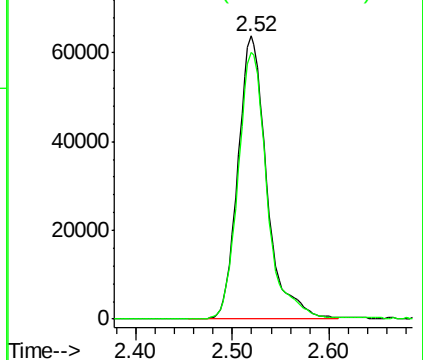
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 42.397 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062181.D

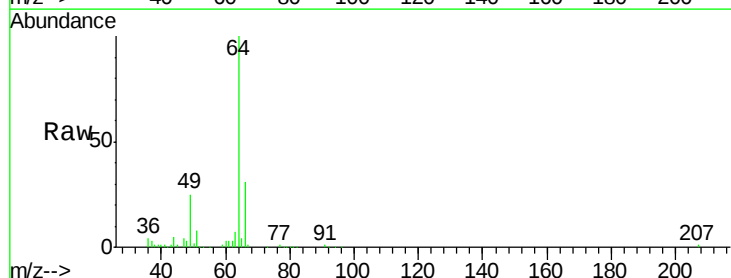
Acq: 29 Jun 2020 10:55

Tgt Ion: 64 Resp: 130812

Ion Ratio Lower Upper

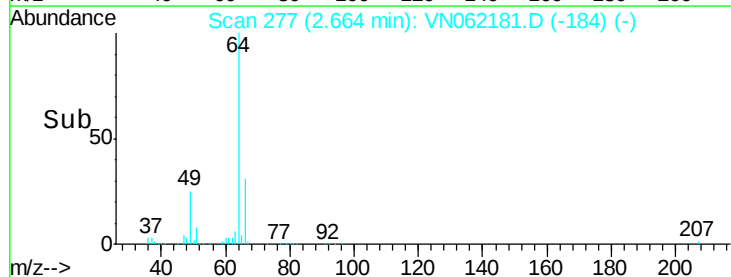
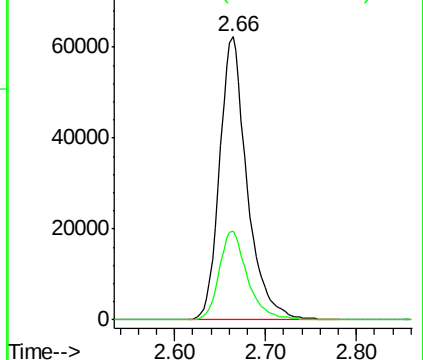
64 100

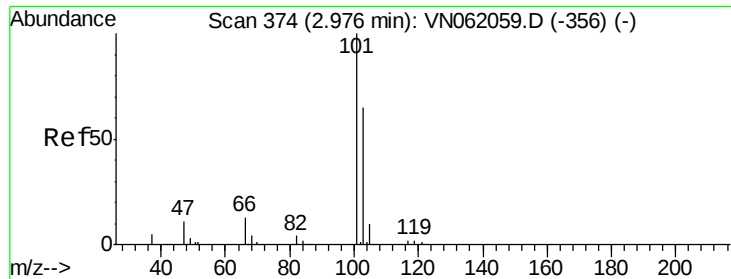
66 31.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

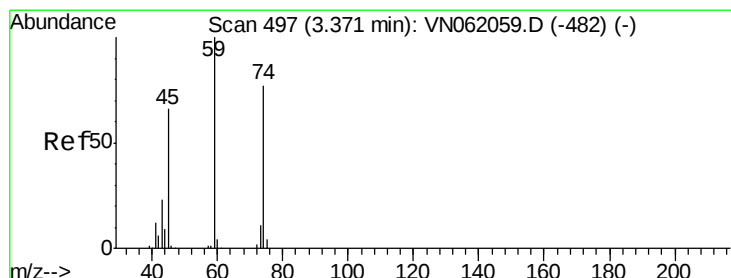
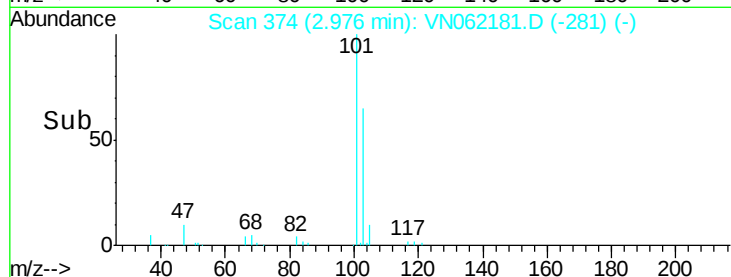
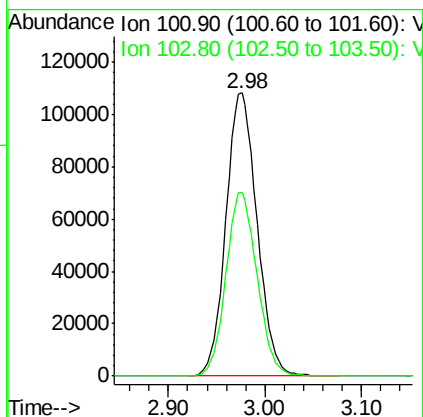
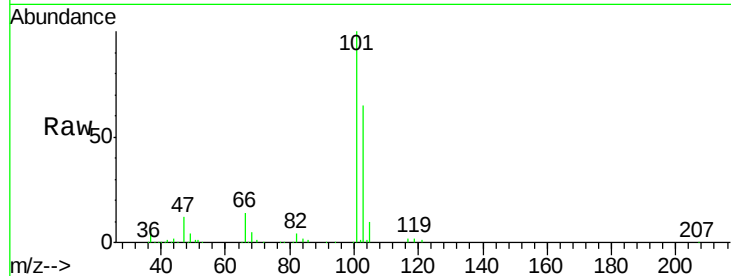
Trichlorofluoromethane
Concen: 43.478 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062181.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		241972		
103	65.0	51.8	77.6		

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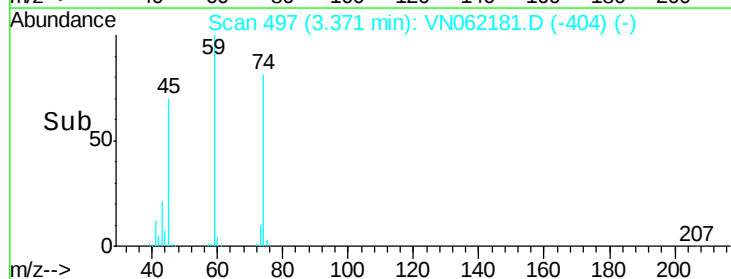
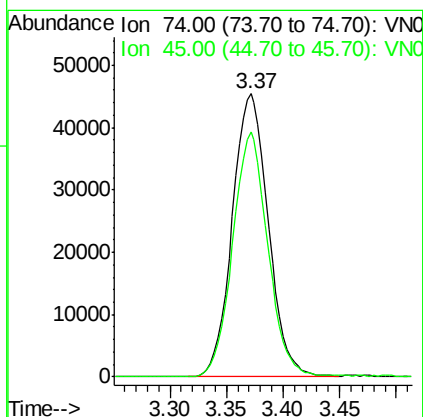
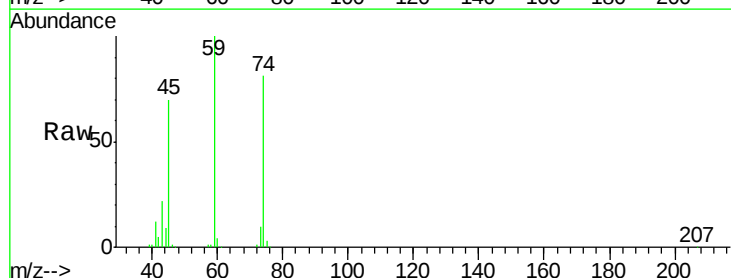
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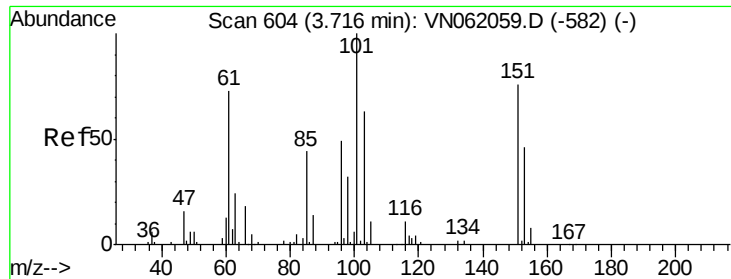


#8

Diethyl Ether
Concen: 51.752 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062181.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		100573		
45	84.9	42.5	127.5		





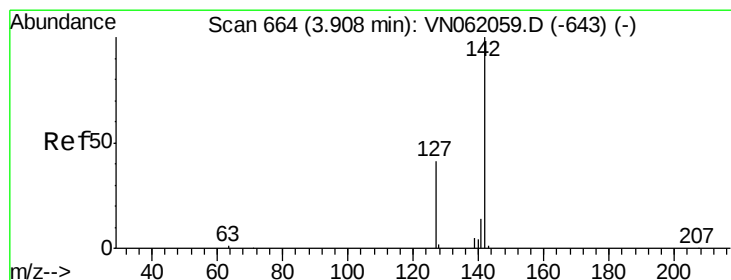
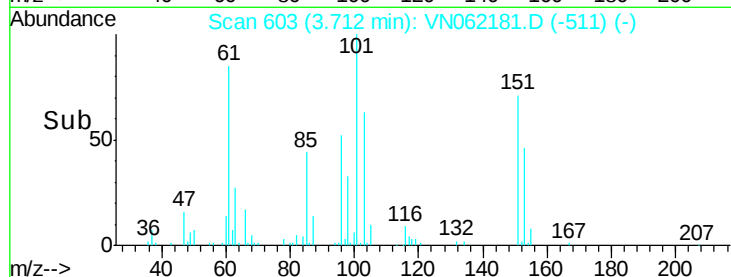
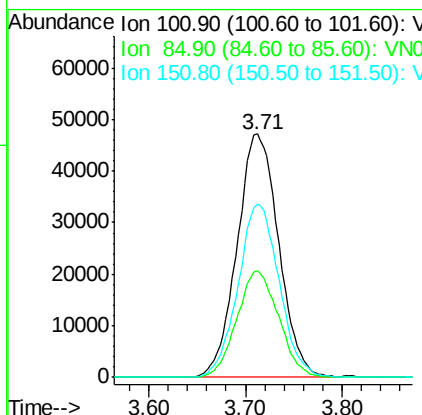
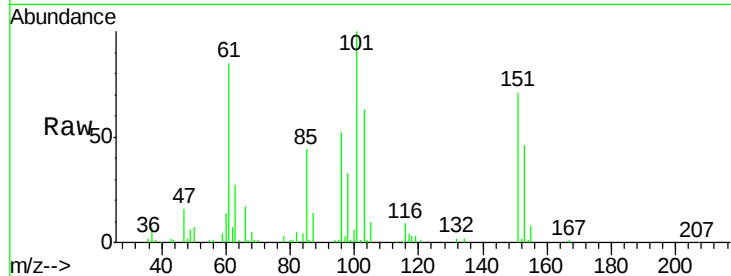
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.479 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	141289		
85	43.7	34.5	51.7	
151	70.2	57.8	86.8	

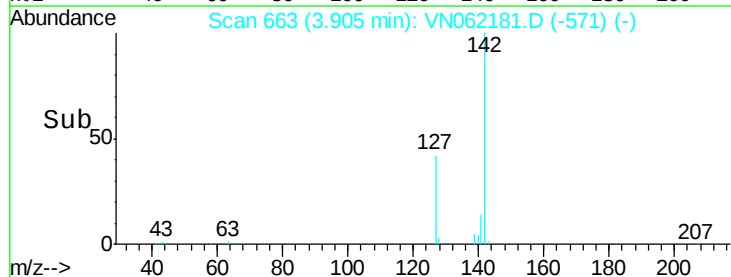
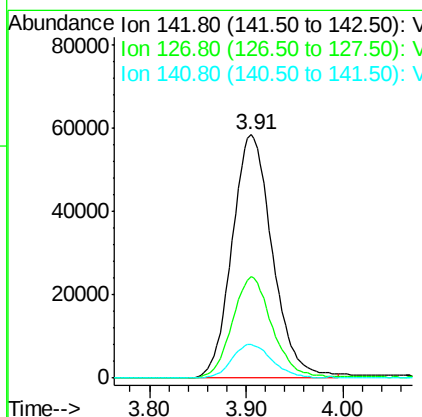
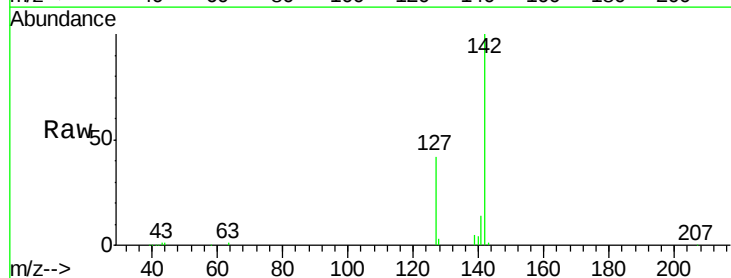
Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:43:20 AM



#10
 Methyl Iodide
 Concen: 51.573 ug/l
 RT: 3.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	169276		
127	41.4	33.6	50.4	
141	13.9	11.3	16.9	





#11

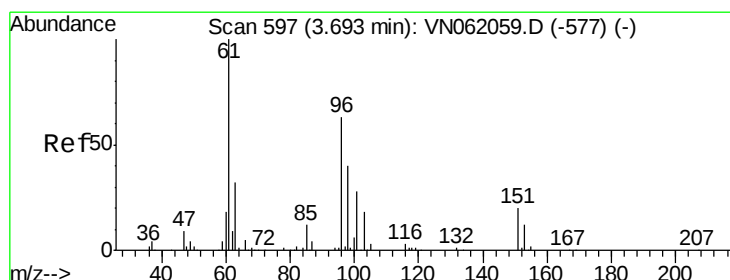
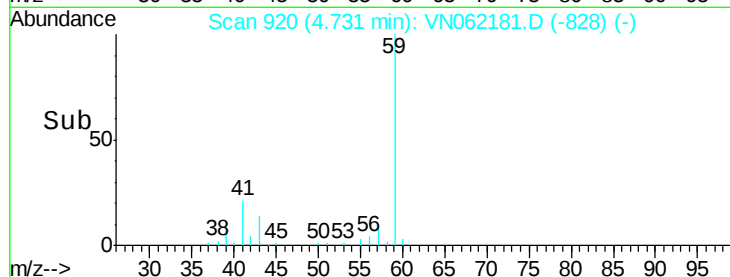
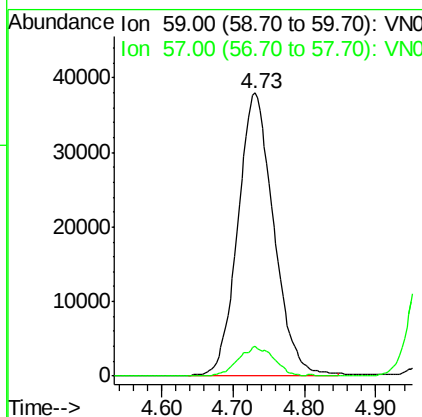
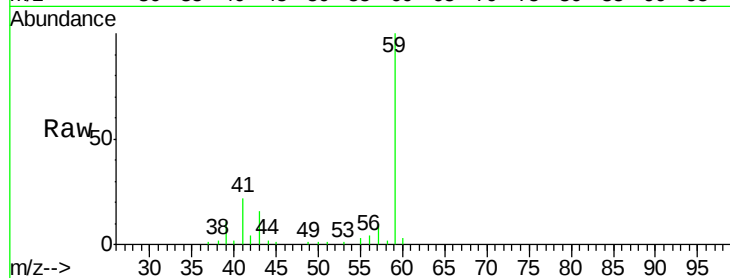
Tert butyl alcohol
Concen: 260.672 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

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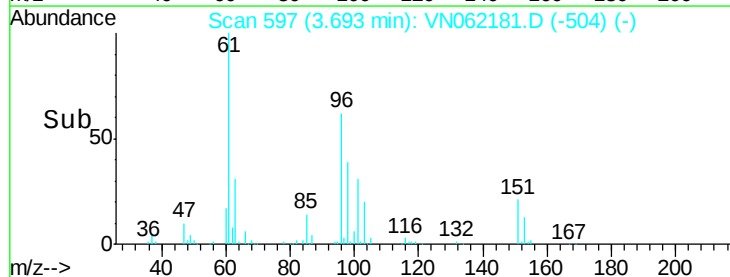
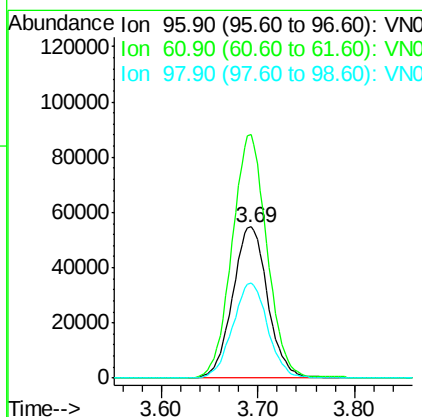
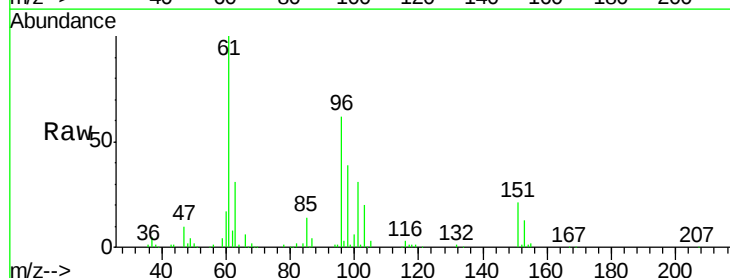
MMDadoda
6/30/2020 10:43:20 AM

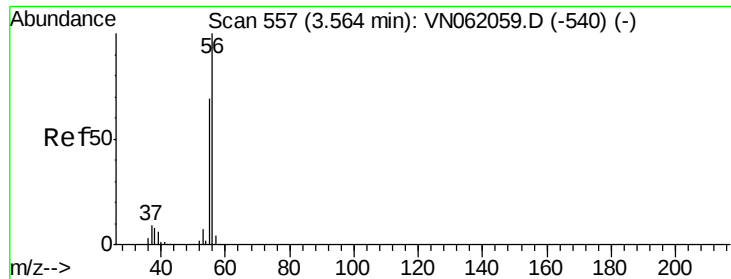


#12

1,1-Dichloroethene
Concen: 47.378 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	126.7	190.1
98	62.7	51.0	76.4





#13

Acrolein

Concen: 281.065 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 140687

Ion Ratio Lower Upper

56 100

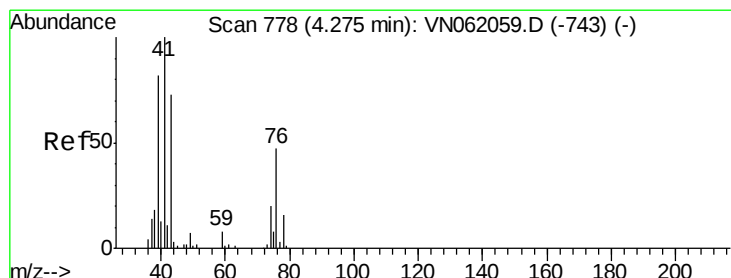
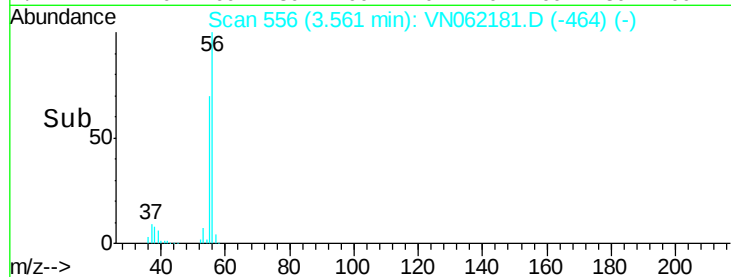
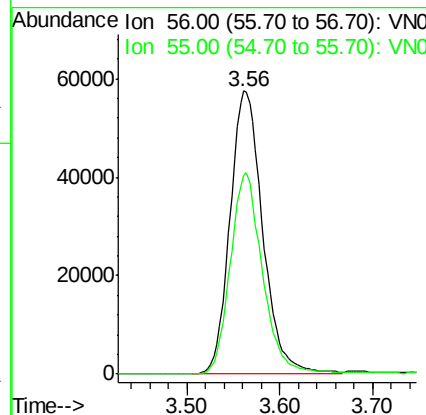
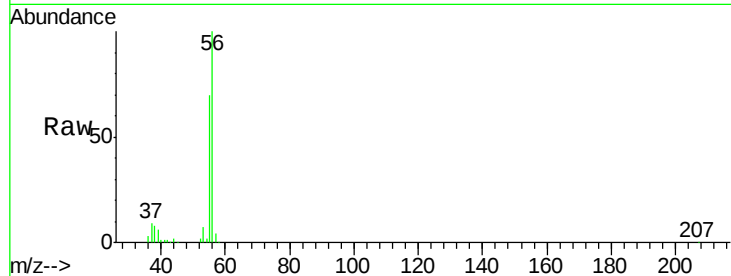
55 70.0 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 53.101 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

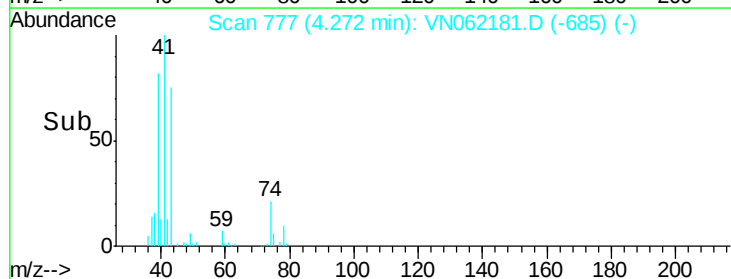
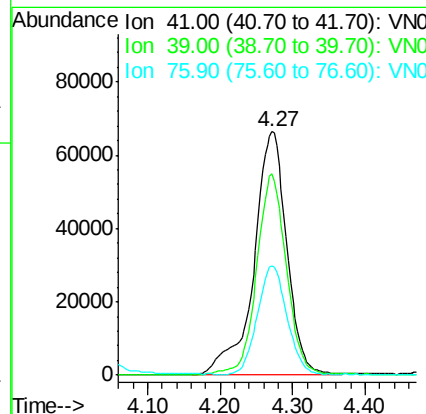
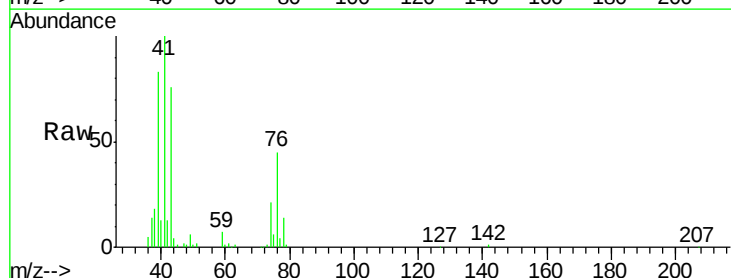
Tgt Ion: 41 Resp: 210640

Ion Ratio Lower Upper

41 100

39 74.6 60.0 90.0

76 39.6 34.1 51.1





#15

Acrylonitrile

Concen: 263.711 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

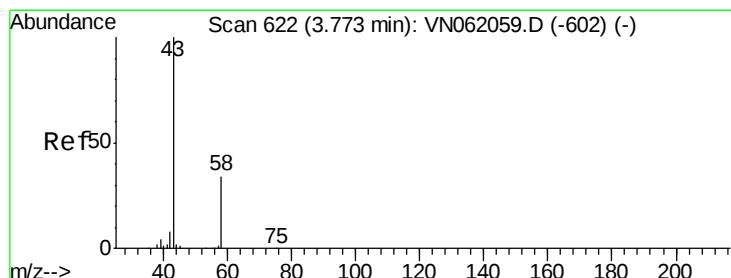
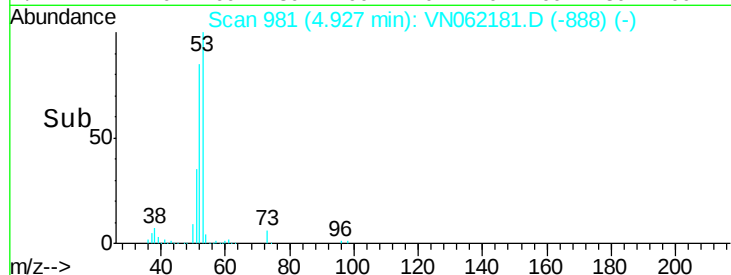
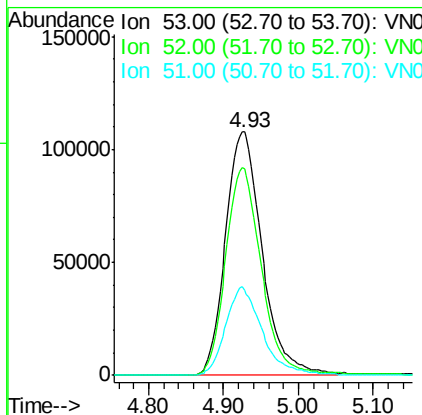
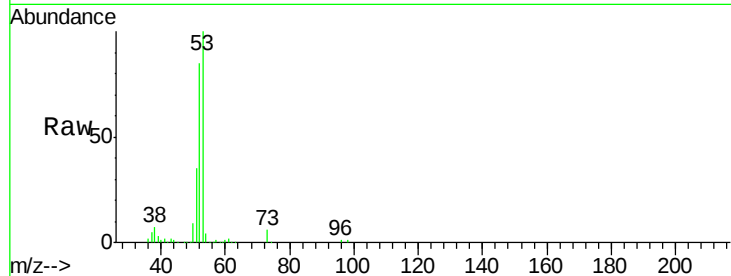
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	367400
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.4
51	36.5	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 289.683 ug/l

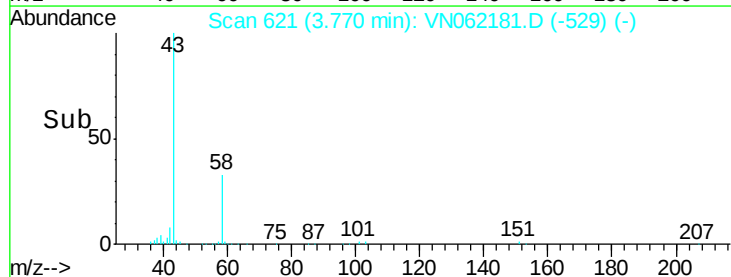
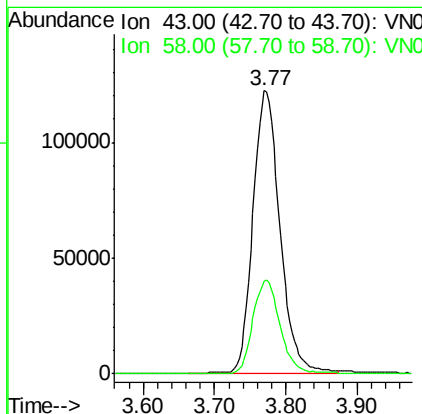
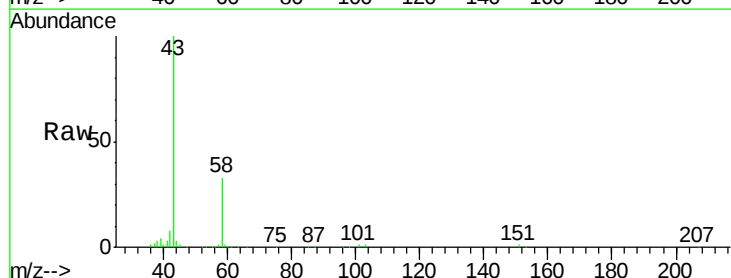
RT: 3.77 min Scan# 621

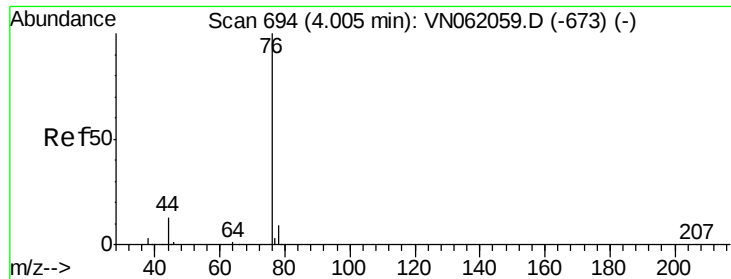
Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Tgt Ion:	43	Resp:	323057
Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.5	41.3





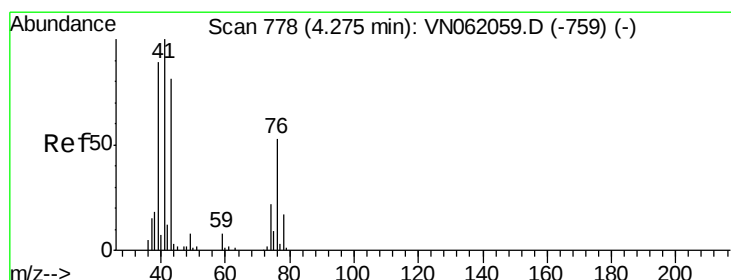
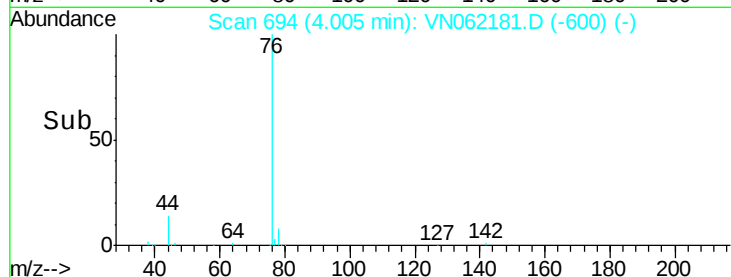
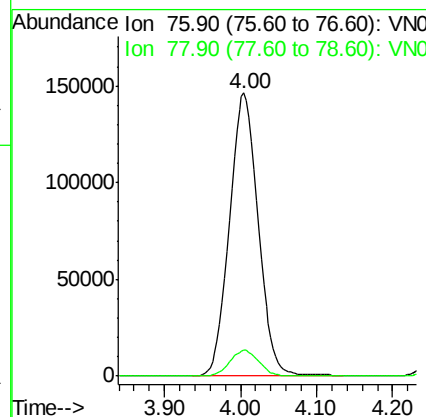
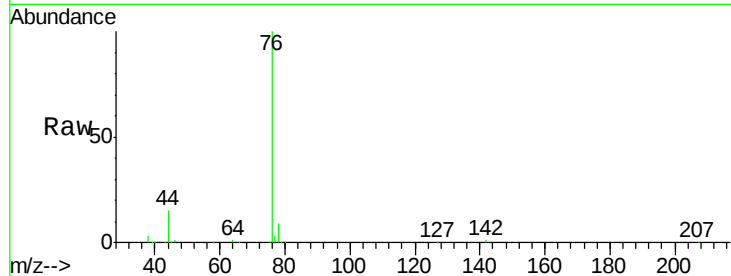
#17
Carbon Disulfide
Concen: 46.267 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

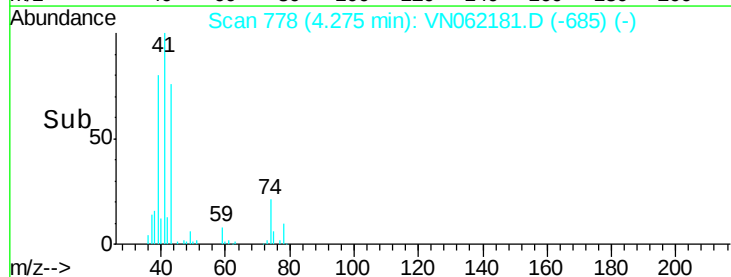
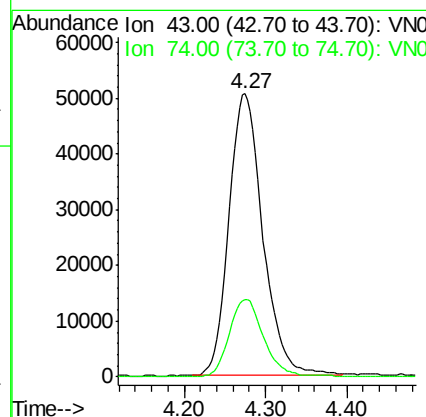
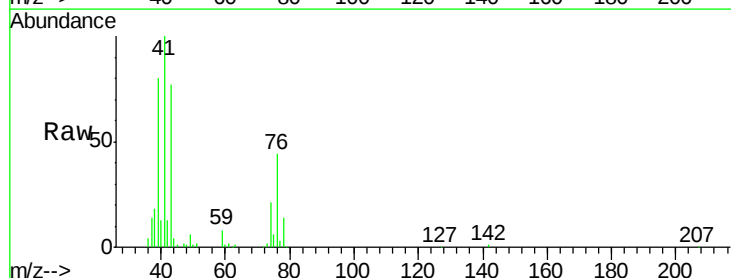
Manual Integrations
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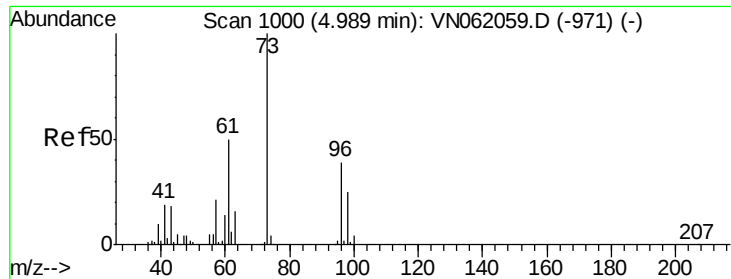
MMDadoda
6/30/2020 10:43:20 AM



#18
Methyl Acetate
Concen: 51.994 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.9	22.9	34.3





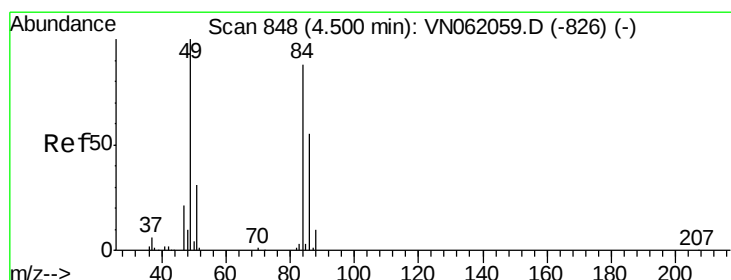
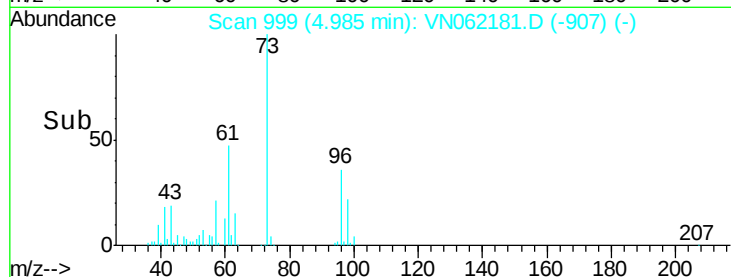
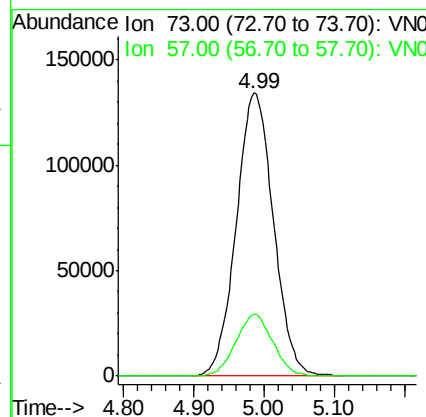
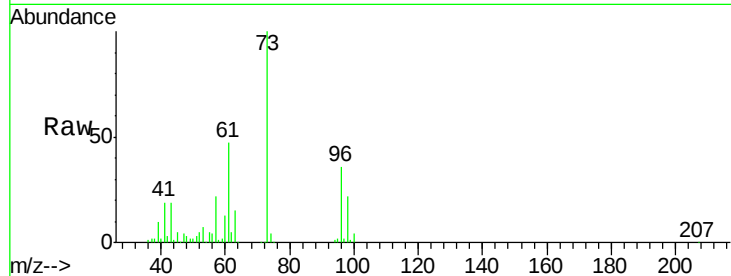
#19
Methvl tert-butvl Ether
Concen: 53.053 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 493926
Ion Ratio Lower Upper
73 100
57 21.7 16.6 24.8

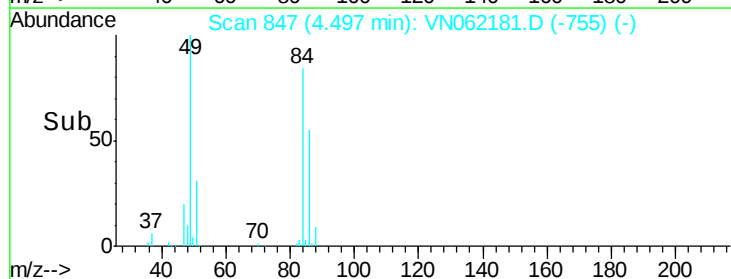
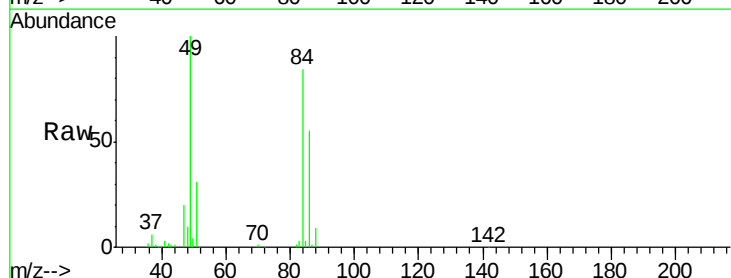
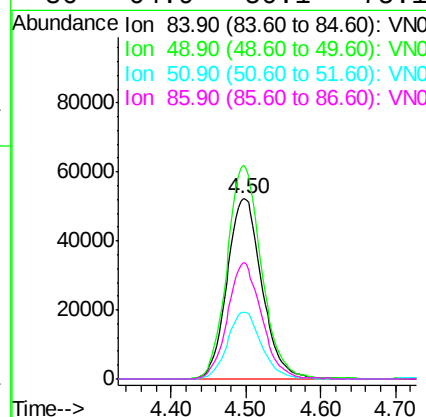
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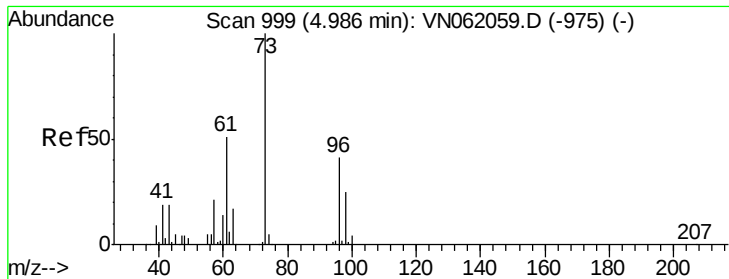
MMDadoda
6/30/2020 10:43:20 AM



#20
Methylene Chloride
Concen: 51.827 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 84 Resp: 169386
Ion Ratio Lower Upper
84 100
49 118.0 90.6 136.0
51 37.1 27.8 41.8
86 64.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 46.124 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

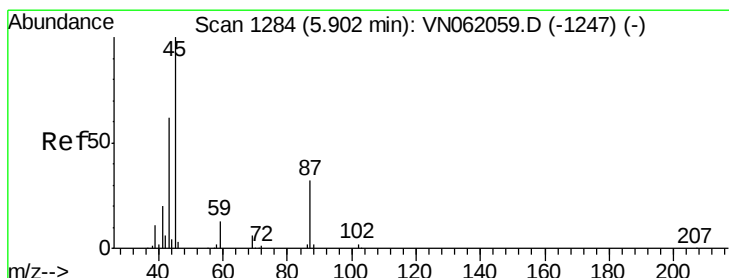
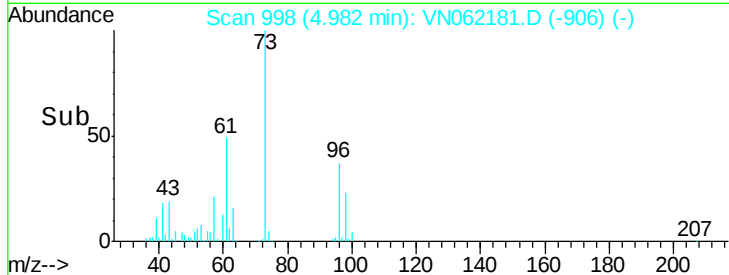
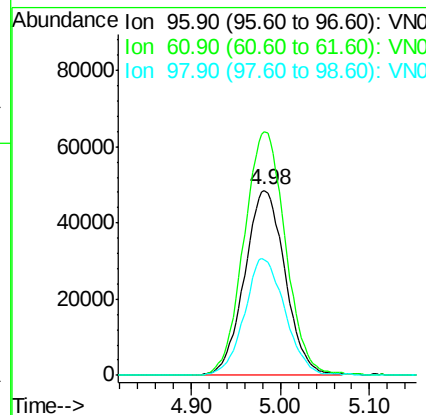
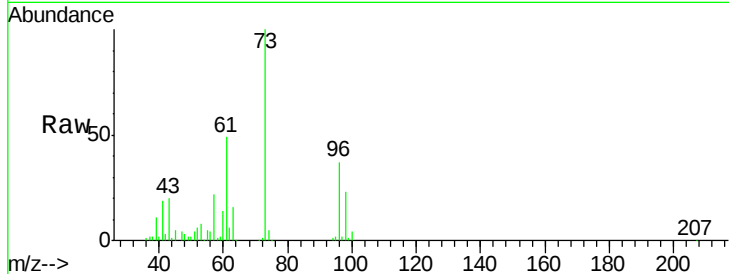
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	153089
Ion	Ratio	Lower	Upper
96	100		
61	131.4	101.4	152.2
98	62.5	49.3	73.9

Manual Integrations
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6/30/2020 10:43:20 AM



#22

Diisopropyl ether

Concen: 53.377 ug/l

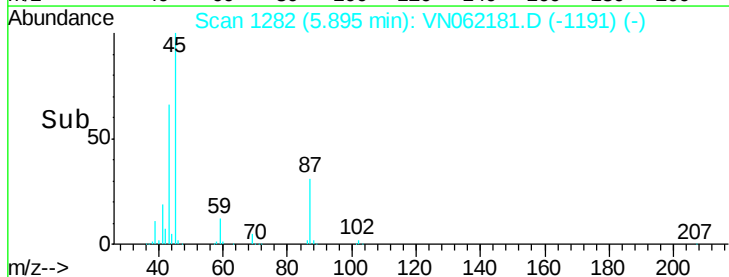
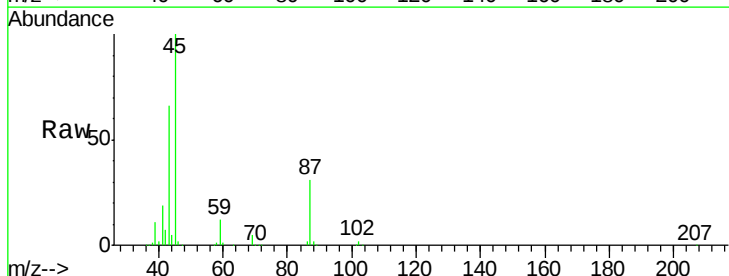
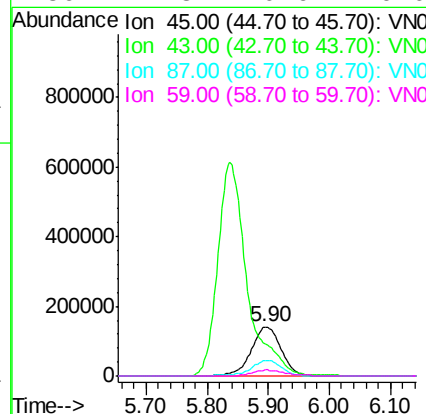
RT: 5.90 min Scan# 1282

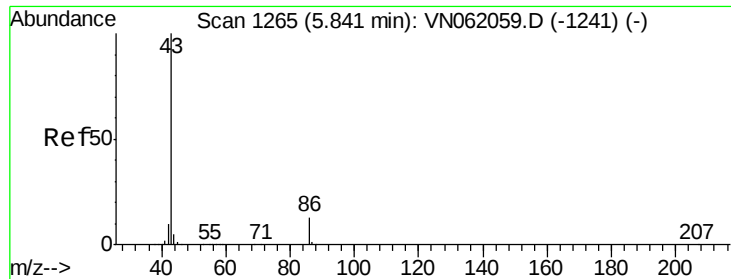
Delta R.T. -0.01 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Tgt Ion:	45	Resp:	482101
Ion	Ratio	Lower	Upper
45	100		
43	64.7	49.7	74.5
87	31.5	25.9	38.9
59	11.8	10.6	16.0





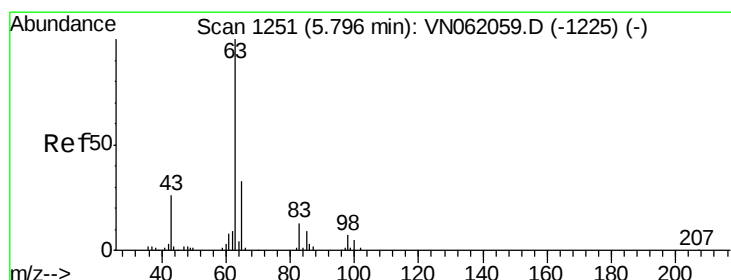
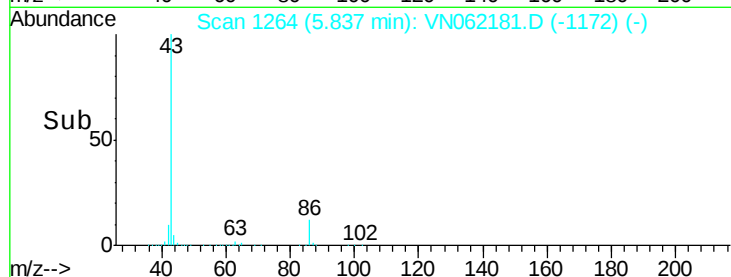
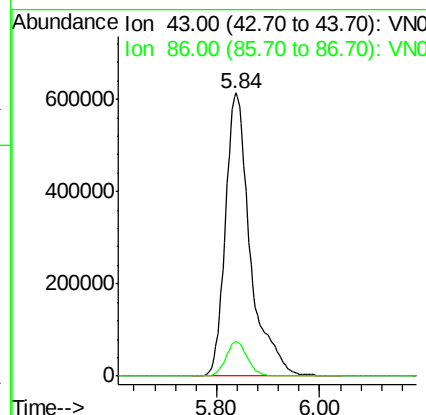
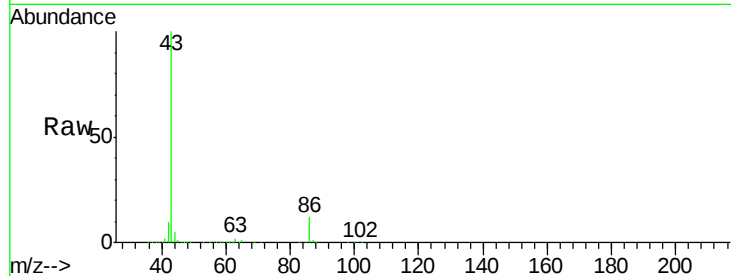
#23
 Vinyl Acetate
 Concen: 278.470 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2053451
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.1 15.1

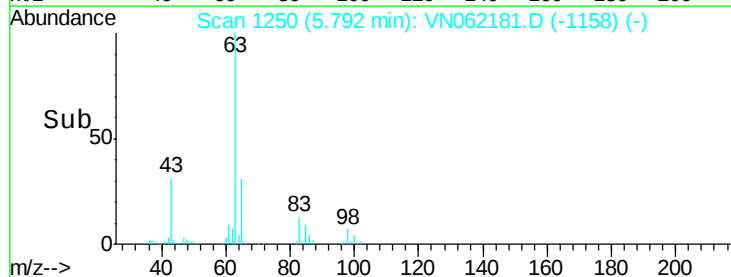
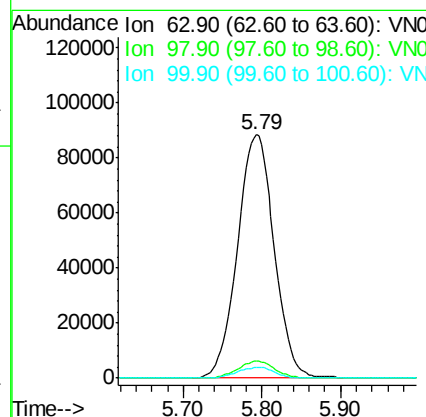
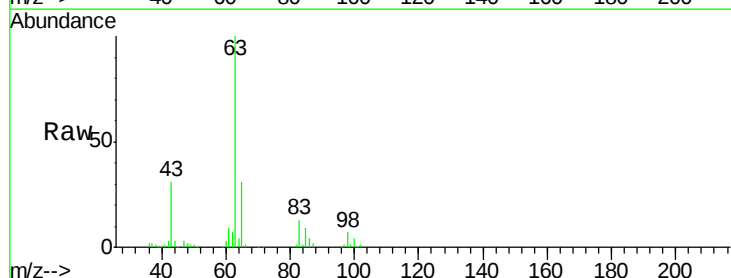
Manual Integrations
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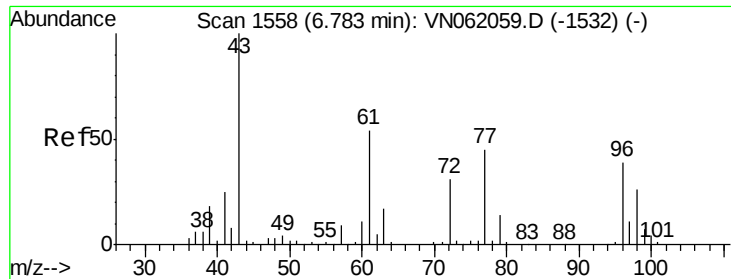
MMDadoda
 6/30/2020 10:43:20 AM



#24
 1,1-Dichloroethane
 Concen: 49.626 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion: 63 Resp: 288627
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.3 2.4 7.1





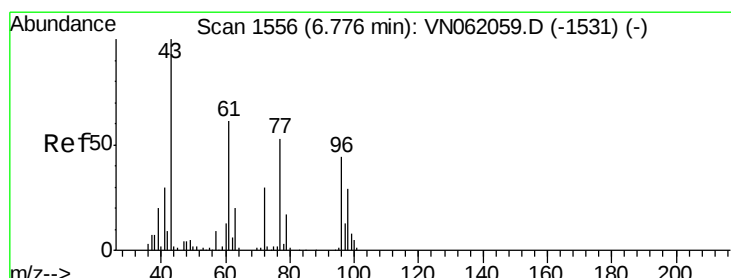
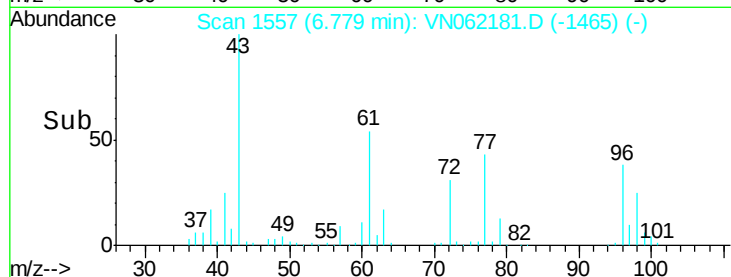
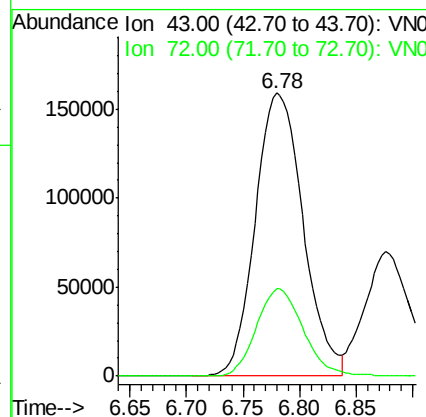
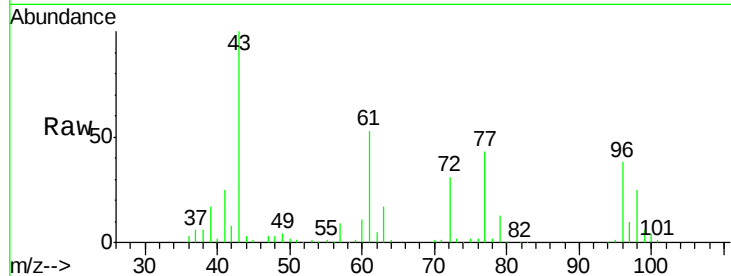
#25
2-Butanone
Concen: 267.711 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 465947
Ion Ratio Lower Upper
43 100
72 30.8 24.8 37.2

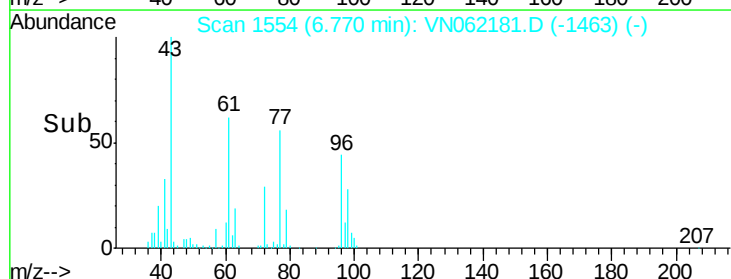
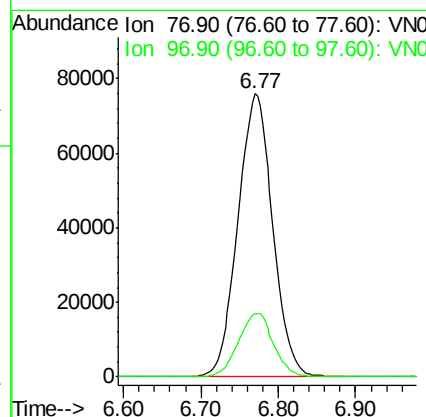
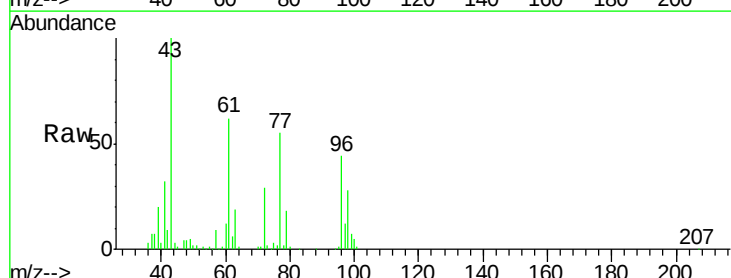
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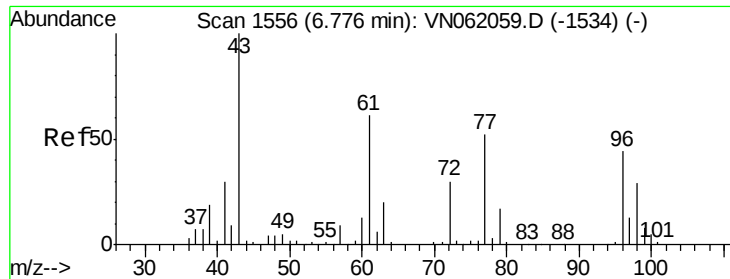
MMDadoda
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#26
2,2-Dichloropropane
Concen: 48.893 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 77 Resp: 236964
Ion Ratio Lower Upper
77 100
97 22.5 11.8 35.3





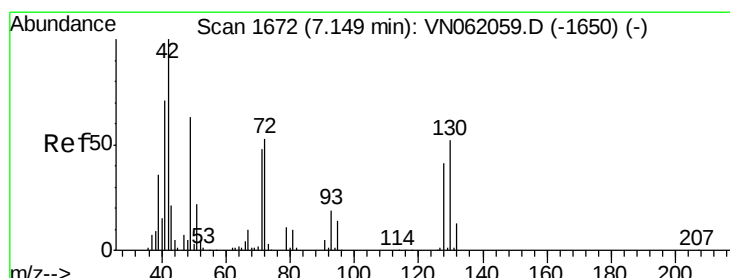
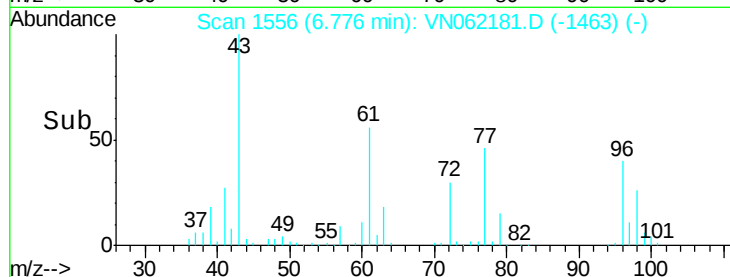
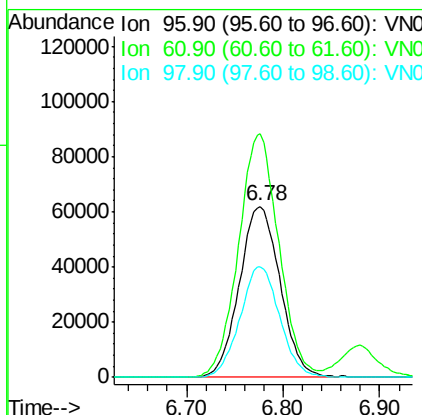
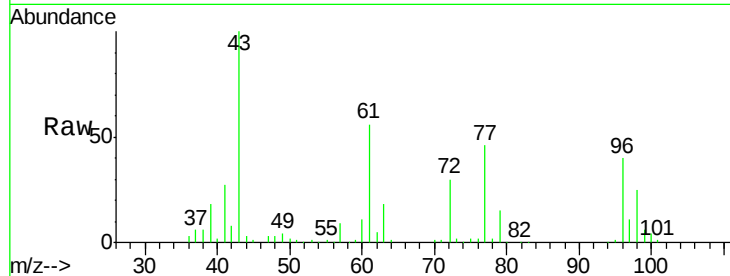
#27
 cis-1,2-Dichloroethene
 Concen: 48.673 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	181786		
61	140.7	0.0	280.4	
98	63.0	0.0	129.4	

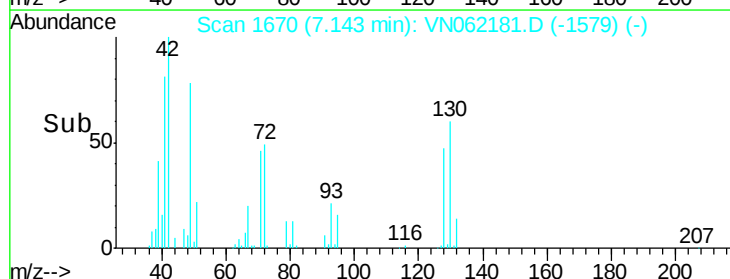
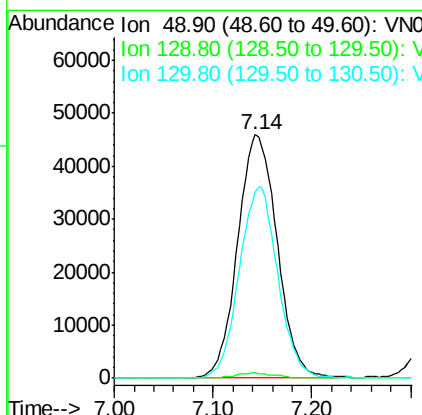
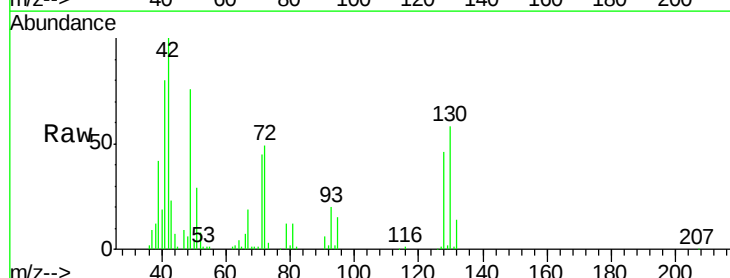
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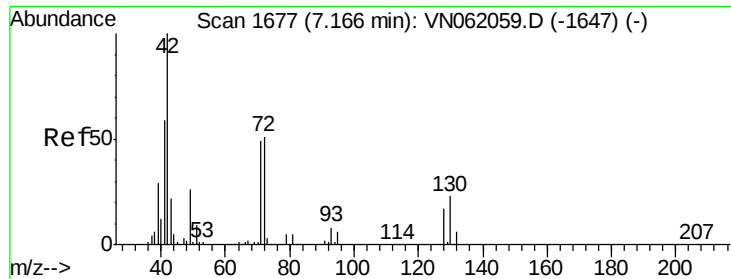
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#28
 Bromochloromethane
 Concen: 50.438 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	127278		
129	2.0	0.0	4.4	
130	76.7	65.5	98.3	





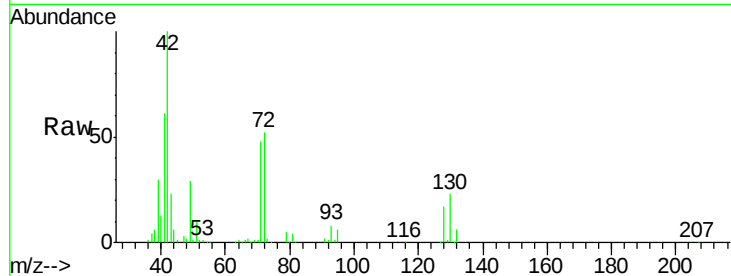
#29
Tetrahydrofuran
Concen: 263.633 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

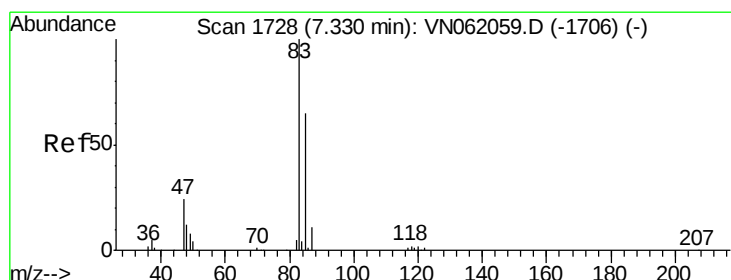
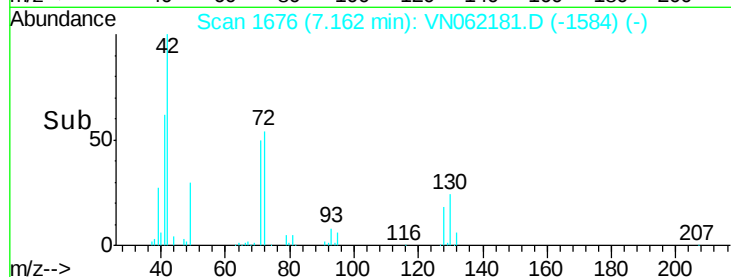
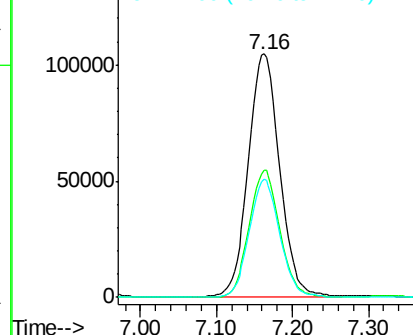
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	41.1	61.7
71	47.4	38.2	57.4

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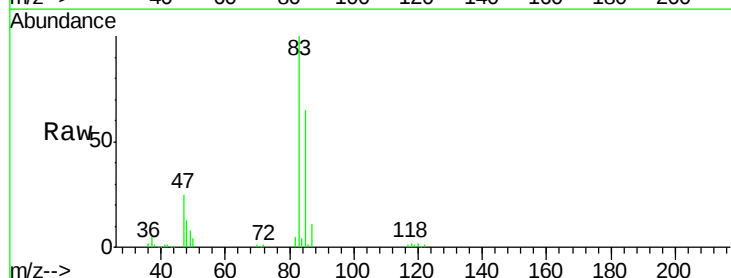


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

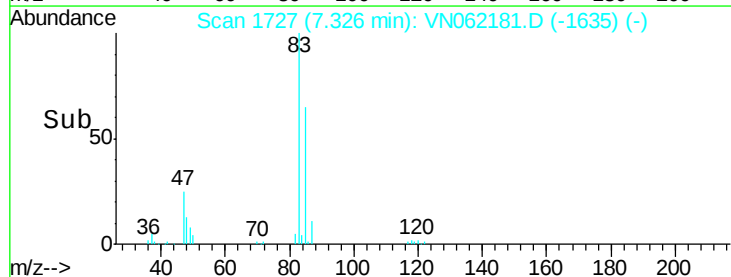
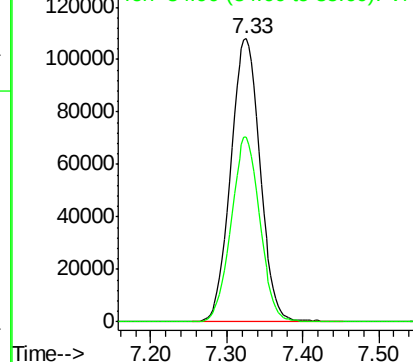


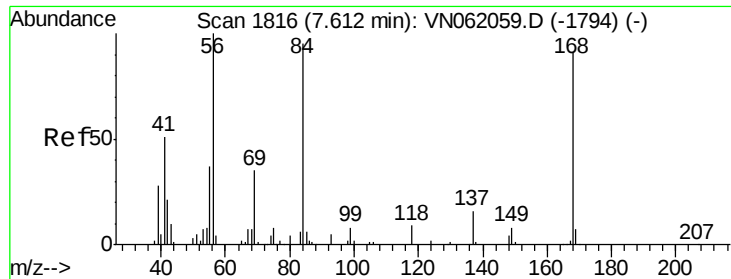
#30
Chloroform
Concen: 49.027 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.3	78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





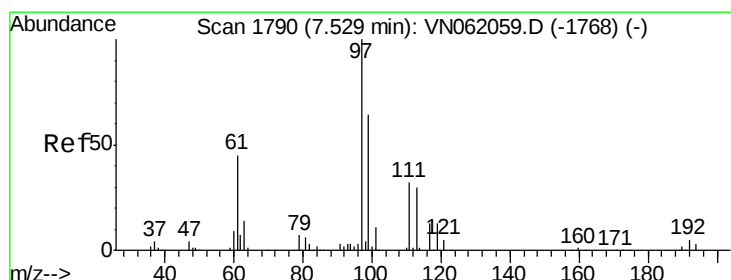
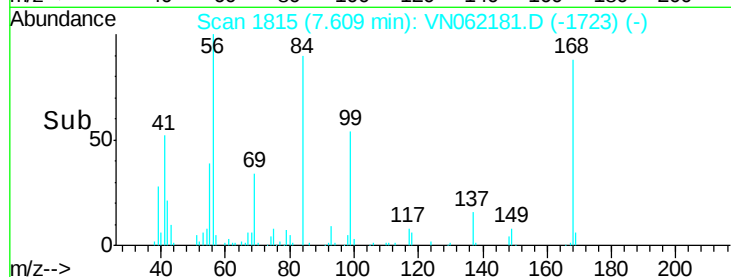
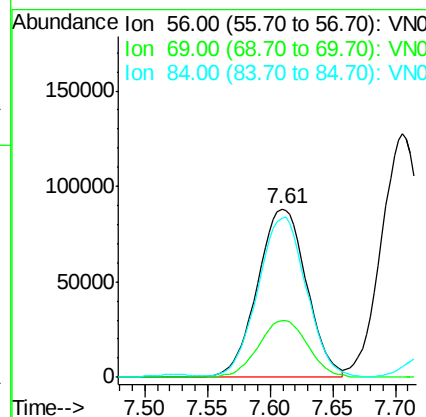
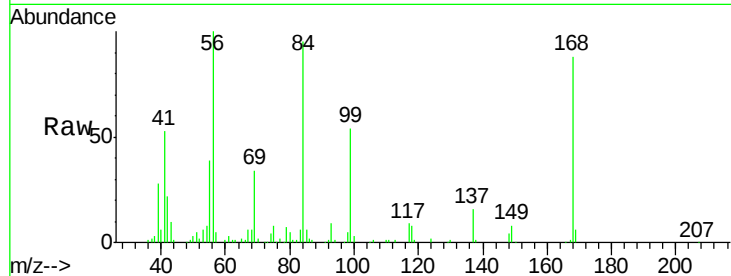
#31
Cyclohexane
Concen: 48.925 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	28.0	42.0
84	93.5	76.1	114.1

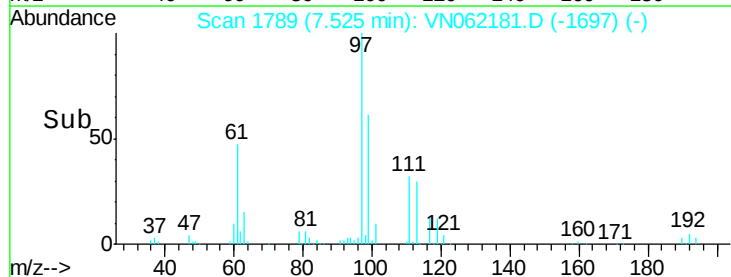
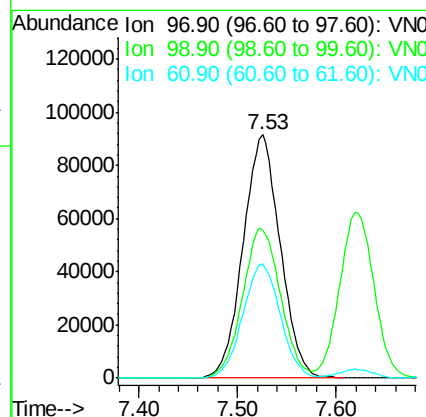
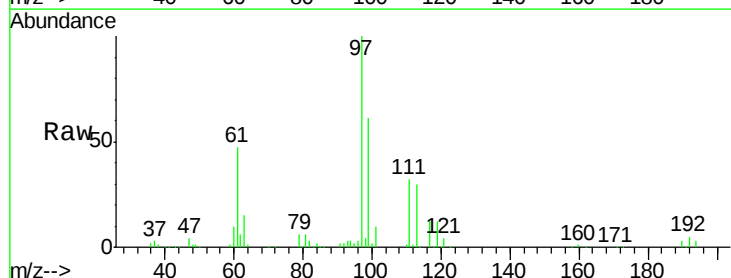
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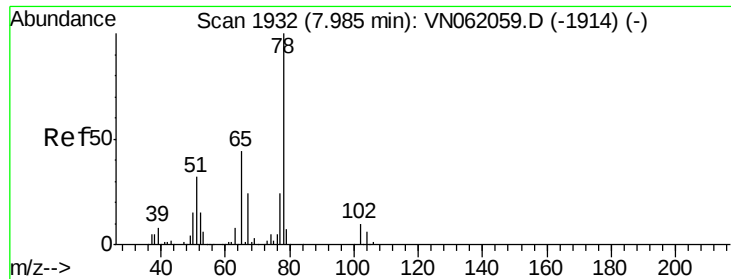
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#32
1,1,1-Trichloroethane
Concen: 47.852 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.0	76.4
61	47.3	36.2	54.2





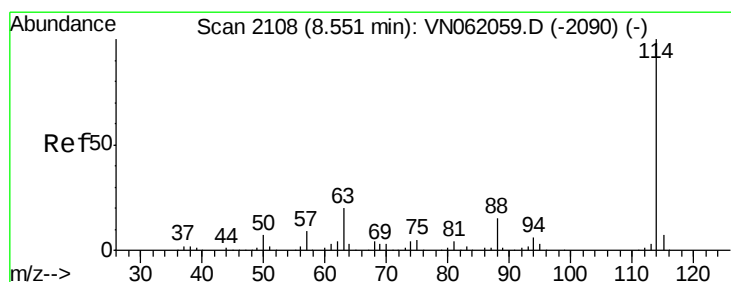
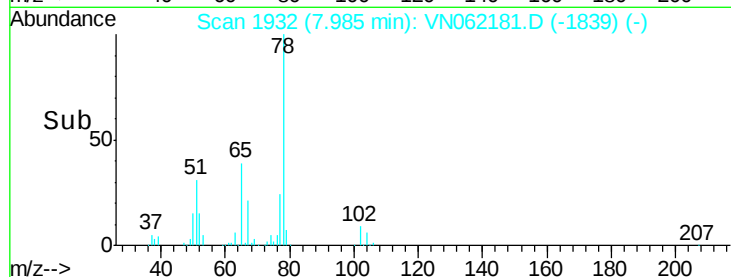
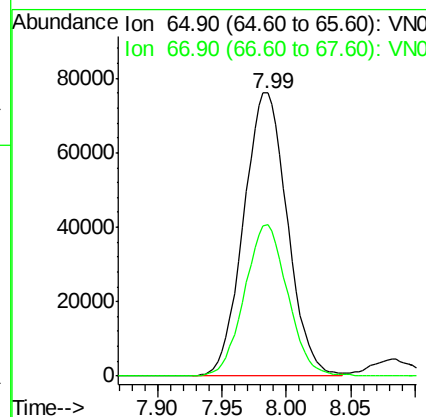
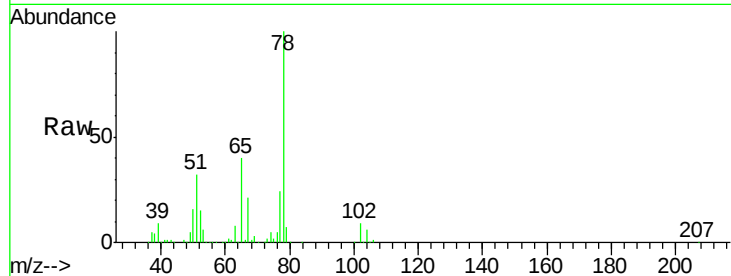
#33
 1,2-Dichloroethane-d4
 Concen: 50.506 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	179844		
67	52.7	0.0	106.2	

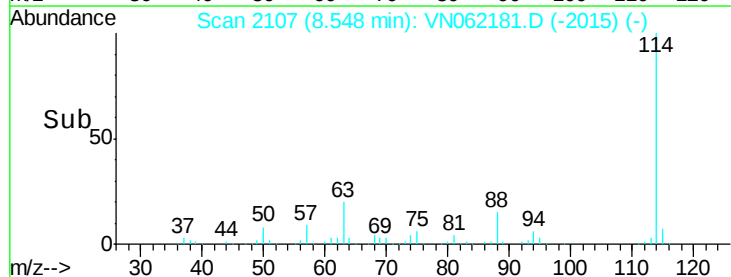
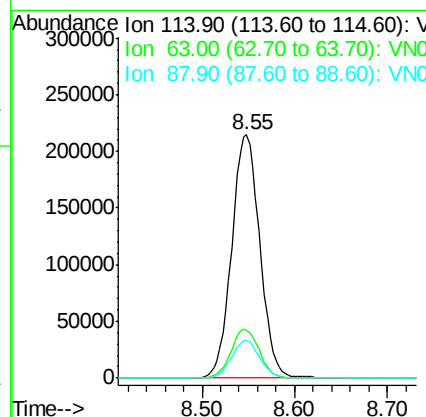
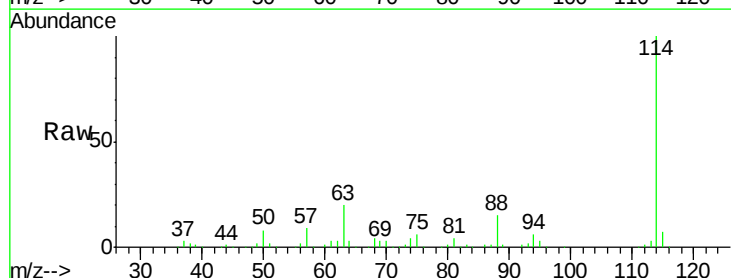
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	450941		
63	19.7	0.0	39.2	
88	15.3	0.0	30.8	





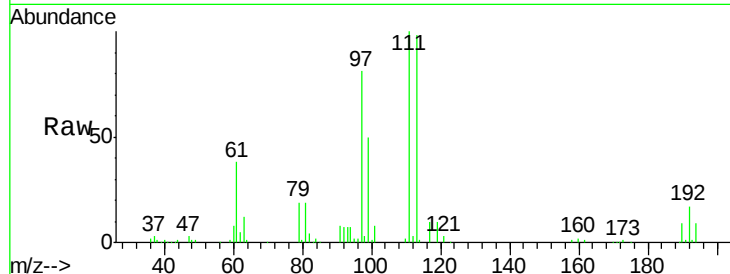
#35
Dibromofluoromethane
Concen: 48.917 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

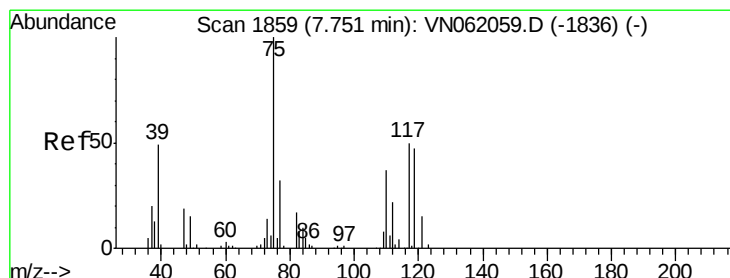
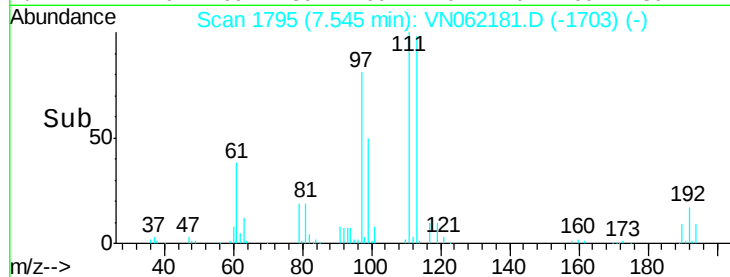
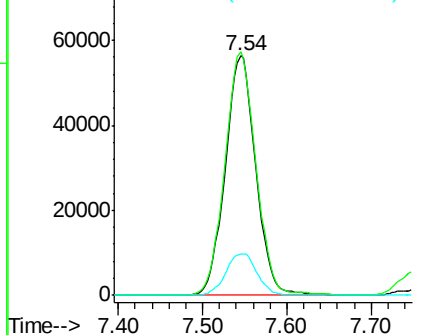
Tot Ion	Ratio	Resp	Lower	Upper
113	100	141517		
111	103.3	82.2	123.4	
192	17.8	14.0	21.0	

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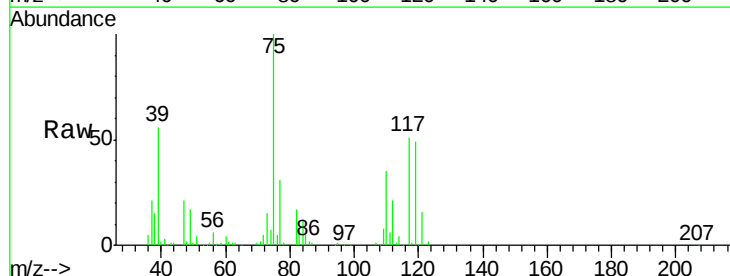


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

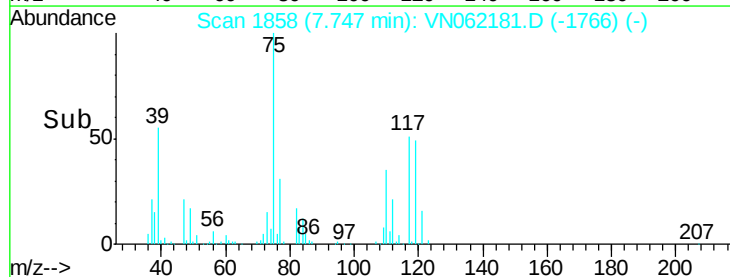
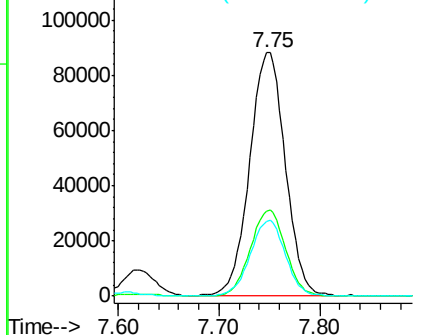


#36
1,1-Dichloropropene
Concen: 47.516 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	215375		
110	35.0	17.9	53.8	
77	30.9	24.9	37.3	



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





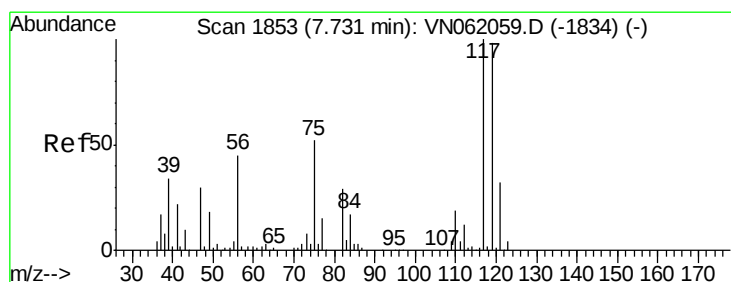
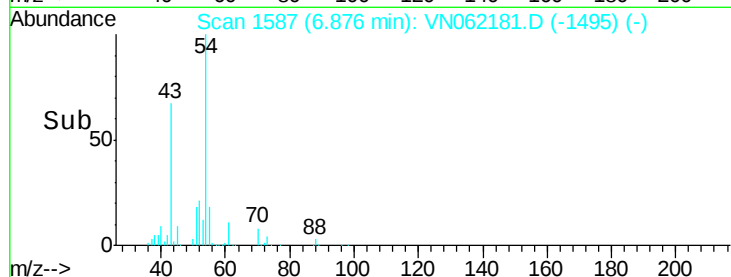
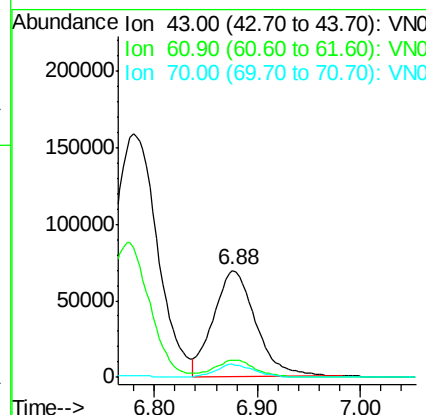
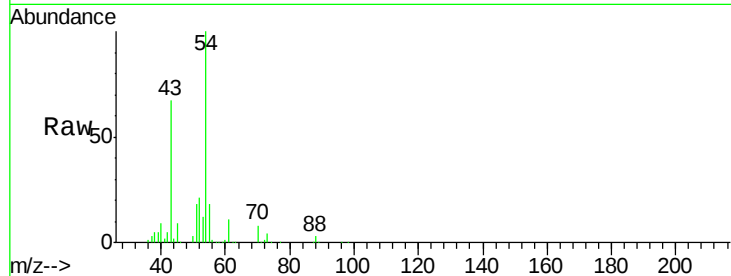
#37
Ethyl Acetate
Concen: 52.557 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.0	18.0
70	11.3	9.6	14.4

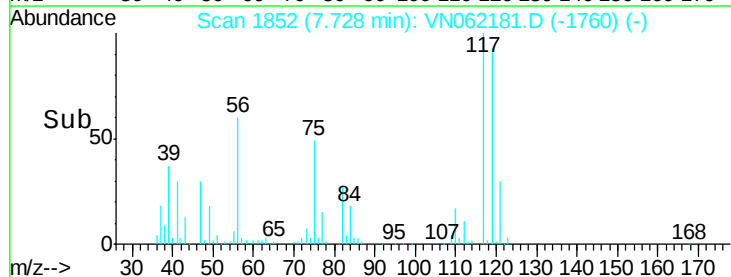
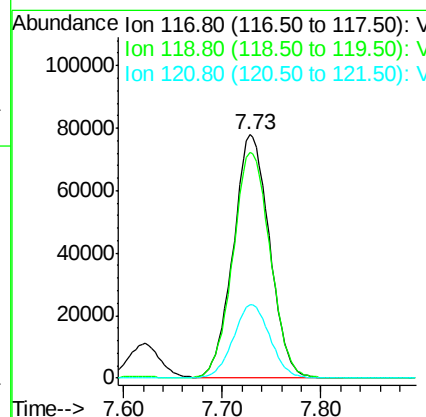
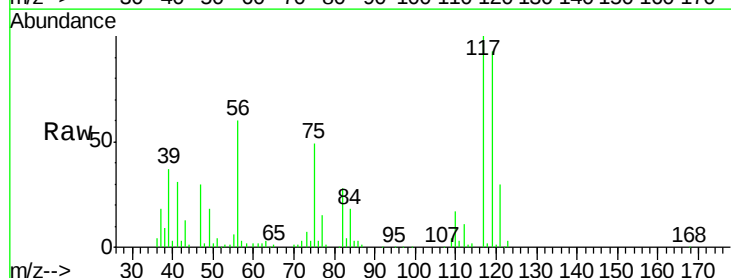
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#38
Carbon Tetrachloride
Concen: 46.647 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.2	117.2
121	30.1	25.8	38.6





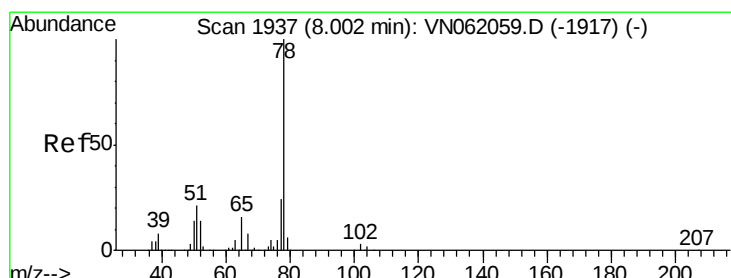
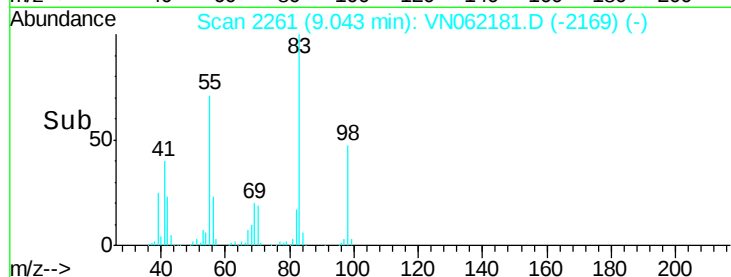
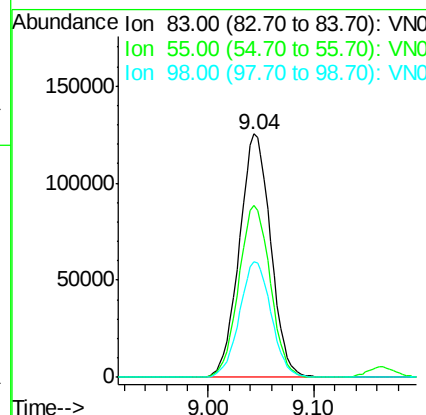
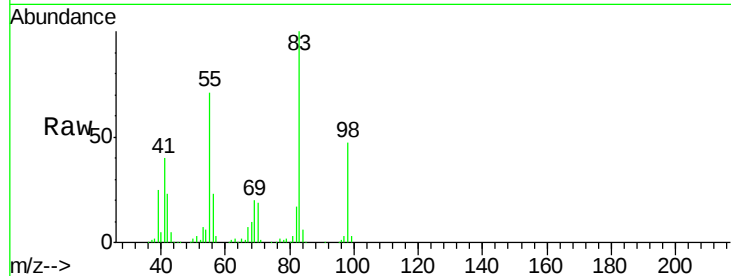
#39
Methvlcvclohexane
Concen: 52.132 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	258904
Ion Ratio	Lower	Upper	
83	100		
55	70.5	57.0	85.6
98	47.4	39.0	58.6

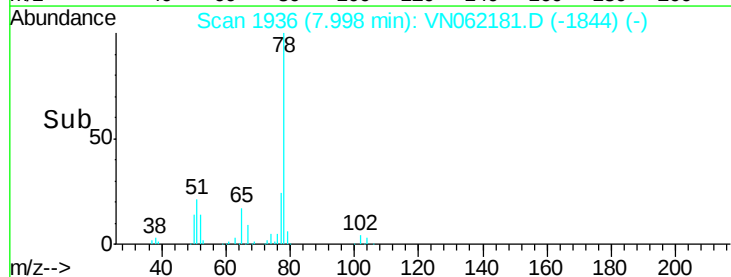
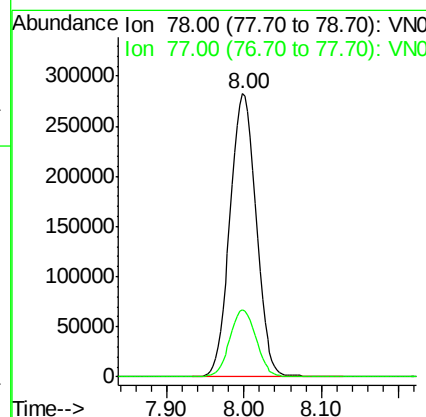
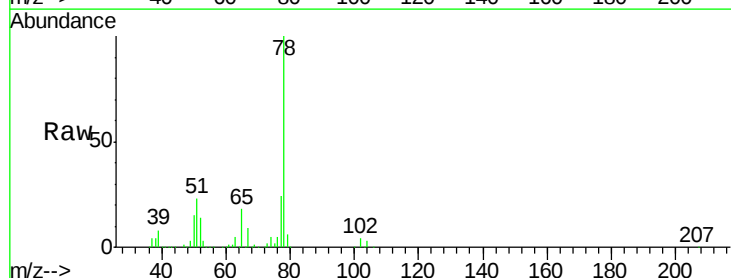
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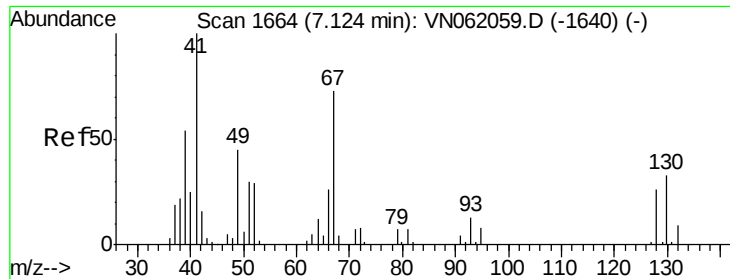
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#40
Benzene
Concen: 48.072 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	78	Resp	664121
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.5	29.3





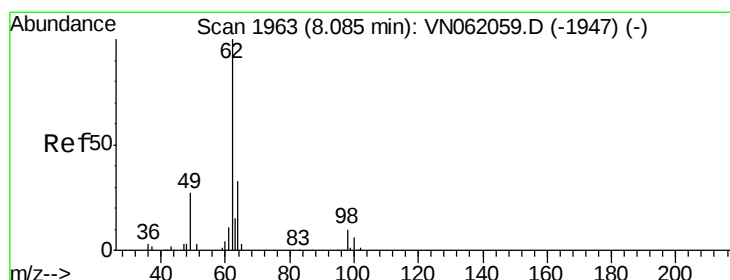
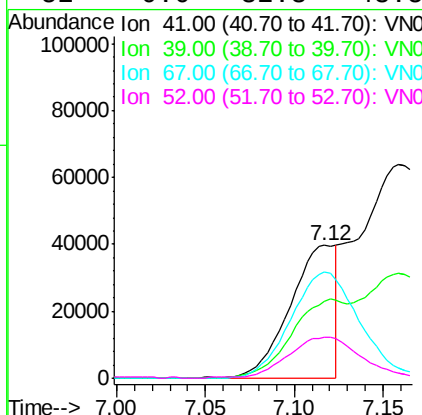
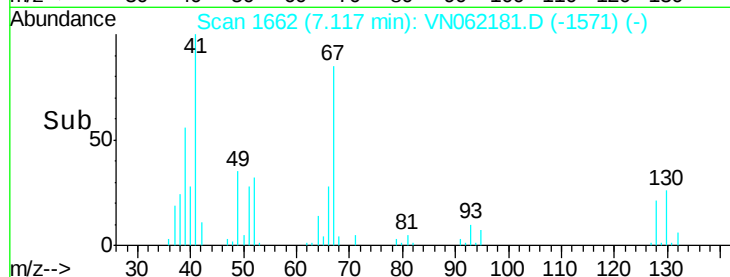
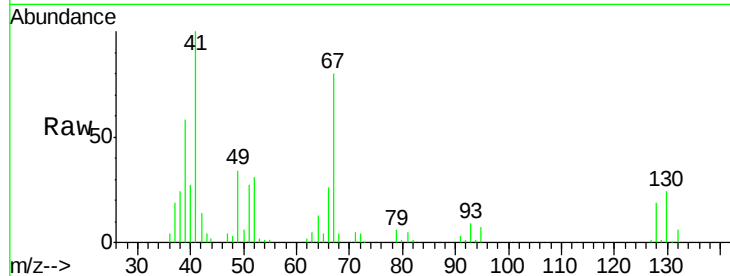
#41
Methacrylonitrile
Concen: 41.608 ug/l m
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

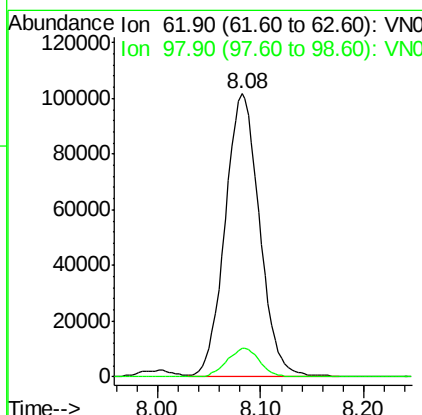
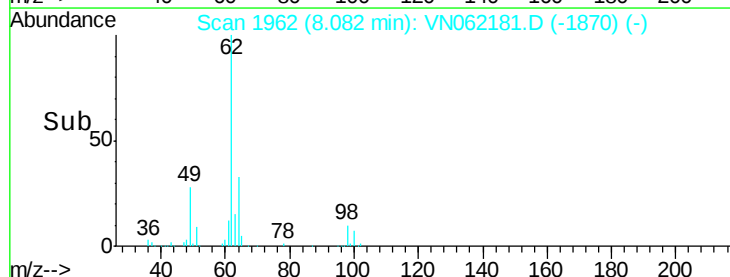
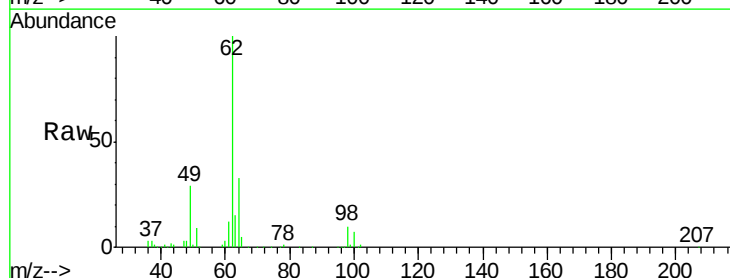
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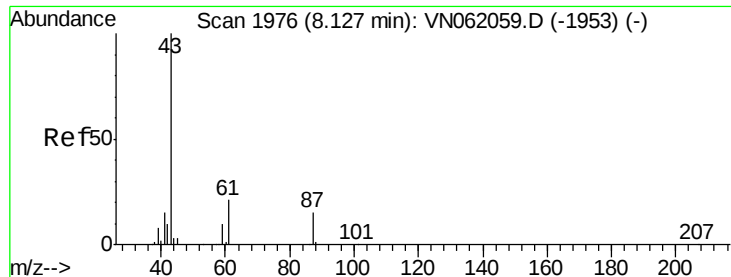
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#42
1,2-Dichloroethane
Concen: 50.383 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





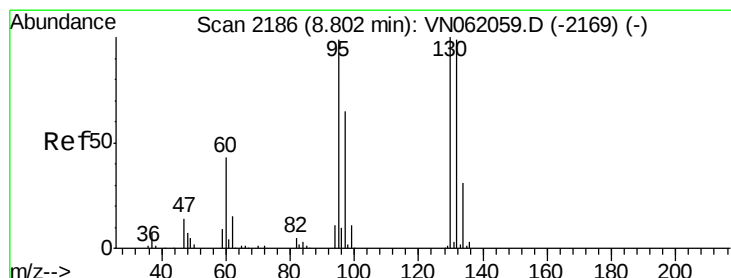
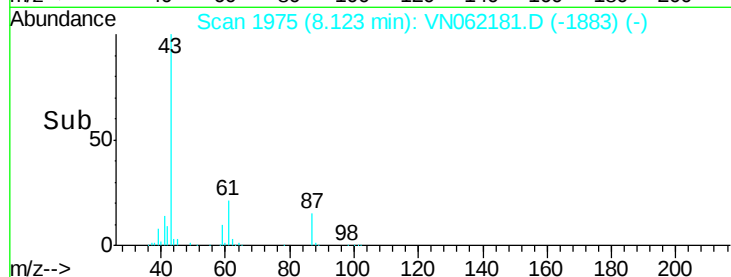
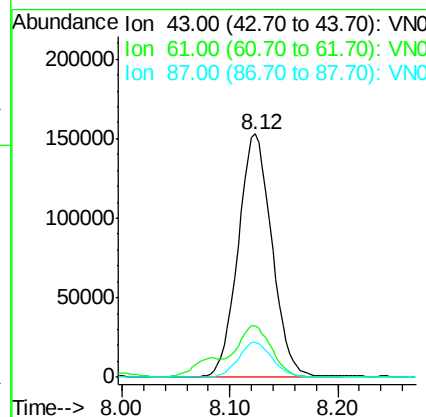
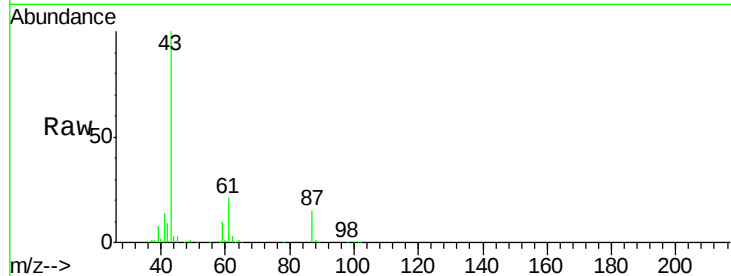
#43
Isopropyl Acetate
Concen: 54.365 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.2	25.8
87	14.6	12.1	18.1

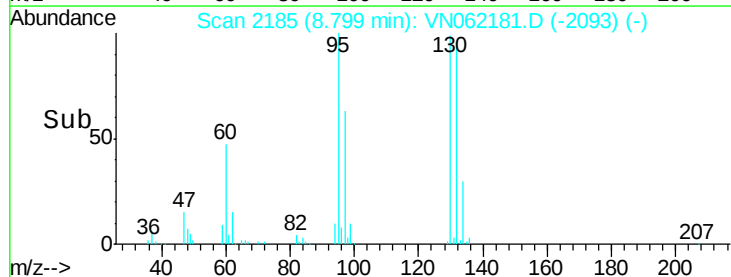
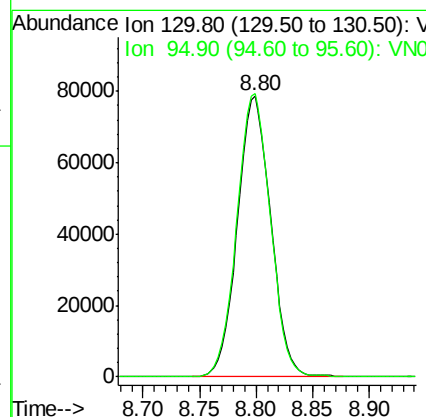
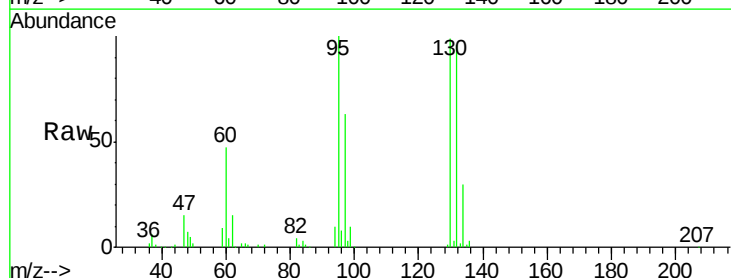
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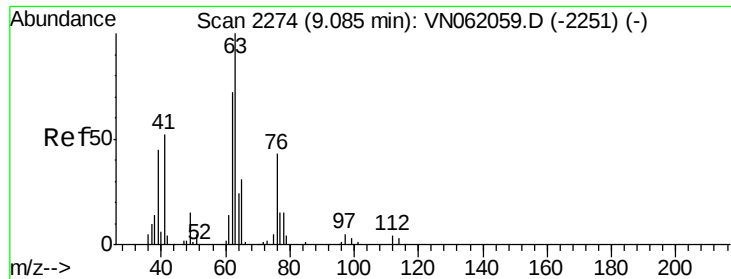
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#44
Trichloroethene
Concen: 46.405 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	197.8





#45

1,2-Dichloropropane

Concen: 50.555 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 172308

Ion Ratio Lower Upper

63 100

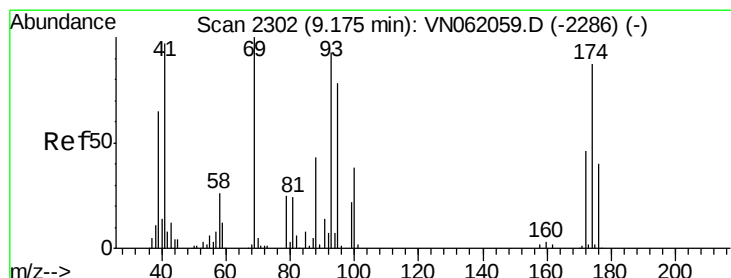
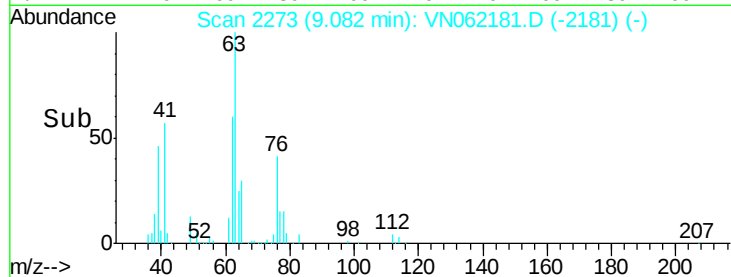
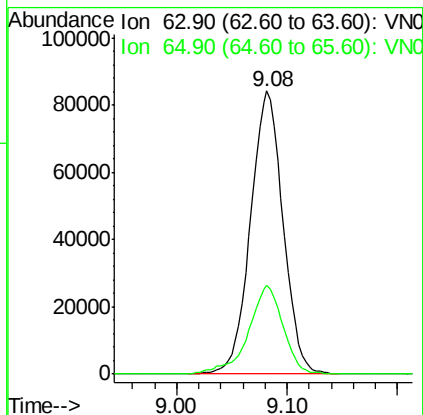
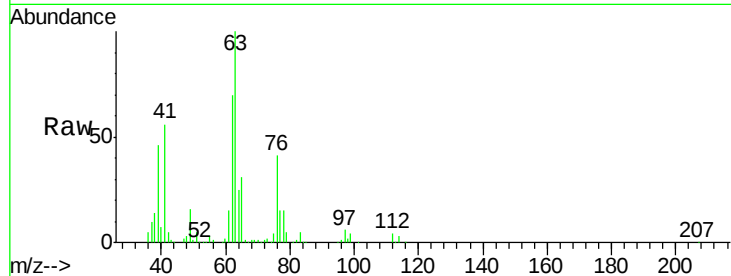
65 31.2 25.0 37.4

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#46

Dibromomethane

Concen: 49.460 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

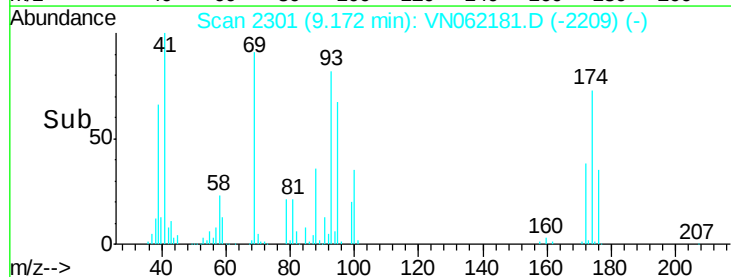
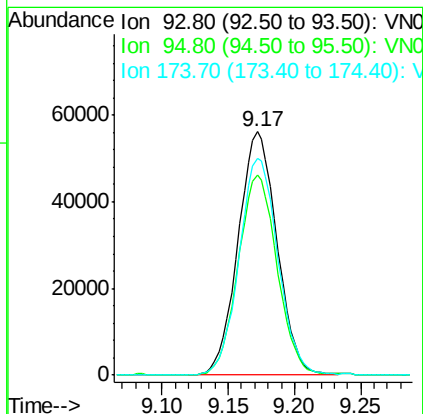
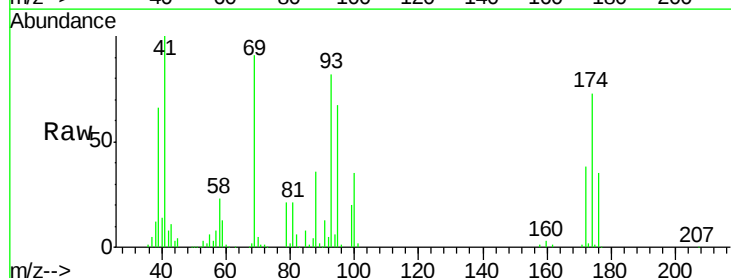
Tgt Ion: 93 Resp: 114294

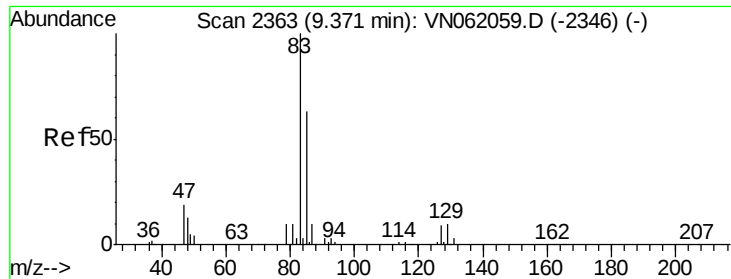
Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.6

174 89.1 74.4 111.6





#47

Bromodichloromethane

Concen: 50.148 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

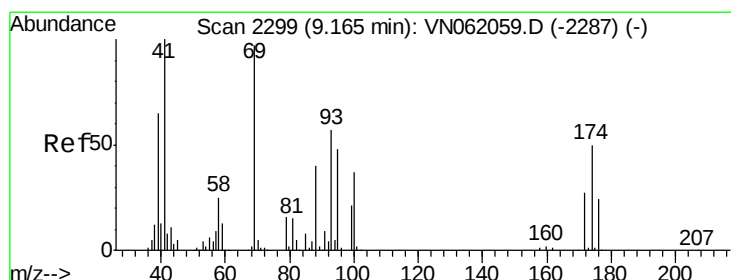
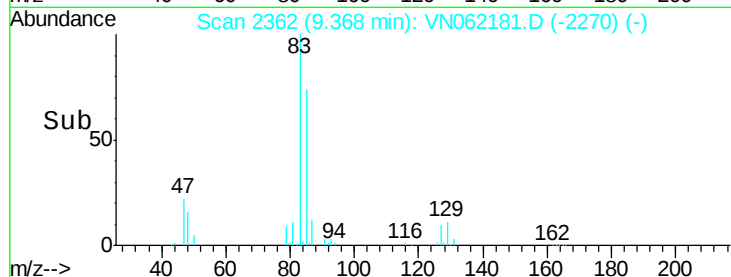
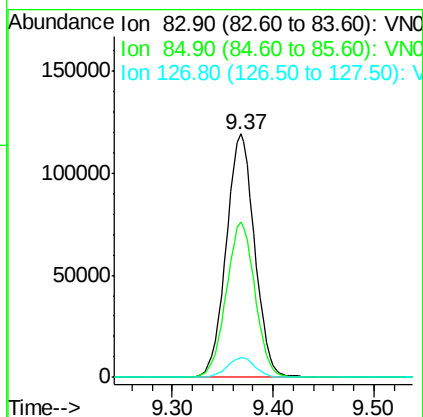
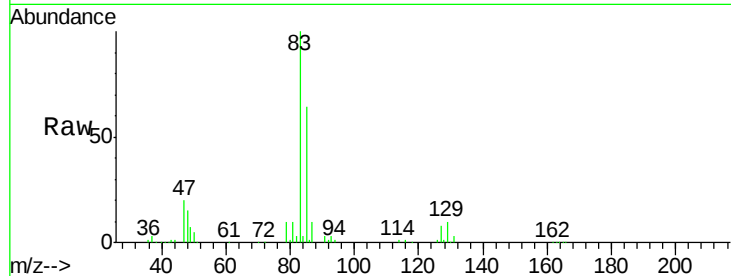
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	233987
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.3	75.5
127	8.2	6.9	10.3

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#48

Methyl methacrylate

Concen: 55.722 ug/l

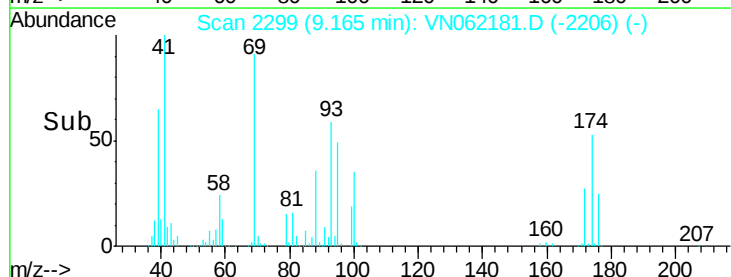
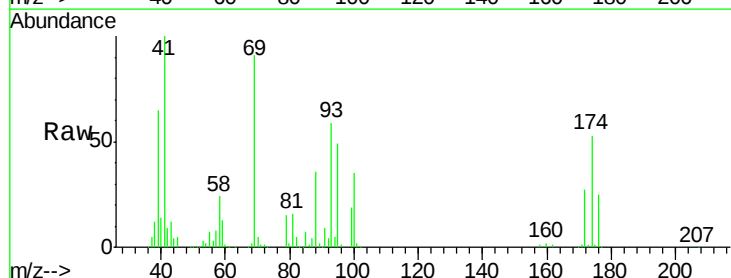
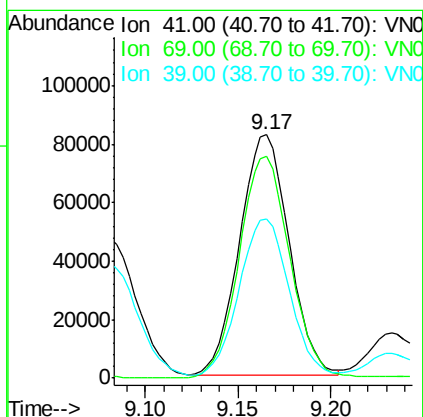
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Tgt Ion:	41	Resp:	152863
Ion	Ratio	Lower	Upper
41	100		
69	94.9	80.7	121.1
39	67.1	54.5	81.7





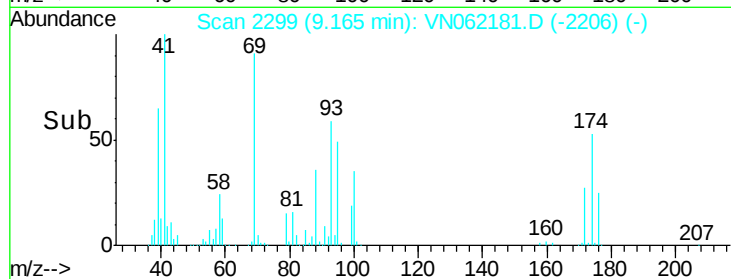
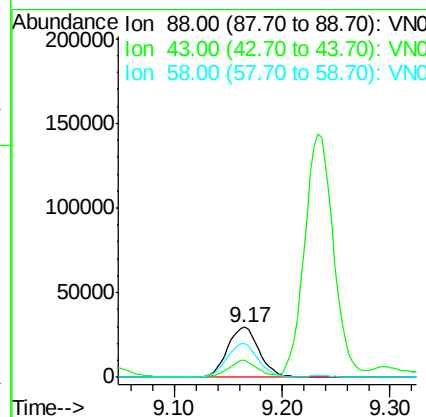
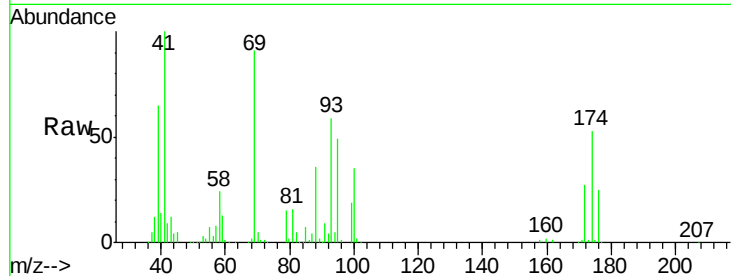
#49
1,4-Dioxane
Concen: 1011.016 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	22.0	33.0
58	66.4	49.2	73.8

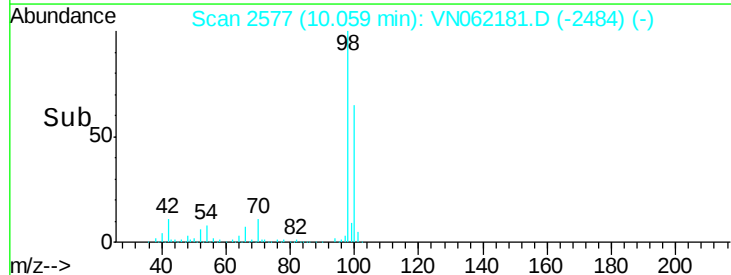
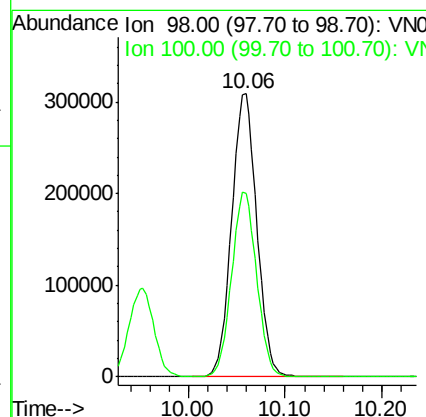
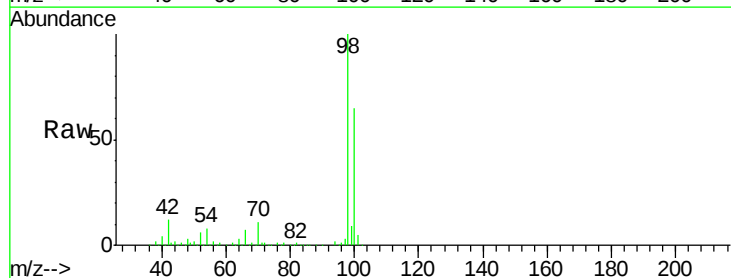
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#50
Toluene-d8
Concen: 48.347 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.2	76.8





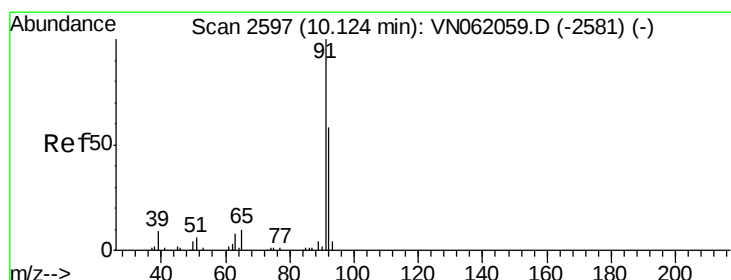
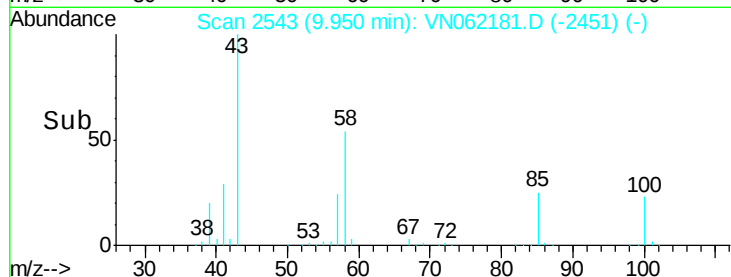
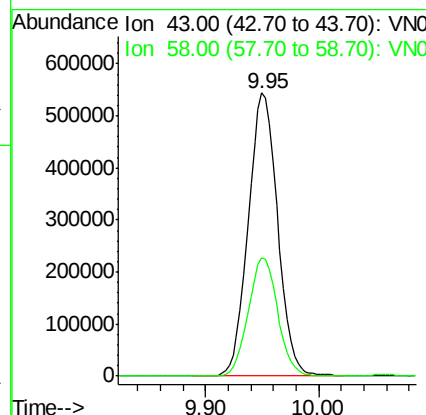
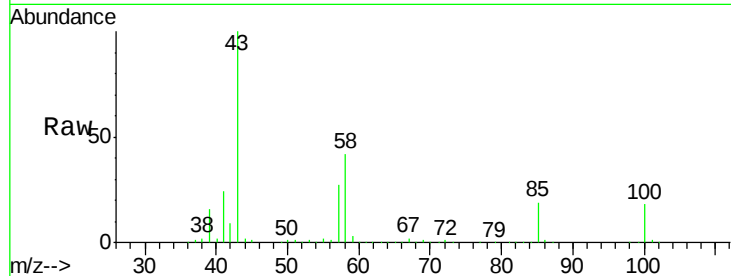
#51
4-Methyl-2-Pentanone
Concen: 274.611 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 981663
Ion Ratio Lower Upper
43 100
58 41.9 34.2 51.2

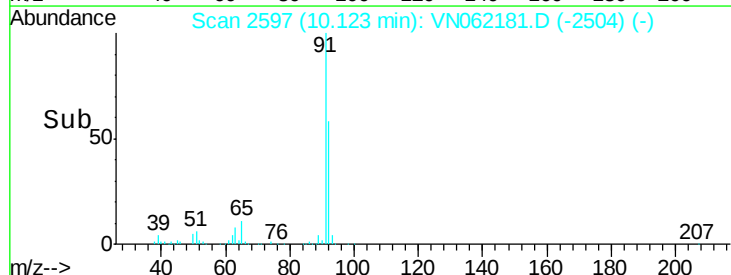
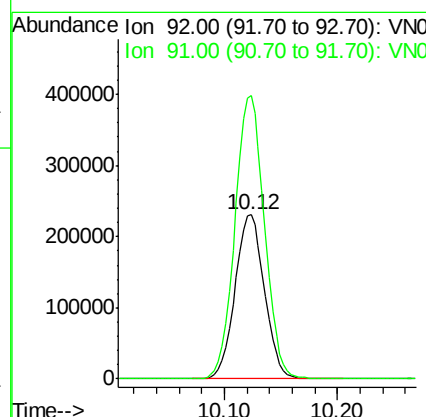
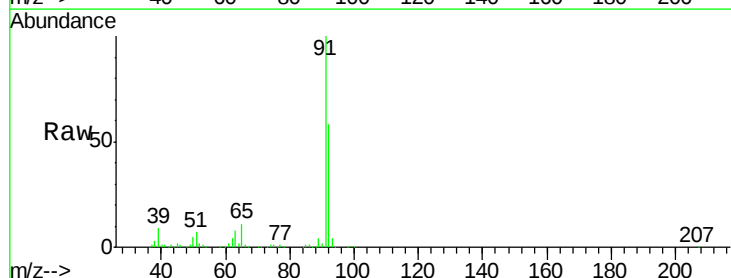
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#52
Toluene
Concen: 49.537 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 92 Resp: 417569
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0





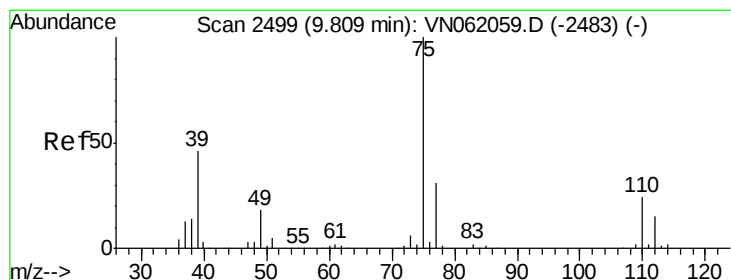
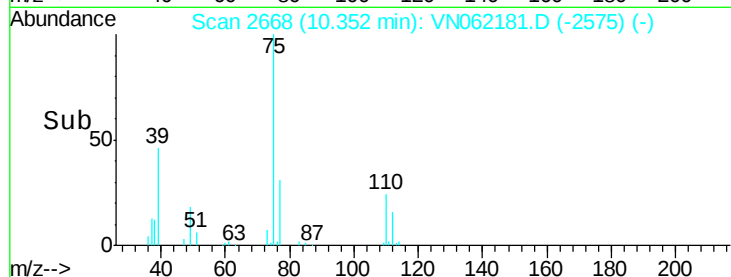
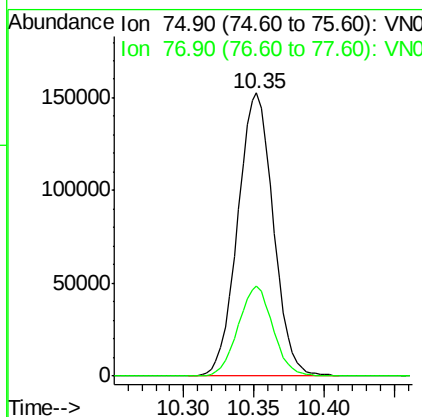
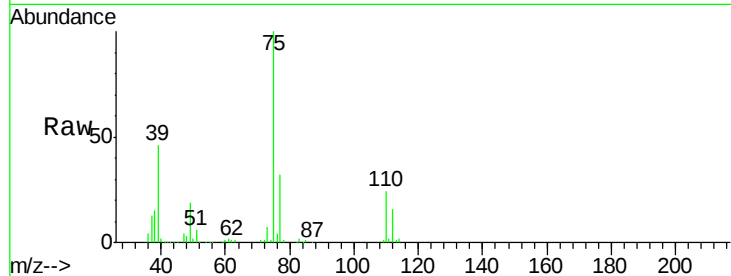
#53
t-1,3-Dichloropropene
Concen: 52.613 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 270080
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3

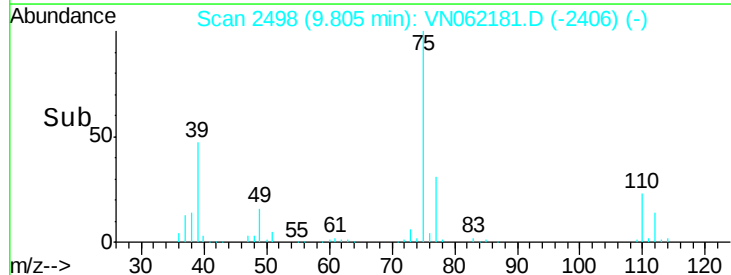
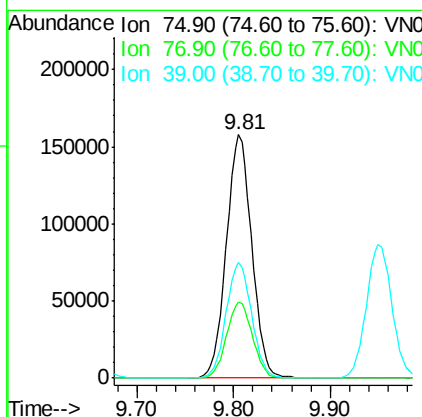
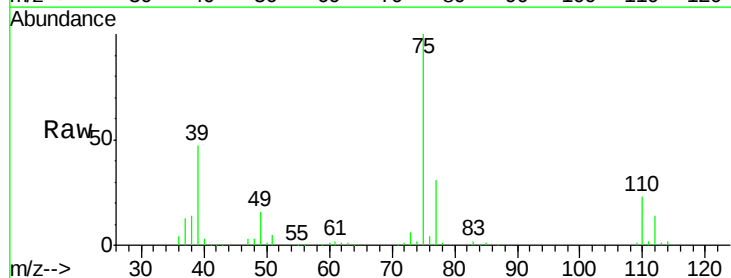
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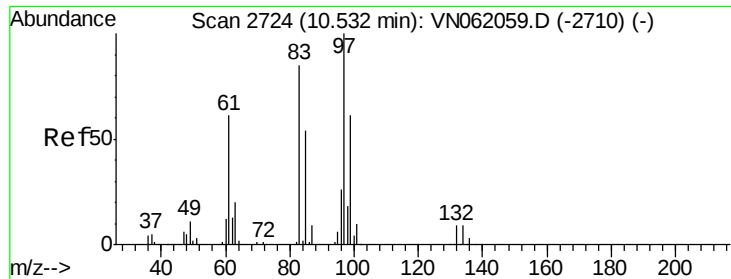
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#54
cis-1,3-Dichloropropene
Concen: 52.866 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 75 Resp: 288925
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 47.3 36.9 55.3





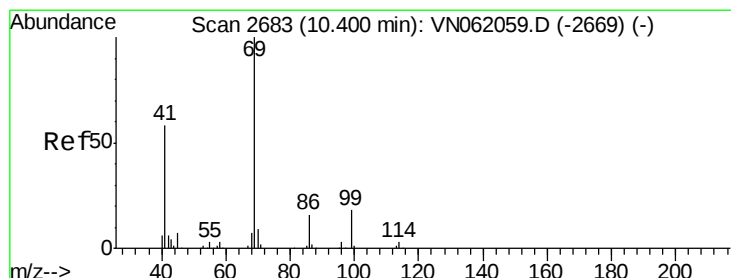
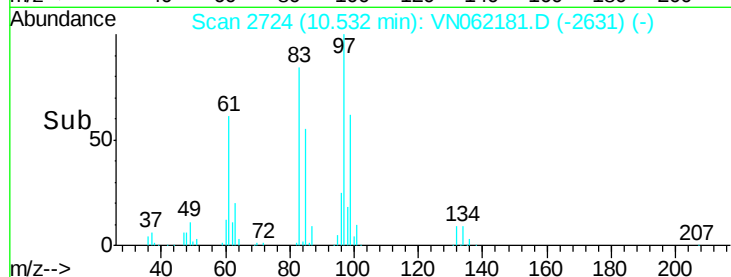
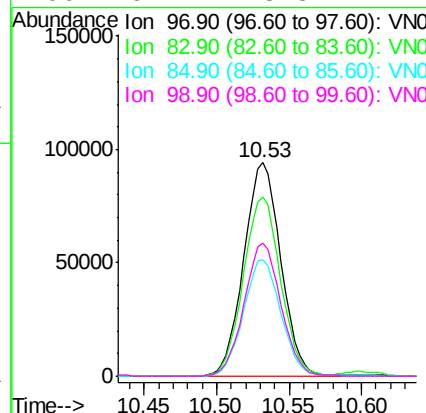
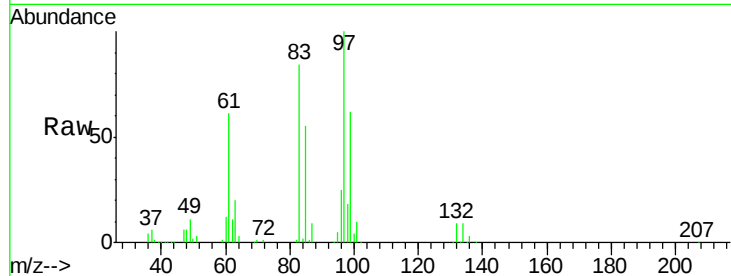
#55
 1,1,2-Trichloroethane
 Concen: 50.634 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	167778
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.2	102.2
85	54.8	43.2	64.8
99	62.4	48.5	72.7

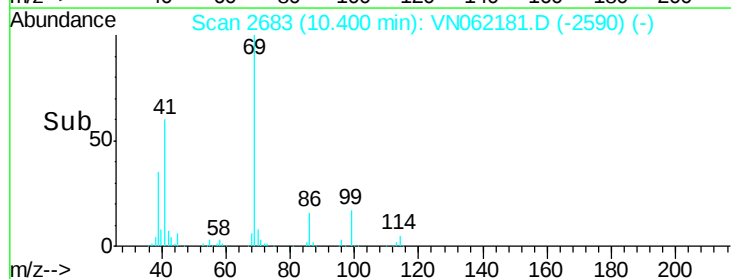
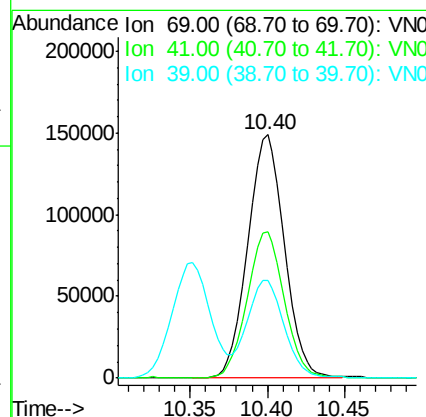
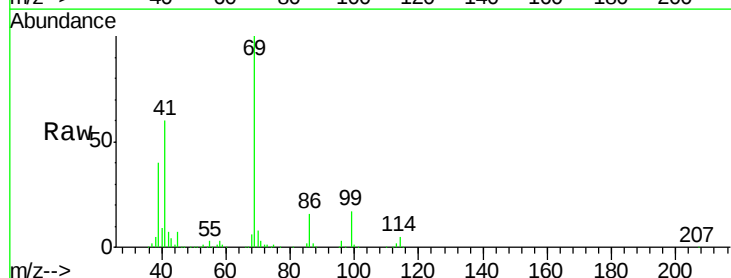
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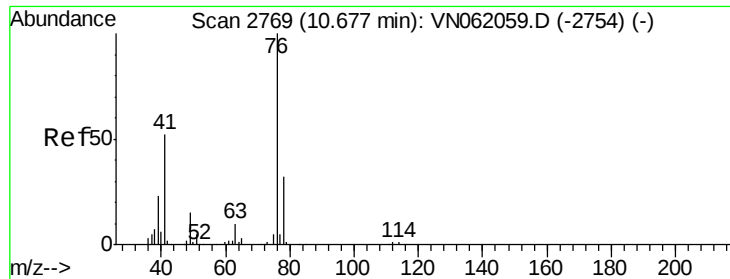
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#56
 Ethyl methacrylate
 Concen: 55.685 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion	69	Resp	246243
Ion	Ratio	Lower	Upper
69	100		
41	60.0	46.6	70.0
39	39.9	31.0	46.4





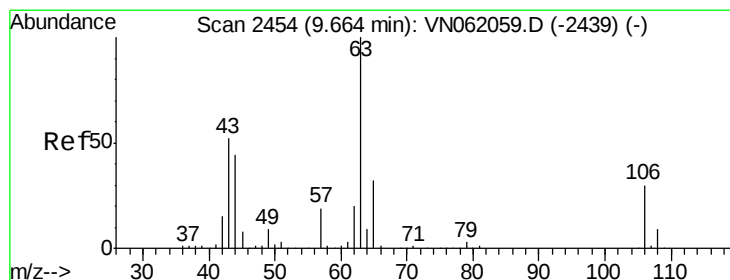
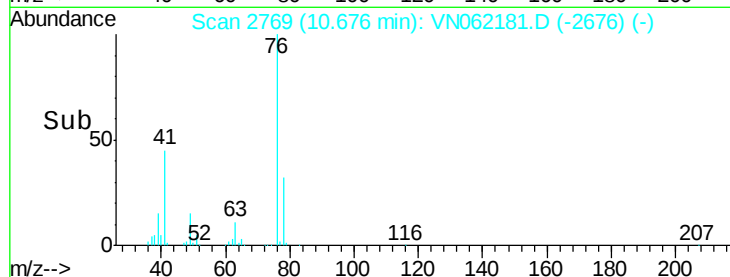
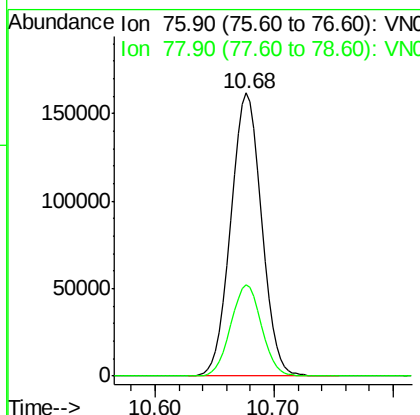
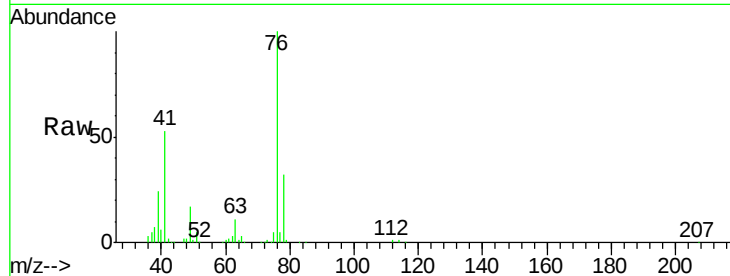
#57
 1,3-Dichloropropane
 Concen: 51.016 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

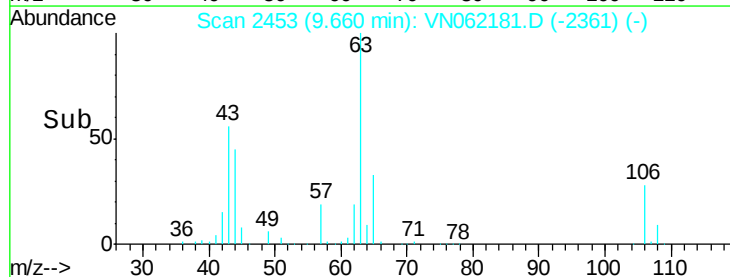
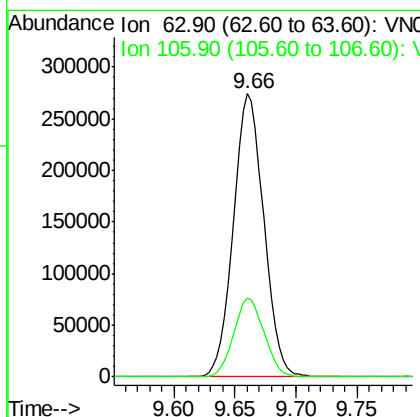
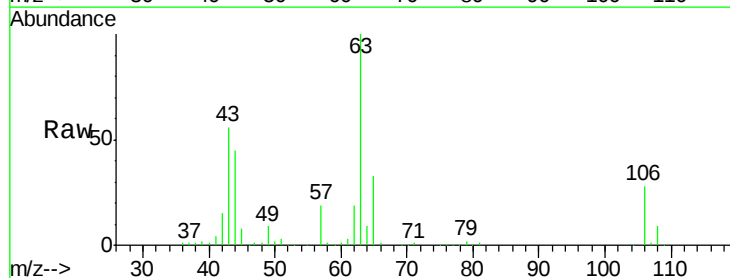
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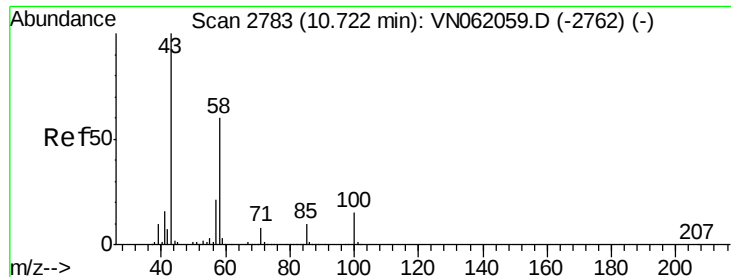
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.052 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	23.2	34.8





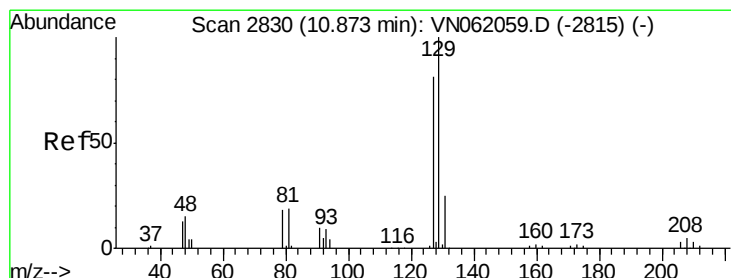
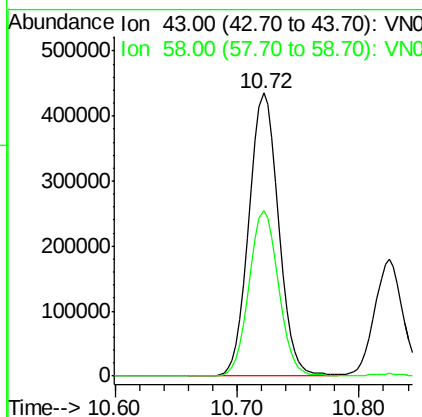
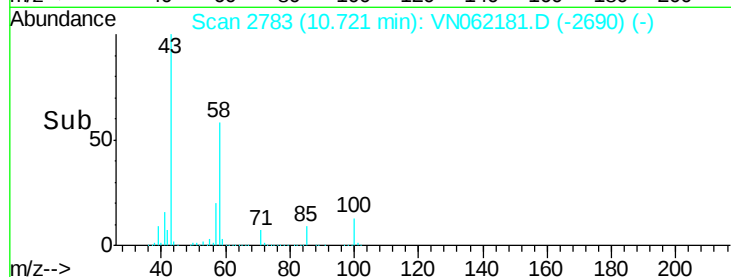
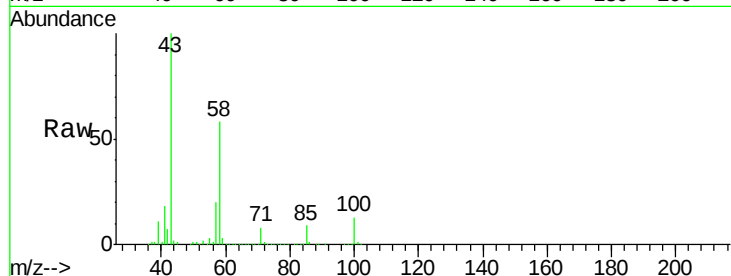
#59
2-Hexanone
Concen: 281.709 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.3	29.5	88.5

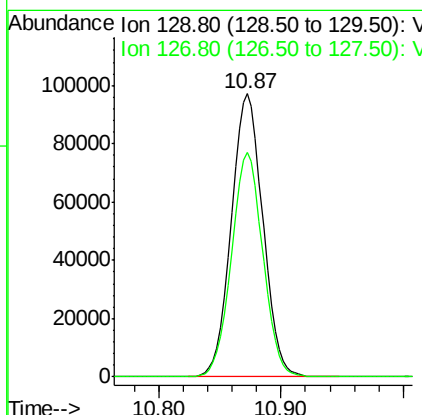
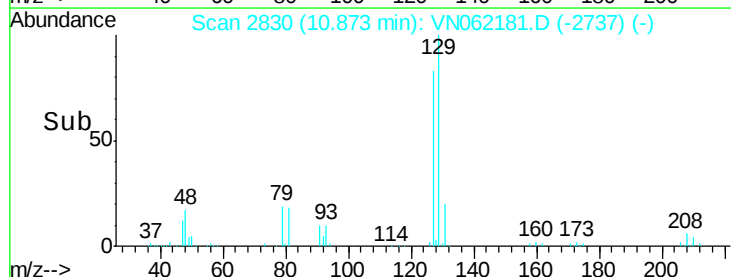
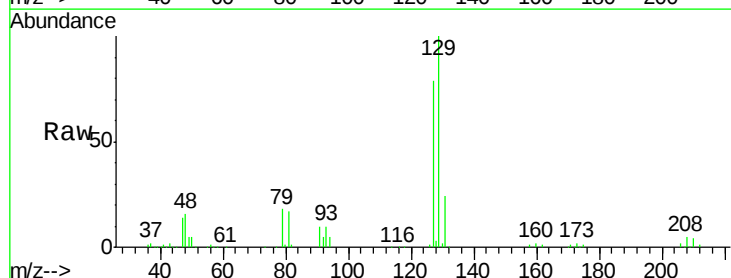
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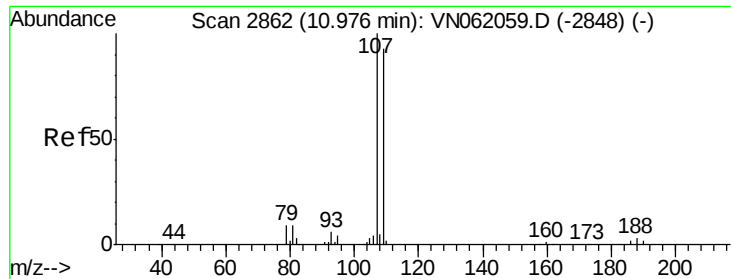
MMDadoda
6/30/2020 10:43:20 AM



#60
Dibromochloromethane
Concen: 49.843 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.5	118.5





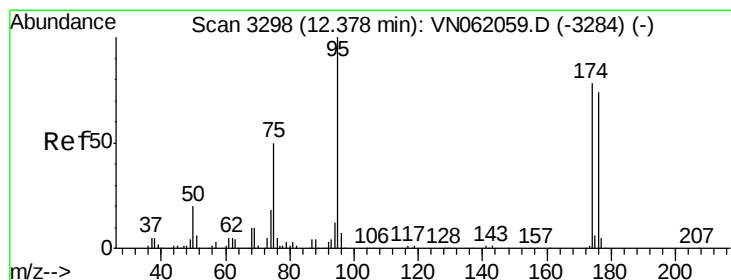
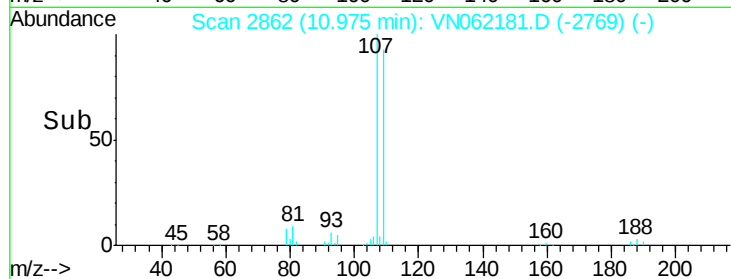
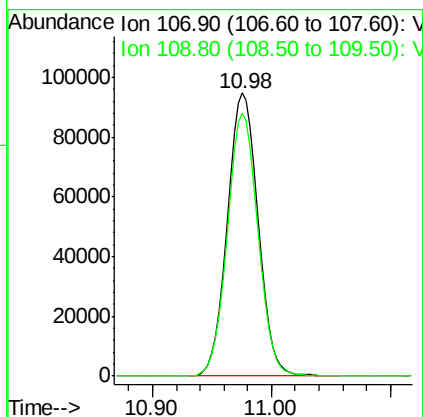
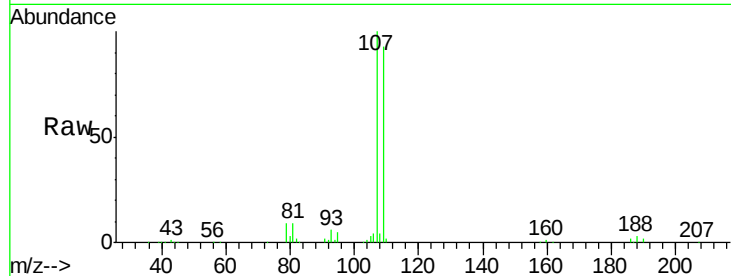
#61
 1,2-Dibromoethane
 Concen: 49.786 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.0	112.6

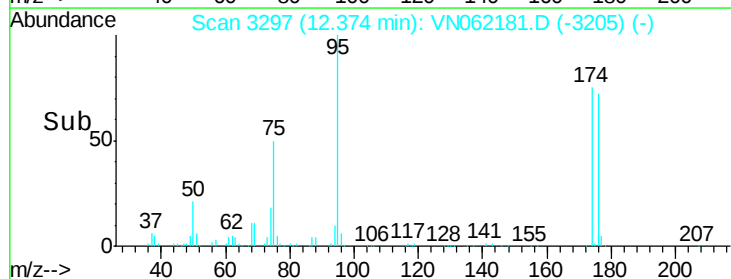
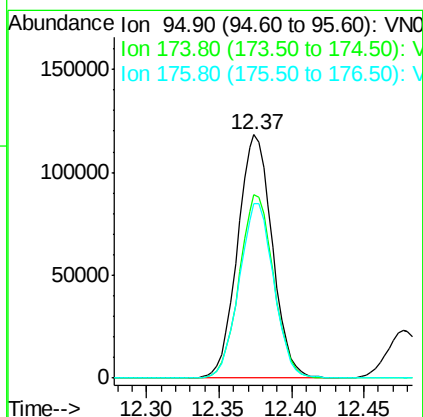
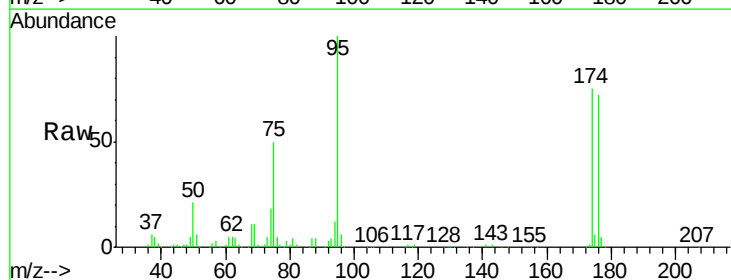
Manual Integrations
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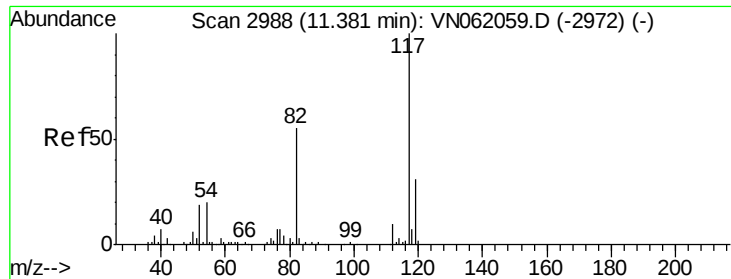
MMDadoda
 6/30/2020 10:43:20 AM



#62
 4-Bromofluorobenzene
 Concen: 50.289 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	154.8
176	71.6	0.0	147.4





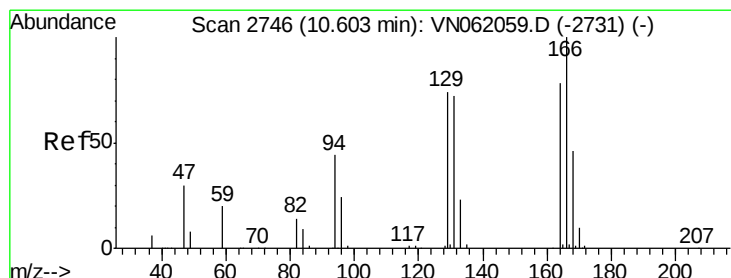
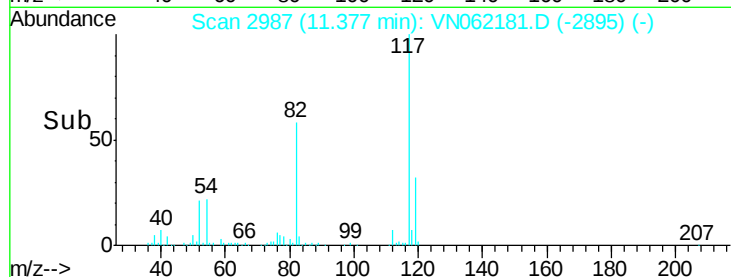
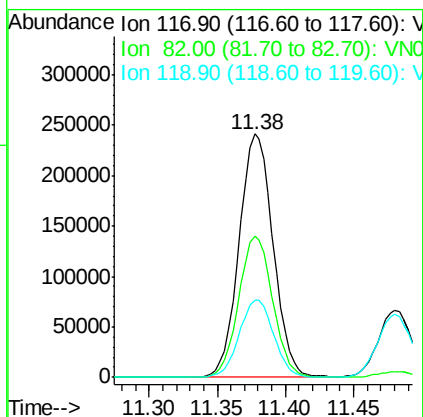
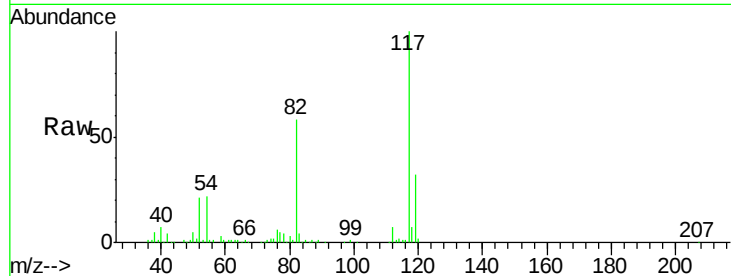
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	43.8	65.8
119	31.8	25.2	37.8

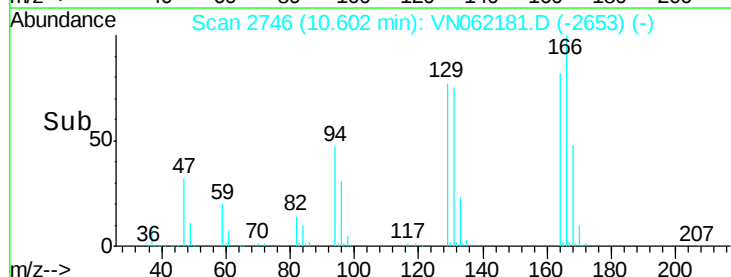
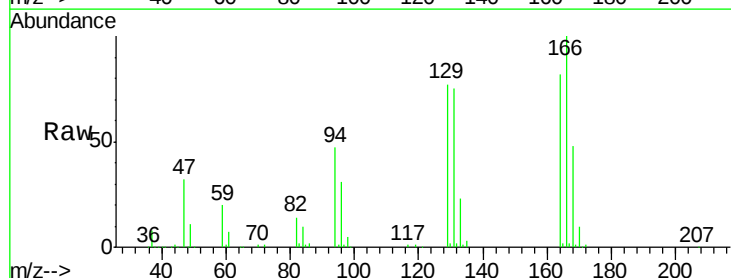
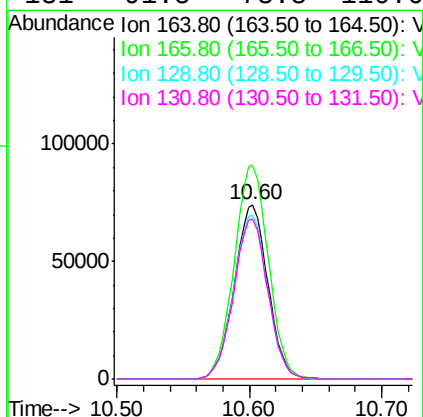
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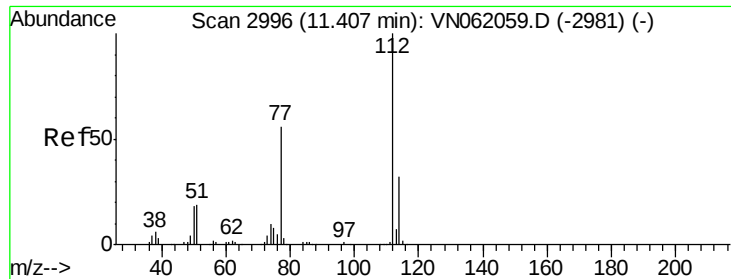
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#64
Tetrachloroethene
Concen: 45.652 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.5	102.9	154.3
129	94.1	75.8	113.8
131	91.5	73.8	110.6





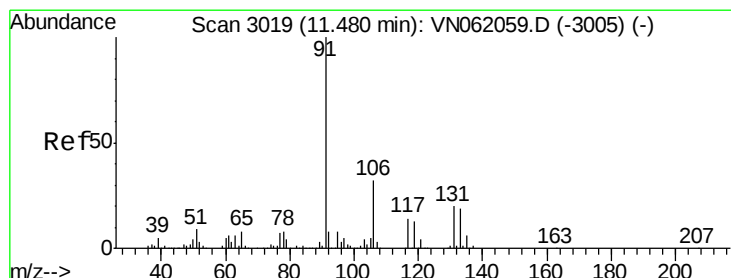
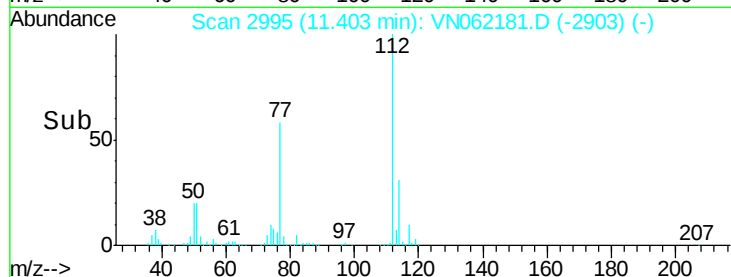
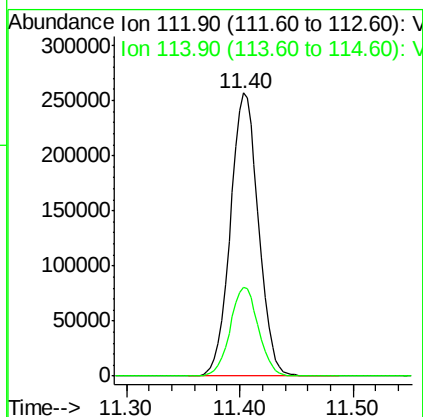
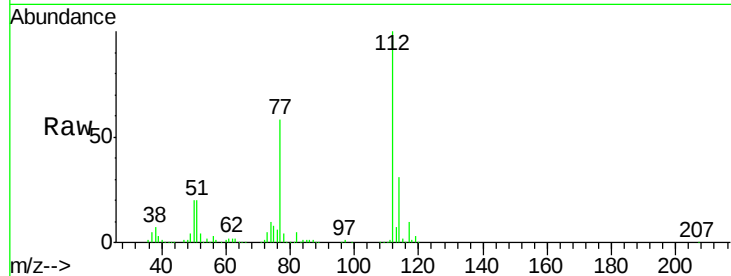
#65
Chlorobenzene
Concen: 48.265 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 443194
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

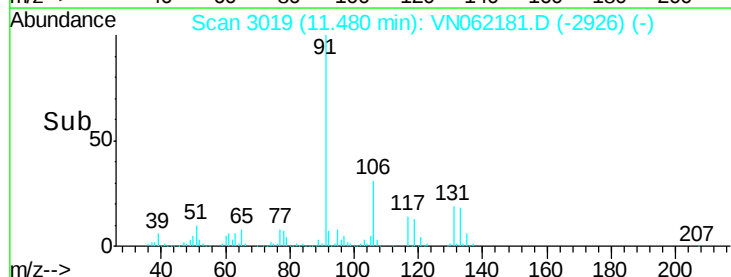
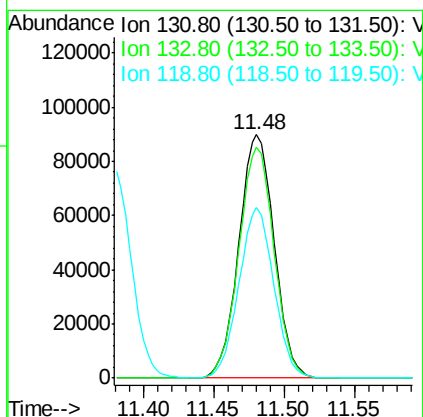
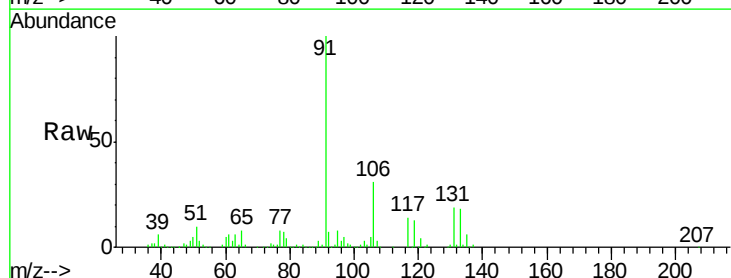
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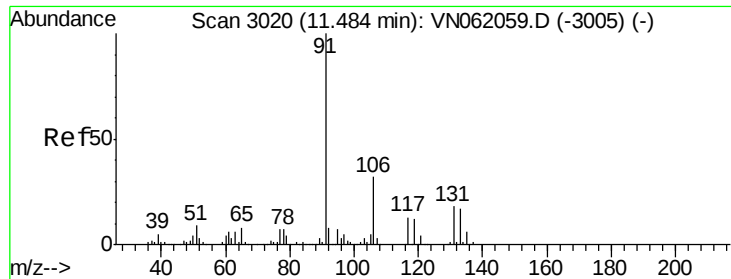
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.746 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion:131 Resp: 157954
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 69.3 34.4 103.3





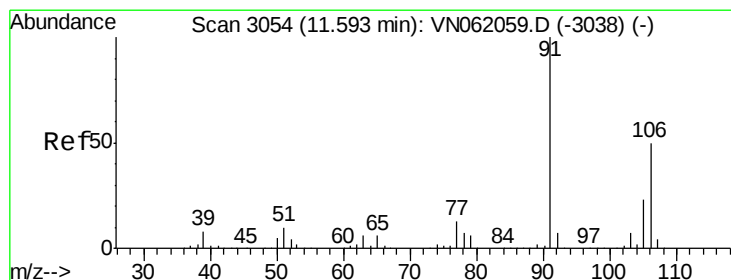
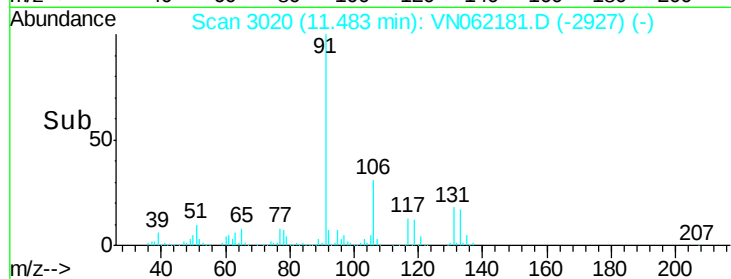
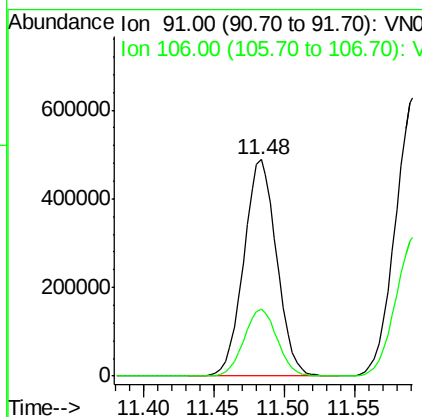
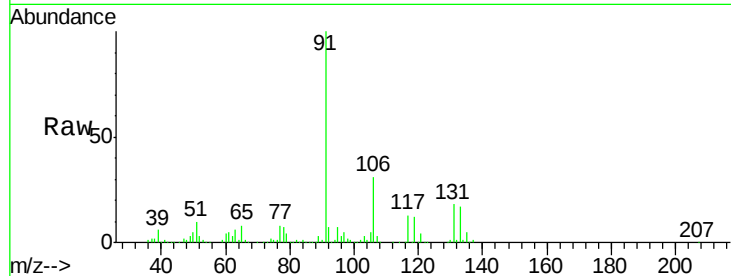
#67
Ethyl Benzene
Concen: 51.628 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 800652
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9

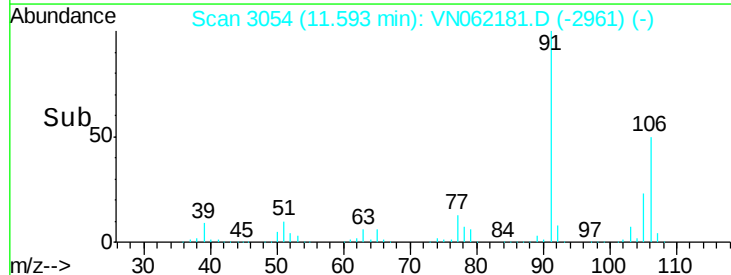
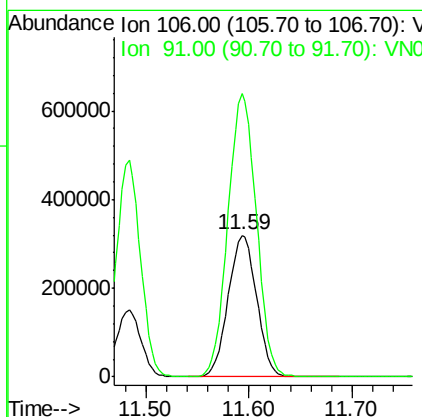
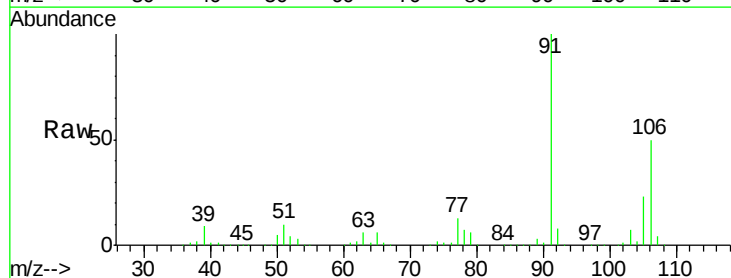
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6/30/2020 10:43:20 AM



#68
m/p-Xylenes
Concen: 101.959 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion: 106 Resp: 611579
Ion Ratio Lower Upper
106 100
91 200.4 157.8 236.8





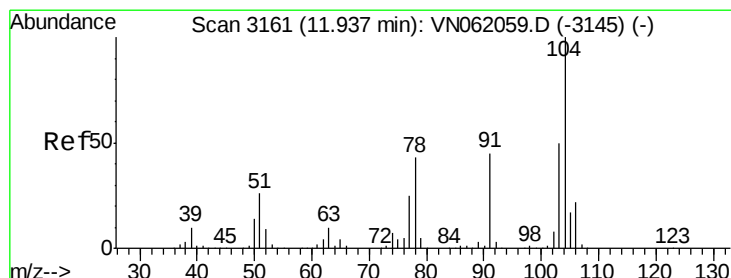
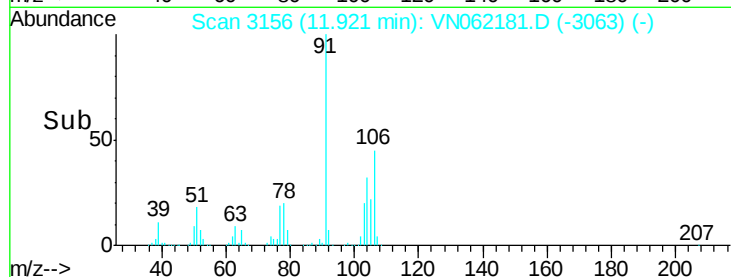
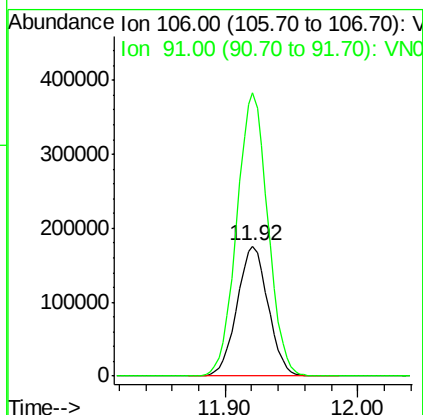
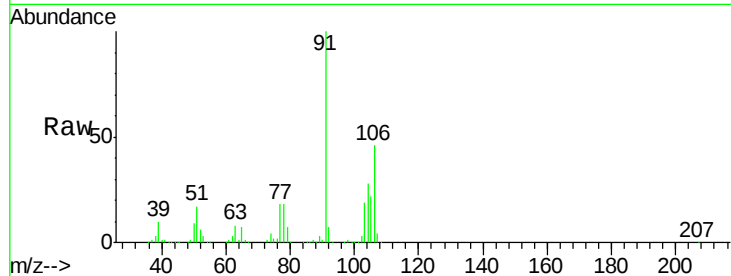
#69
o-Xylene
Concen: 50.536 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	286008		
91	91	217.9	104.0	311.9	

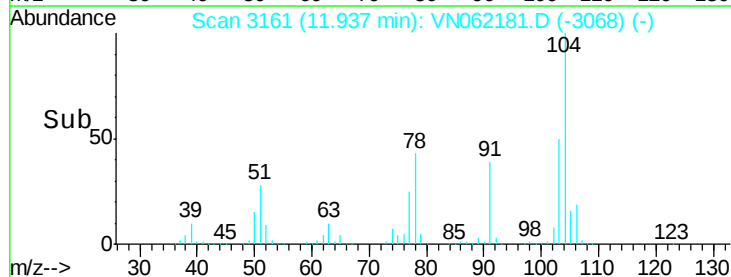
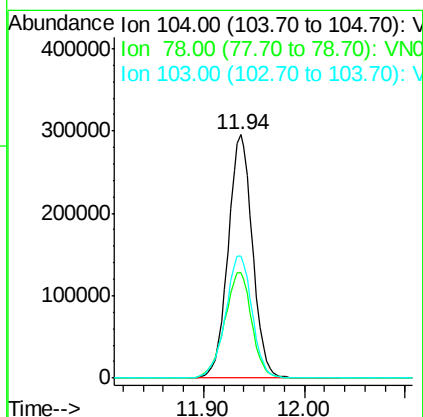
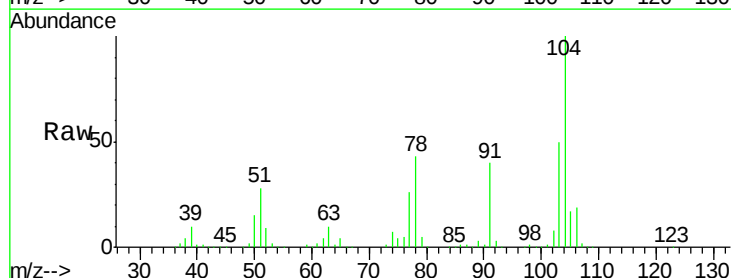
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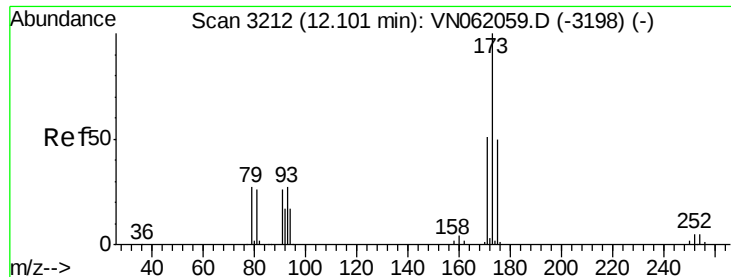
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#70
Styrene
Concen: 52.820 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	498542		
78	78	48.2	37.7	56.5	
103	103	54.8	43.0	64.6	





#71

Bromoform

Concen: 51.385 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

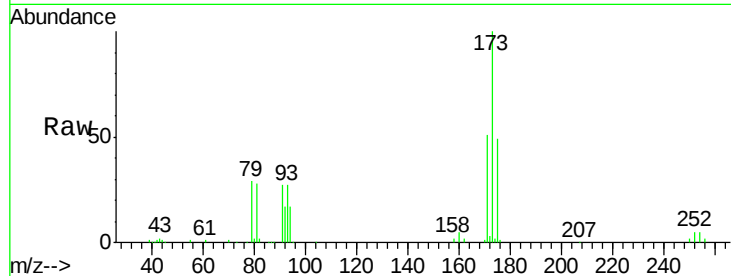
ClientSampleId :

VSTDCCC050

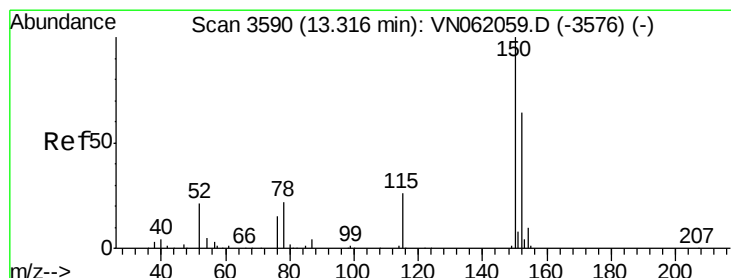
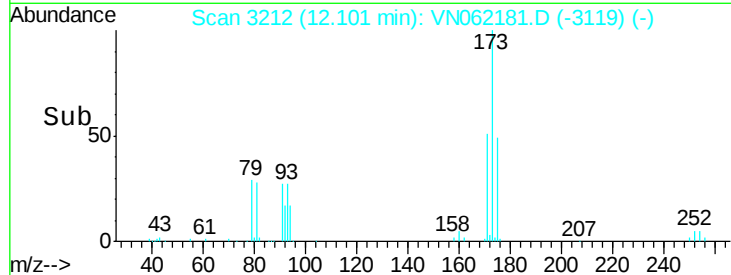
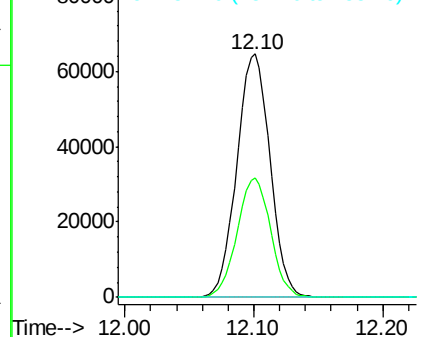
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.7	74.1
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

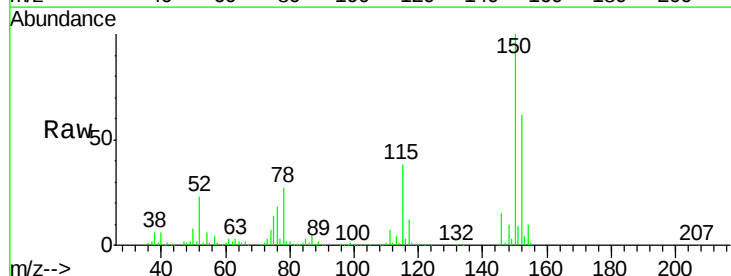
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

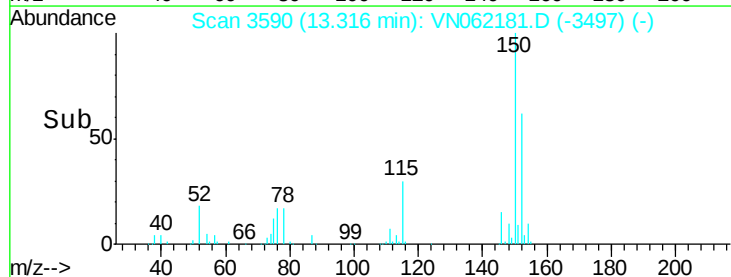
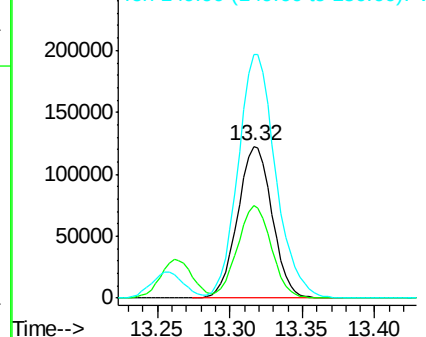
Lab File: VN062181.D

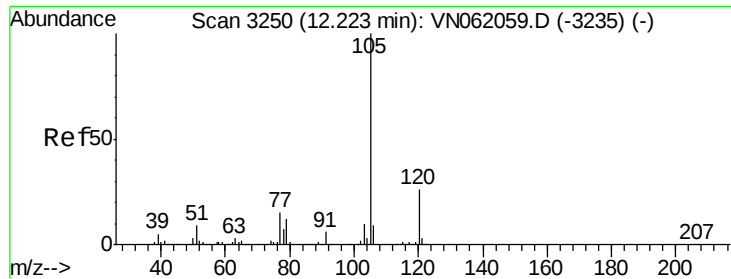
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.5	88.5
150	174.8	0.0	351.4



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





#73

Isopropylbenzene

Concen: 49.933 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 779456

Ion Ratio Lower Upper

105 100

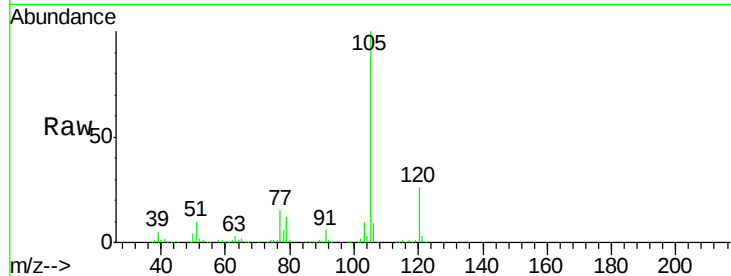
120 26.1 13.2 39.6

Manual Integrations

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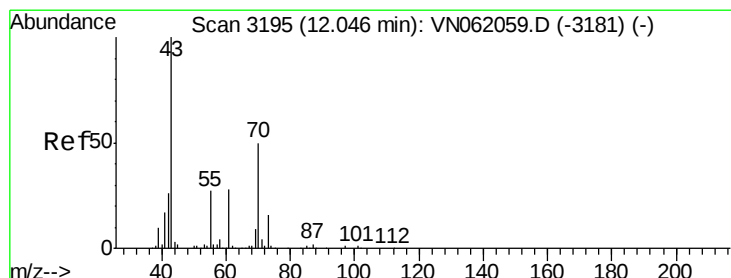
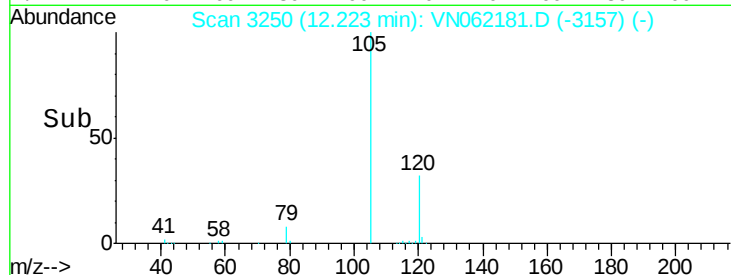
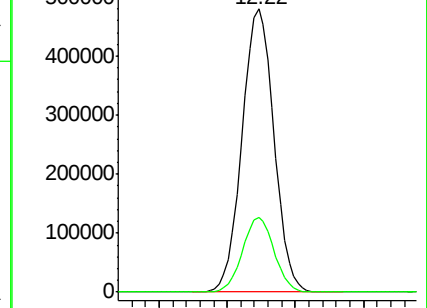
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.035 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Tgt Ion: 43 Resp: 299850

Ion Ratio Lower Upper

43 100

70 46.5 39.4 59.2

55 25.9 21.7 32.5

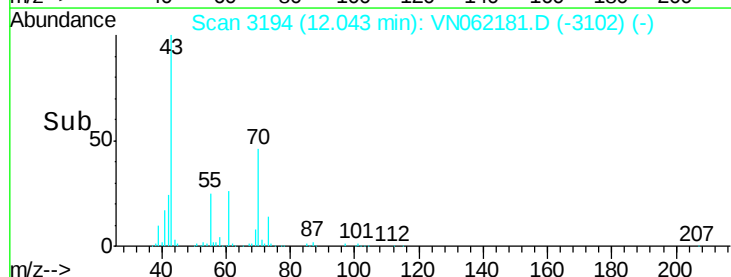
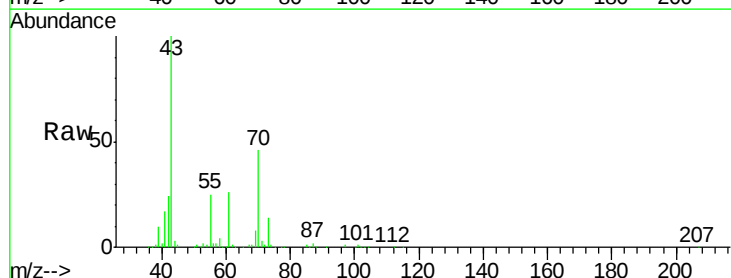
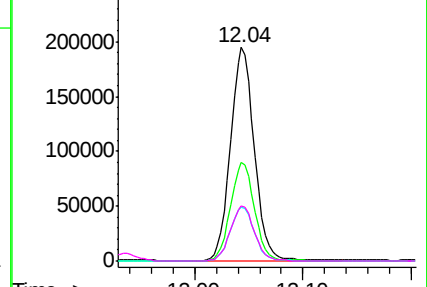
61 26.0 21.3 31.9

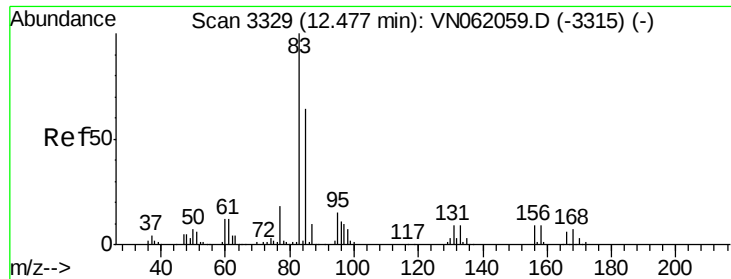
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.540 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

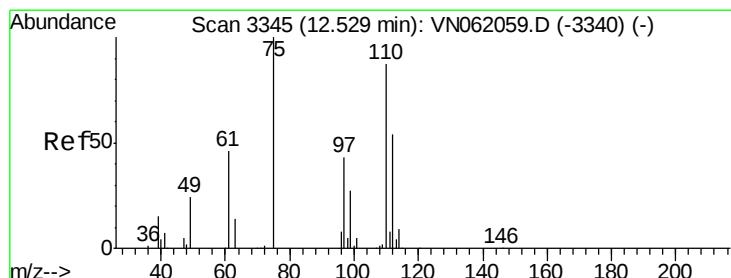
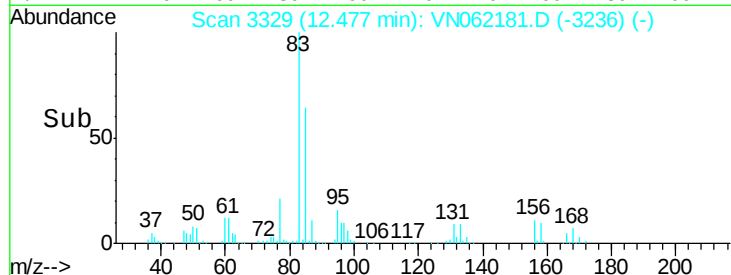
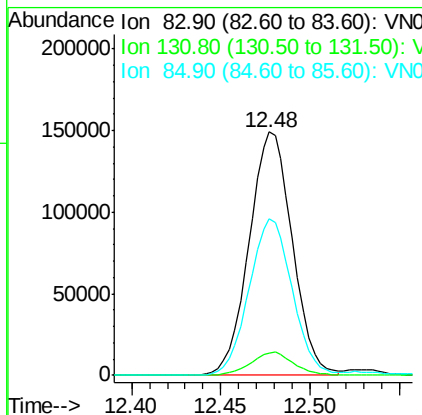
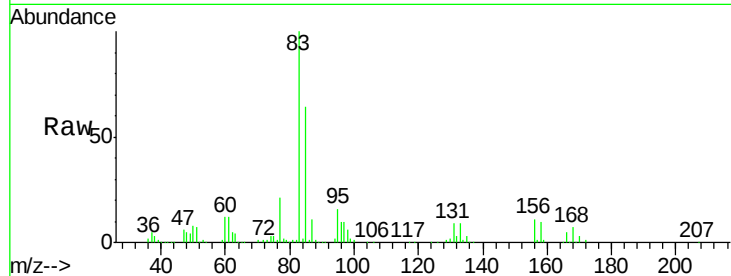
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	252150
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.4
85	64.1	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 47.014 ug/l m

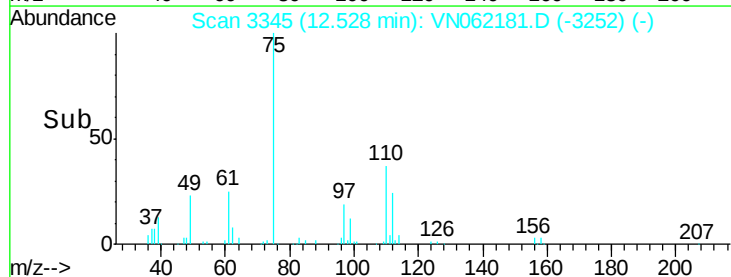
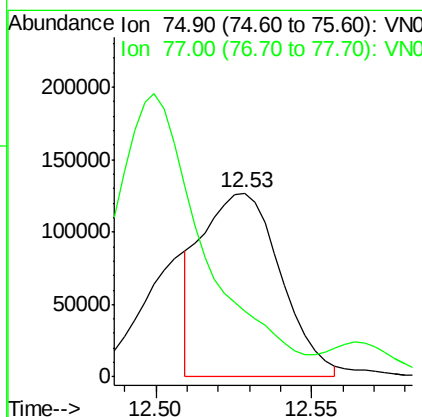
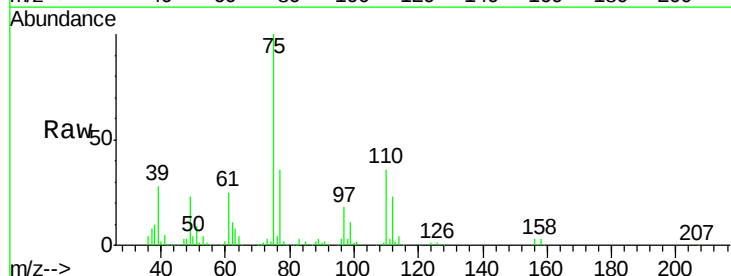
RT: 12.53 min Scan# 3345

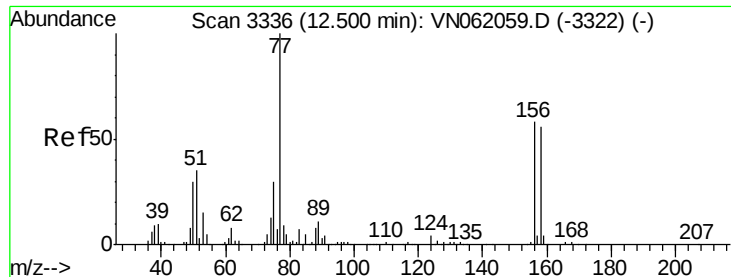
Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Tgt Ion:	75	Resp:	223188
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





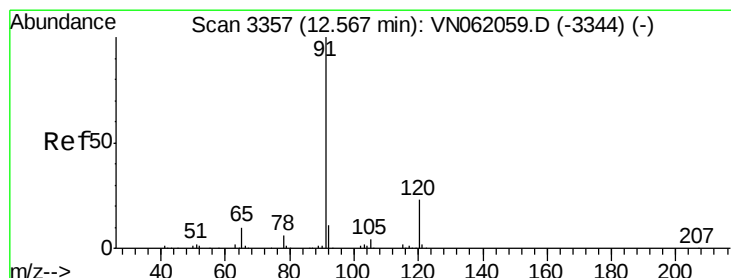
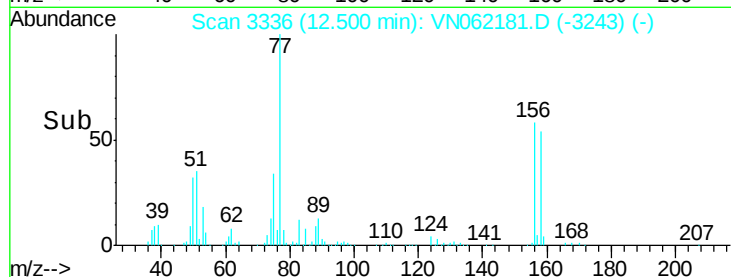
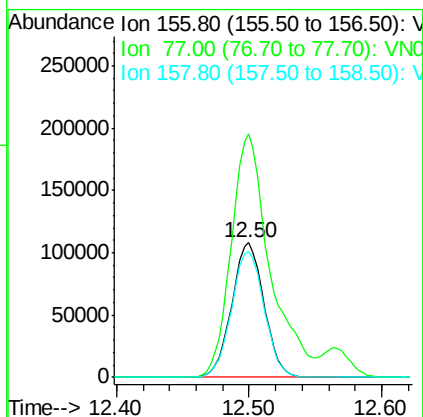
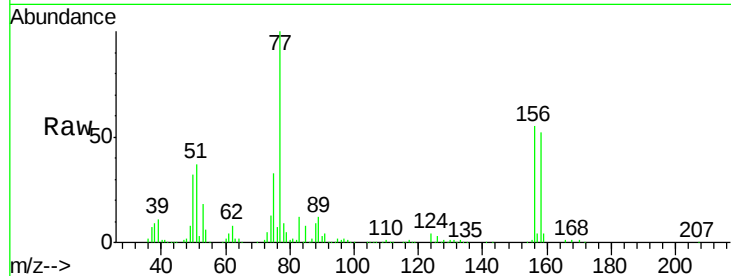
#77
Bromobenzene
Concen: 47.018 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	219.0	104.6	313.8	
158	94.9	48.0	144.0	

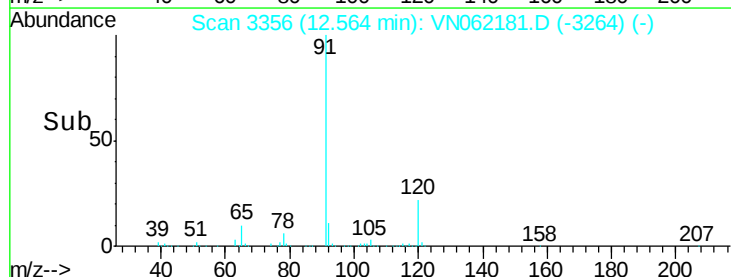
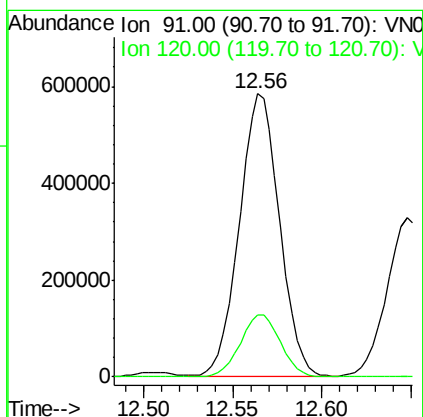
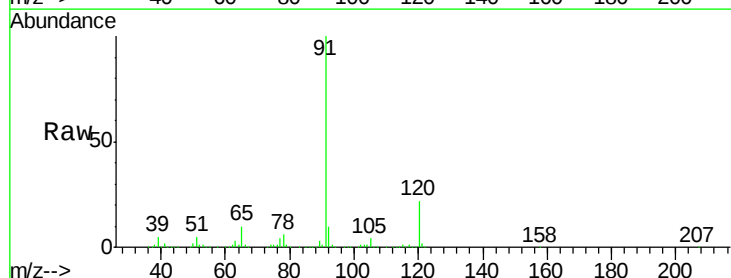
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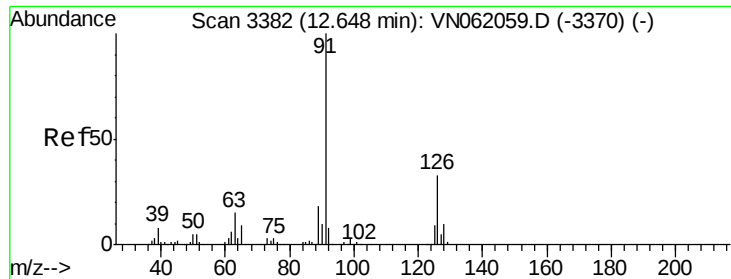
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#78
n-propylbenzene
Concen: 51.085 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.2	11.4	34.1	





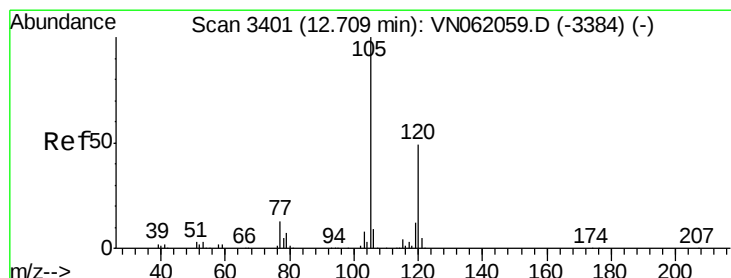
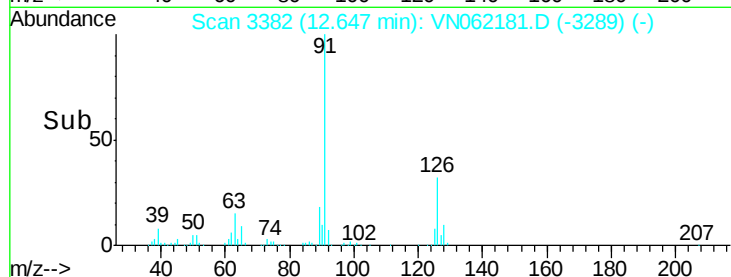
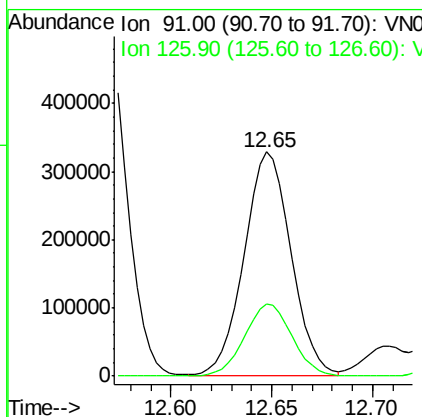
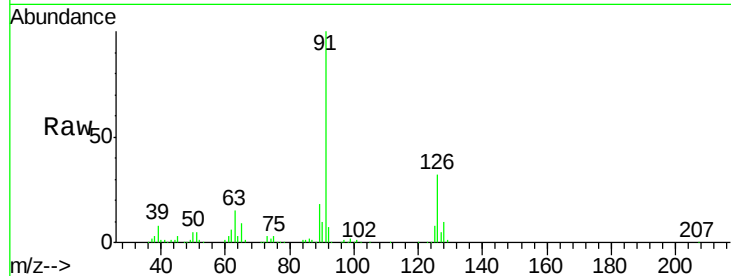
#79
 2-Chlorotoluene
 Concen: 49.353 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 532749
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.9 50.7

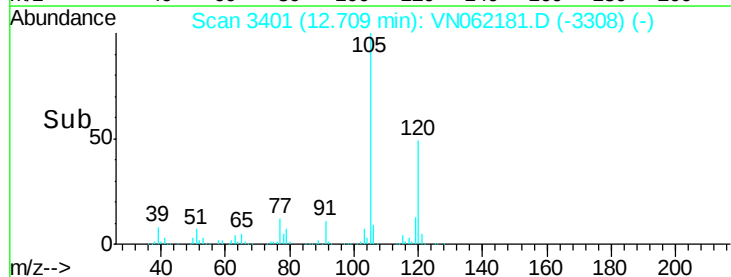
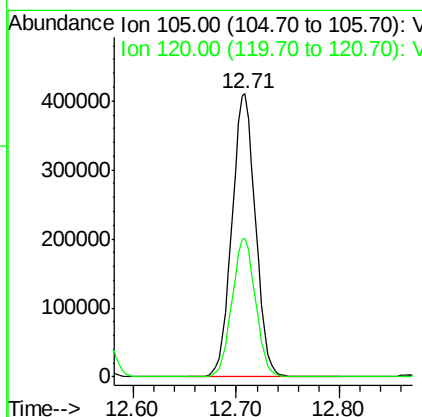
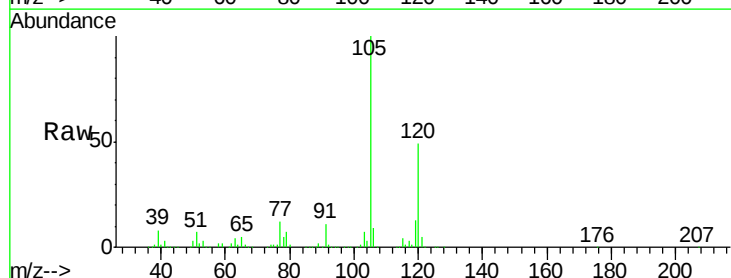
Manual Integrations
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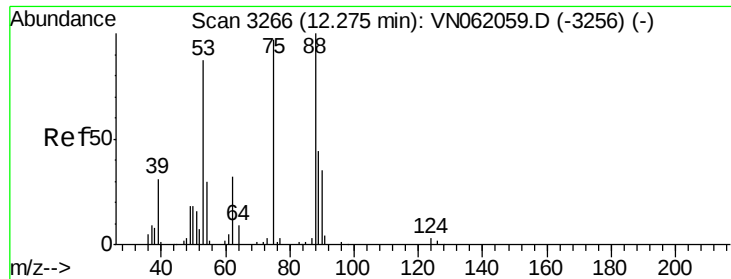
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.473 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion: 105 Resp: 651359
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.847 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 85906

Ion Ratio Lower Upper

75 100

53 93.1 72.0 108.0

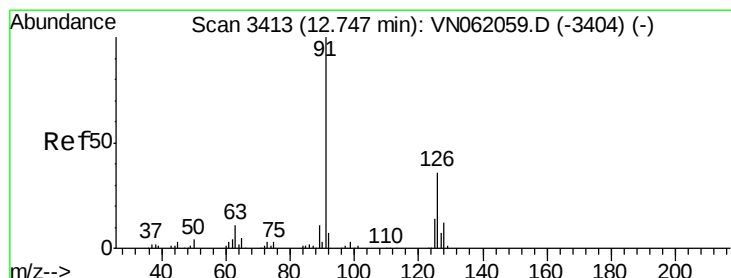
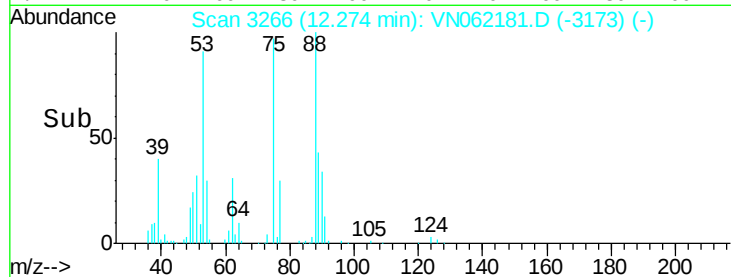
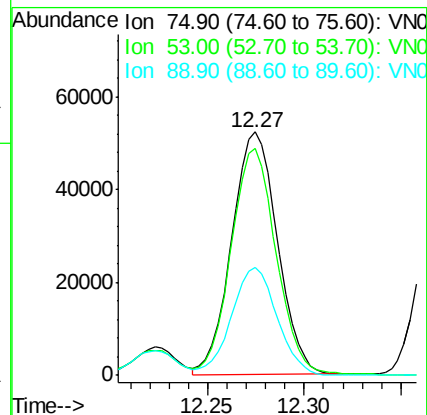
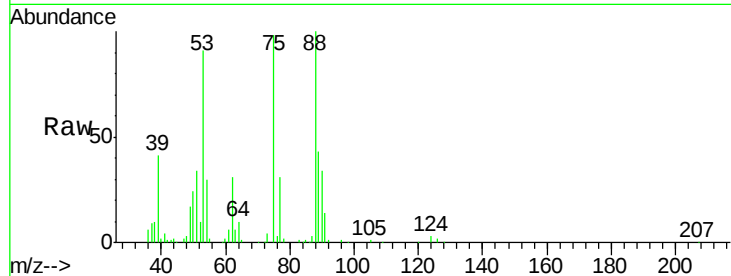
89 44.5 36.9 55.3

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#82

4-Chlorotoluene

Concen: 49.911 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062181.D

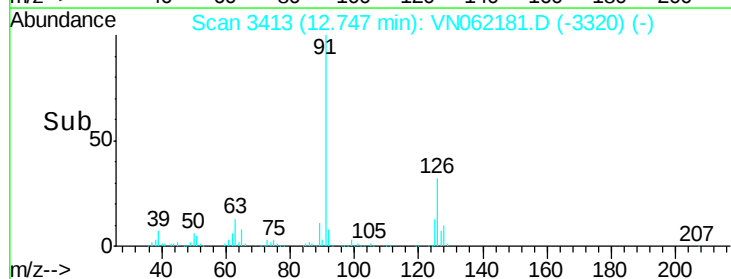
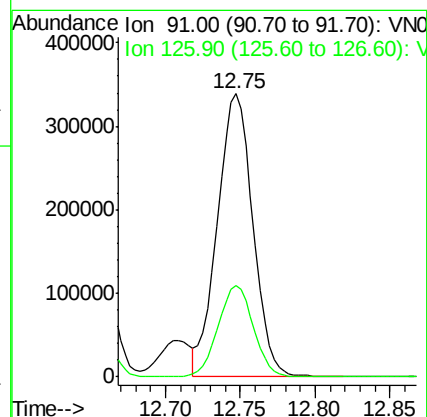
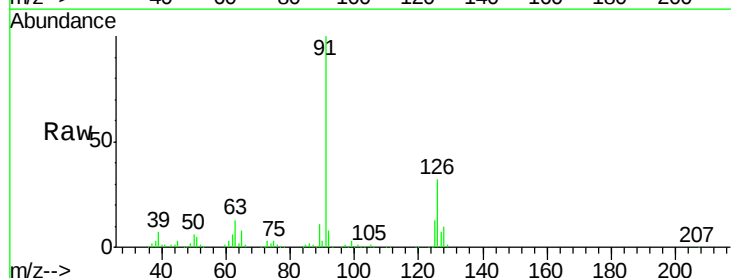
Acq: 29 Jun 2020 10:55

Tgt Ion: 91 Resp: 557143

Ion Ratio Lower Upper

91 100

126 32.3 16.7 50.1





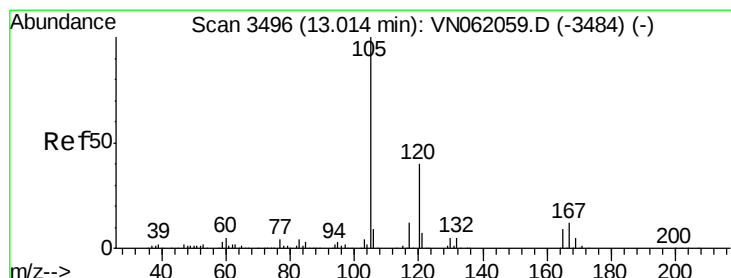
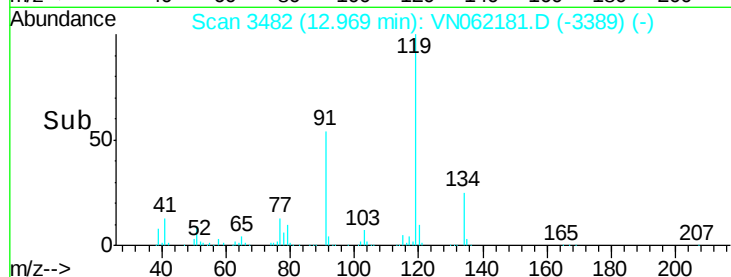
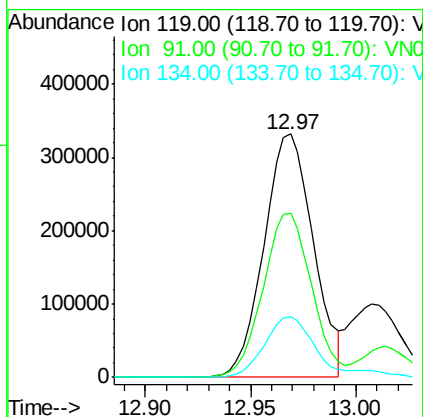
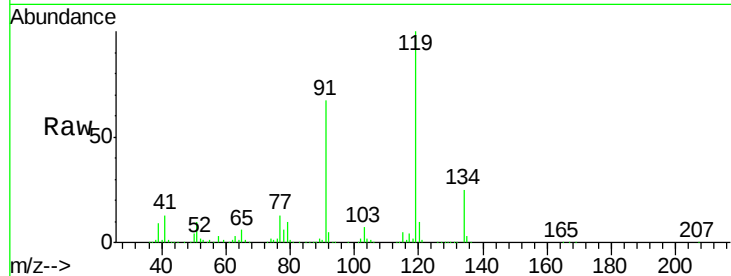
#83
 tert-Butylbenzene
 Concen: 49.981 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	541280		
91	66.3		31.7	95.1
134	26.7		13.1	39.1

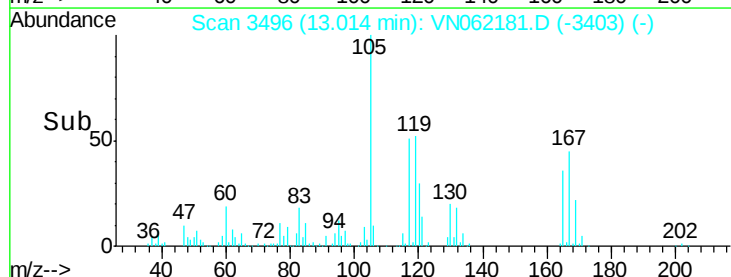
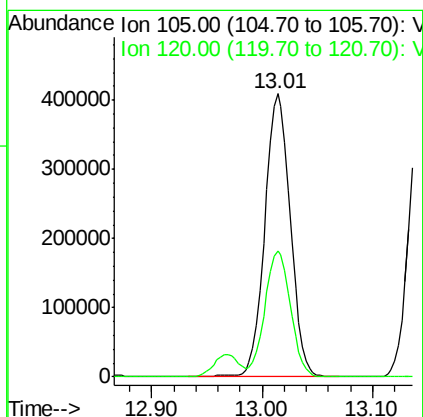
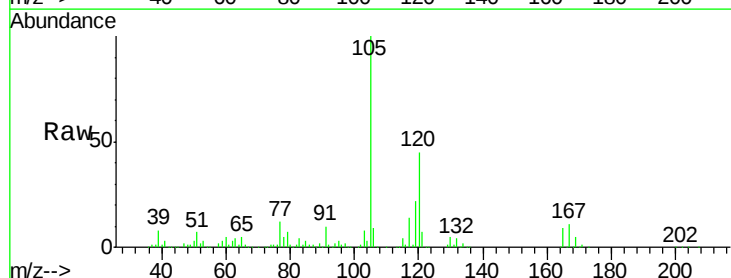
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.840 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	655180		
120	45.1		23.2	69.5





#85

sec-Butylbenzene

Concen: 53.115 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 760073

Ion Ratio Lower Upper

105 100

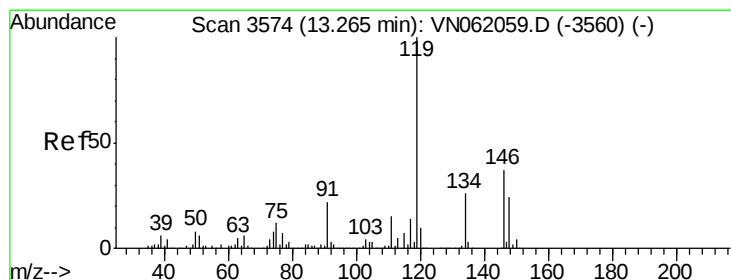
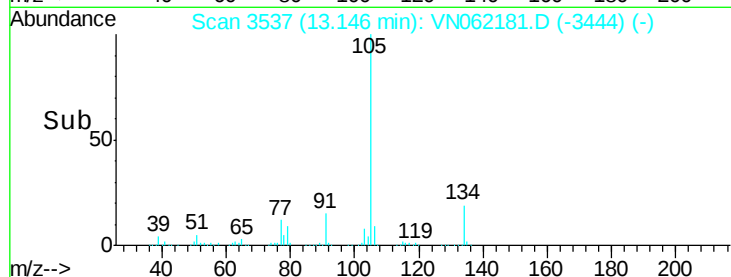
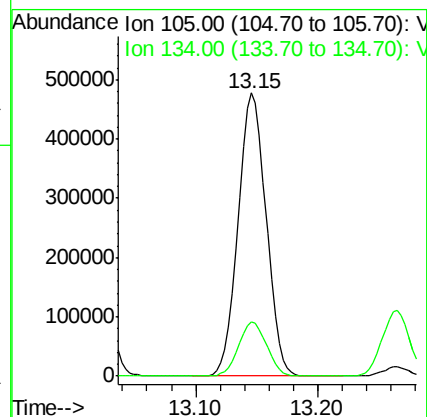
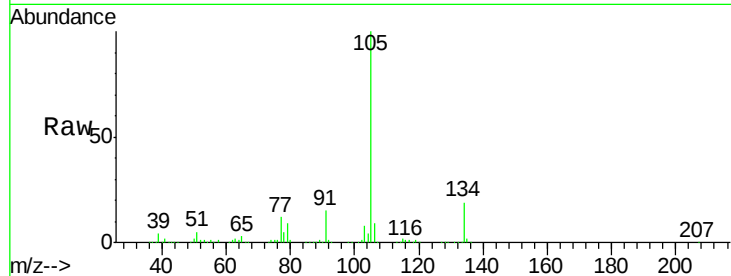
134 19.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 54.482 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062181.D

Acq: 29 Jun 2020 10:55

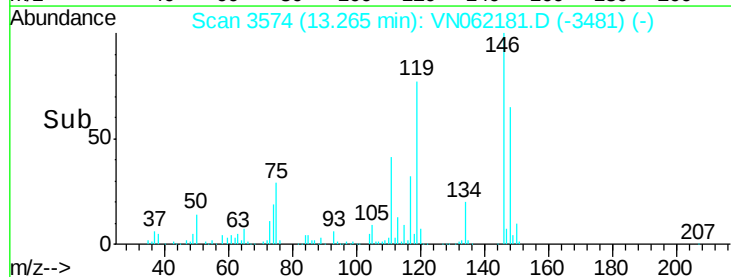
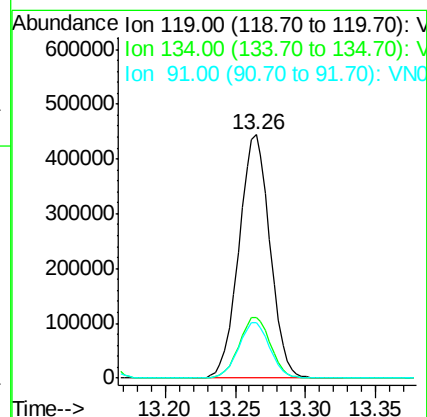
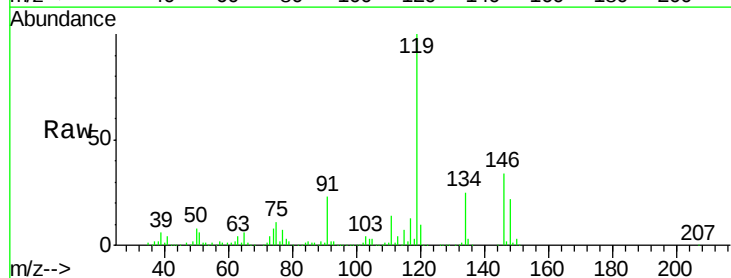
Tgt Ion:119 Resp: 683055

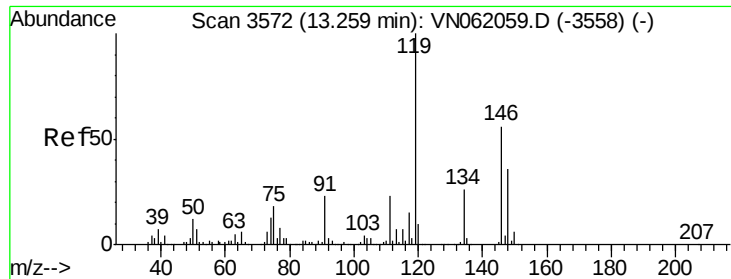
Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

91 22.8 11.3 33.8





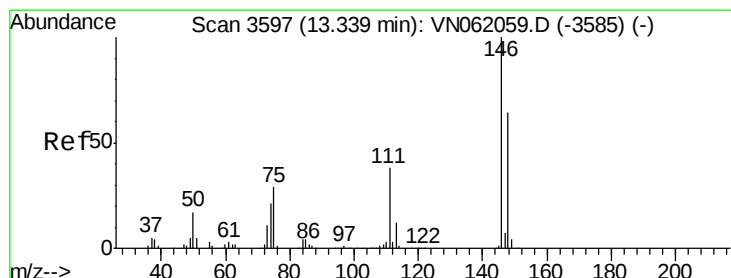
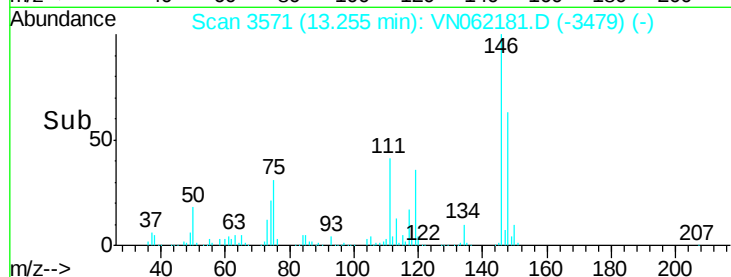
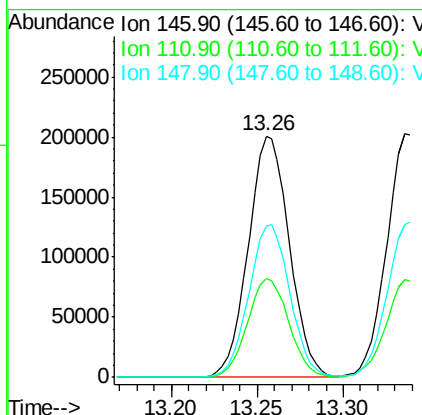
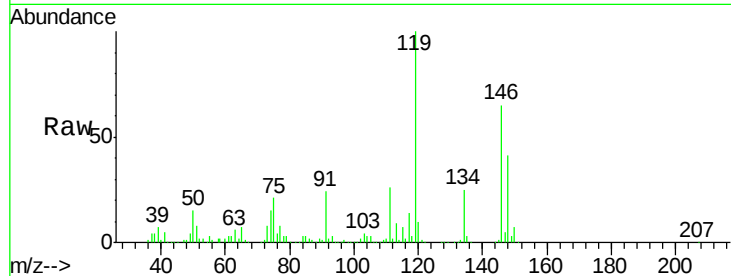
#87
 1,3-Dichlorobenzene
 Concen: 48.897 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	332758		
111	41.2	20.3	61.0	
148	63.3	31.8	95.3	

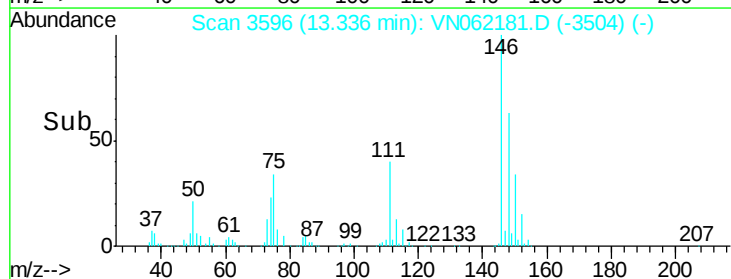
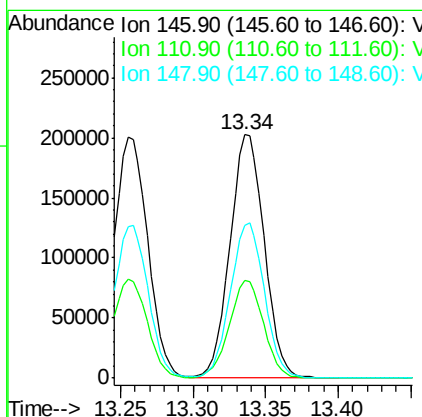
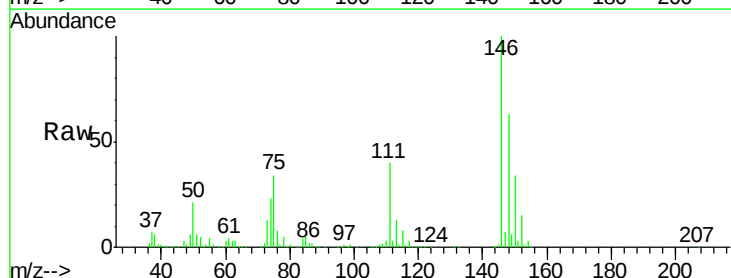
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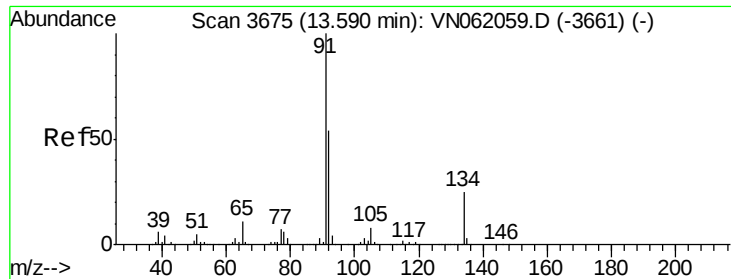
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#88
 1,4-Dichlorobenzene
 Concen: 47.335 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	332053		
111	40.1	19.9	59.6	
148	63.6	31.9	95.9	





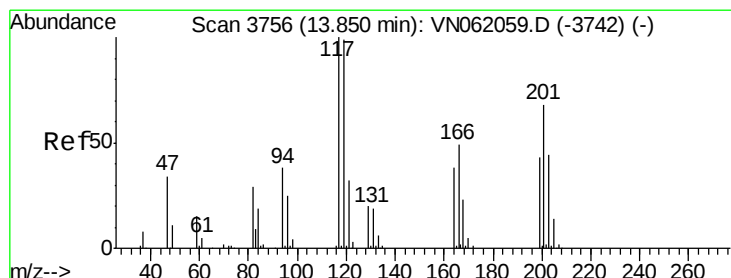
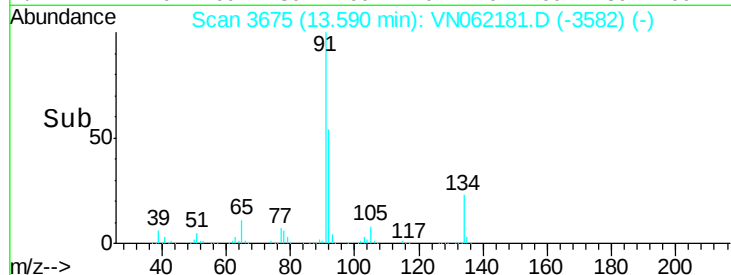
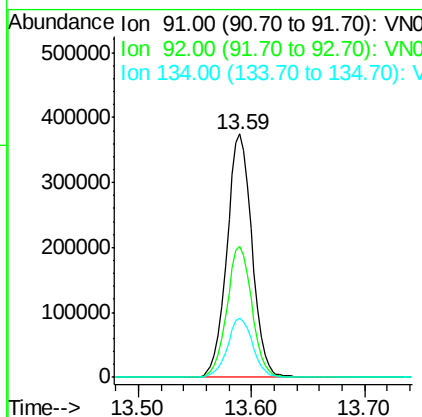
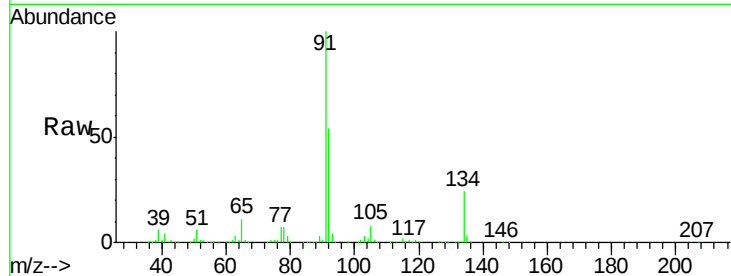
#89
n-Butylbenzene
Concen: 55.388 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.6	79.7
134	24.6	12.3	36.9

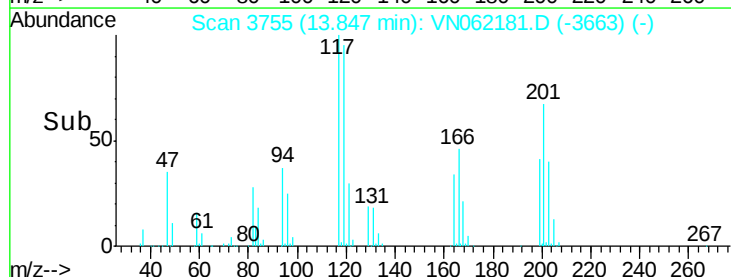
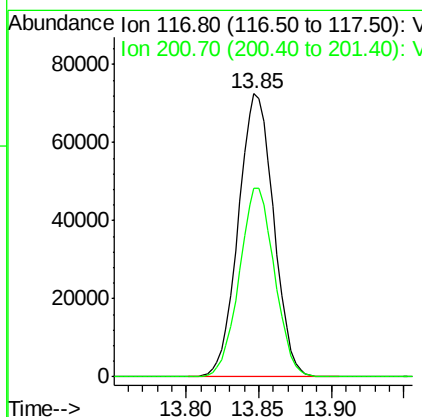
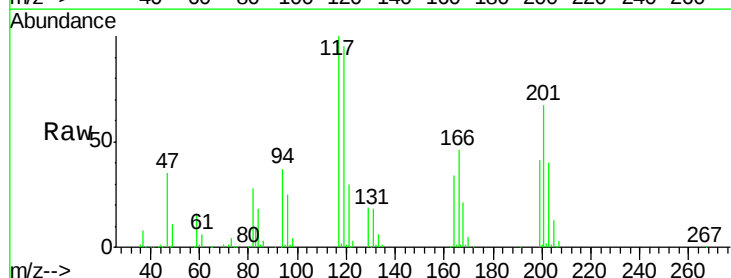
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#90
Hexachloroethane
Concen: 49.919 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.5	32.7	98.1





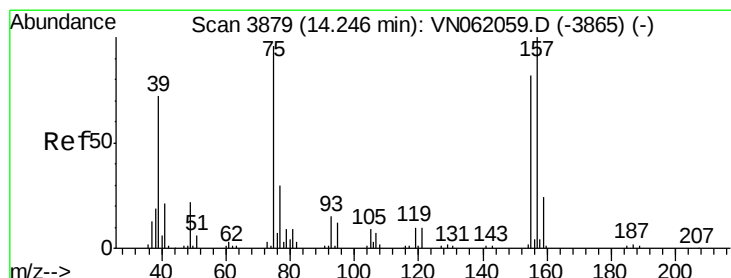
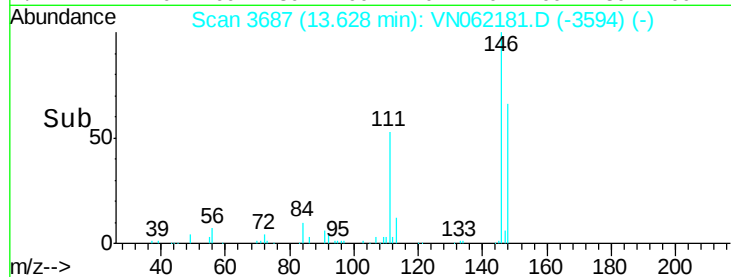
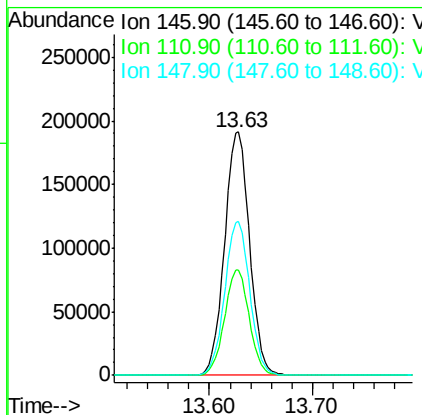
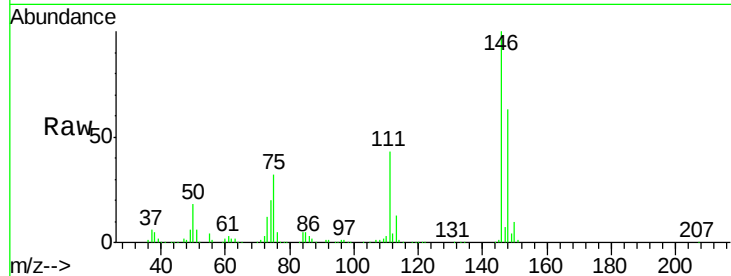
#91
 1,2-Dichlorobenzene
 Concen: 49.004 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.2	63.6
148	63.4	31.9	95.5

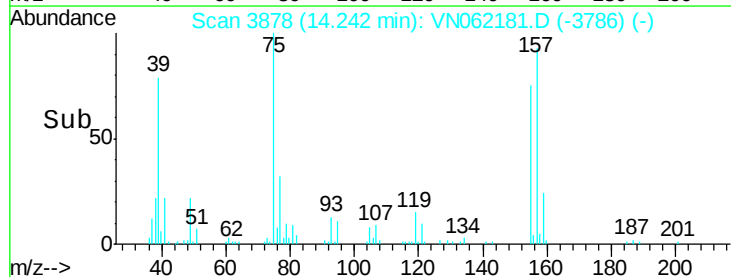
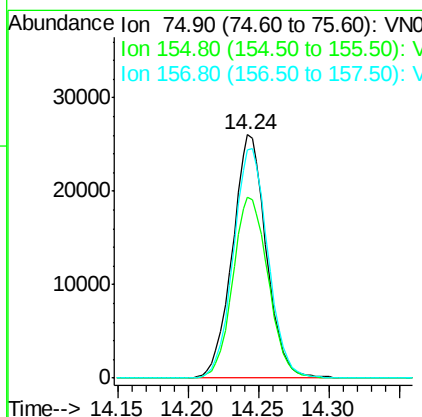
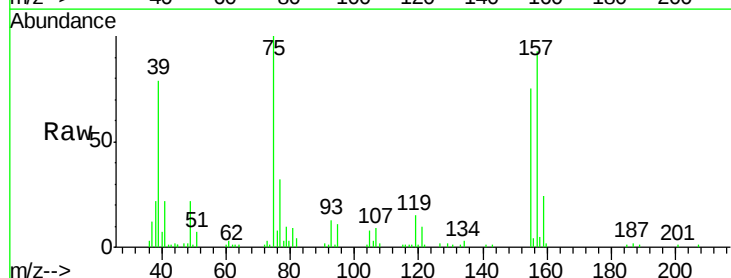
Manual Integrations
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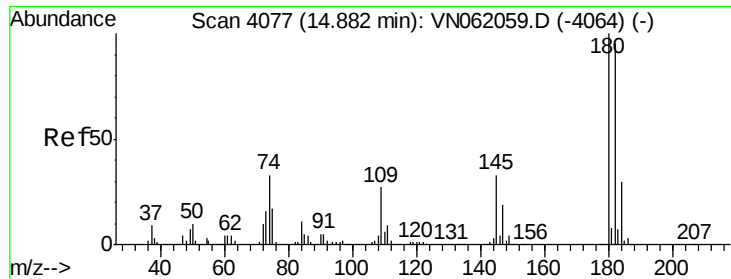
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.532 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	40.8	122.4
157	96.5	51.4	154.3





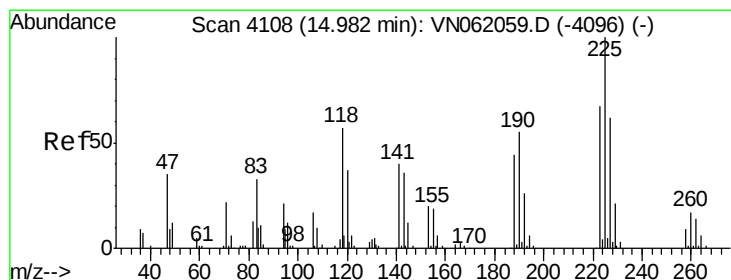
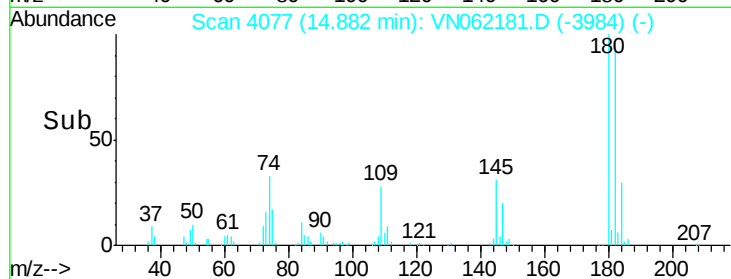
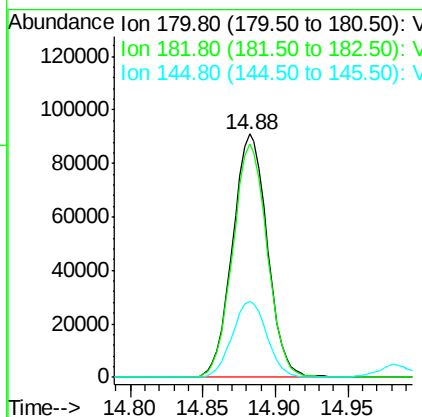
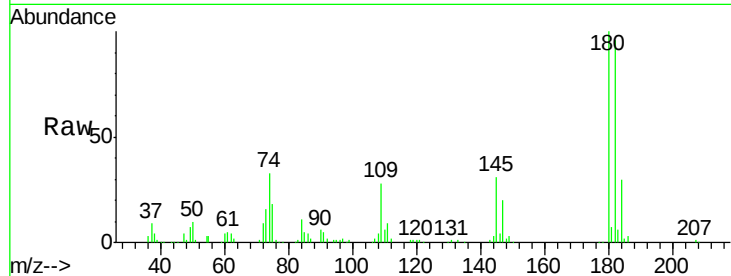
#93
 1,2,4-Trichlorobenzene
 Concen: 52.496 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	151338		
182	95.0	48.0	144.2	
145	31.2	16.0	48.0	

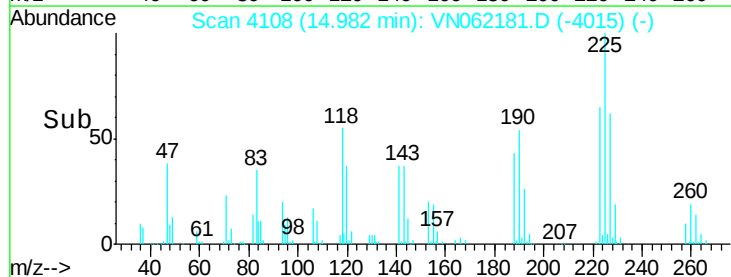
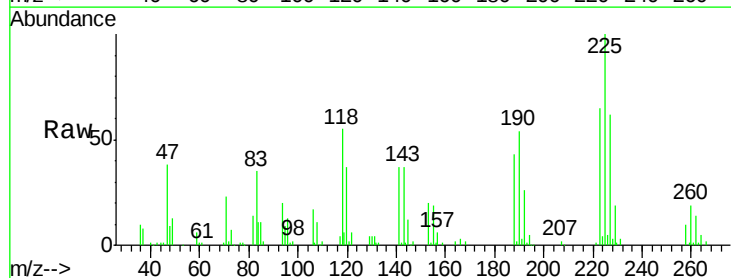
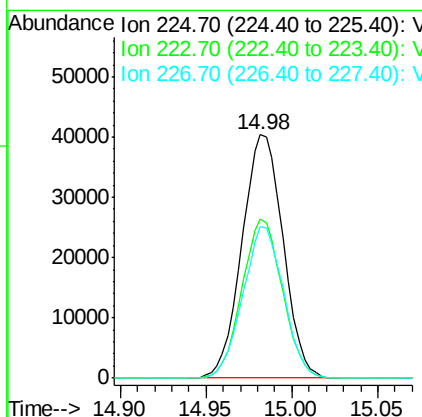
Manual Integrations
 APPROVED

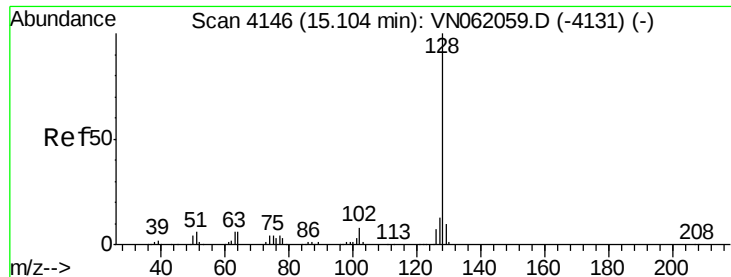
MMDadoda
 6/30/2020 10:43:20 AM



#94
 Hexachlorobutadiene
 Concen: 53.594 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062181.D
 Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67106		
223	64.1	32.9	98.7	
227	61.4	31.3	93.8	





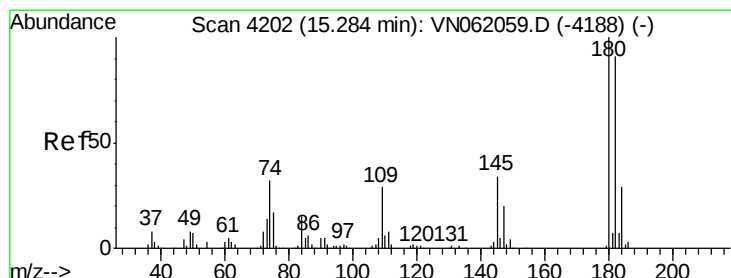
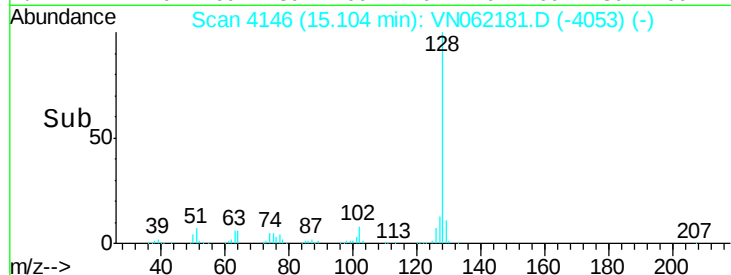
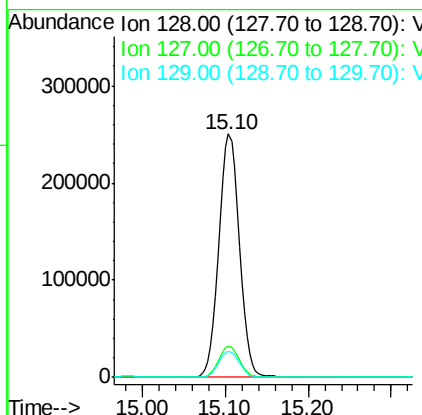
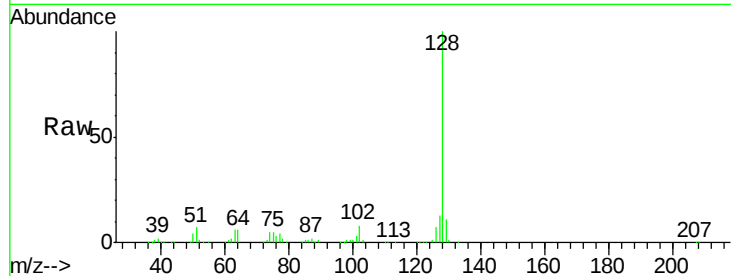
#95
Naphthalene
Concen: 45.010 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/30/2020 10:43:20 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.137 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062181.D
Acq: 29 Jun 2020 10:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.8	140.4
145	33.0	16.4	49.2

