

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062336.D
 Acq On : 2 Jul 2020 16:21
 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

sam
 7/6/2020 11:33:58 AM

Quant Time: Jul 03 01:46:33 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	168825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	310373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144642	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	129257	54.56	ug/l	0.00
Spiked Amount			Recovery	=	109.12%	
35) Dibromofluoromethane	7.55	113	97111	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	10.06	98	399544	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.37	95	141948	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	83582	43.800	ug/l	97
3) Chloromethane	2.03	50	113638	50.599	ug/l	100
4) Vinyl Chloride	2.16	62	128729	42.836	ug/l	98
5) Bromomethane	2.52	94	83966	43.232	ug/l	94
6) Chloroethane	2.66	64	87219	42.487	ug/l	100
7) Trichlorofluoromethane	2.98	101	157950	42.655	ug/l	97
8) Diethyl Ether	3.37	74	69207	53.524	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	94257	48.608	ug/l	97
10) Methyl Iodide	3.91	142	113006	51.746	ug/l	99
11) Tert butyl alcohol	4.73	59	91079	267.752	ug/l	100
12) 1,1-Dichloroethene	3.69	96	93866	48.422	ug/l	94
13) Acrolein	3.56	56	63460	190.548	ug/l	97
14) Allyl chloride	4.27	41	150223	56.918	ug/l	98
15) Acrylonitrile	4.92	53	261440	282.042	ug/l	99
16) Acetone	3.77	43	272490	368.339	ug/l	96
17) Carbon Disulfide	4.00	76	257968	46.464	ug/l	100
18) Methyl Acetate	4.27	43	110725	58.791	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	342968	55.368	ug/l	98
20) Methylene Chloride	4.50	84	118007	54.277	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	104246	47.205	ug/l	92
22) Diisopropyl ether	5.90	45	352910	58.727	ug/l	98
23) Vinyl Acetate	5.84	43	1465351	298.667	ug/l	97
24) 1,1-Dichloroethane	5.79	63	207433	53.605	ug/l	98
25) 2-Butanone	6.78	43	353459	305.226	ug/l	95
26) 2,2-Dichloropropane	6.77	77	177329	54.992	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	128112	51.555	ug/l	95
28) Bromochloromethane	7.15	49	93439	55.652	ug/l	90
29) Tetrahydrofuran	7.16	42	220477	290.651	ug/l	96
30) Chloroform	7.32	83	207390	52.676	ug/l	98
31) Cyclohexane	7.61	56	170536	52.100	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	168207	50.661	ug/l	97
36) 1,1-Dichloropropene	7.75	75	155561	49.864	ug/l	98
37) Ethyl Acetate	6.88	43	143514	55.555	ug/l	97
38) Carbon Tetrachloride	7.73	117	136714	46.482	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	174537	51.061	ug/l	97
40) Benzene	8.00	78	475074	49.962	ug/l	98
41) Methacrylonitrile	7.13	41	69384	57.935	ug/l	89
42) 1,2-Dichloroethane	8.08	62	168191	52.353	ug/l	98
43) Isopropyl Acetate	8.12	43	237179	56.321	ug/l #	90
44) Trichloroethene	8.80	130	110500	46.068	ug/l	96
45) 1,2-Dichloropropane	9.08	63	125276	53.403	ug/l	99
46) Dibromomethane	9.17	93	79010	49.676	ug/l	96
47) Bromodichloromethane	9.37	83	167623	52.195	ug/l	99
48) Methyl methacrylate	9.17	41	113394	60.055	ug/l	91
49) 1,4-Dioxane	9.16	88	43659	1042.661	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	720243	292.732	ug/l	97
52) Toluene	10.12	92	298919	51.522	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	190629	53.954	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	206348	54.857	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	117882	51.688	ug/l	97
56) Ethyl methacrylate	10.40	69	176011	57.830	ug/l	96
57) 1,3-Dichloropropane	10.68	76	208091	53.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	308052	238.517	ug/l	97
59) 2-Hexanone	10.72	43	541706	304.901	ug/l	98
60) Dibromochloromethane	10.87	129	123136	50.998	ug/l	99
61) 1,2-Dibromoethane	10.98	107	117790	50.265	ug/l	100
64) Tetrachloroethene	10.60	164	86567	43.484	ug/l	97
65) Chlorobenzene	11.40	112	312918	48.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	110177	49.785	ug/l	99
67) Ethyl Benzene	11.48	91	575756	53.267	ug/l	99
68) m/p-Xylenes	11.60	106	433582	103.712	ug/l	96
69) o-Xylene	11.92	106	205540	52.108	ug/l	94
70) Styrene	11.94	104	362294	55.073	ug/l	99
71) Bromoform	12.10	173	80175	50.954	ug/l #	97
73) Isopropylbenzene	12.22	105	564039	50.377	ug/l	99
74) N-amyl acetate	12.04	43	210550	51.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	179134	48.078	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	163796m	48.105	ug/l	
77) Bromobenzene	12.50	156	126069	45.353	ug/l	90
78) n-propylbenzene	12.56	91	671600	52.440	ug/l	98
79) 2-Chlorotoluene	12.65	91	388279	50.149	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	473751	52.196	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	62123	53.281	ug/l	97
82) 4-Chlorotoluene	12.75	91	414731	51.799	ug/l	97
83) tert-Butylbenzene	12.97	119	383834	49.414	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	470826	51.939	ug/l	99
85) sec-Butylbenzene	13.15	105	545793	53.176	ug/l	99
86) p-Isopropyltoluene	13.26	119	484087	53.832	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	242548	49.691	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	238591	47.419	ug/l	99
89) n-Butylbenzene	13.59	91	424528	56.784	ug/l	99
90) Hexachloroethane	13.85	117	89123	50.514	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	231759	48.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30569	51.215	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	107028	51.760	ug/l	100
94) Hexachlorobutadiene	14.98	225	46525	51.804	ug/l	98
95) Naphthalene	15.10	128	310174	45.390	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	108758	51.439	ug/l	100

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

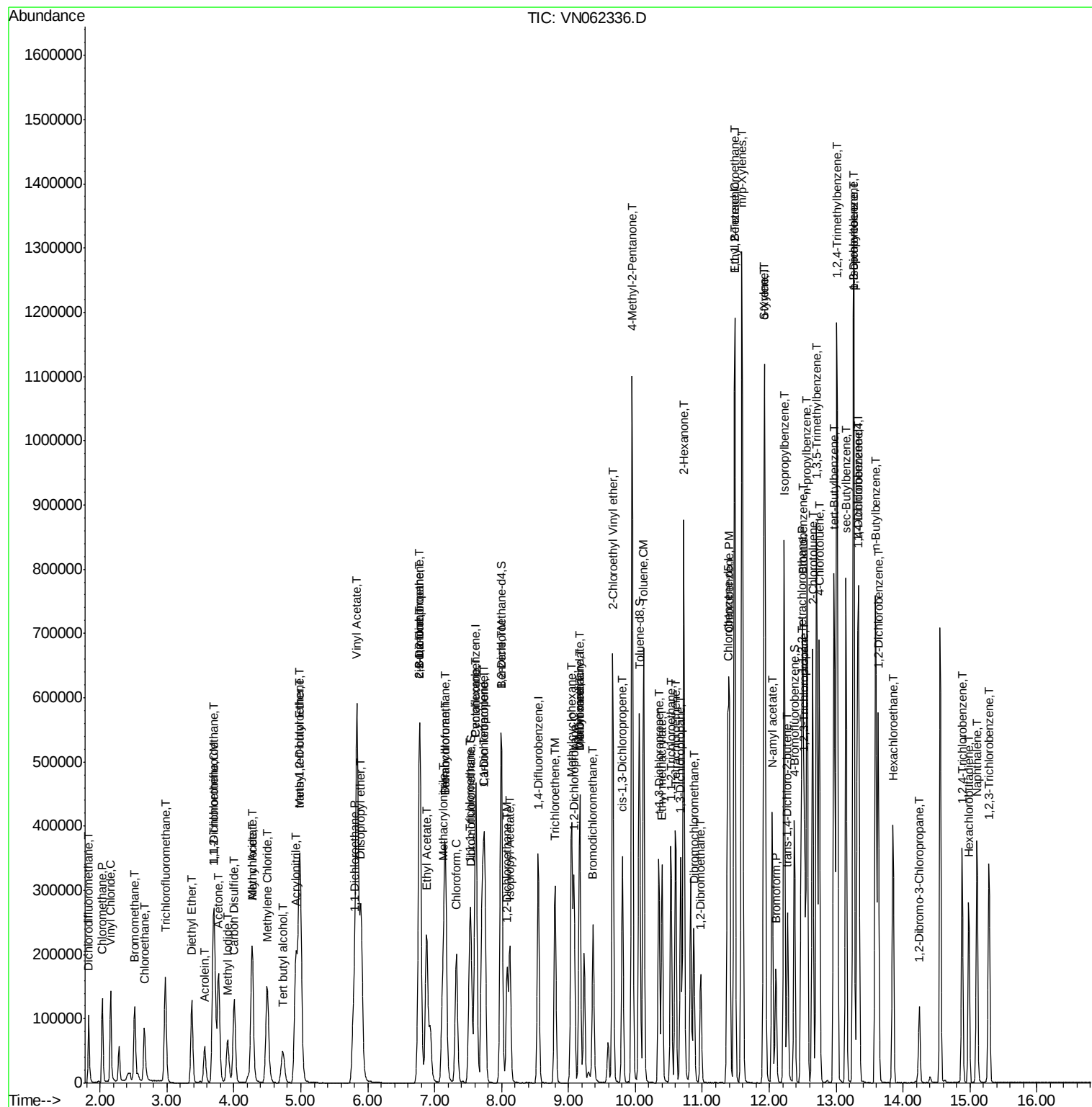
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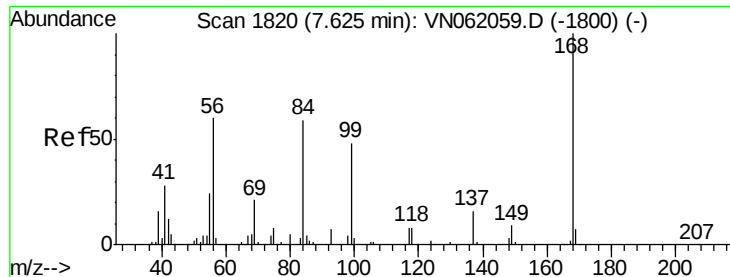
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 168825

Ion Ratio Lower Upper

168 100

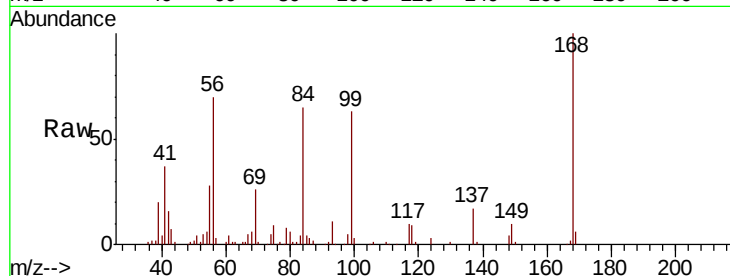
99 63.1 45.8 68.8

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

80000

60000

40000

20000

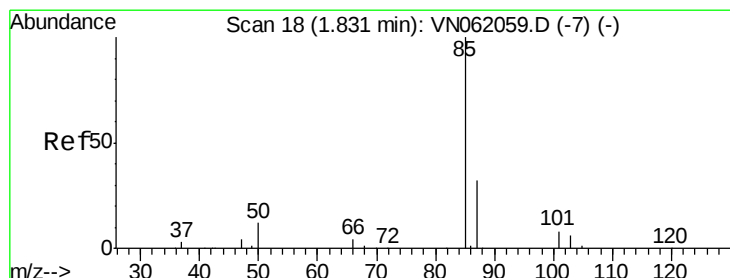
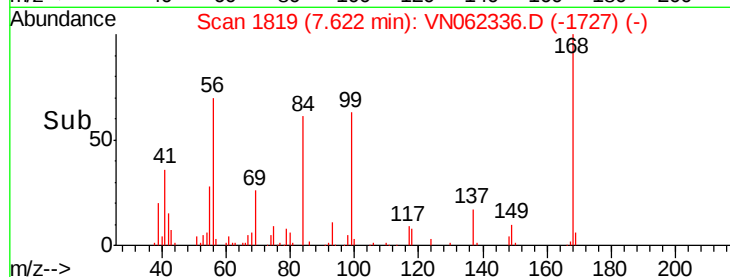
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.800 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062336.D

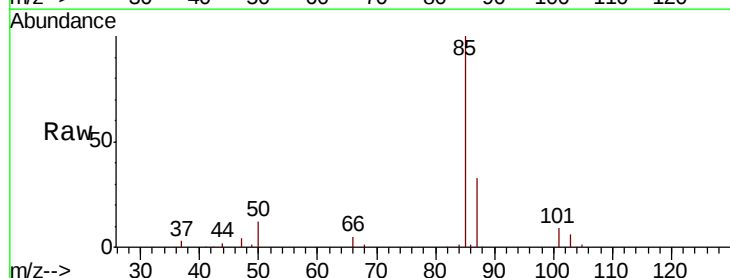
Acq: 2 Jul 2020 16:21

Tgt Ion: 85 Resp: 83582

Ion Ratio Lower Upper

85 100

87 33.3 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

60000

40000

20000

0

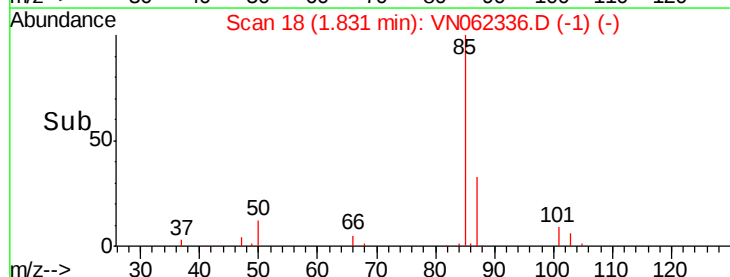
1.75

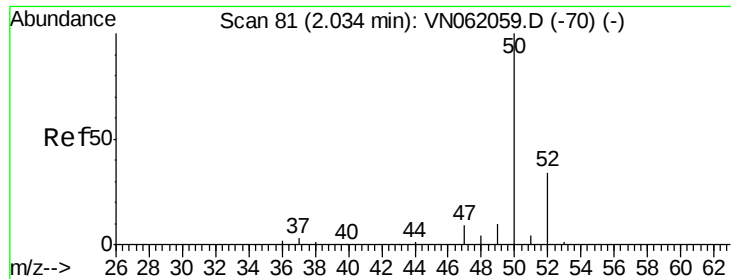
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 50.599 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 113638

Ion Ratio Lower Upper

50 100

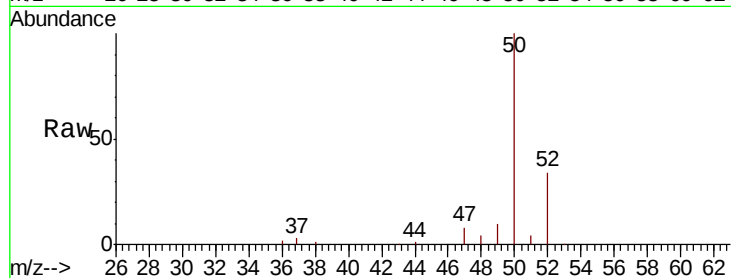
52 34.0 27.0 40.6

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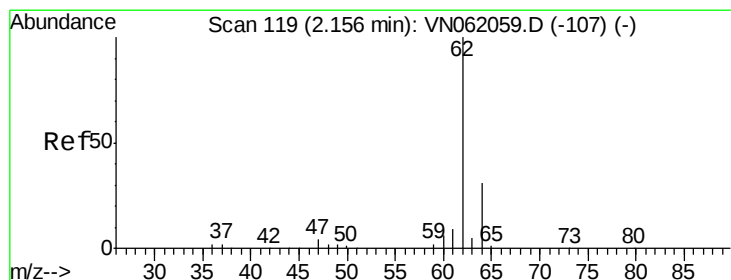
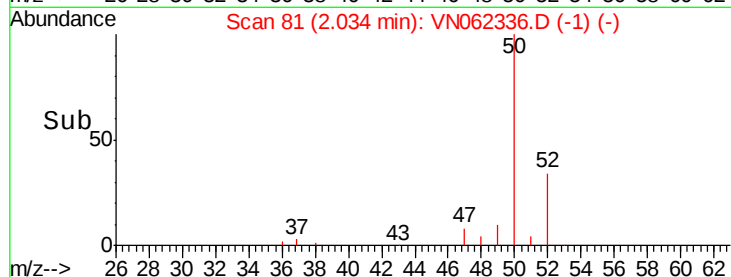
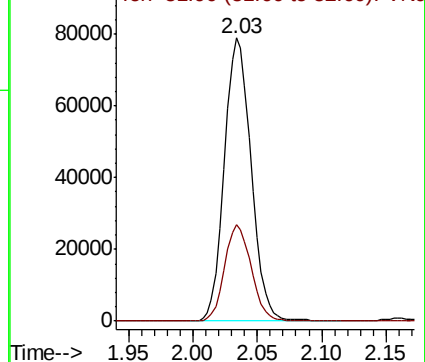
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 42.836 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062336.D

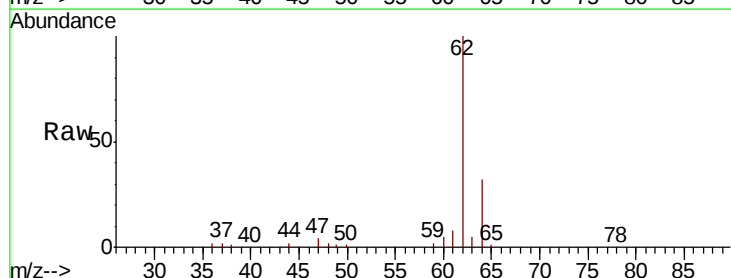
Acq: 2 Jul 2020 16:21

Tgt Ion: 62 Resp: 128729

Ion Ratio Lower Upper

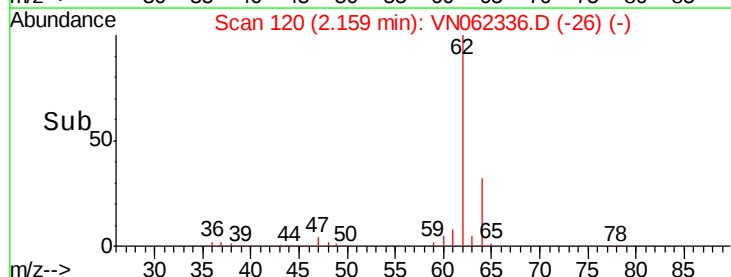
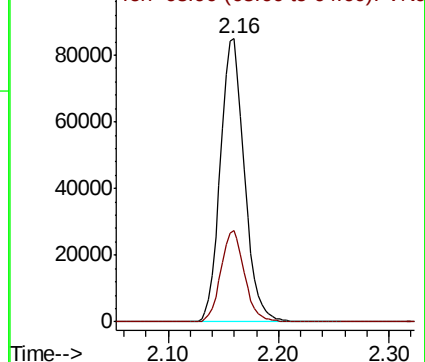
62 100

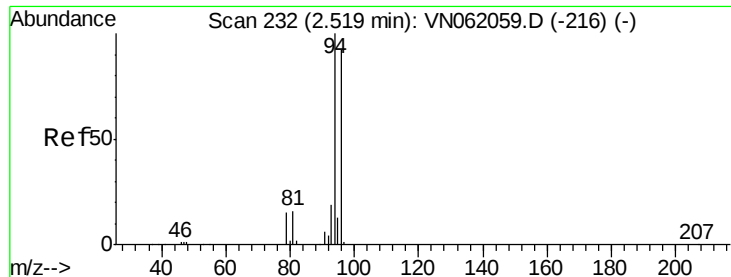
64 32.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 43.232 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

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Acq: 2 Jul 2020 16:21

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Tot Ion: 94 Resp: 83966

Ion Ratio Lower Upper

94 100

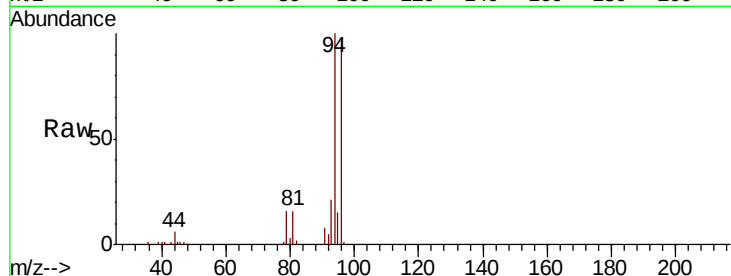
96 97.3 73.4 110.2

Manual Integrations

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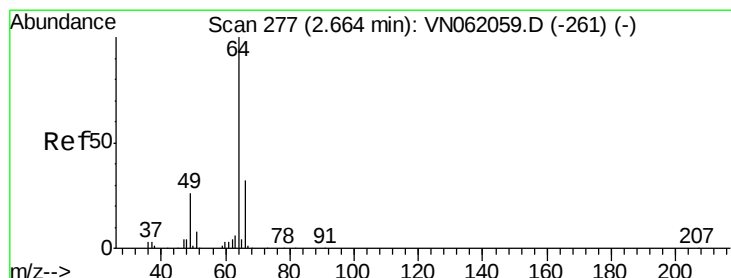
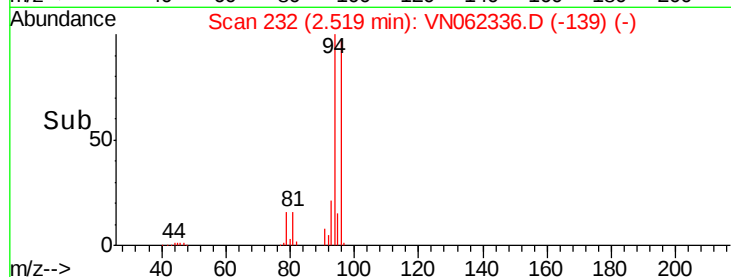
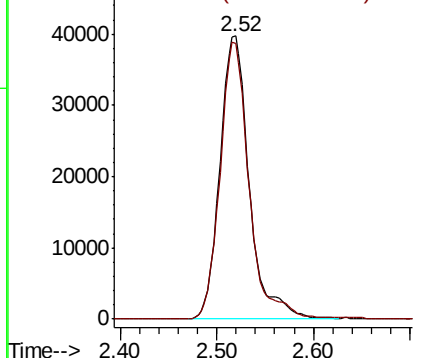
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 42.487 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

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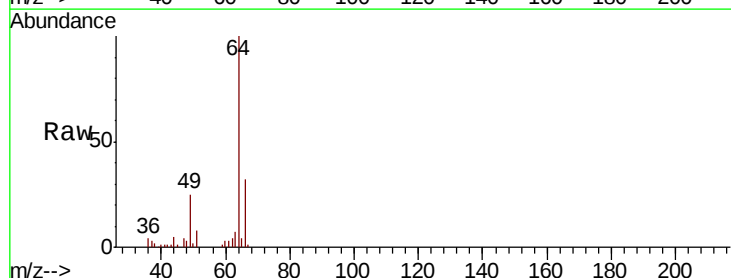
Acq: 2 Jul 2020 16:21

Tgt Ion: 64 Resp: 87219

Ion Ratio Lower Upper

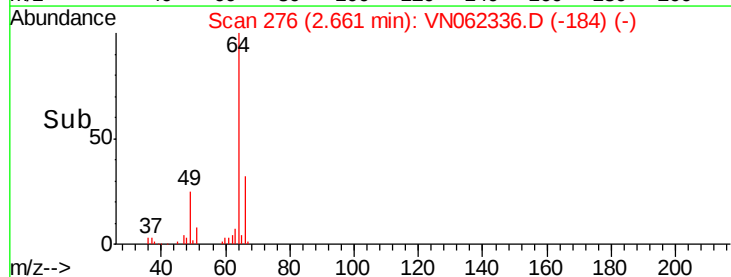
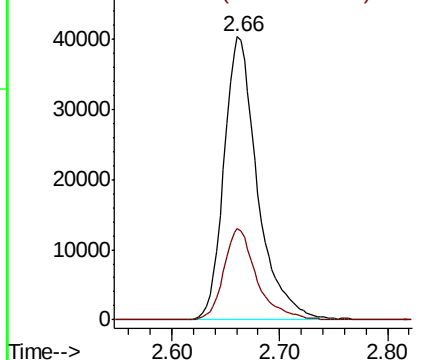
64 100

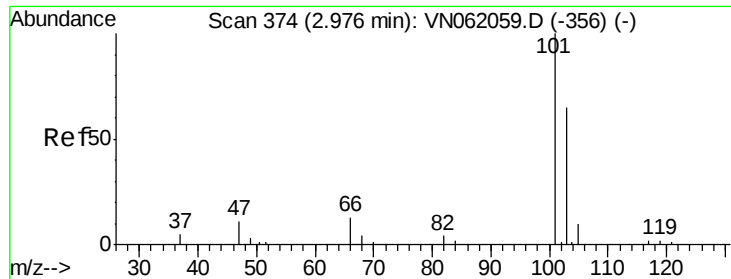
66 32.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

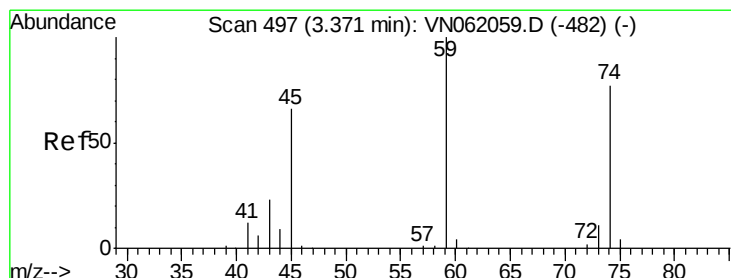
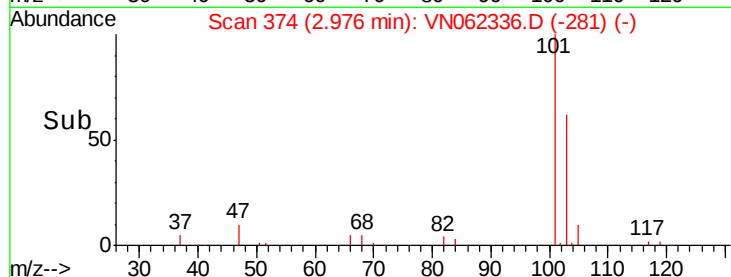
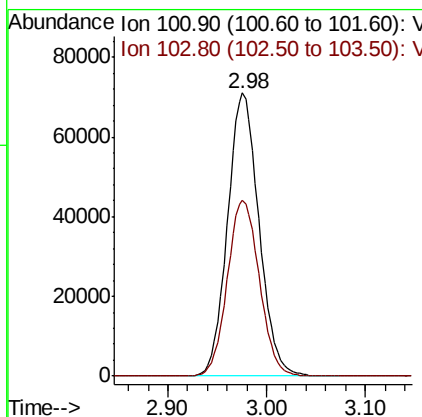
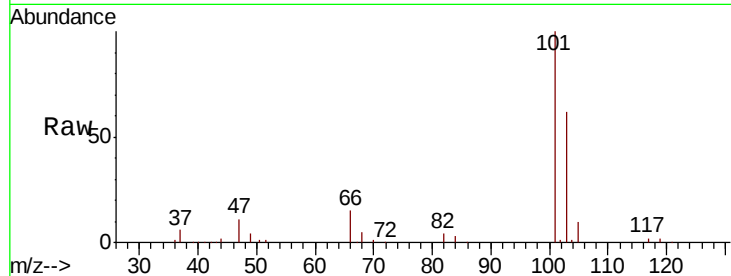
Trichlorofluoromethane
 Concen: 42.655 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062336.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	51.8	77.6

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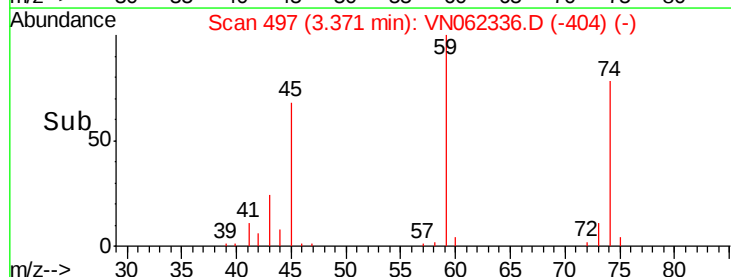
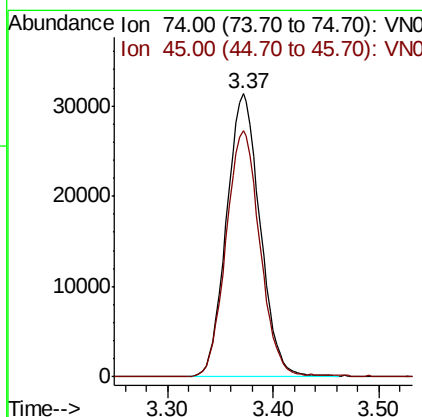
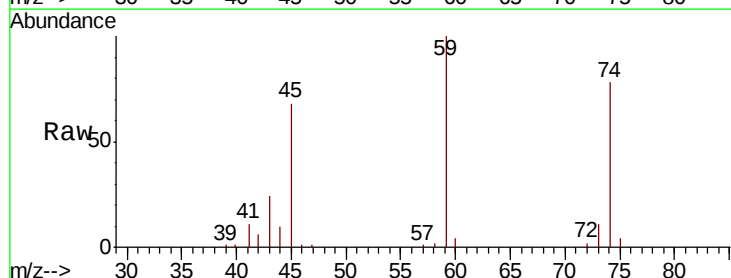
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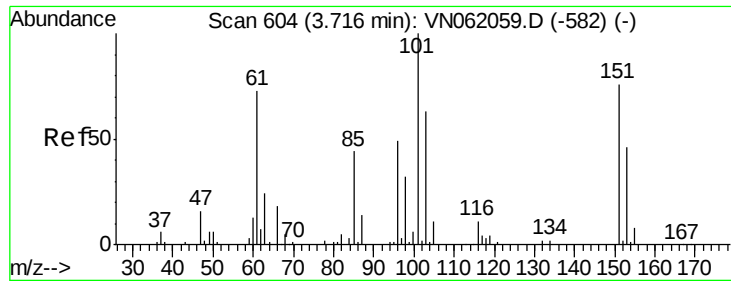


#8

Diethyl Ether
 Concen: 53.524 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.4	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.608 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

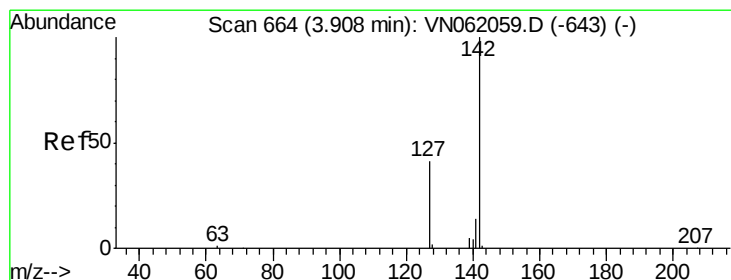
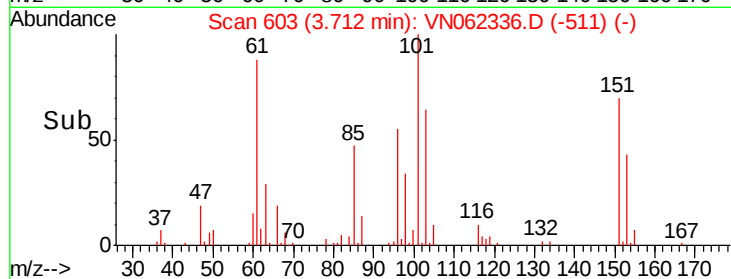
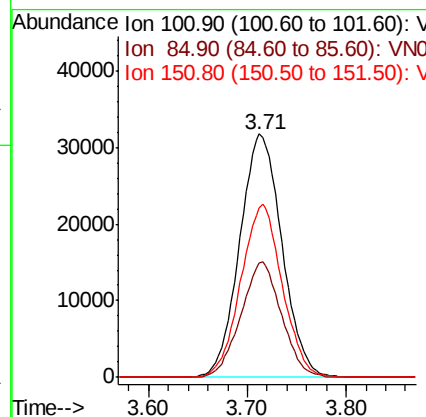
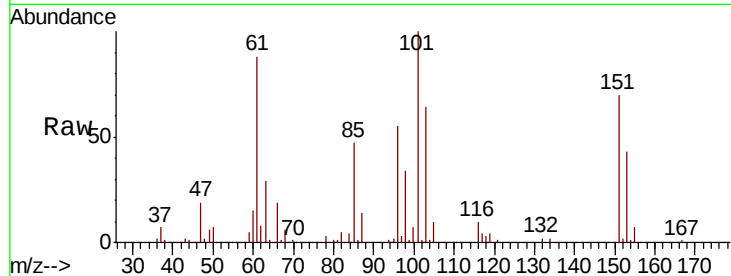
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	94257
Ion Ratio	Lower	Upper	
101	100		
85	45.4	34.5	51.7
151	69.5	57.8	86.8

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#10

Methyl Iodide

Concen: 51.746 ug/l

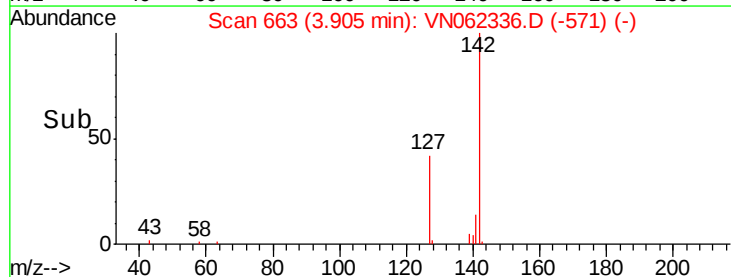
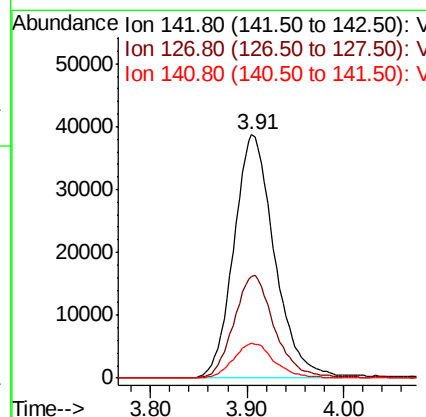
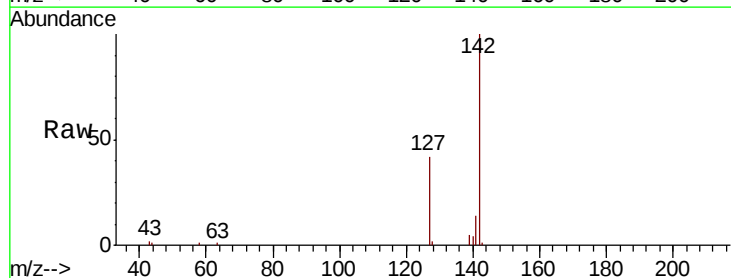
RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion:	142	Resp:	113006
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.6	50.4
141	14.2	11.3	16.9





#11

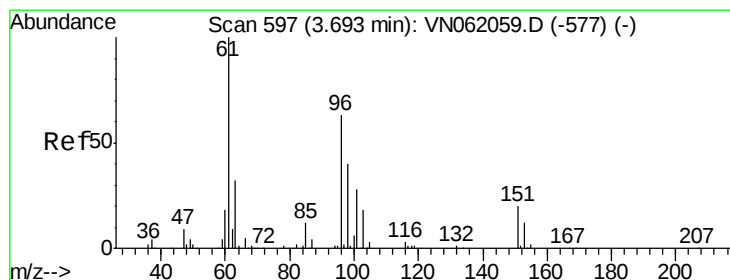
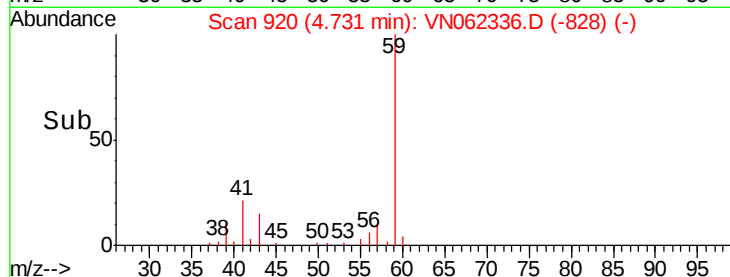
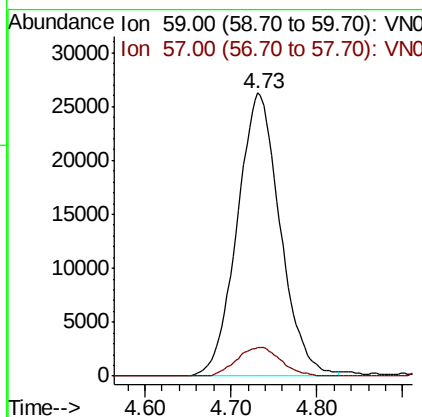
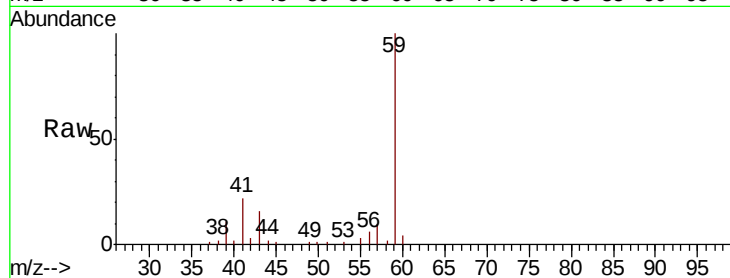
Tert butyl alcohol
 Concen: 267.752 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	57	Ratio	100	10.4	Resp	Lower	Upper
91079								
							8.3	12.5

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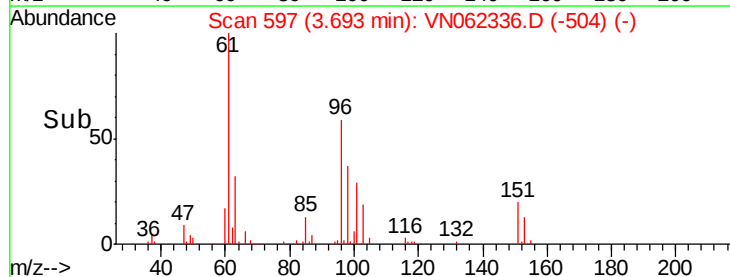
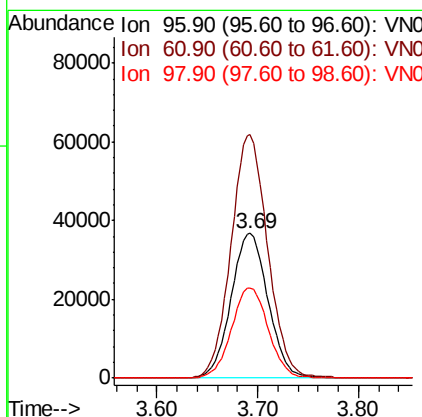
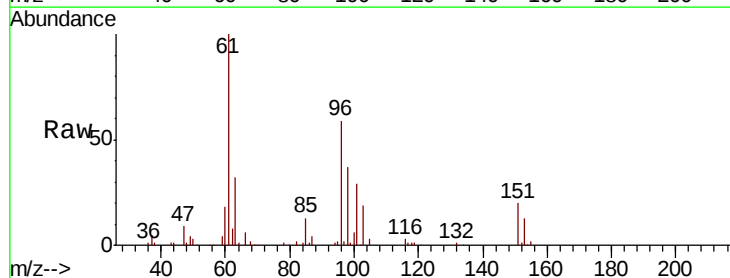
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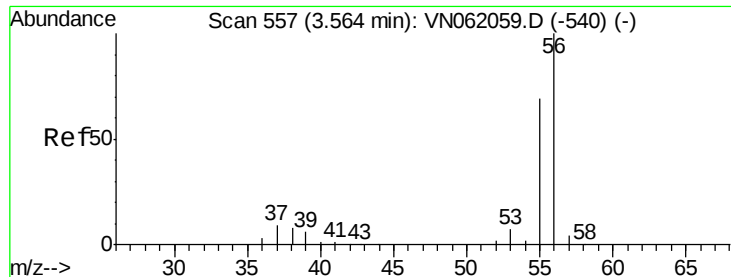


#12

1,1-Dichloroethene
 Concen: 48.422 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion	96	61	98	Ratio	100	168.3	62.1	Resp	Lower	Upper
93866										
									126.7	190.1
									51.0	76.4





#13

Acrolein

Concen: 190.548 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 63460

Ion Ratio Lower Upper

56 100

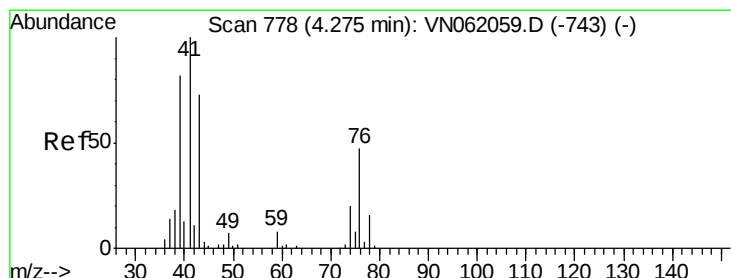
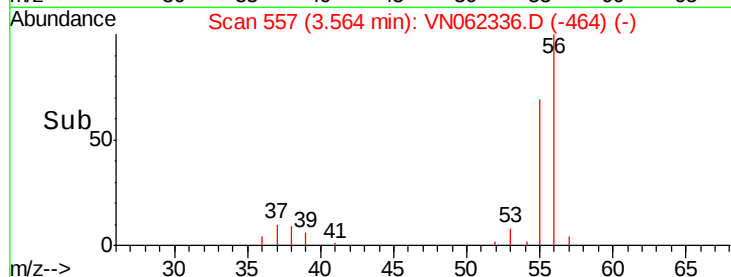
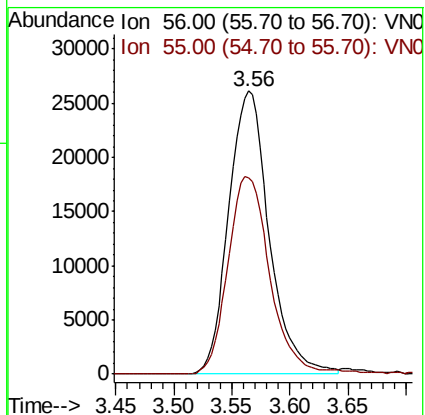
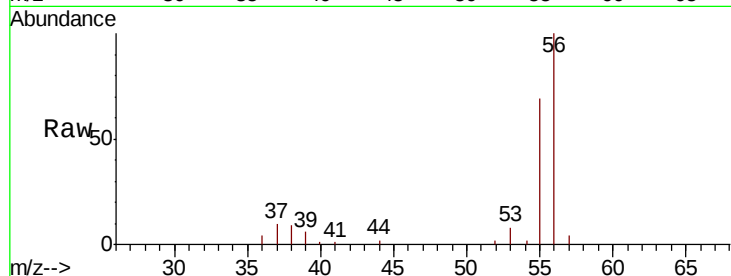
55 72.3 55.5 83.3

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#14

Allyl chloride

Concen: 56.918 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

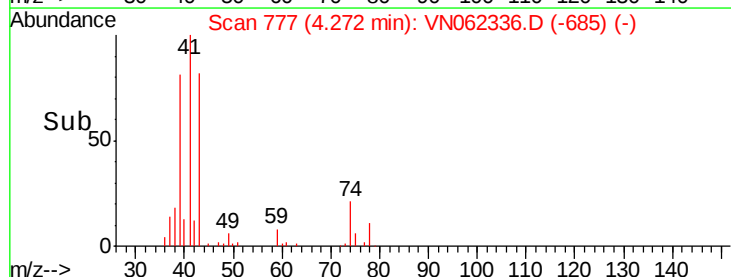
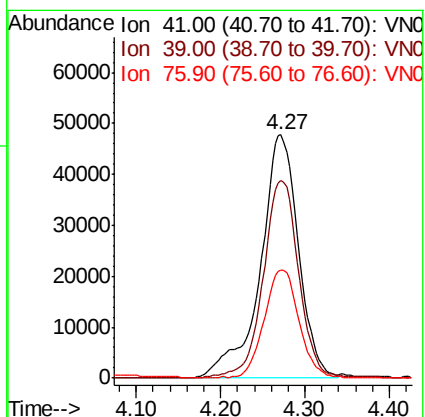
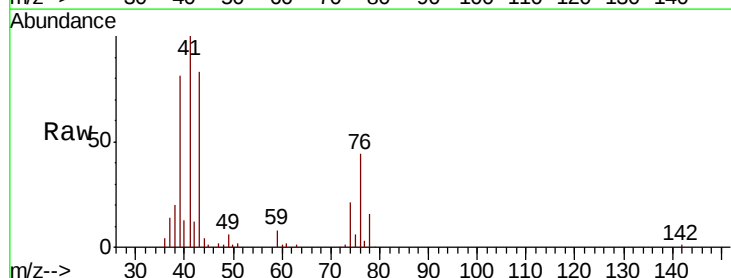
Tgt Ion: 41 Resp: 150223

Ion Ratio Lower Upper

41 100

39 75.7 60.0 90.0

76 40.5 34.1 51.1





#15

Acrylonitrile

Concen: 282.042 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

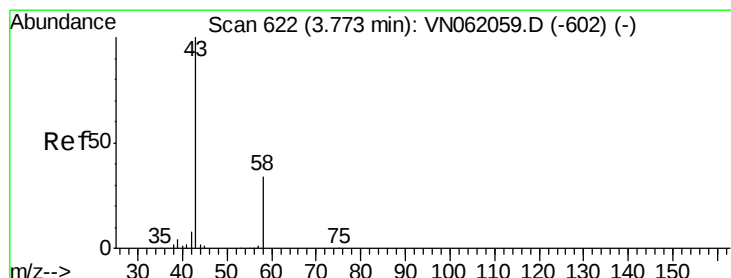
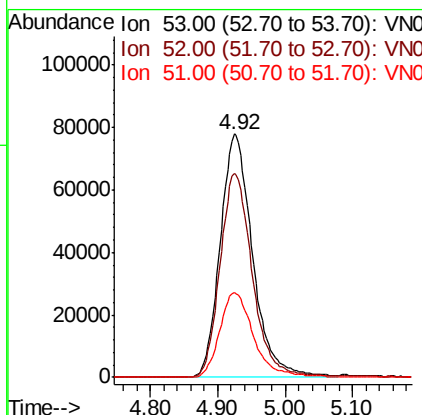
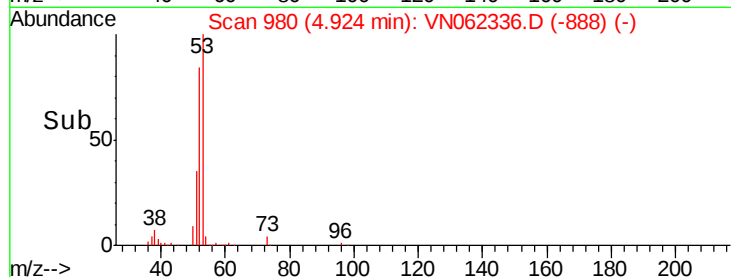
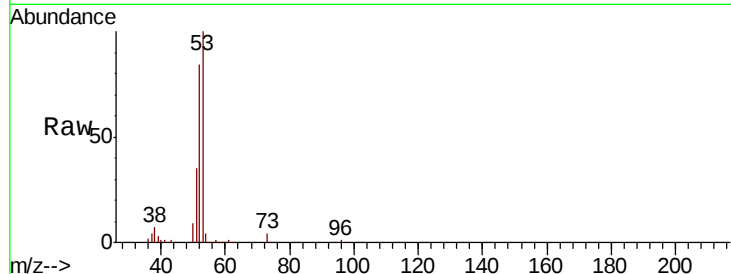
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	261440
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.2	99.4
51	36.4	28.9	43.3

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#16

Acetone

Concen: 368.339 ug/l

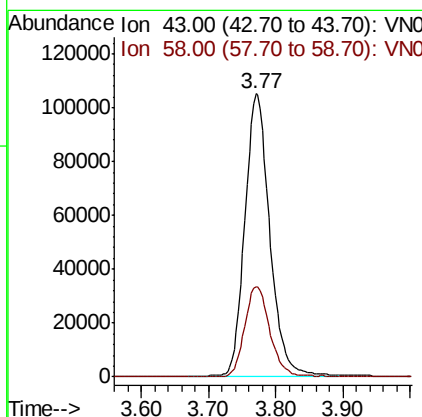
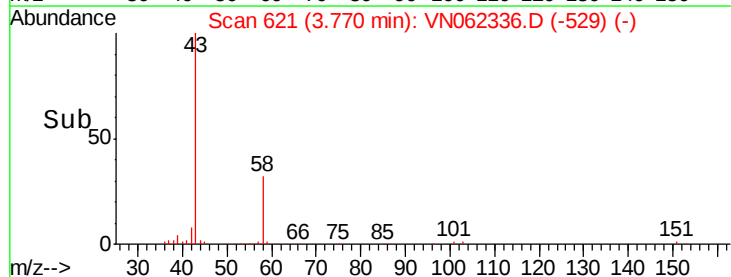
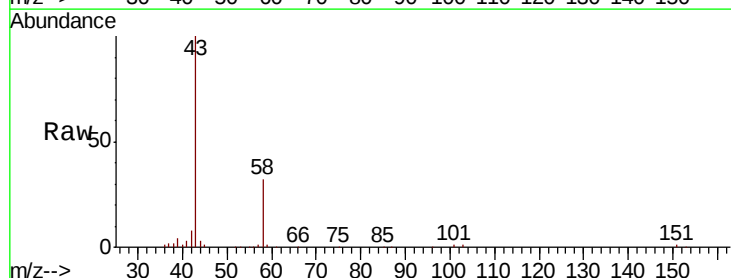
RT: 3.77 min Scan# 621

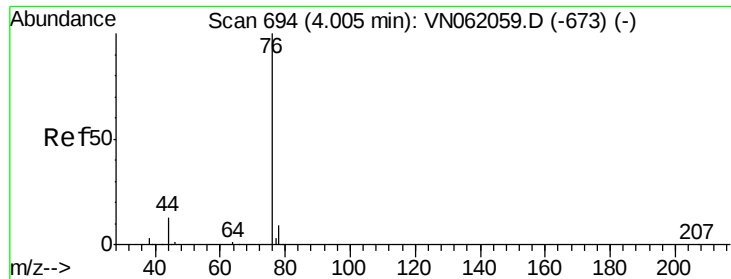
Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion:	43	Resp:	272490
Ion	Ratio	Lower	Upper
43	100		
58	32.0	27.5	41.3





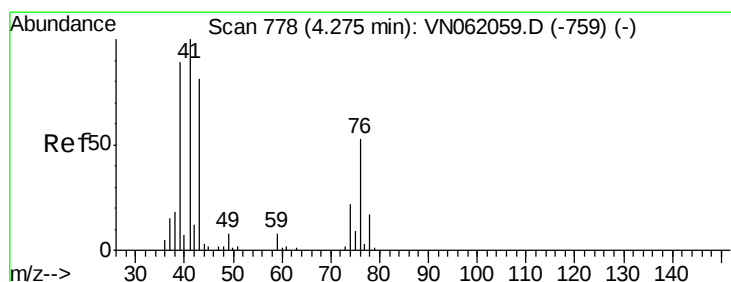
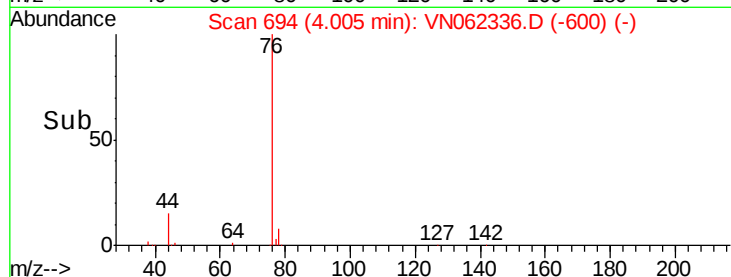
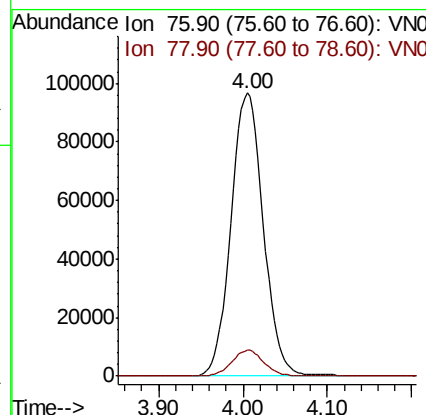
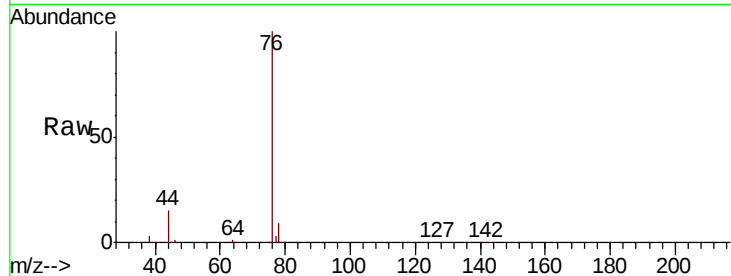
#17
Carbon Disulfide
Concen: 46.464 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

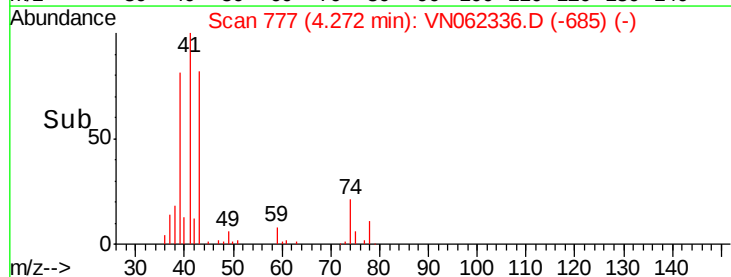
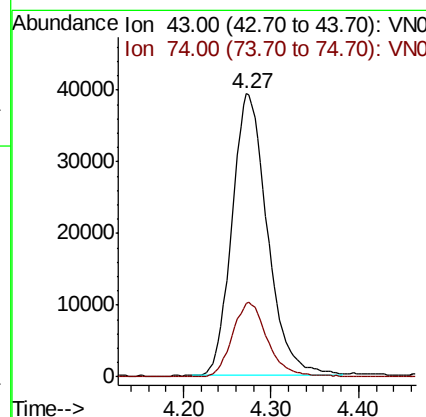
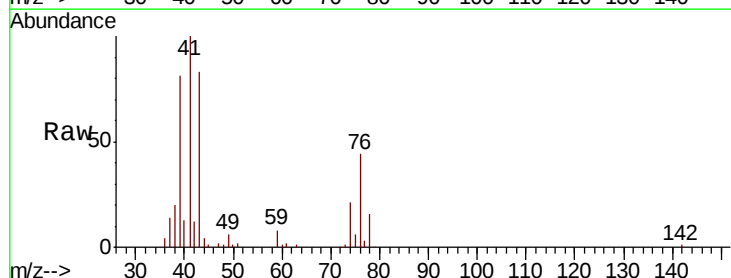
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#18
Methyl Acetate
Concen: 58.791 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	22.9	34.3





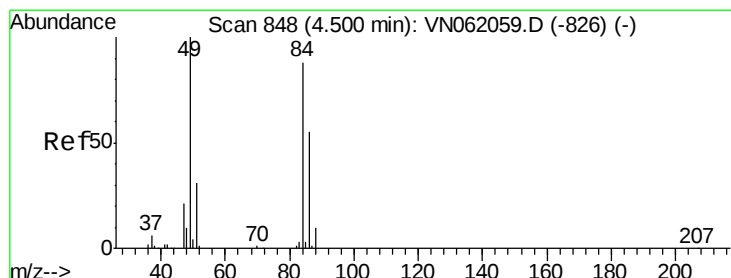
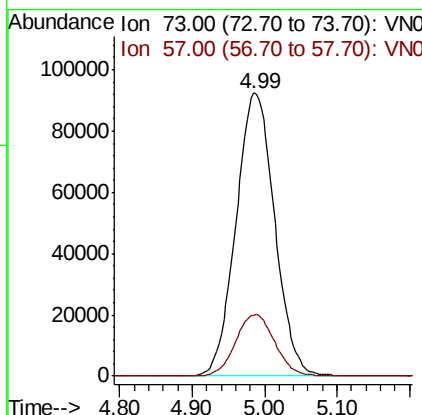
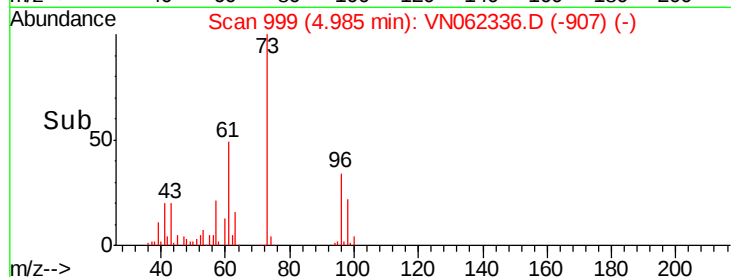
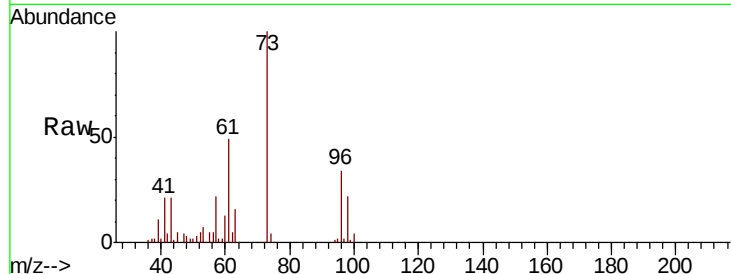
#19
Methvl tert-butvl Ether
Concen: 55.368 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 342968
Ion Ratio Lower Upper
73 100
57 21.5 16.6 24.8

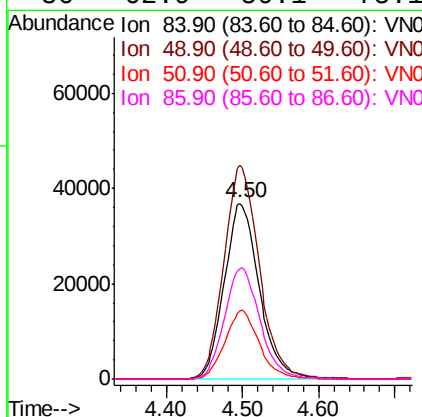
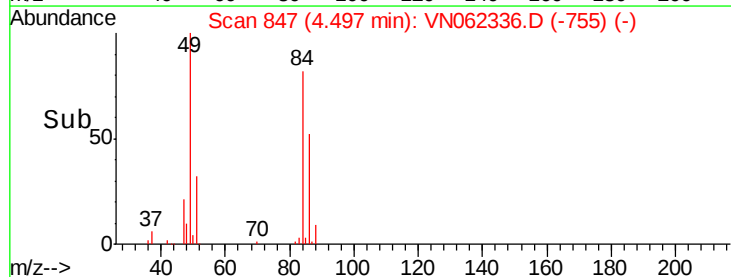
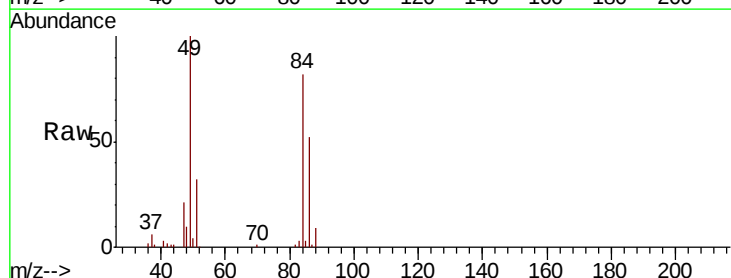
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#20
Methylene Chloride
Concen: 54.277 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 84 Resp: 118007
Ion Ratio Lower Upper
84 100
49 121.5 90.6 136.0
51 38.9 27.8 41.8
86 62.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 47.205 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

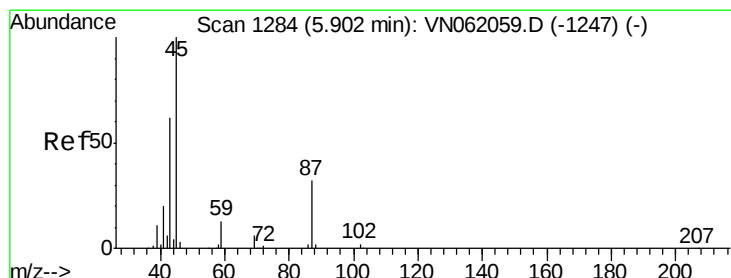
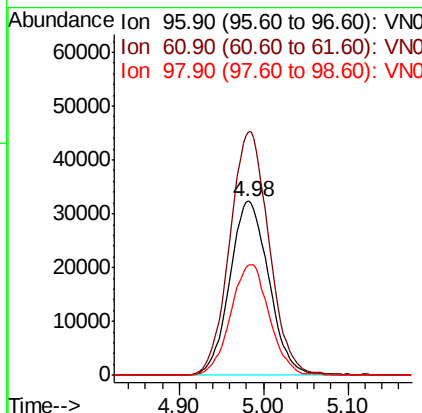
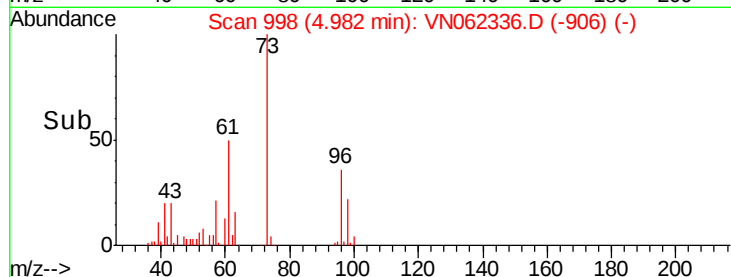
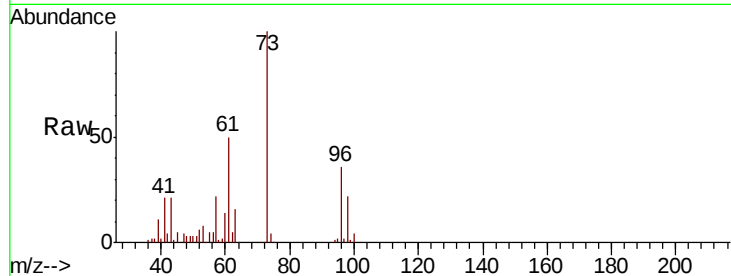
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	104246
Ion	Ratio	Lower	Upper
96	100		
61	139.7	101.4	152.2
98	63.1	49.3	73.9

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#22

Diisopropyl ether

Concen: 58.727 ug/l

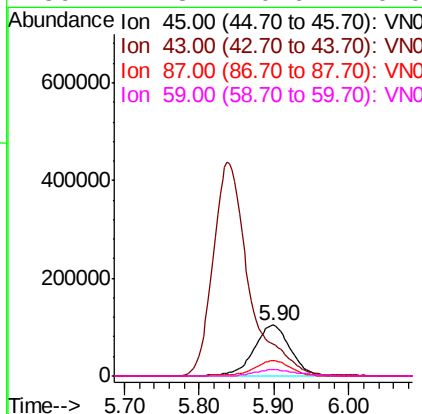
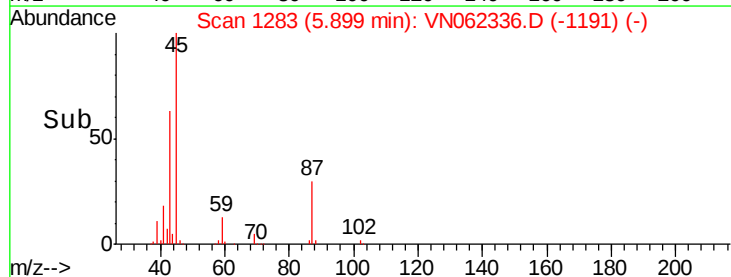
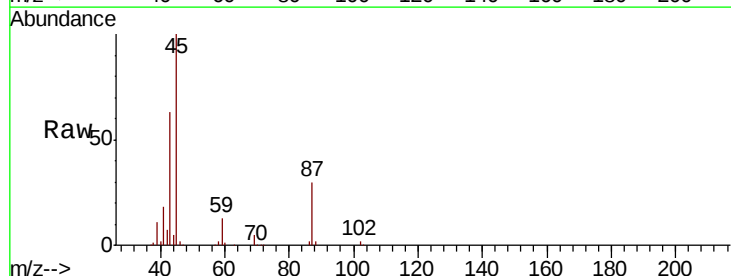
RT: 5.90 min Scan# 1283

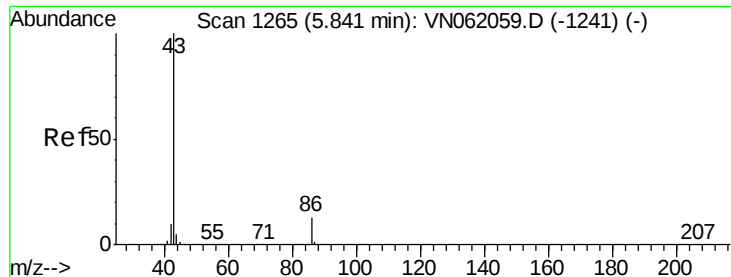
Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion:	45	Resp:	352910
Ion	Ratio	Lower	Upper
45	100		
43	61.4	49.7	74.5
87	29.7	25.9	38.9
59	12.3	10.6	16.0





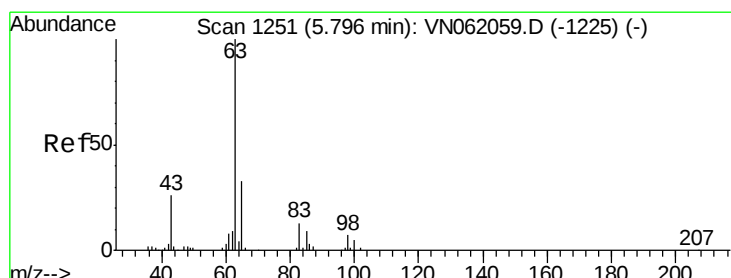
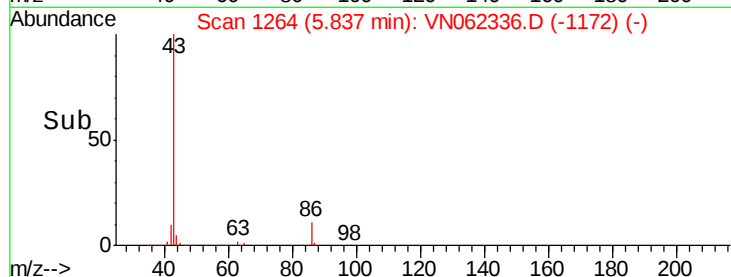
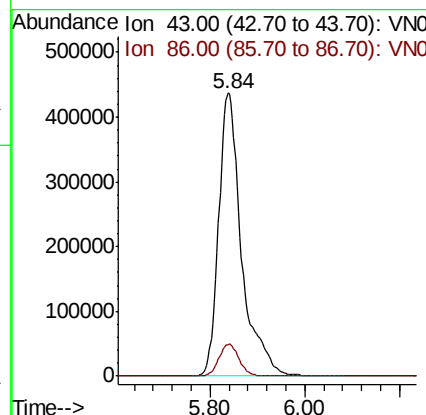
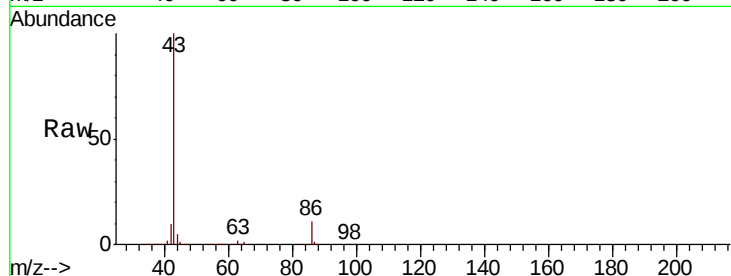
#23
 Vinyl Acetate
 Concen: 298.667 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1465351
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.1 15.1

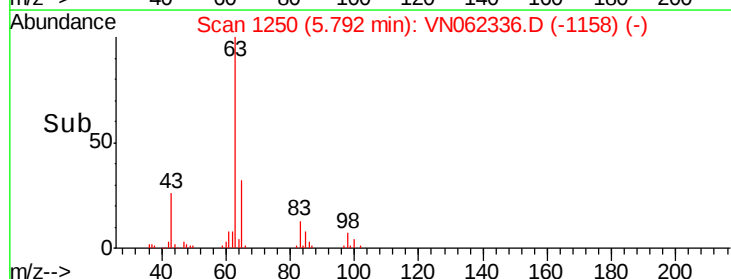
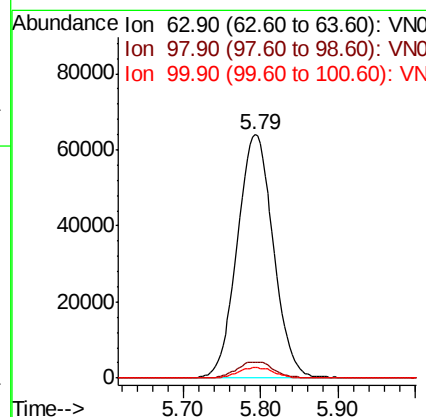
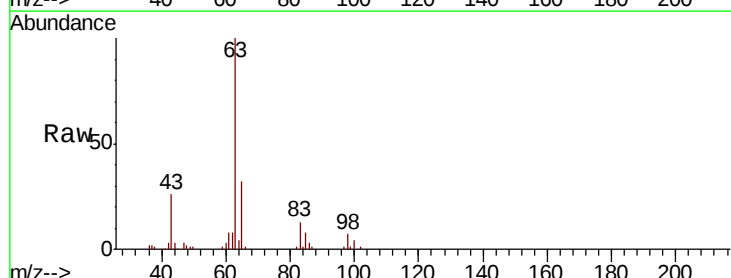
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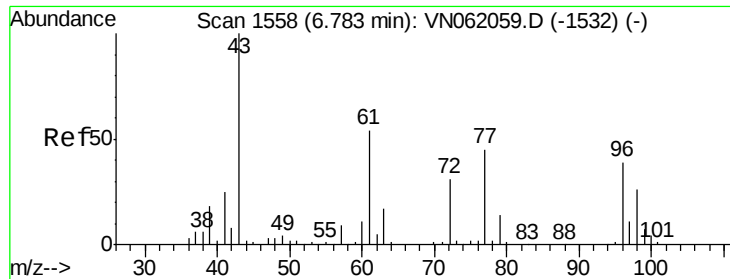
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#24
 1,1-Dichloroethane
 Concen: 53.605 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 63 Resp: 207433
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.4 2.4 7.1





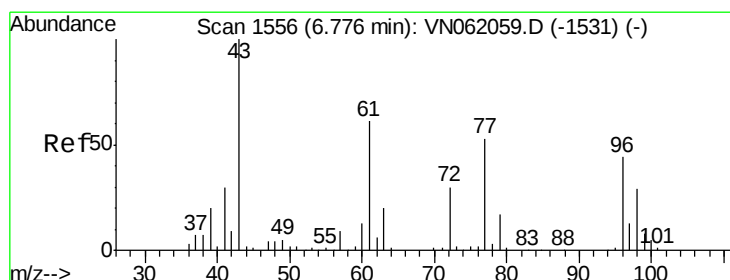
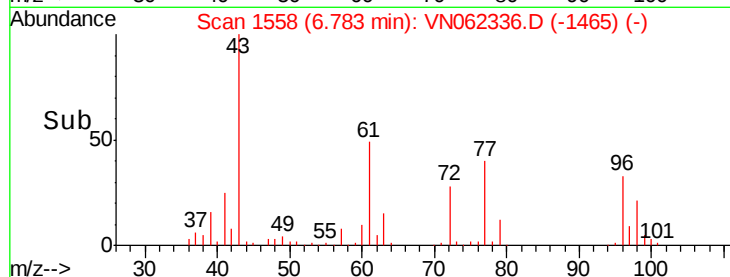
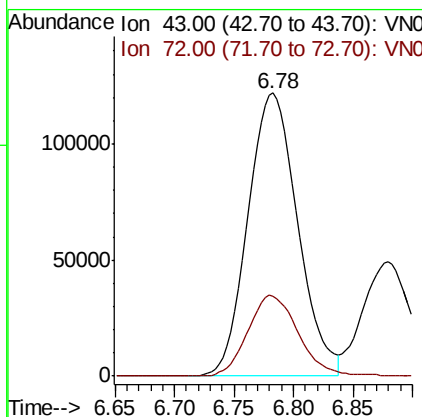
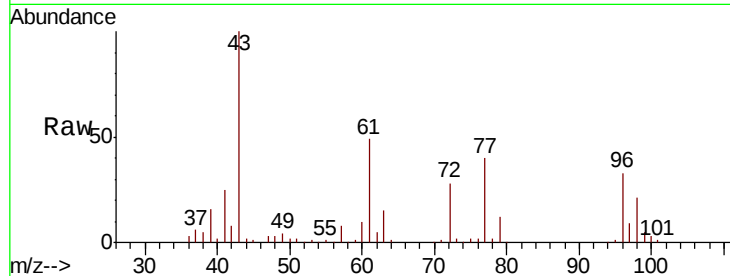
#25
2-Butanone
Concen: 305.226 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 353459
Ion Ratio Lower Upper
43 100
72 28.3 24.8 37.2

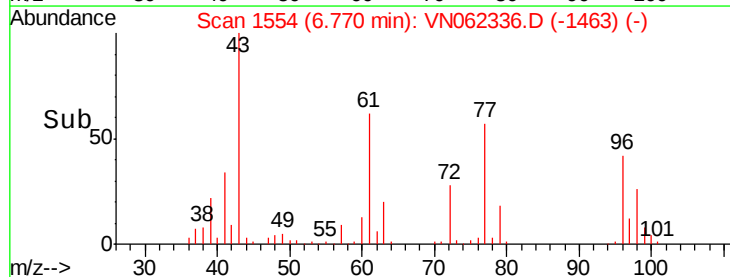
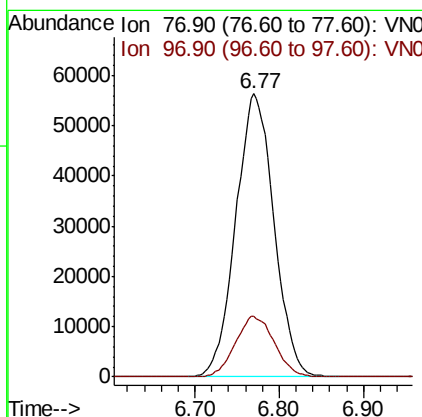
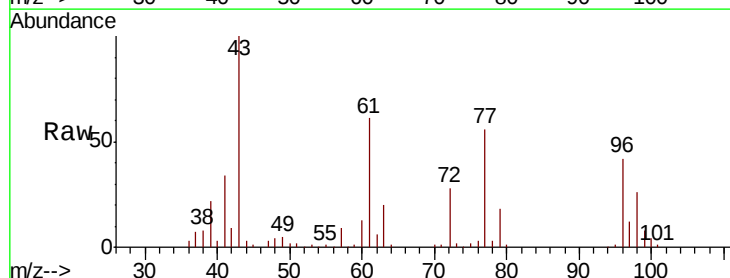
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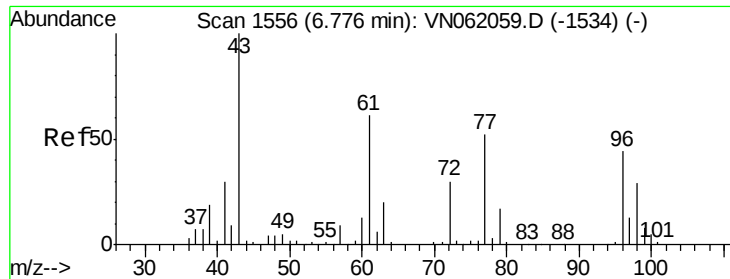
sam
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#26
2,2-Dichloropropane
Concen: 54.992 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 77 Resp: 177329
Ion Ratio Lower Upper
77 100
97 21.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 51.555 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

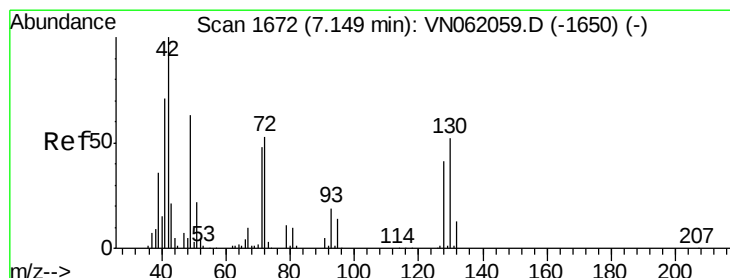
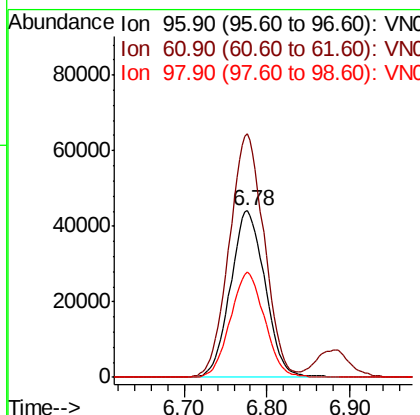
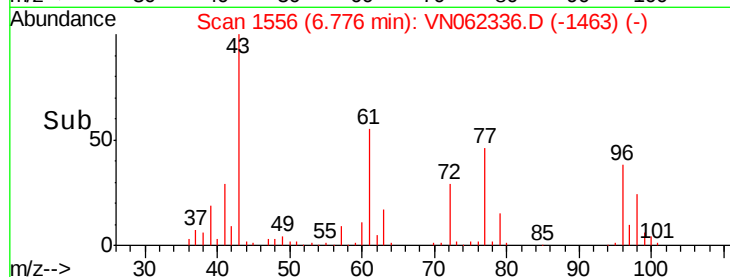
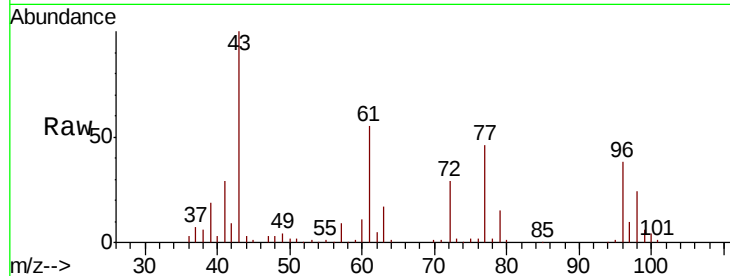
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	128112
Ion Ratio	Lower	Upper	
96	100		
61	147.7	0.0	280.4
98	62.5	0.0	129.4

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#28

Bromochloromethane

Concen: 55.652 ug/l

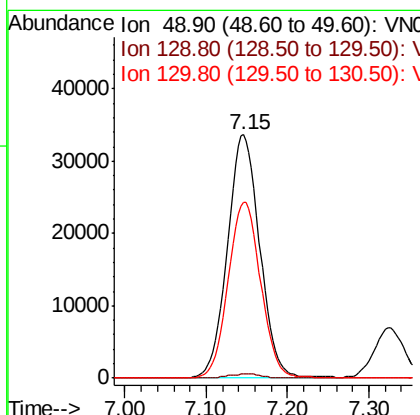
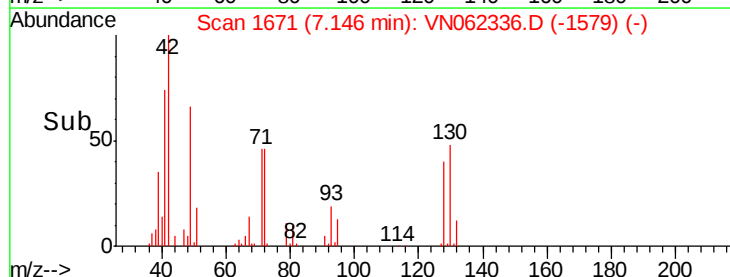
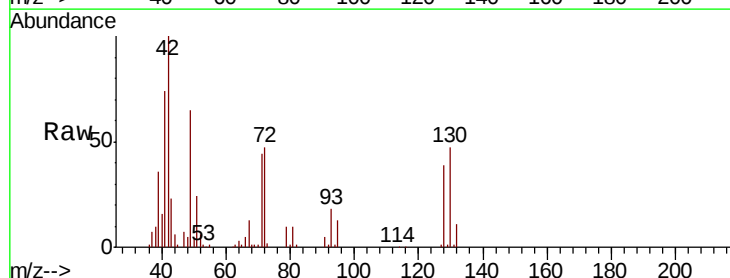
RT: 7.15 min Scan# 1671

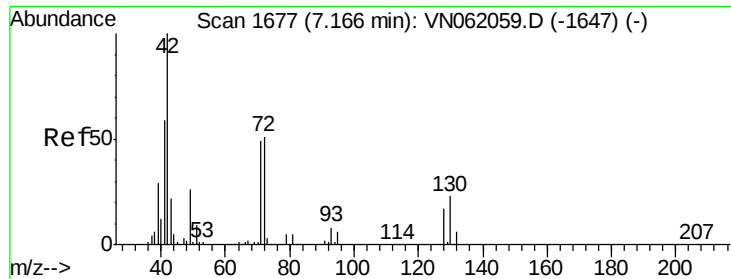
Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion:	49	Resp:	93439
Ion Ratio	Lower	Upper	
49	100		
129	1.6	0.0	4.4
130	72.4	65.5	98.3





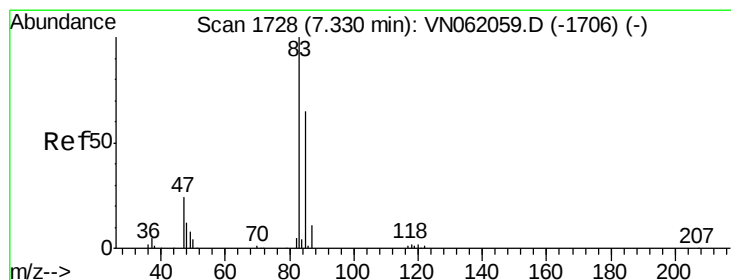
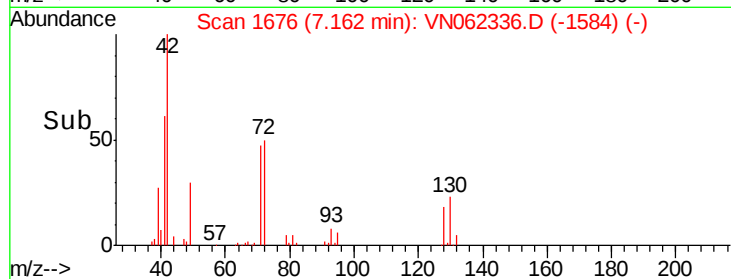
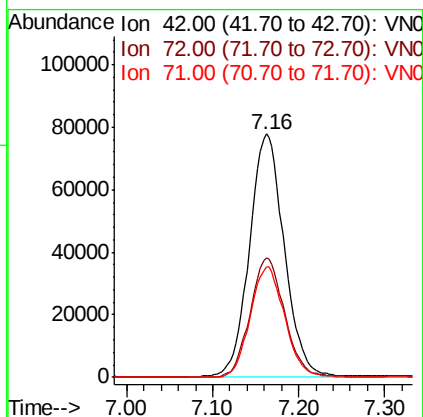
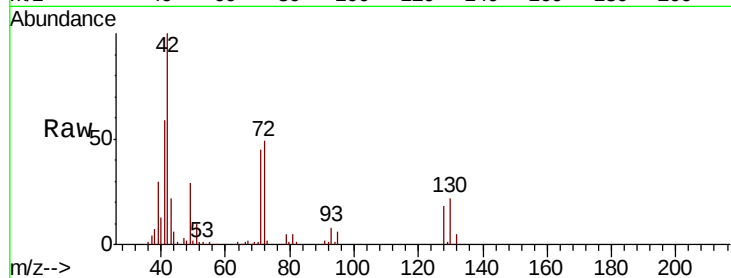
#29
Tetrahydrofuran
Concen: 290.651 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	41.1	61.7
71	44.7	38.2	57.4

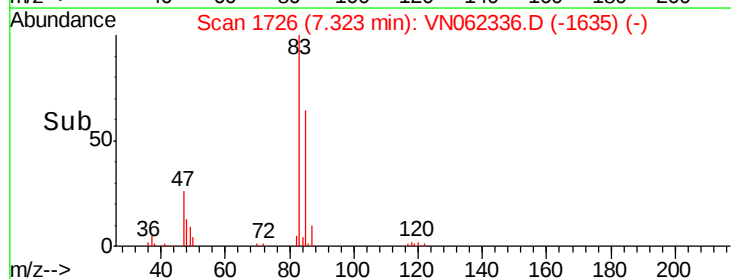
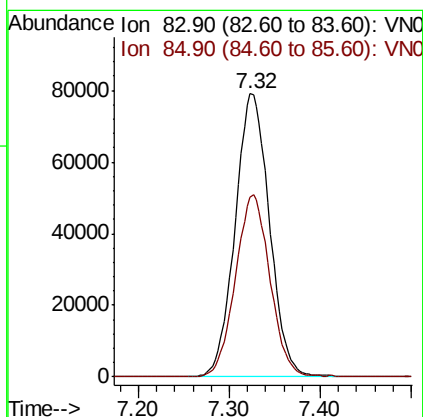
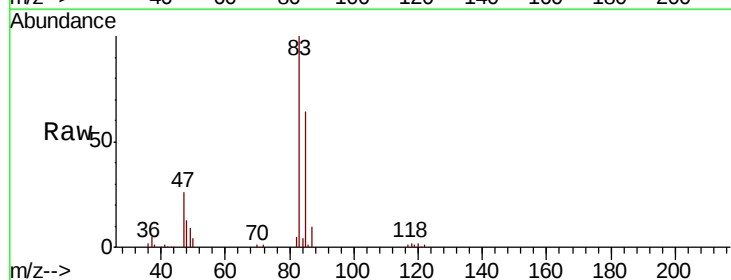
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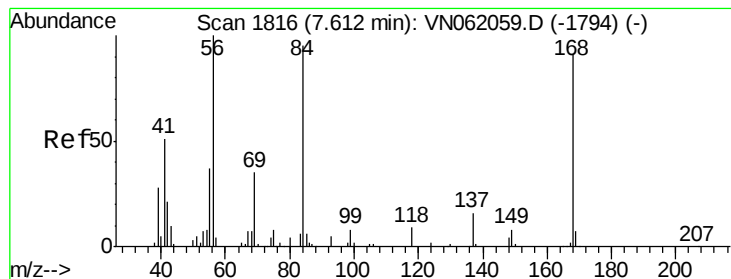
sam
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#30
Chloroform
Concen: 52.676 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.3	78.5





#31

Cyclohexane

Concen: 52.100 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 170536

Ion Ratio Lower Upper

56 100

69 34.5 28.0 42.0

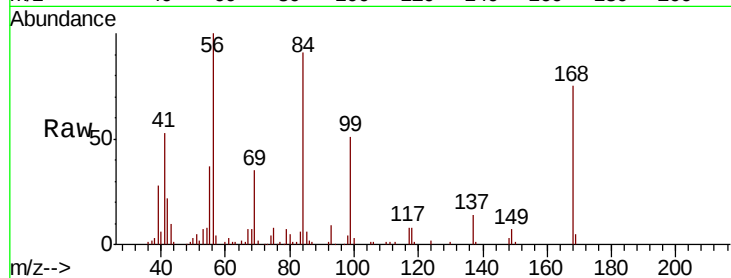
84 90.2 76.1 114.1

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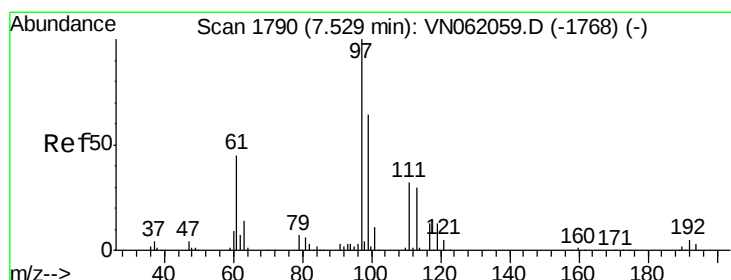
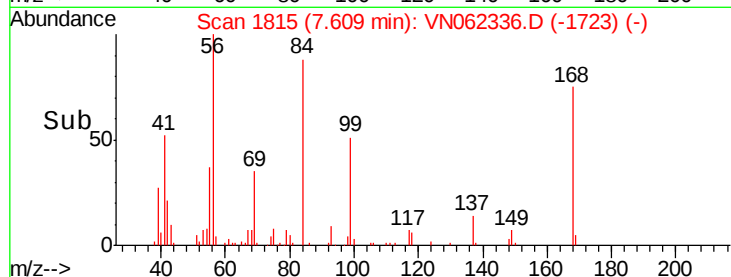
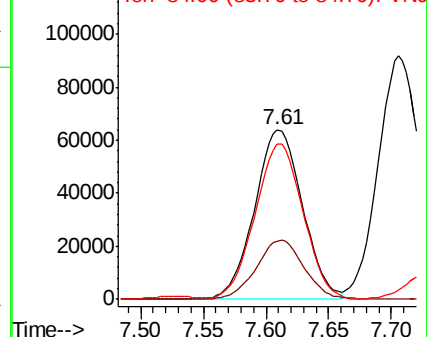


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 50.661 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

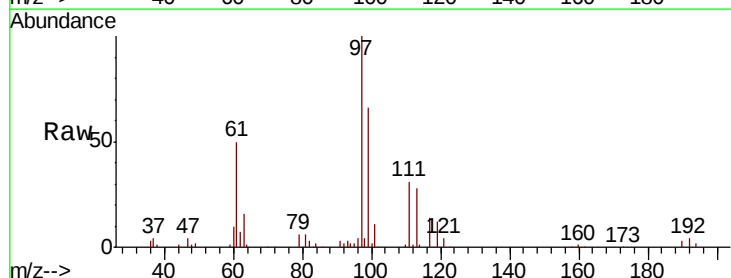
Tgt Ion: 97 Resp: 168207

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 48.9 36.2 54.2

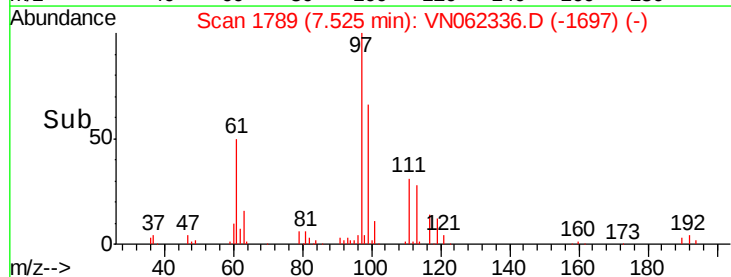
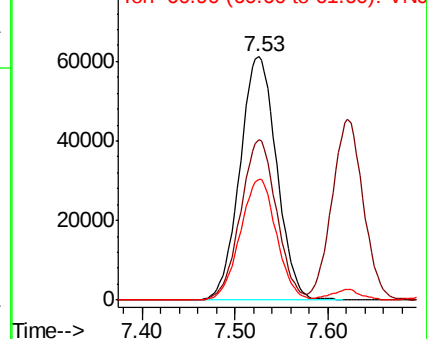


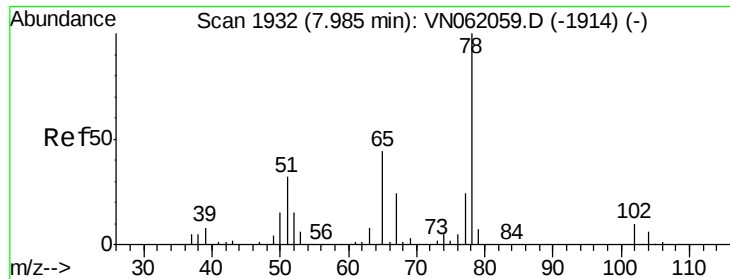
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





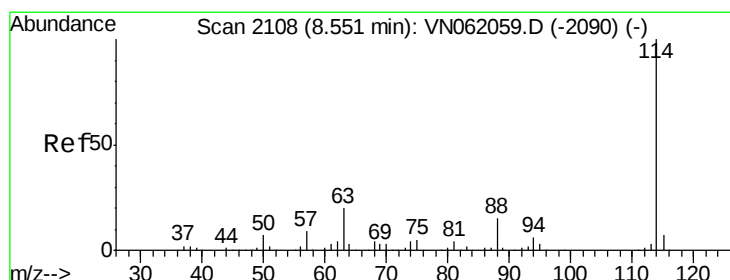
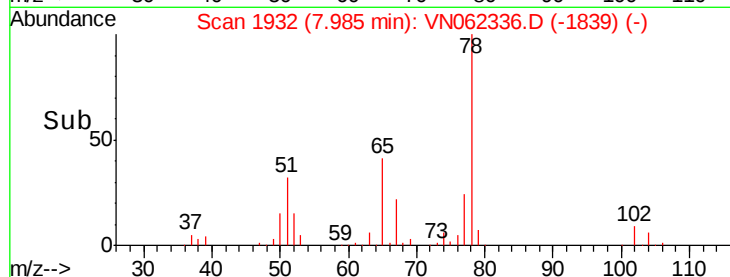
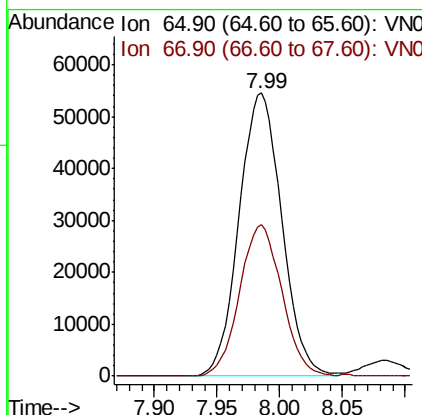
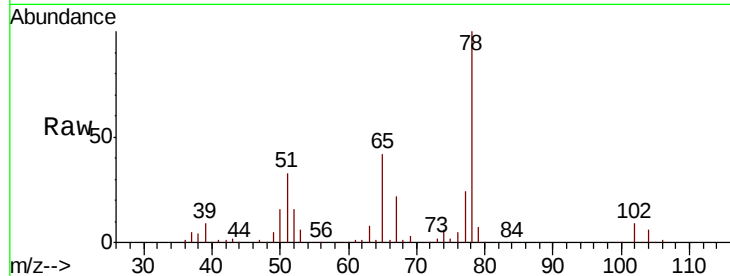
#33
 1,2-Dichloroethane-d4
 Concen: 54.558 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129257		
67	52.8	0.0	106.2	

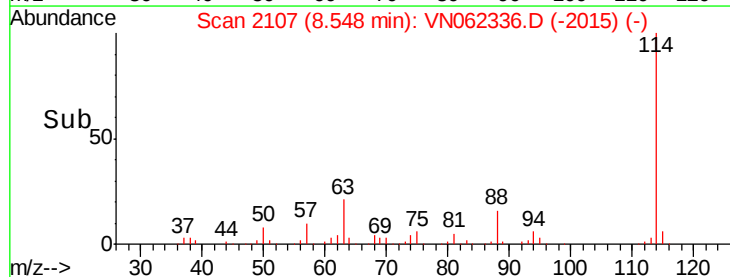
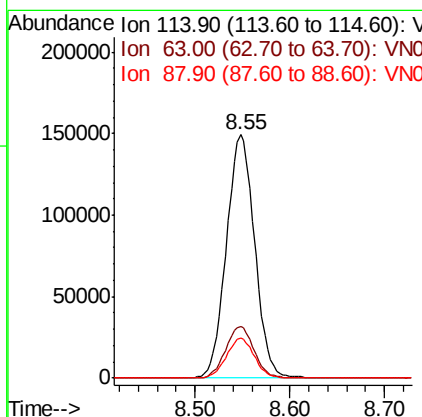
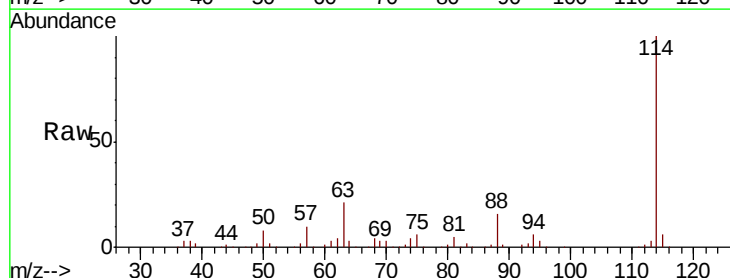
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	310373		
63	21.3	0.0	39.2	
88	16.4	0.0	30.8	





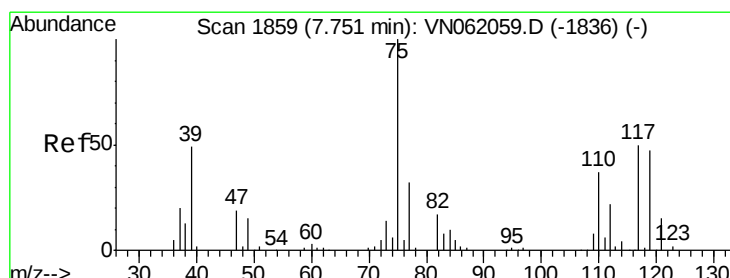
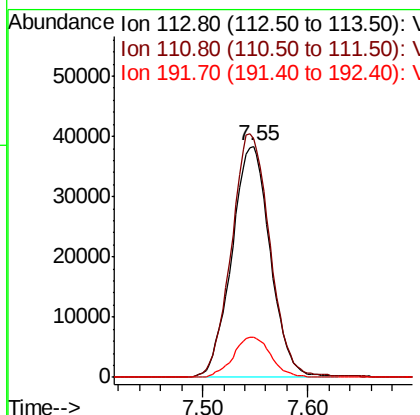
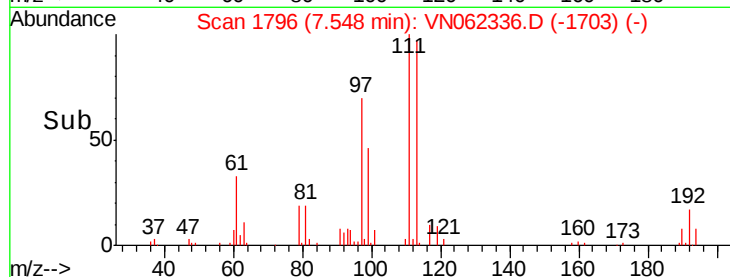
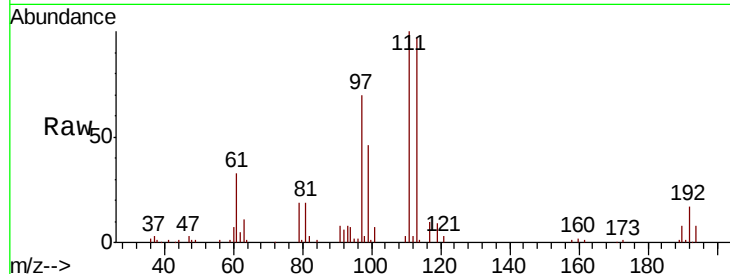
#35
 Dibromofluoromethane
 Concen: 48.770 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	97111		
111	106.2	82.2	123.4	
192	16.9	14.0	21.0	

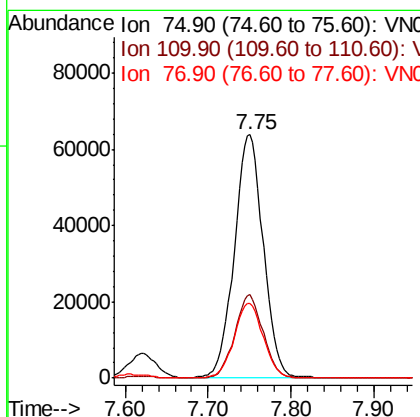
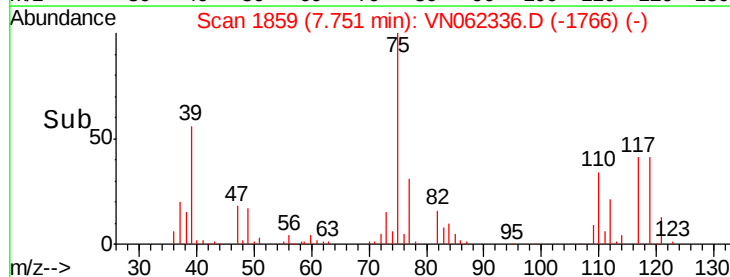
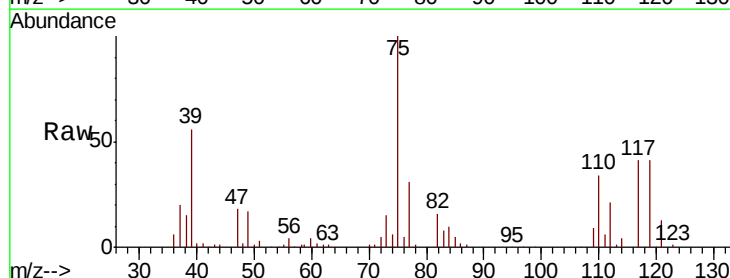
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#36
 1,1-Dichloropropene
 Concen: 49.864 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	155561		
110	33.3	17.9	53.8	
77	31.1	24.9	37.3	





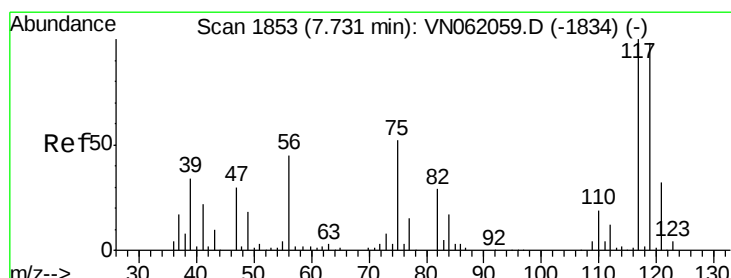
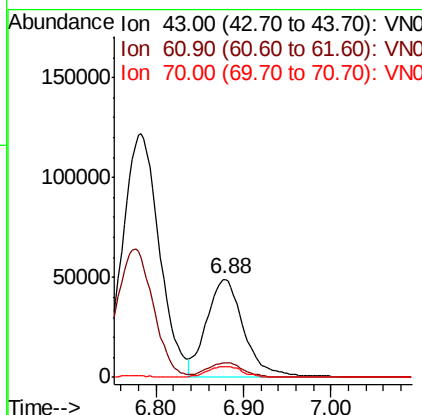
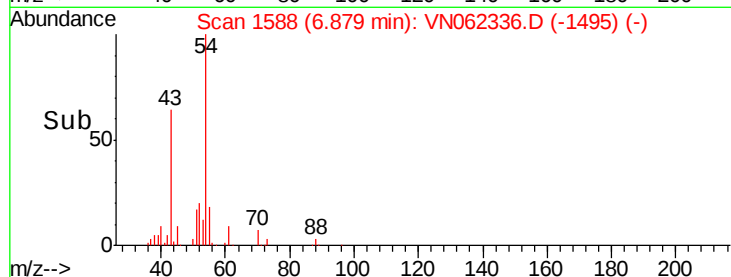
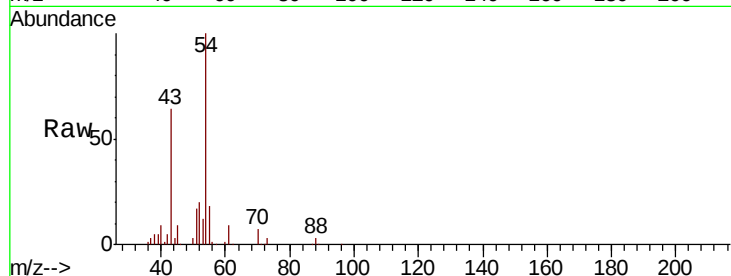
#37
Ethyl Acetate
Concen: 55.555 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.0	18.0
70	10.6	9.6	14.4

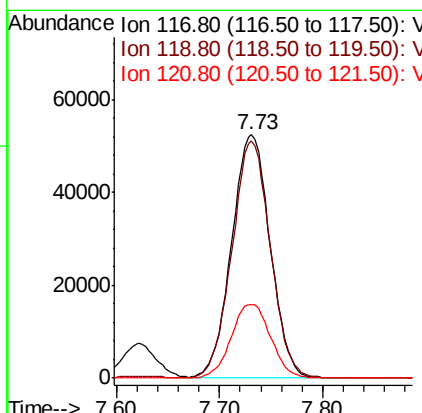
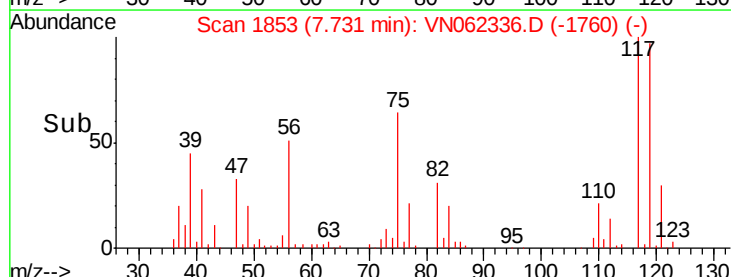
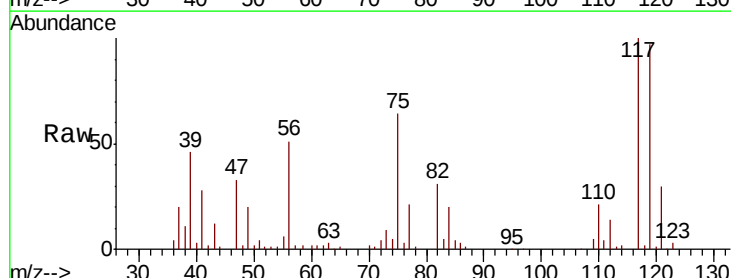
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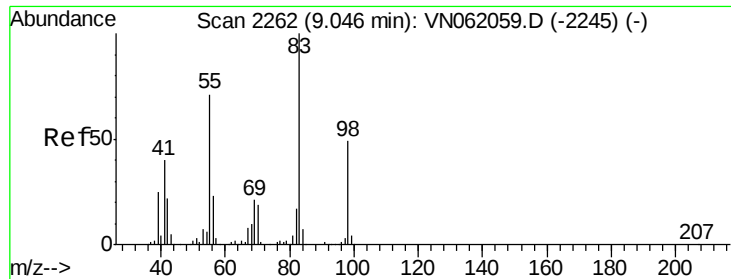
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#38
Carbon Tetrachloride
Concen: 46.482 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.2	117.2
121	30.4	25.8	38.6





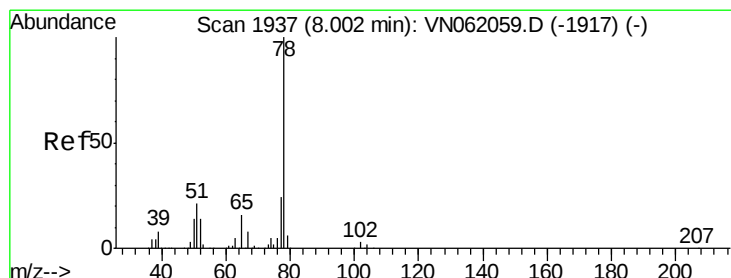
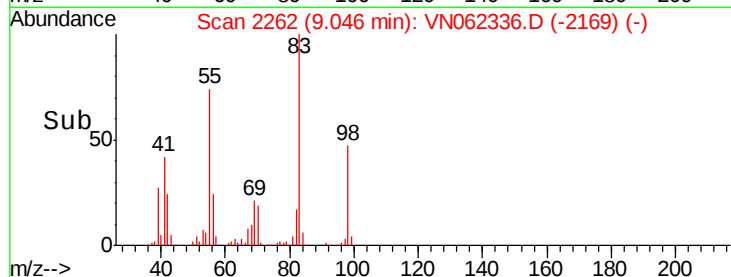
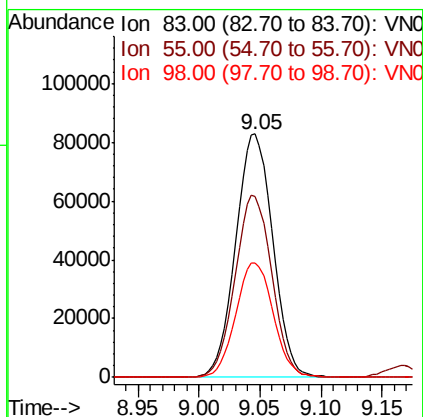
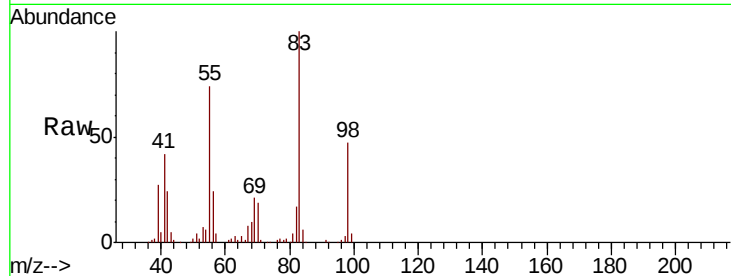
#39
Methvlcvclohexane
Concen: 51.061 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	57.0	85.6
98	47.2	39.0	58.6

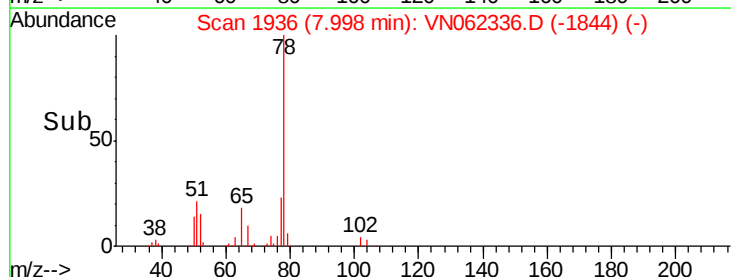
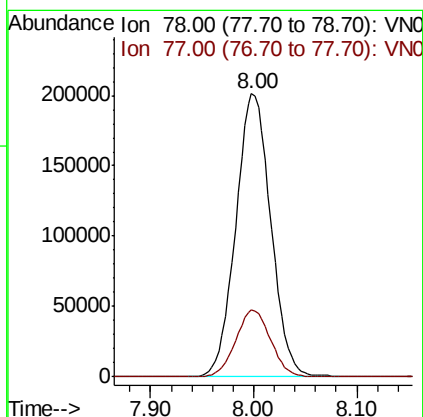
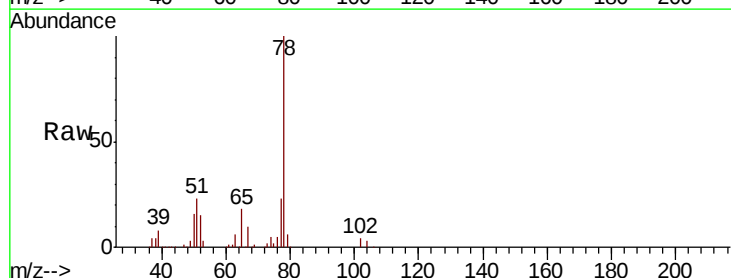
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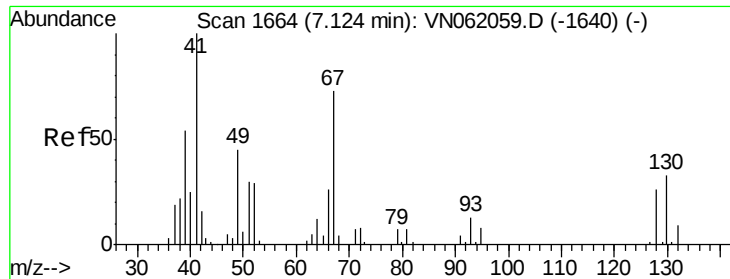
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#40
Benzene
Concen: 49.962 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





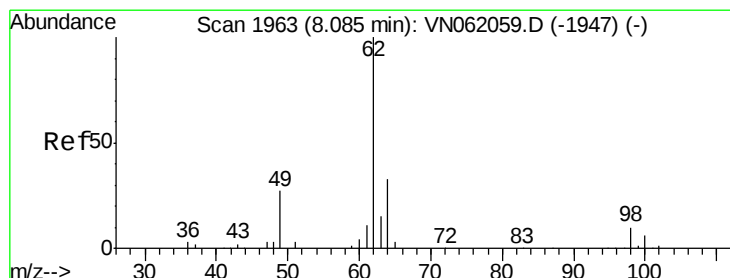
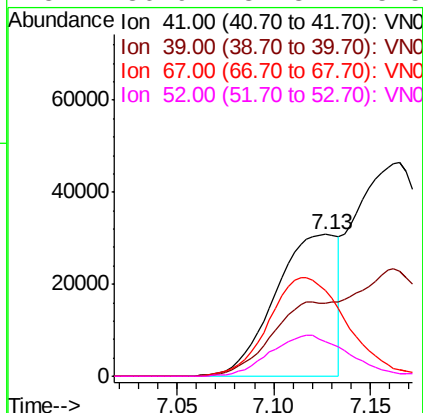
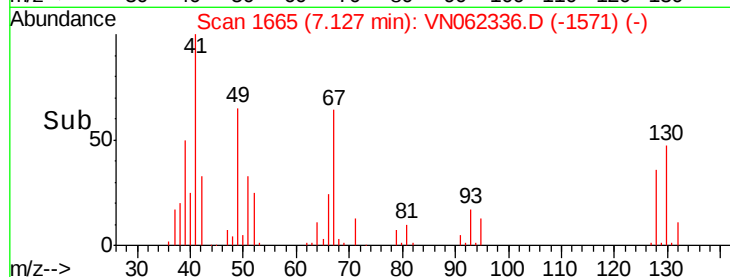
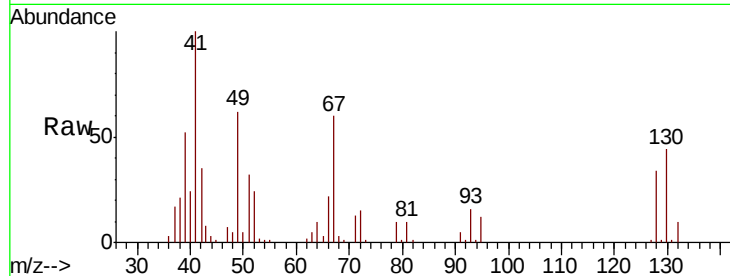
#41
Methacrylonitrile
Concen: 57.935 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:	41	Resp:	69384
Ion	Ratio	Lower	Upper
41	100		
39	45.0	44.2	66.2
67	87.3	79.5	119.3
52	36.9	32.3	48.5

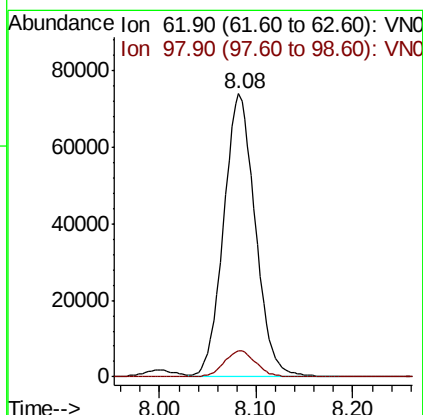
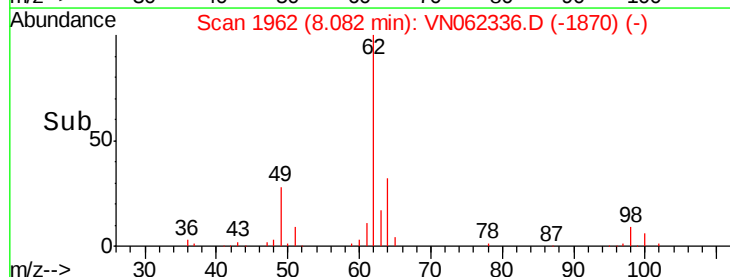
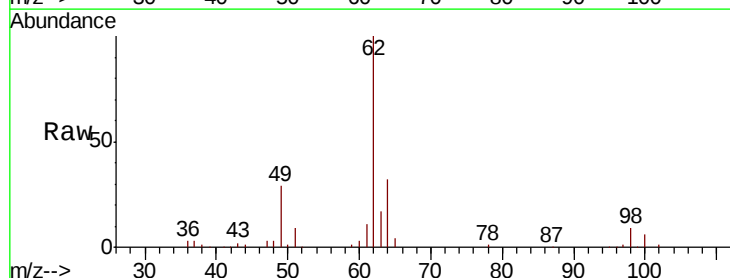
Manual Integrations
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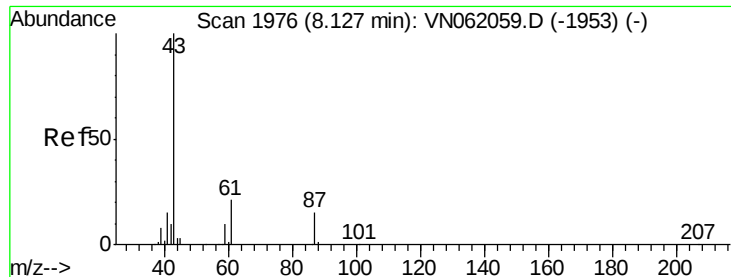
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#42
1,2-Dichloroethane
Concen: 52.353 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:	62	Resp:	168191
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8





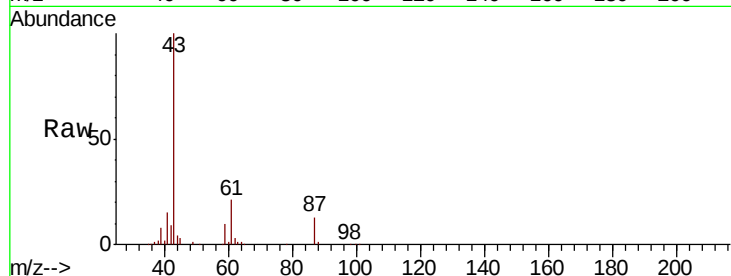
#43
Isopropyl Acetate
Concen: 56.321 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.5	17.2	25.8
87	13.8	12.1	18.1

Manual Integrations
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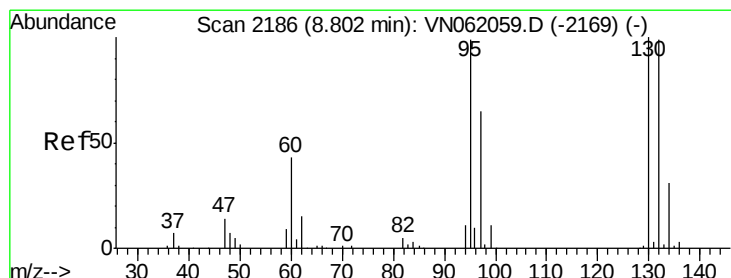
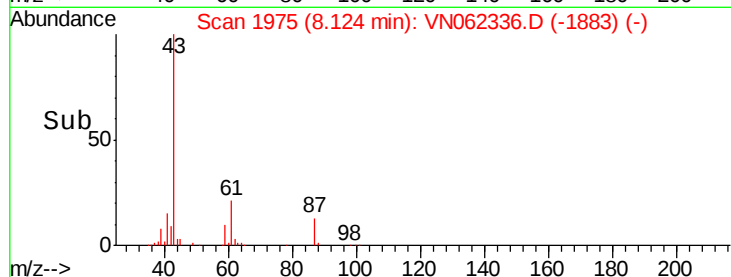
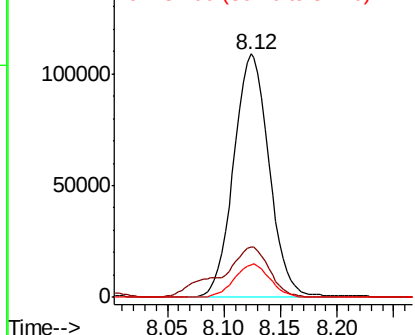


Abundance

Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

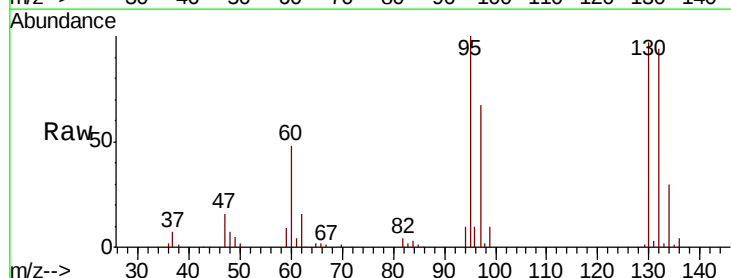
Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44
Trichloroethene
Concen: 46.068 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

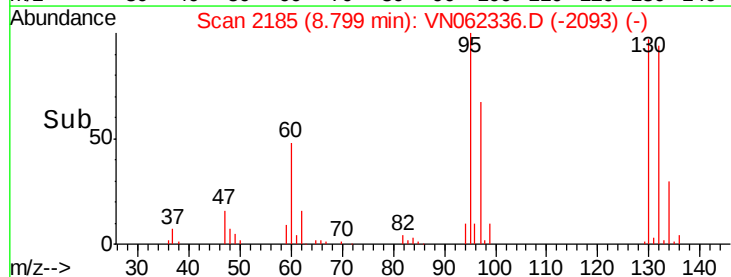
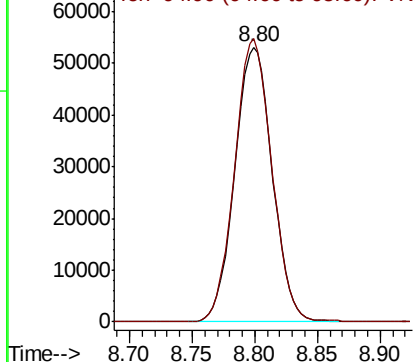
Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	197.8



Abundance

Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





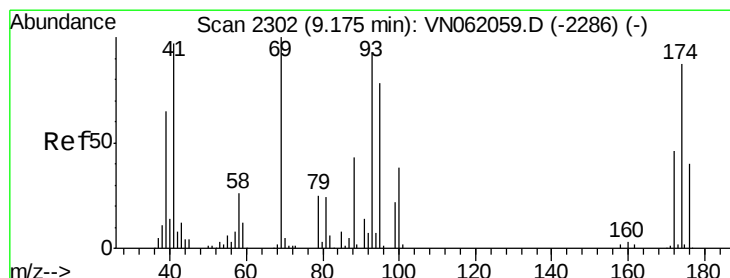
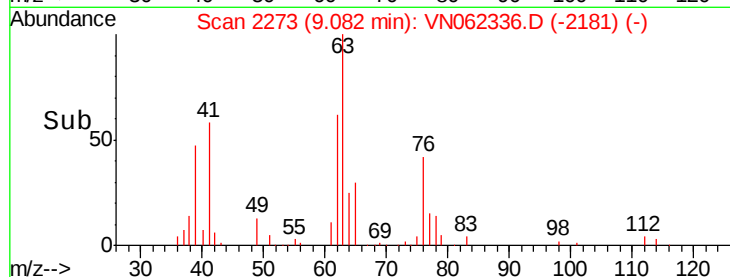
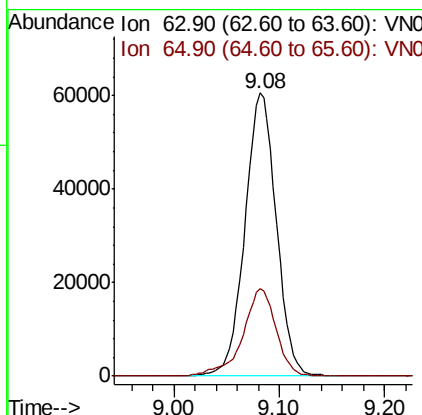
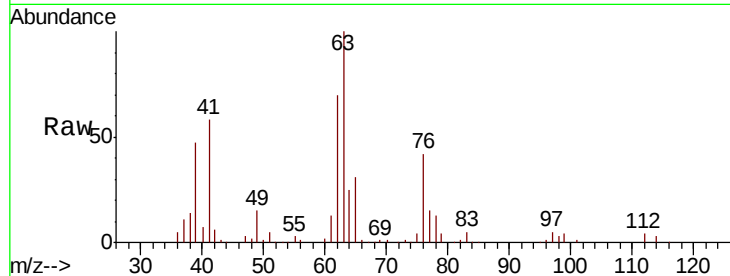
#45
 1,2-Dichloropropane
 Concen: 53.403 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 125276
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4

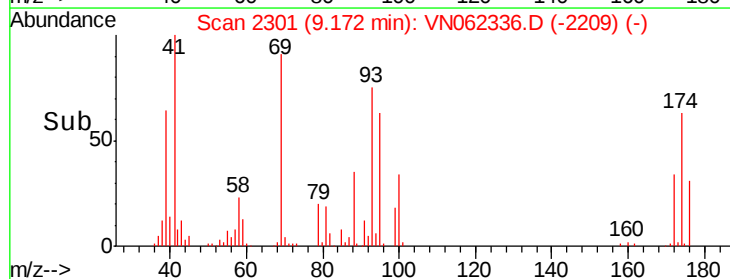
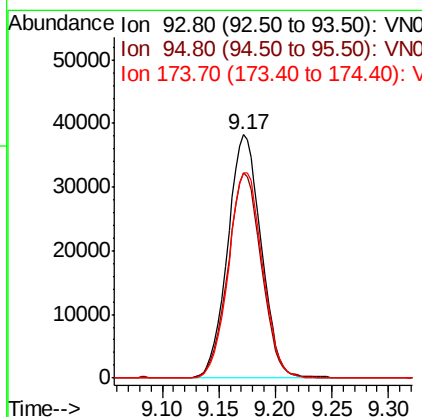
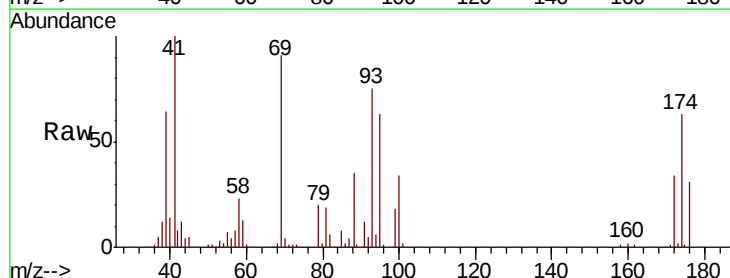
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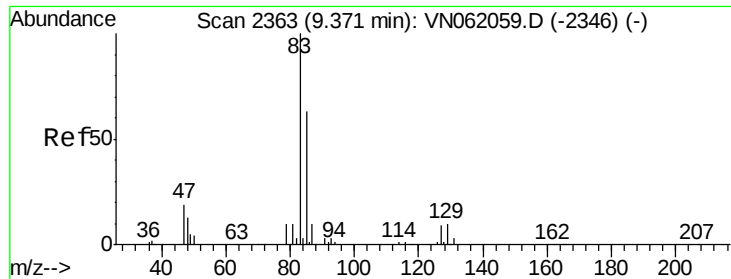
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#46
 Dibromomethane
 Concen: 49.676 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 93 Resp: 79010
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.0 100.6
 174 85.3 74.4 111.6





#47

Bromodichloromethane

Concen: 52.195 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

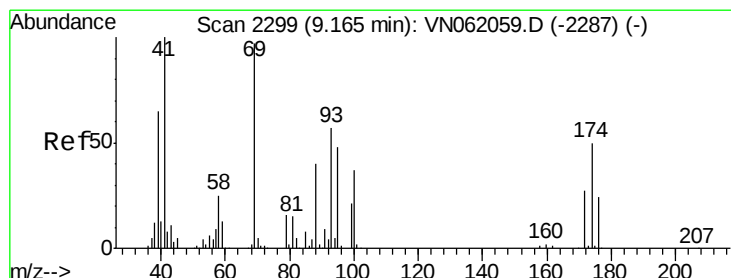
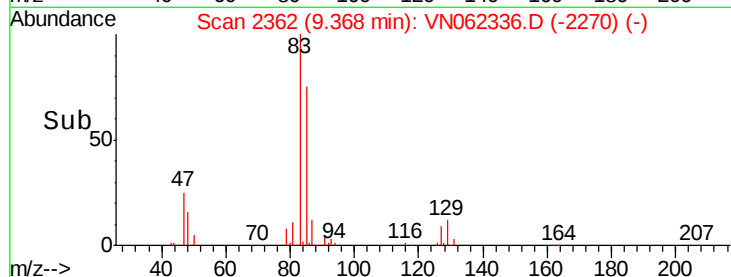
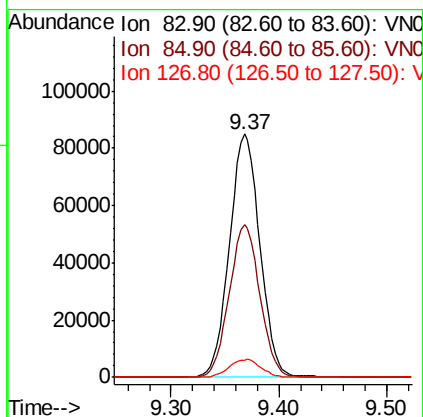
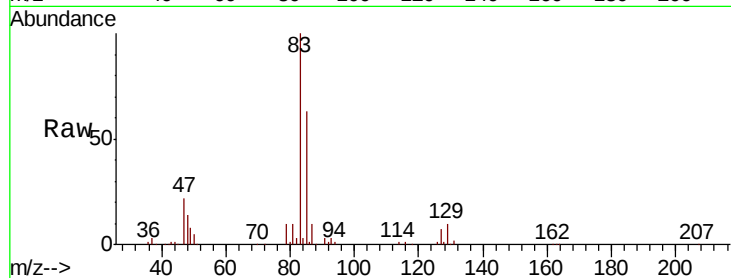
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	167623
Ion Ratio	Lower	Upper	
83	100		
85	63.0	50.3	75.5
127	7.3	6.9	10.3

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#48

Methyl methacrylate

Concen: 60.055 ug/l

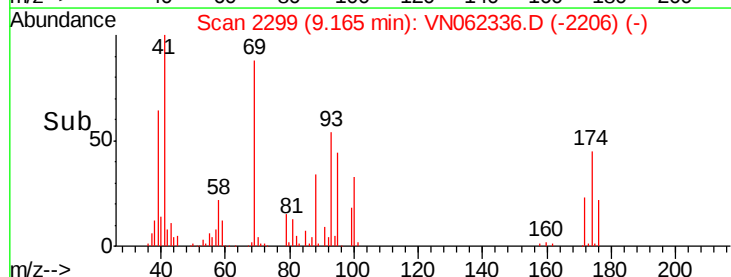
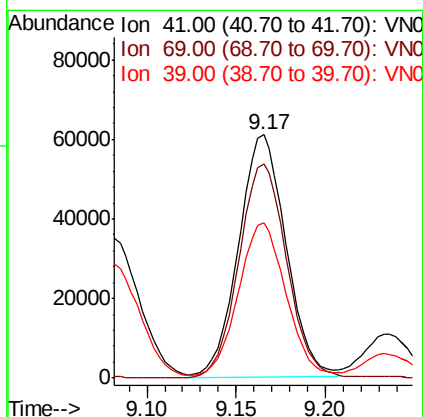
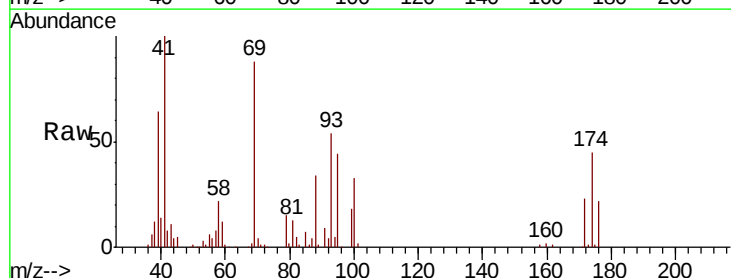
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion:	41	Resp:	113394
Ion Ratio	Lower	Upper	
41	100		
69	89.4	80.7	121.1
39	64.6	54.5	81.7





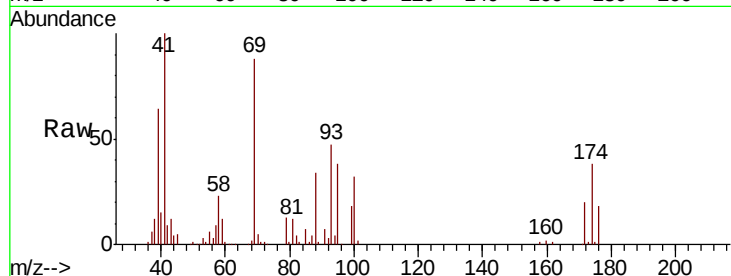
#49
1,4-Dioxane
Concen: 1042.661 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

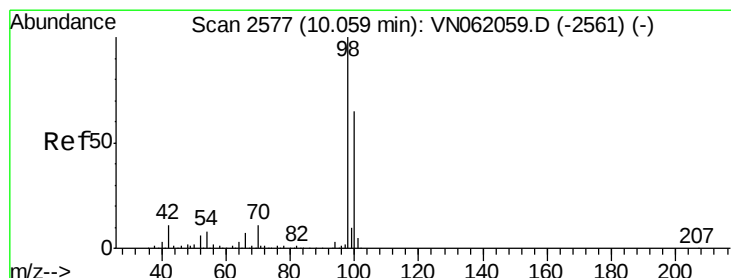
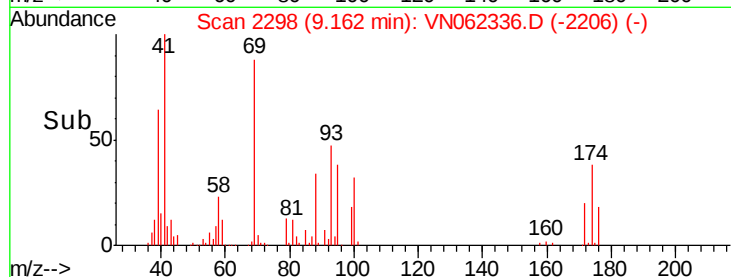
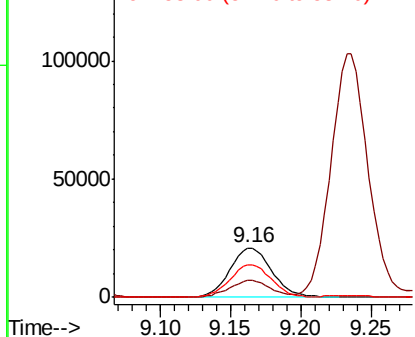
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	22.0	33.0#
58	65.2	49.2	73.8

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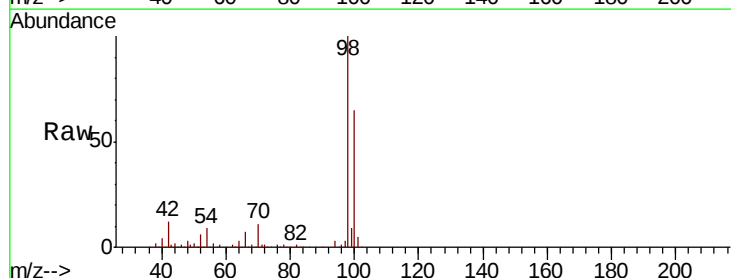


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

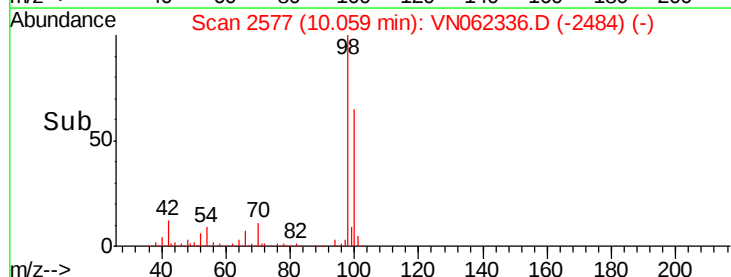
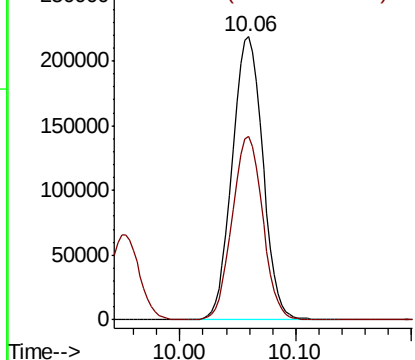


#50
Toluene-d8
Concen: 50.197 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 292.732 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 720243

Ion Ratio Lower Upper

43 100

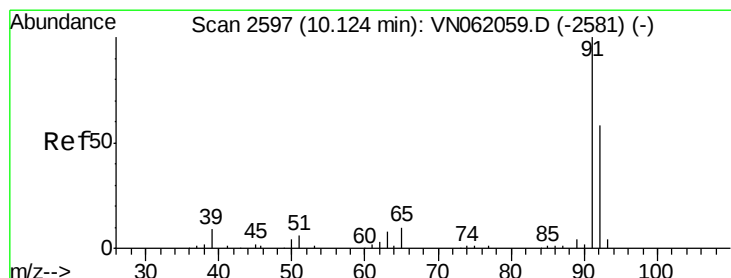
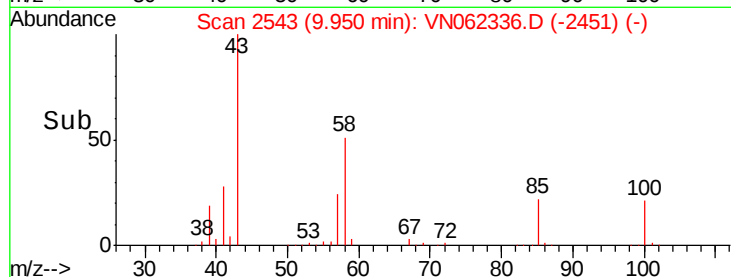
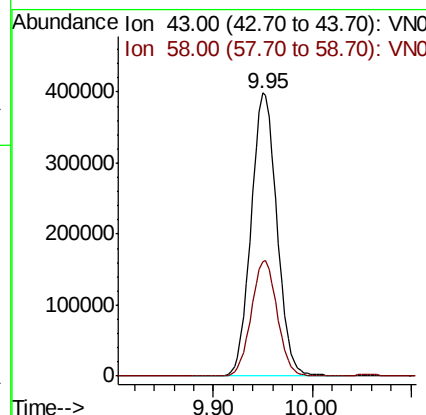
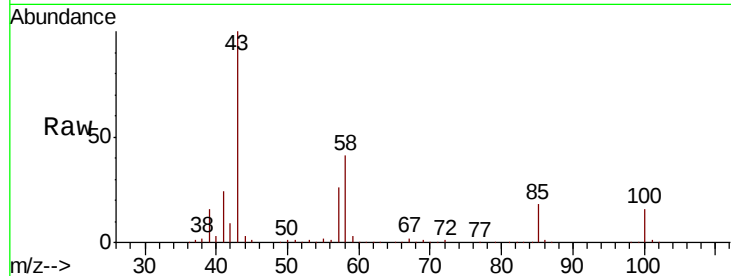
58 41.0 34.2 51.2

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#52

Toluene

Concen: 51.522 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062336.D

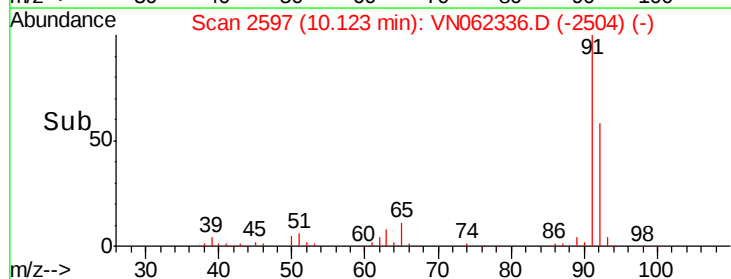
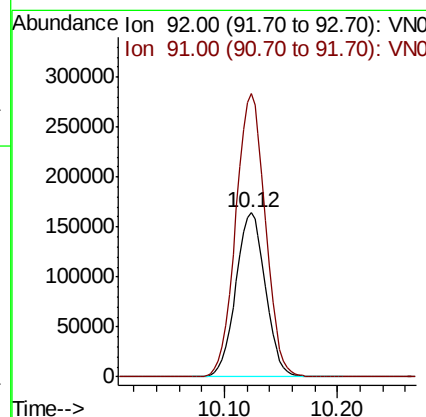
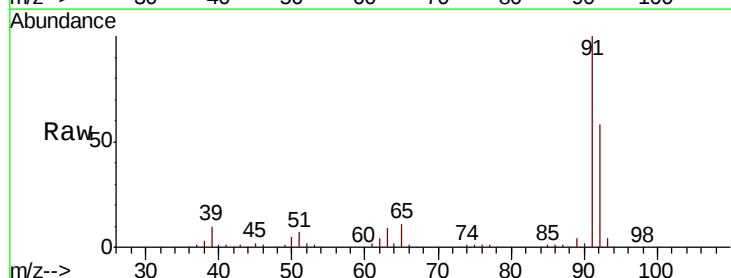
Acq: 2 Jul 2020 16:21

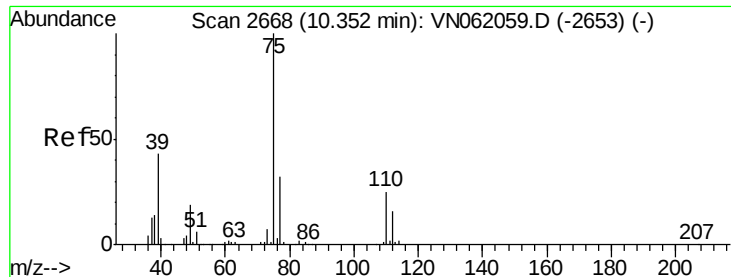
Tgt Ion: 92 Resp: 298919

Ion Ratio Lower Upper

92 100

91 173.0 137.4 206.0





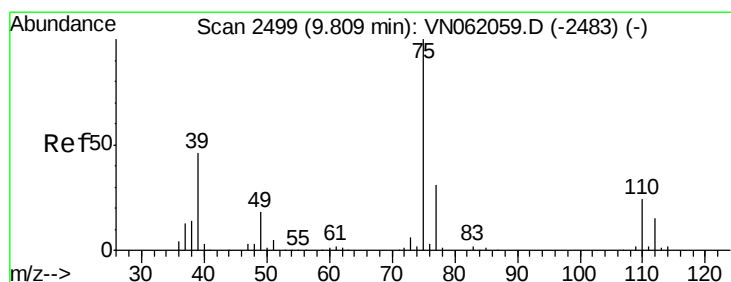
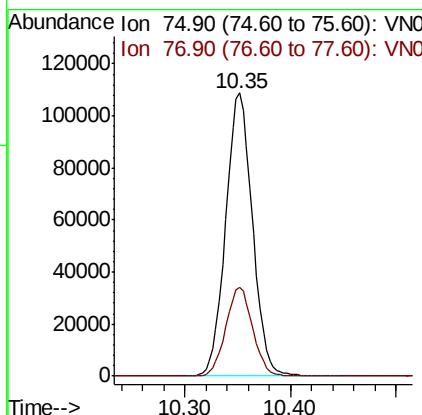
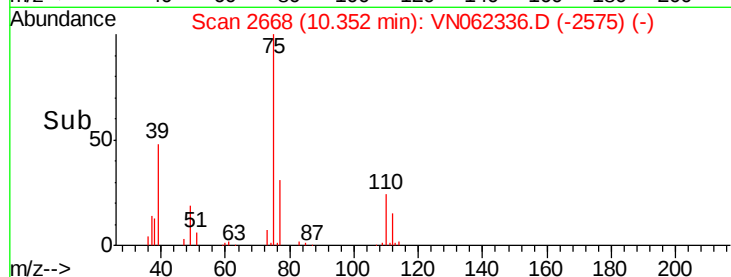
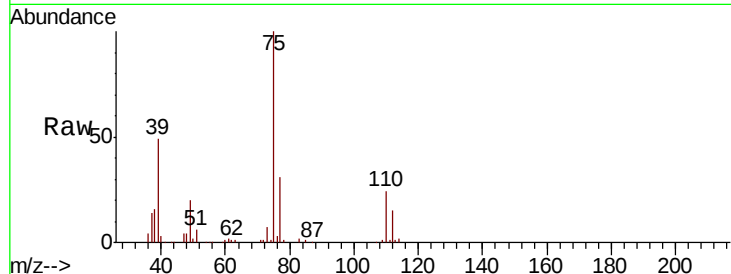
#53
 t-1,3-Dichloropropene
 Concen: 53.954 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 75 Resp: 190629
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3

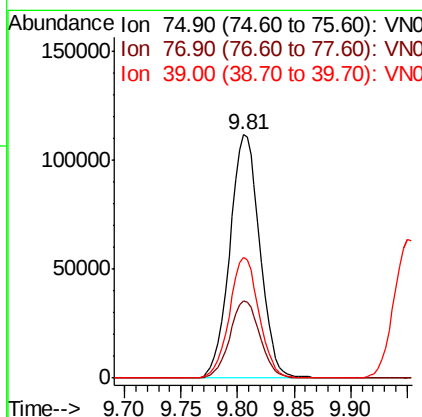
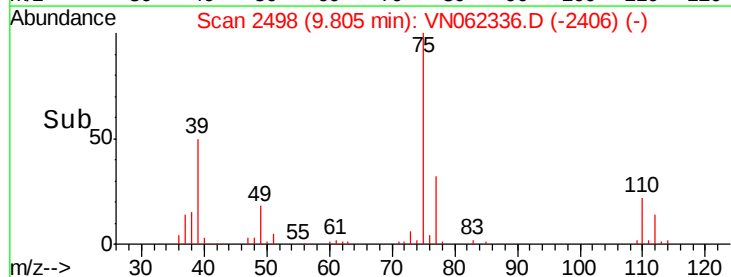
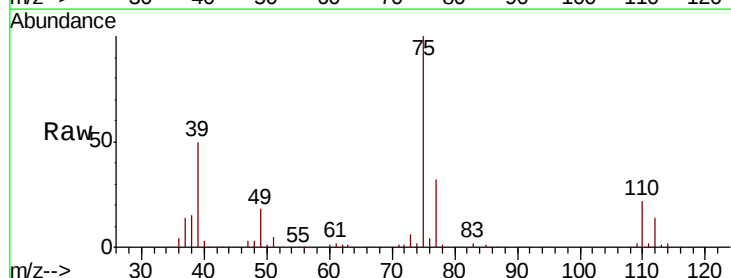
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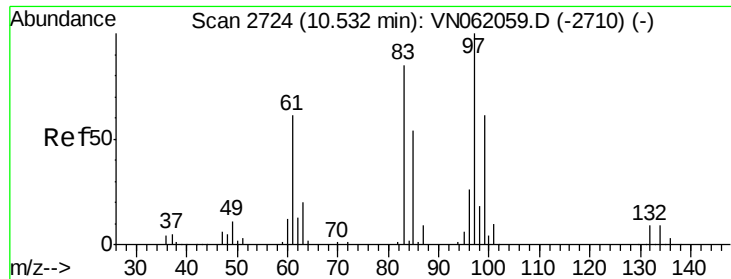
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#54
 cis-1,3-Dichloropropene
 Concen: 54.857 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 75 Resp: 206348
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 49.8 36.9 55.3





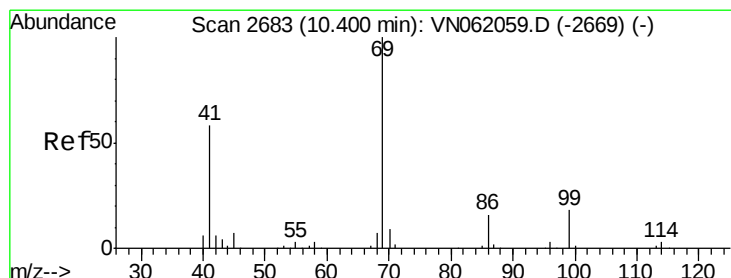
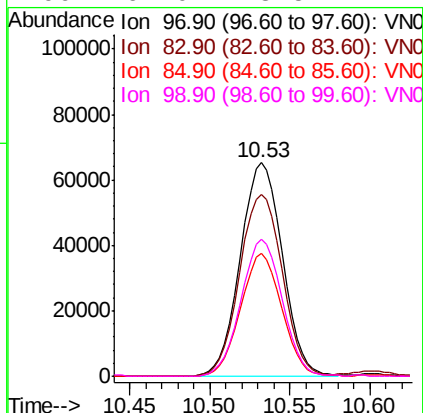
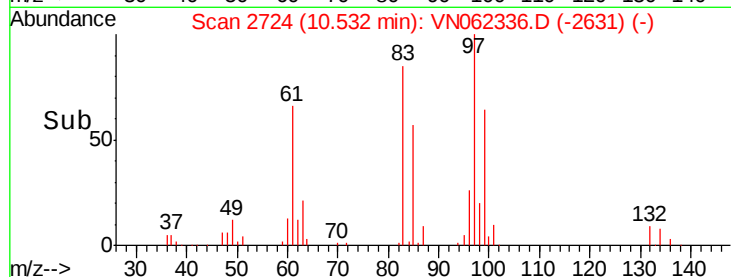
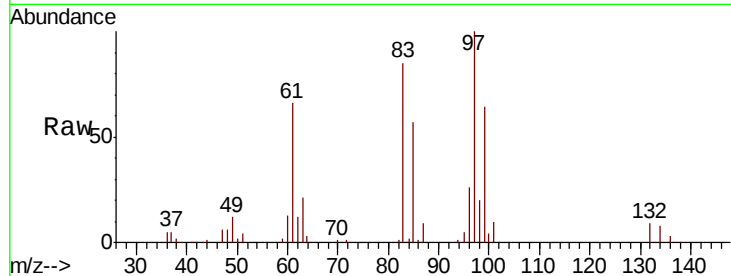
#55
 1,1,2-Trichloroethane
 Concen: 51.688 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	117882
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.2	102.2
85	57.3	43.2	64.8
99	64.0	48.5	72.7

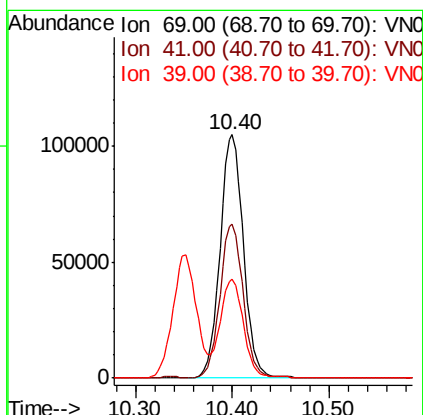
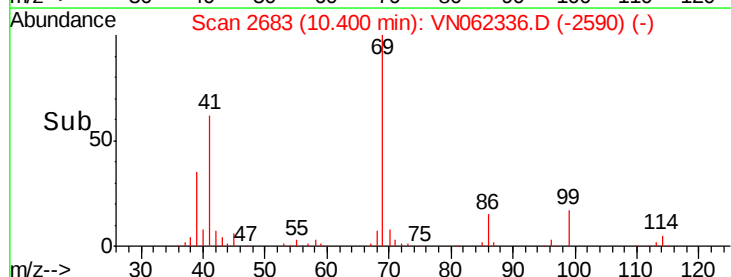
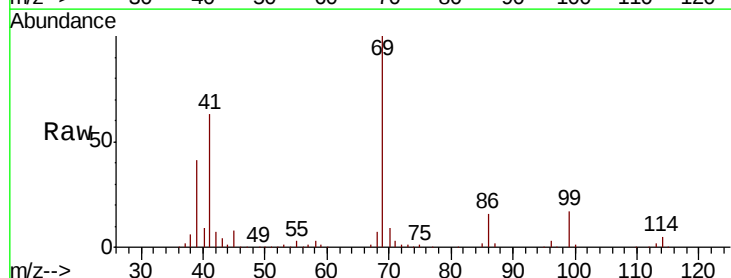
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#56
 Ethyl methacrylate
 Concen: 57.830 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion:	69	Resp:	176011
Ion	Ratio	Lower	Upper
69	100		
41	62.4	46.6	70.0
39	40.0	31.0	46.4





#57

1,3-Dichloropropane

Concen: 53.010 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 208091

Ion Ratio Lower Upper

76 100

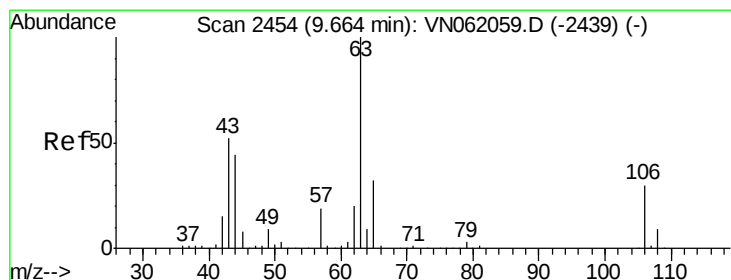
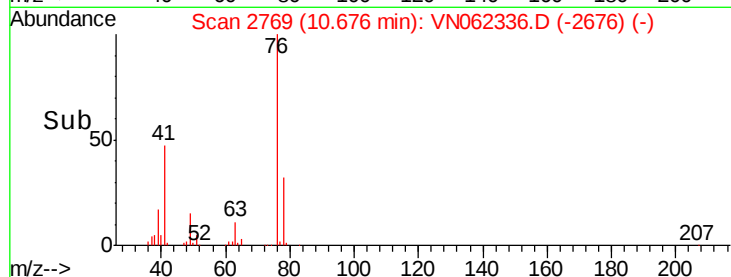
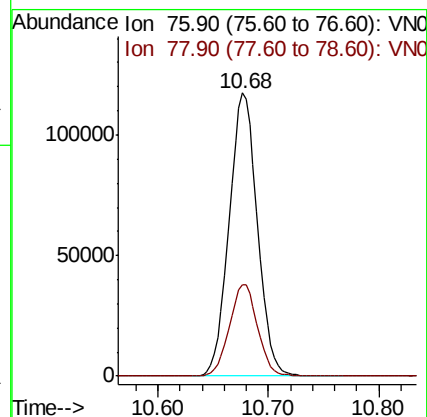
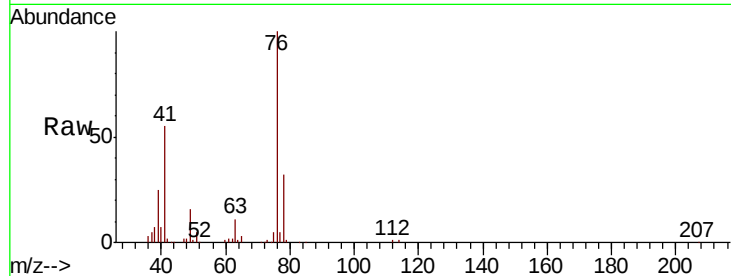
78 32.4 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 238.517 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062336.D

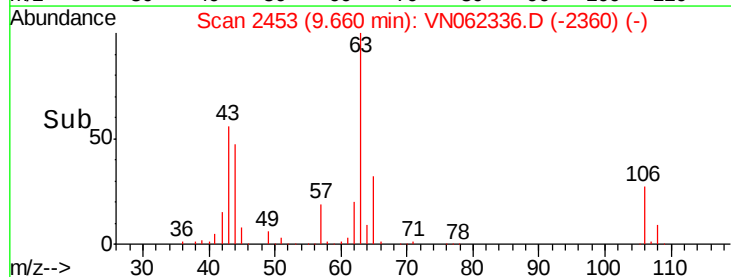
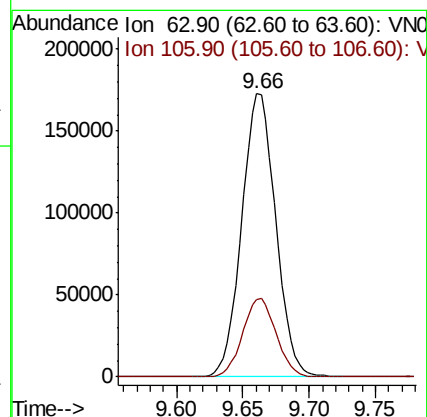
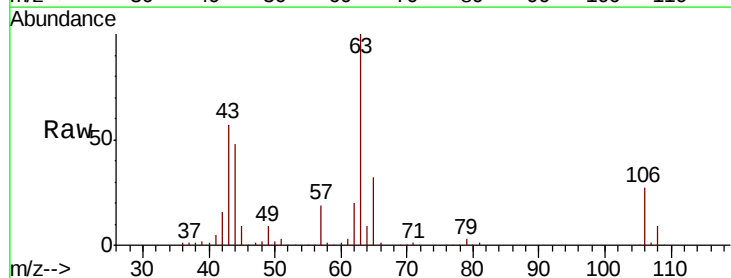
Acq: 2 Jul 2020 16:21

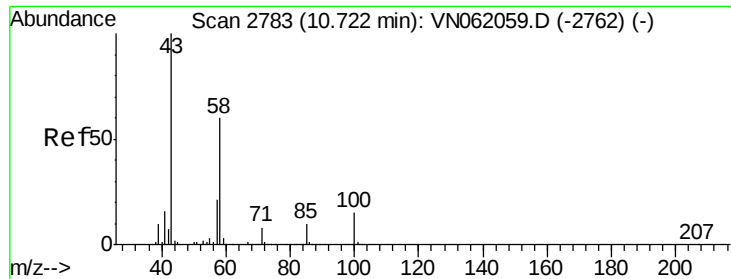
Tgt Ion: 63 Resp: 308052

Ion Ratio Lower Upper

63 100

106 27.4 23.2 34.8





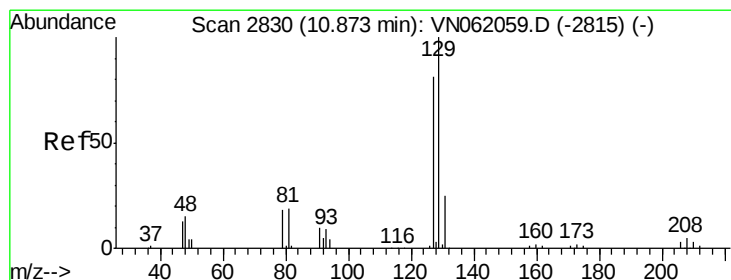
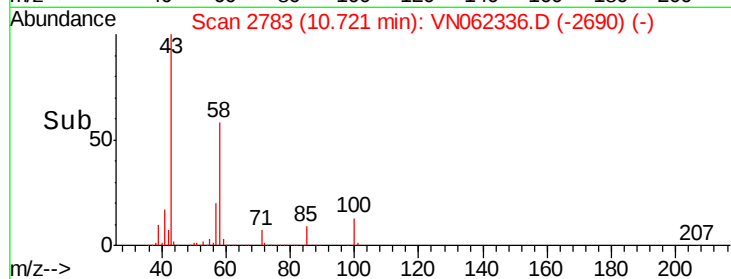
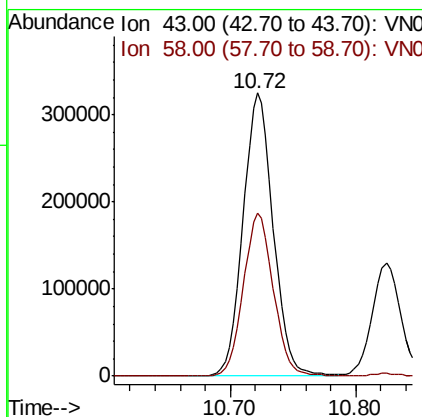
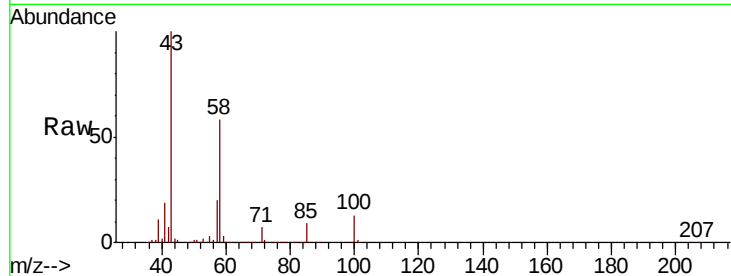
#59
2-Hexanone
Concen: 304.901 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	541706
Ion Ratio	100	Lower	Upper
43	100		
58	57.5	29.5	88.5

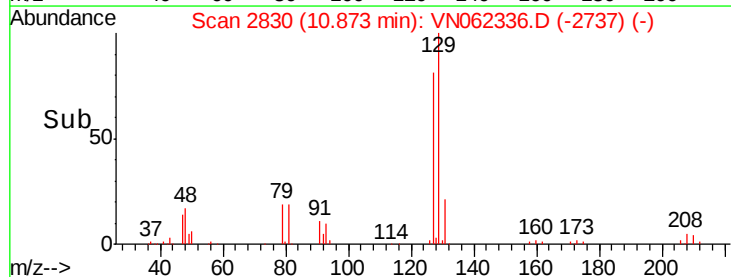
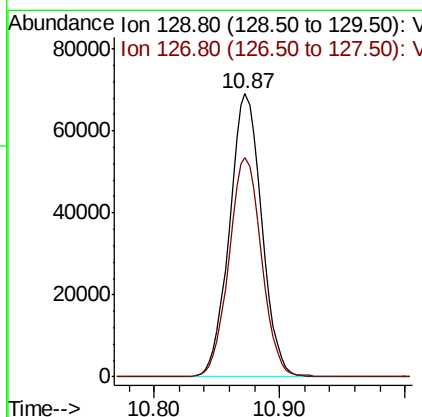
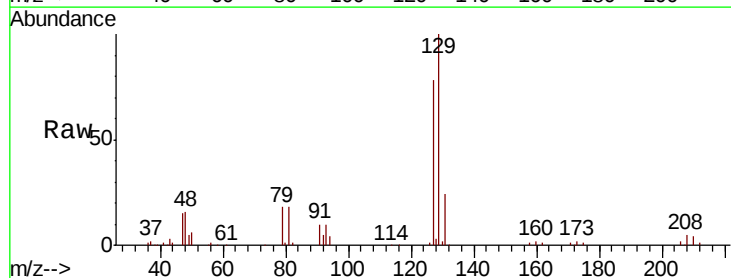
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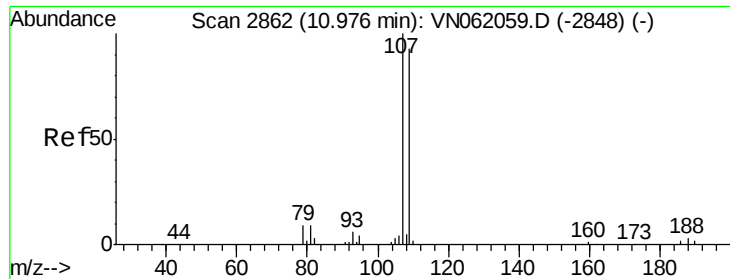
sam
7/6/2020 11:33:58 AM



#60
Dibromochloromethane
Concen: 50.998 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	129	Resp	123136
Ion Ratio	100	Lower	Upper
129	100		
127	78.4	39.5	118.5





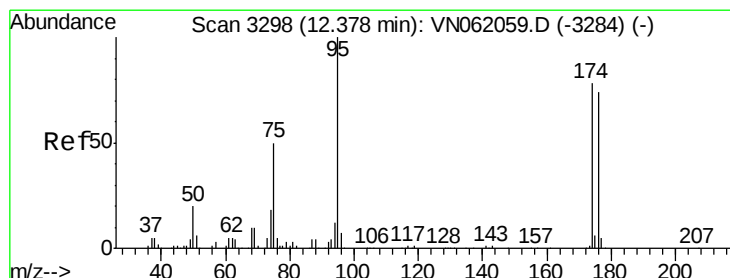
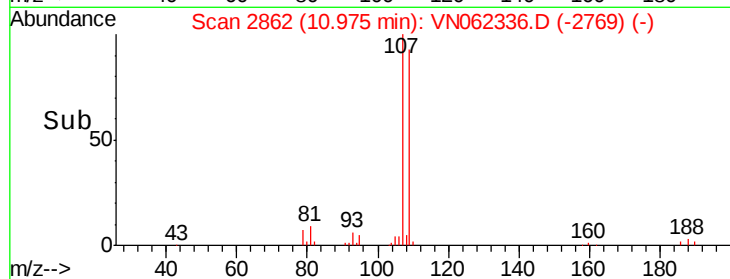
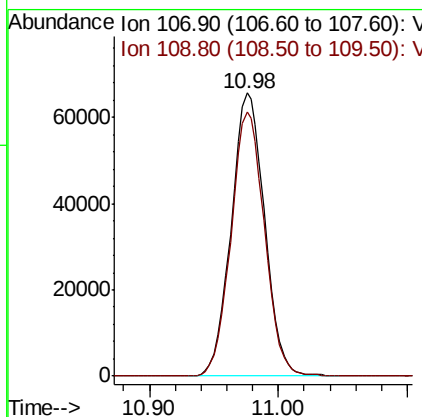
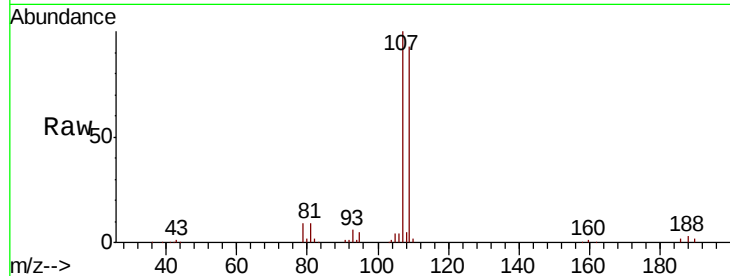
#61
 1,2-Dibromoethane
 Concen: 50.265 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.0	112.6

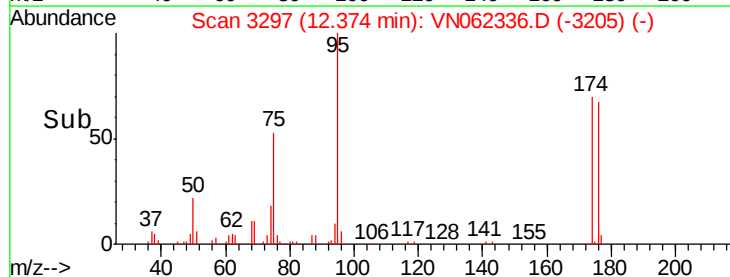
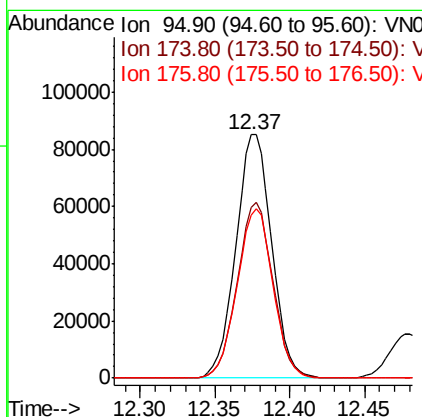
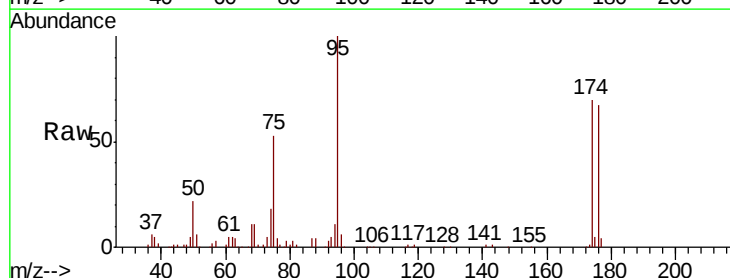
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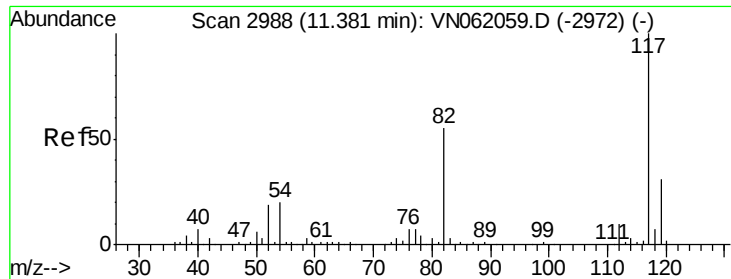
sam
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#62
 4-Bromofluorobenzene
 Concen: 52.785 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	154.8
176	69.7	0.0	147.4





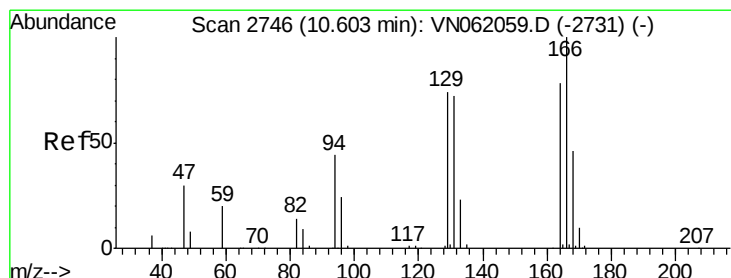
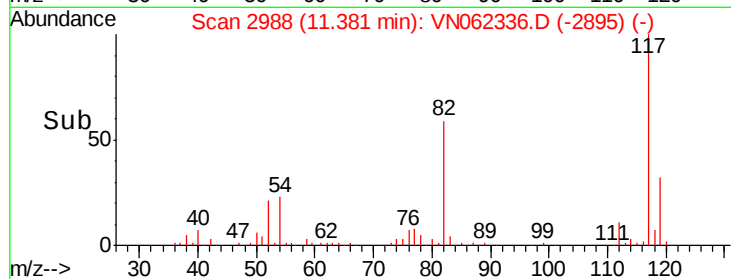
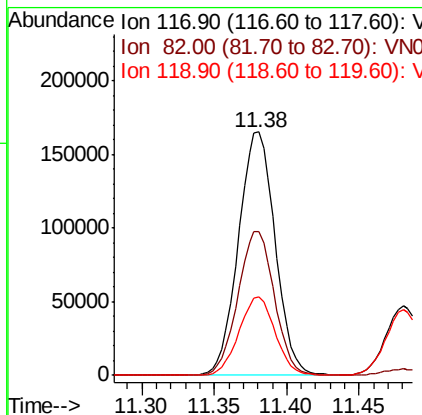
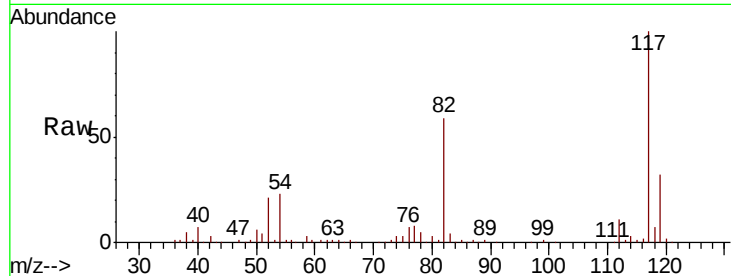
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	43.8	65.8
119	32.0	25.2	37.8

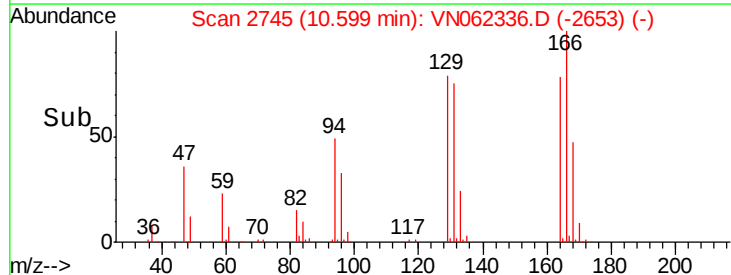
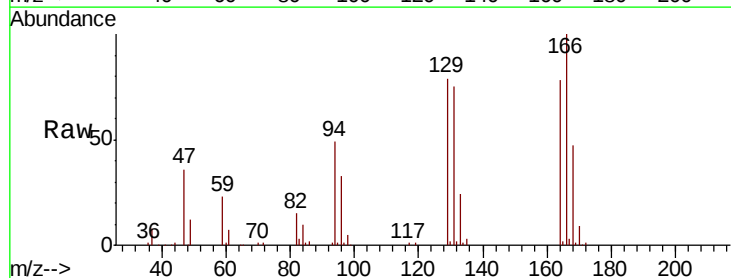
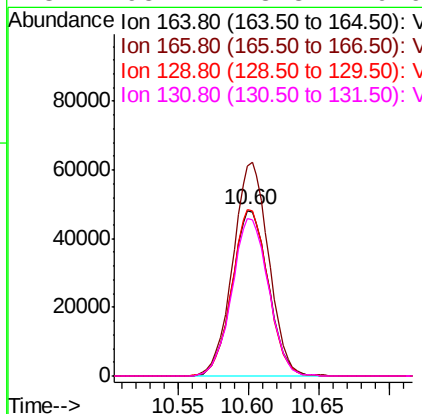
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#64
Tetrachloroethene
Concen: 43.484 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.9	154.3
129	100.8	75.8	113.8
131	95.2	73.8	110.6





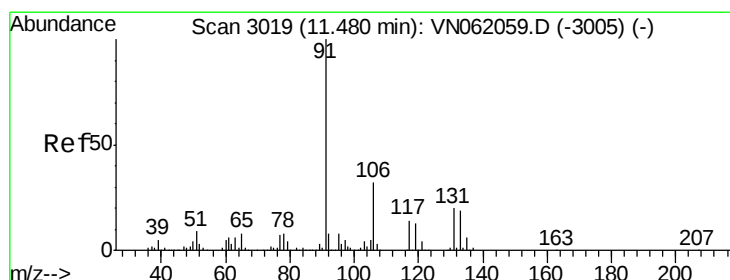
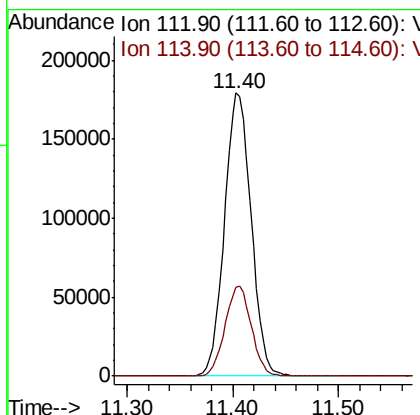
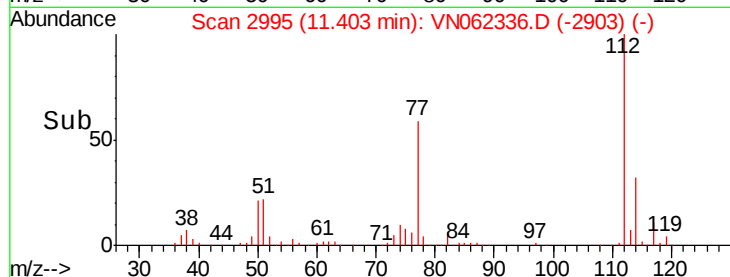
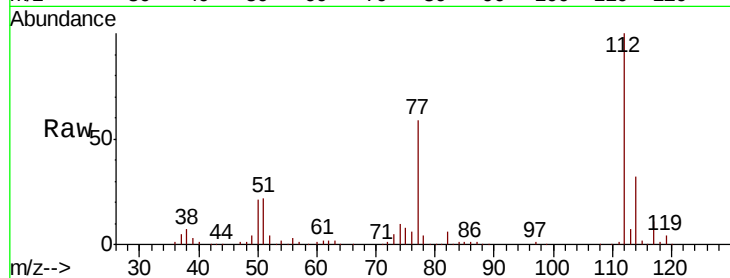
#65
Chlorobenzene
Concen: 48.894 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 312918
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8

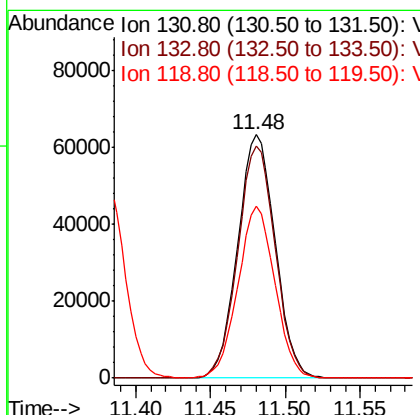
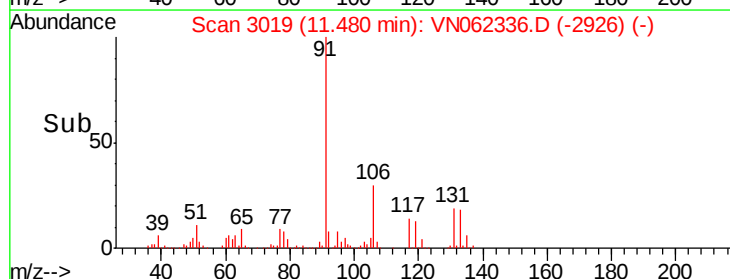
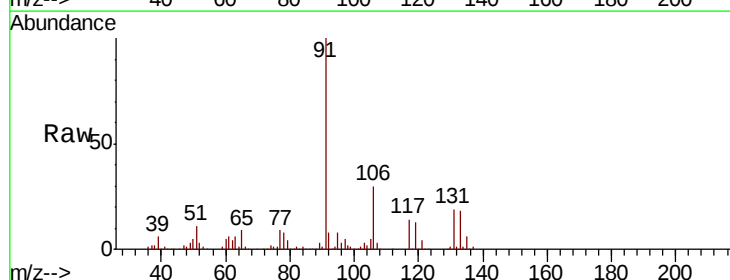
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.785 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:131 Resp: 110177
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 69.7 34.4 103.3





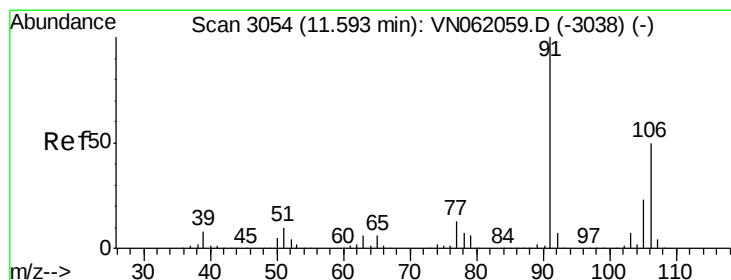
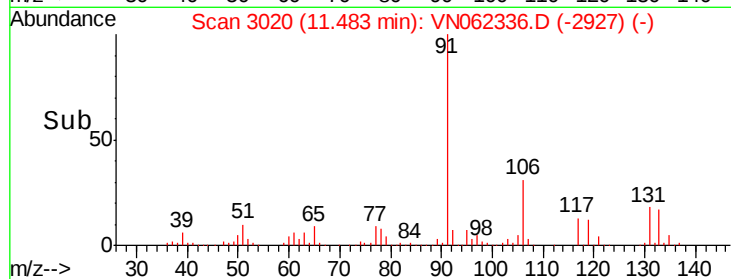
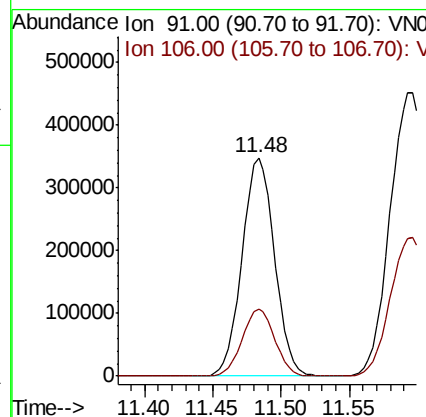
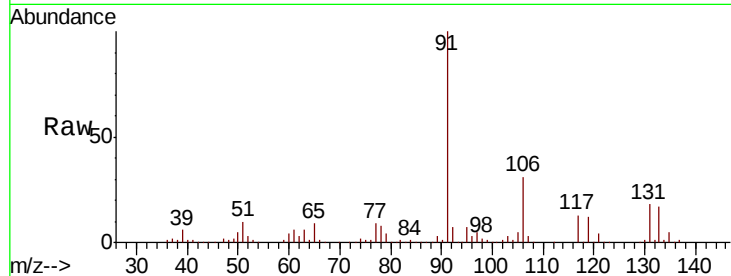
#67
Ethyl Benzene
Concen: 53.267 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 575756
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9

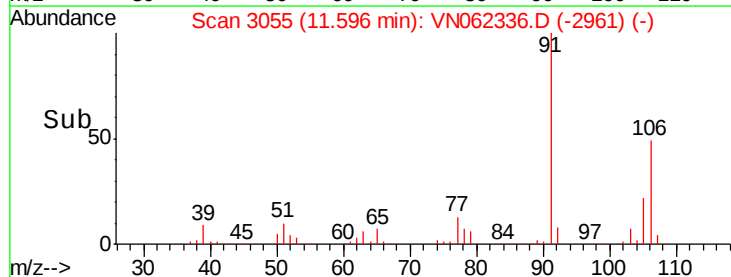
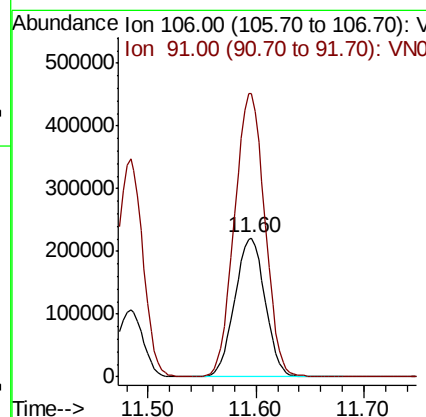
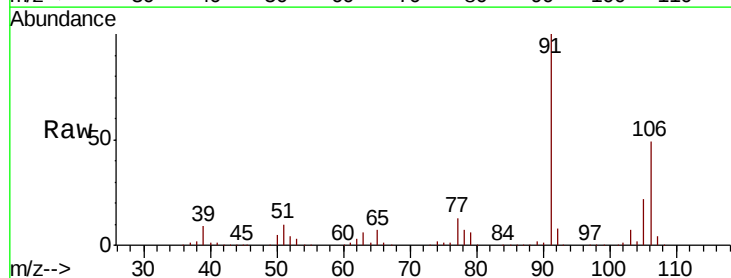
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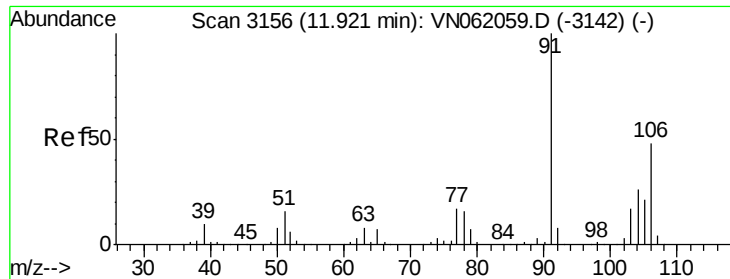
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#68
m/p-Xylenes
Concen: 103.712 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 106 Resp: 433582
Ion Ratio Lower Upper
106 100
91 204.0 157.8 236.8





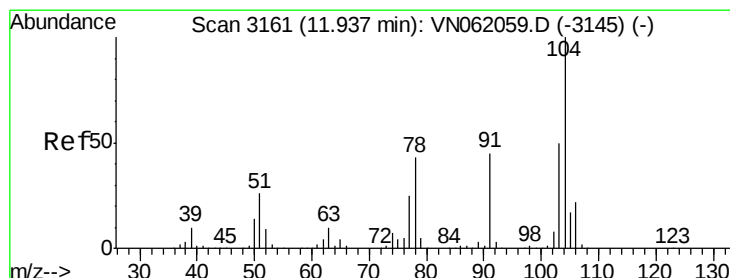
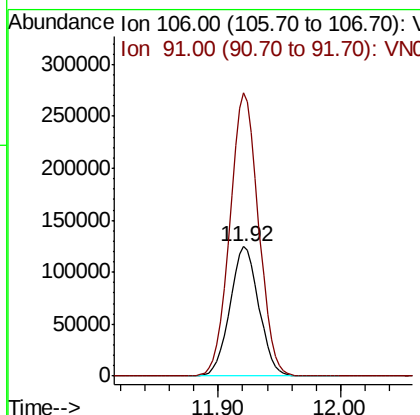
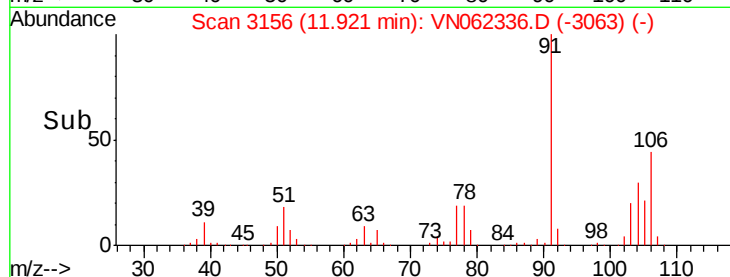
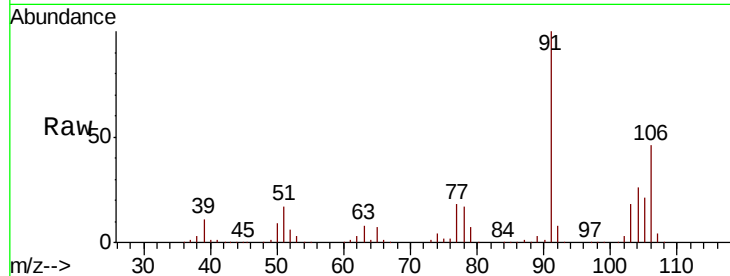
#69
o-Xylene
Concen: 52.108 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 205540
Ion Ratio Lower Upper
106 100
91 217.0 104.0 311.9

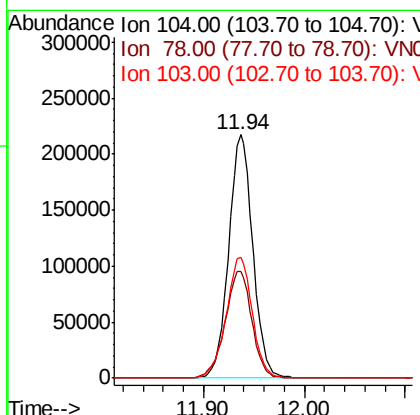
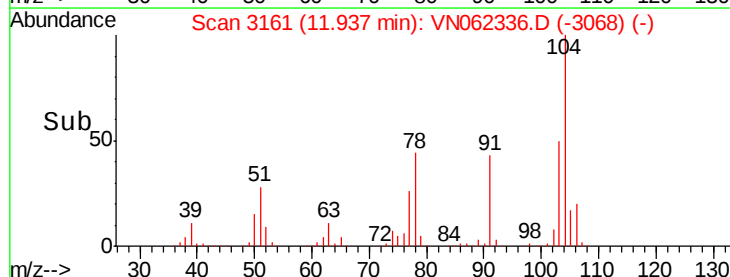
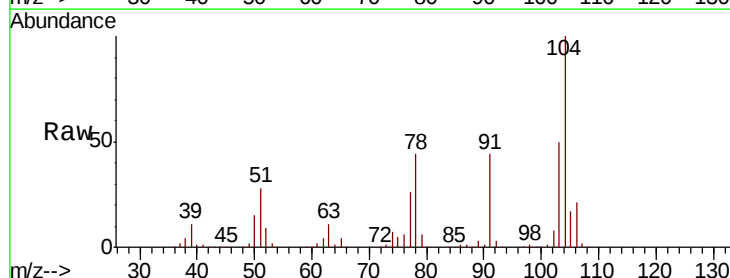
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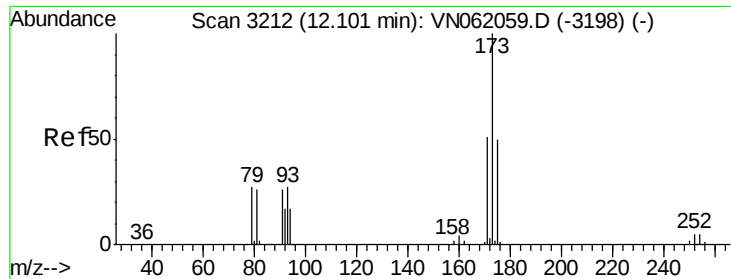
sam
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#70
Styrene
Concen: 55.073 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:104 Resp: 362294
Ion Ratio Lower Upper
104 100
78 48.7 37.7 56.5
103 54.0 43.0 64.6





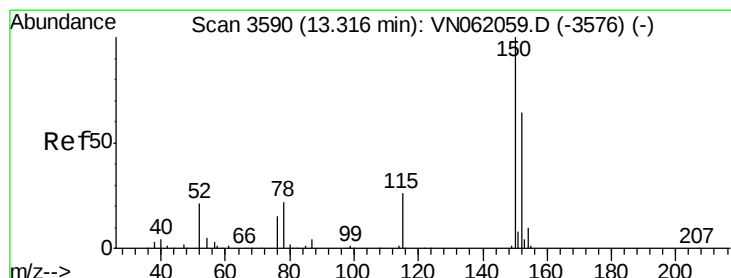
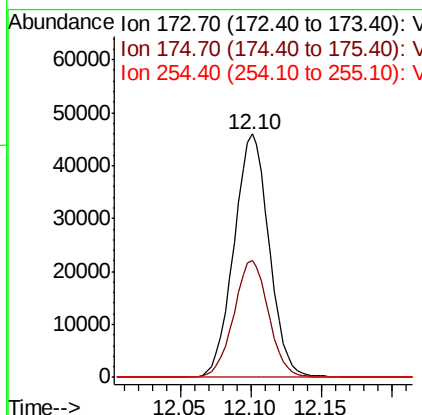
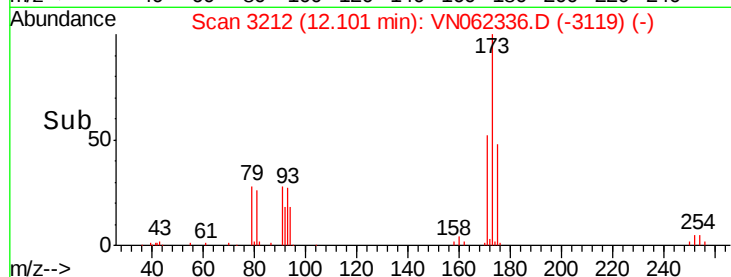
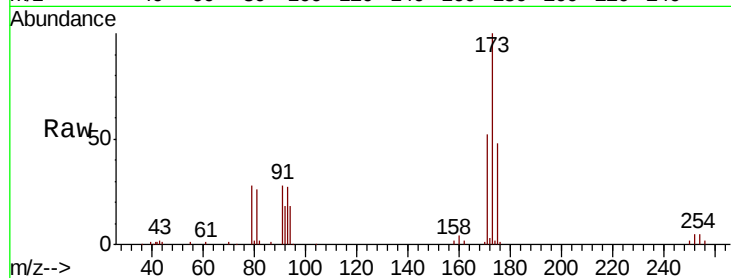
#71
Bromoform
Concen: 50.954 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.7	74.1
254	0.0	0.0	0.0

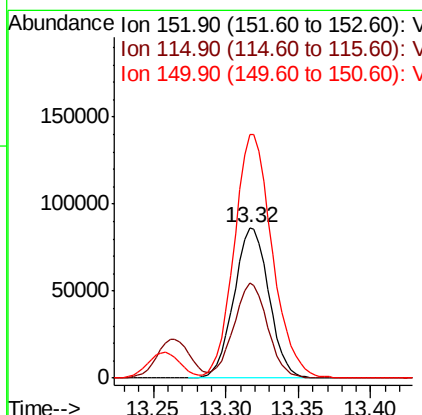
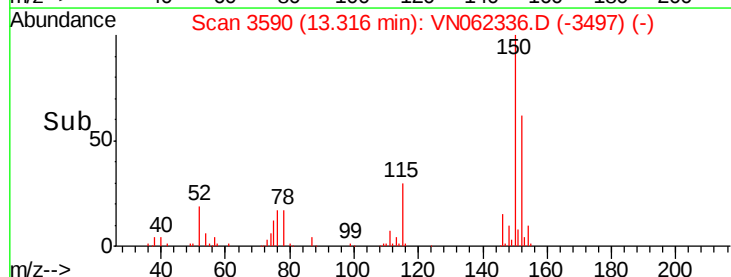
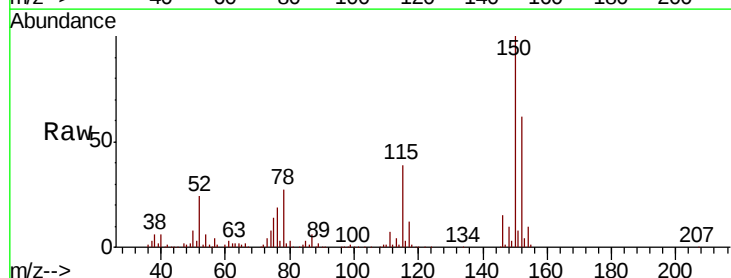
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.5	88.5
150	176.6	0.0	351.4





#73

Isopropylbenzene

Concen: 50.377 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 564039

Ion Ratio Lower Upper

105 100

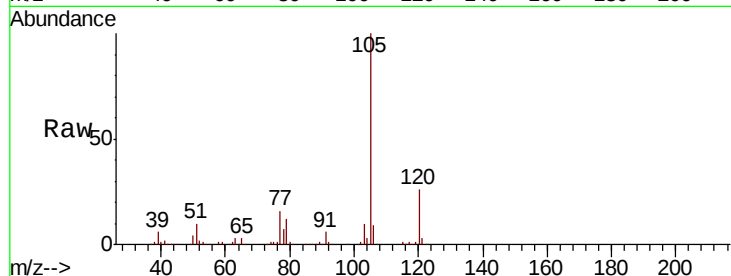
120 25.7 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

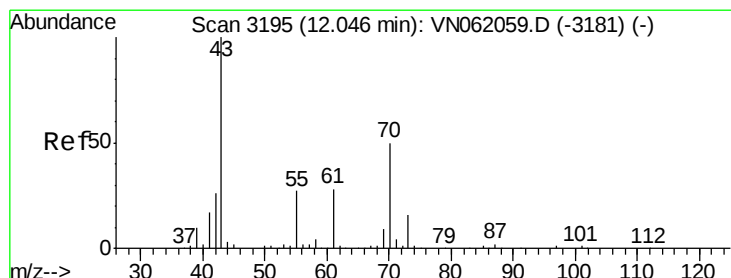
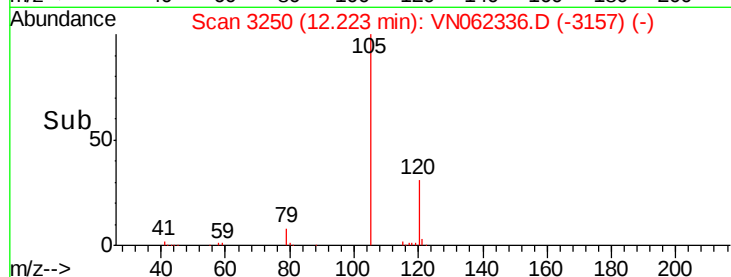
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.012 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion: 43 Resp: 210550

Ion Ratio Lower Upper

43 100

70 47.1 39.4 59.2

55 27.3 21.7 32.5

61 26.2 21.3 31.9

Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.04

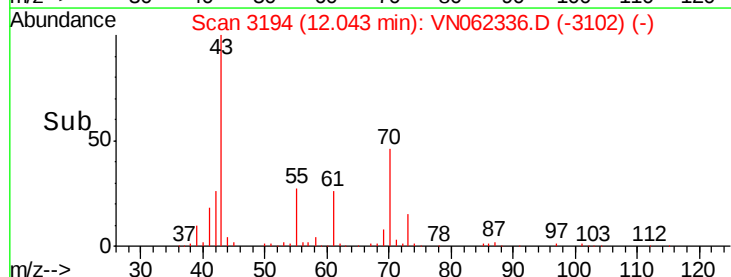
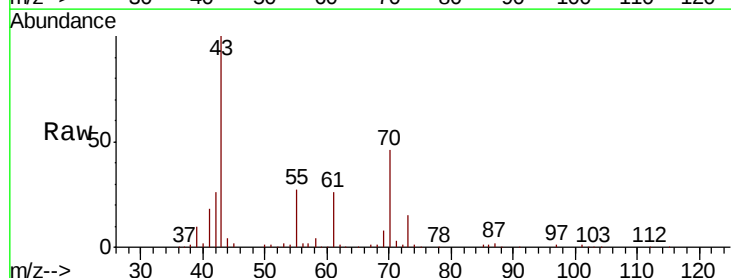
150000

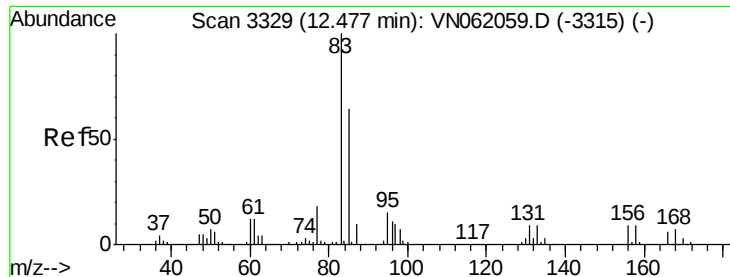
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.078 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

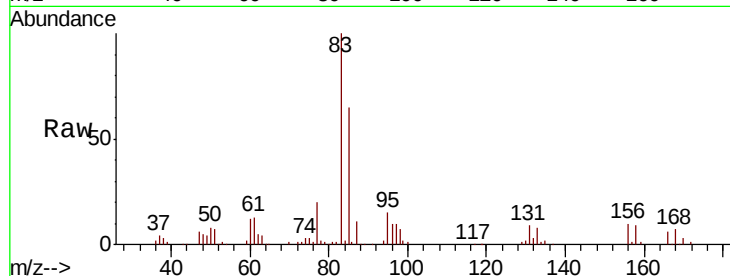
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	179134
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.4
85	64.2	32.4	97.0

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Abundance Ion 82.90 (82.60 to 83.60): VN062336.D (-3236) (-)

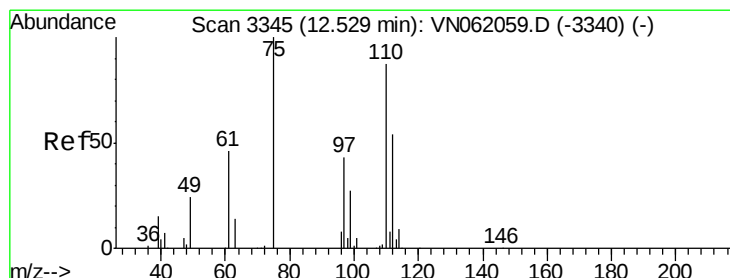
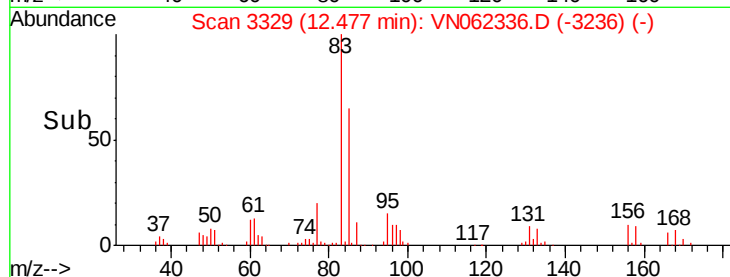
12.48

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 48.105 ug/l m

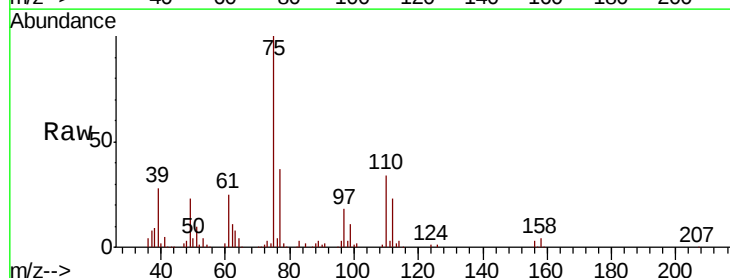
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion:	75	Resp:	163796
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062336.D (-3252) (-)

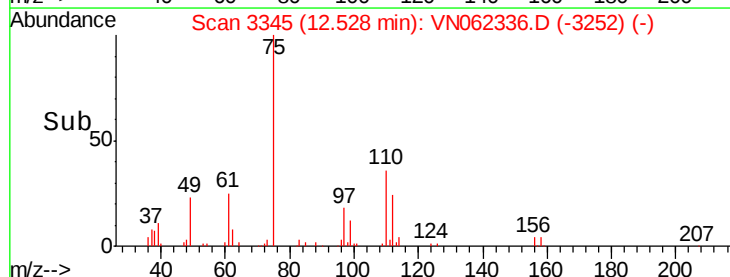
150000

100000

50000

0

Time--> 12.50 12.55





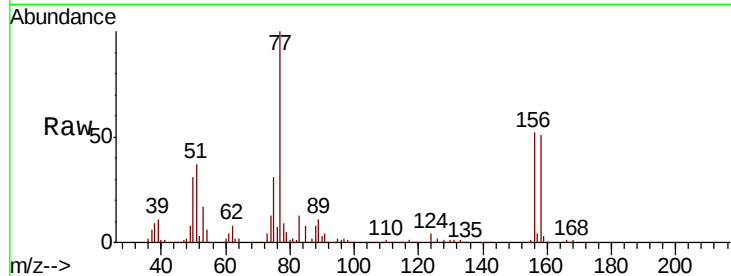
#77
Bromobenzene
Concen: 45.353 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

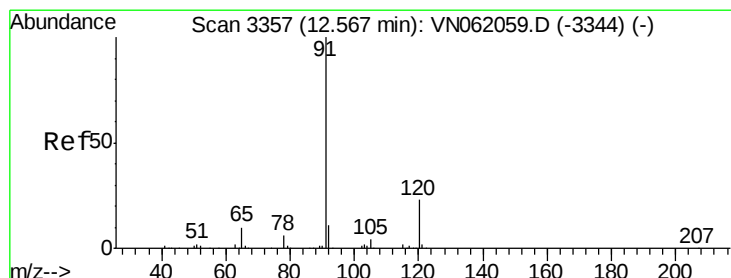
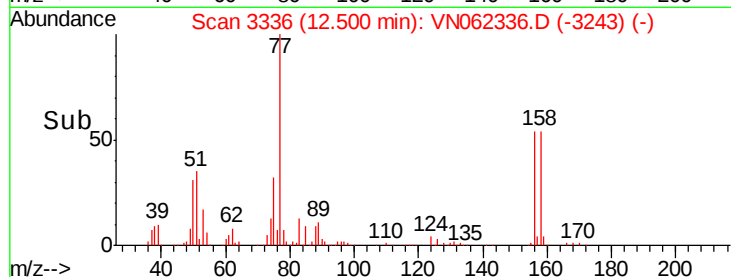
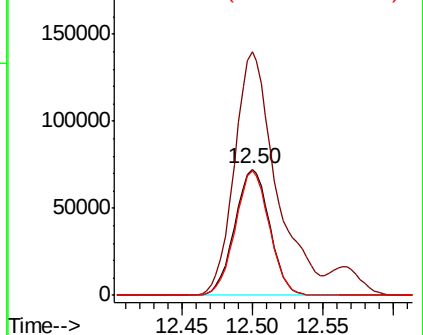
Tot Ion	Ratio	Lower	Upper
156	100		
77	230.7	104.6	313.8
158	96.4	48.0	144.0

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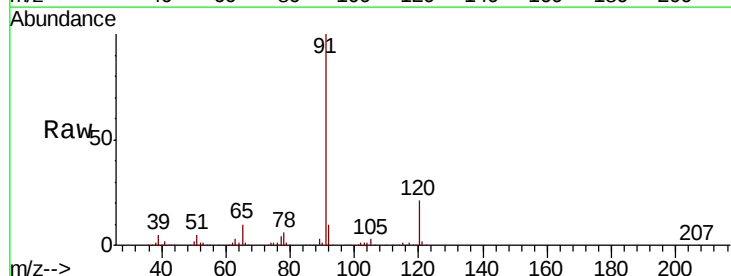


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

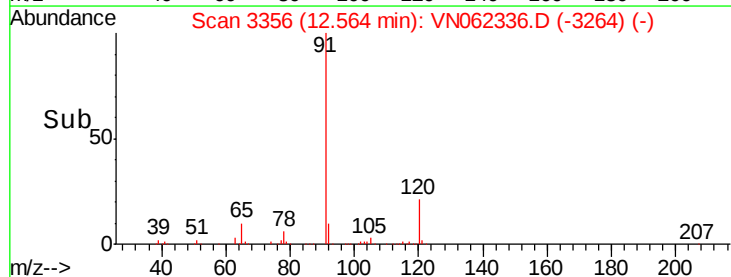
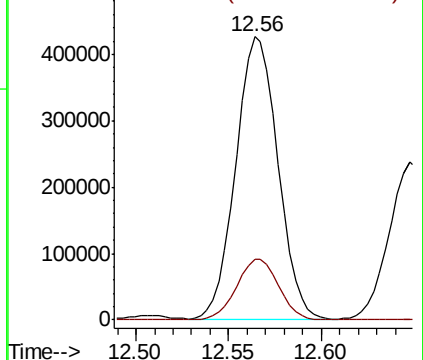


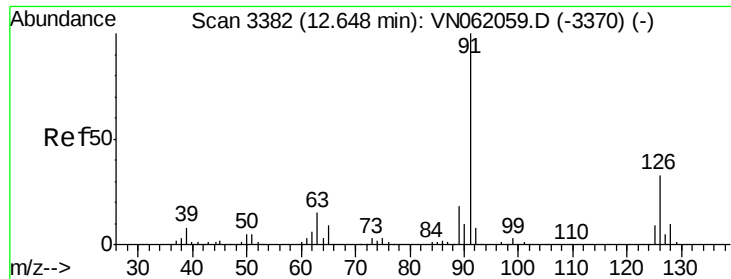
#78
n-propylbenzene
Concen: 52.440 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.149 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 388279

Ion Ratio Lower Upper

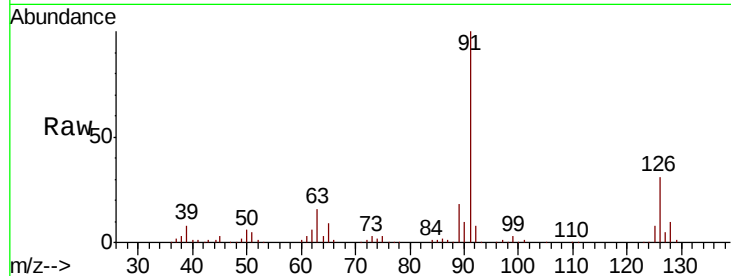
91 100

126 31.7 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

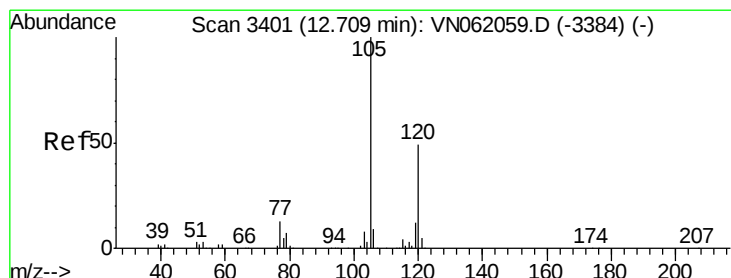
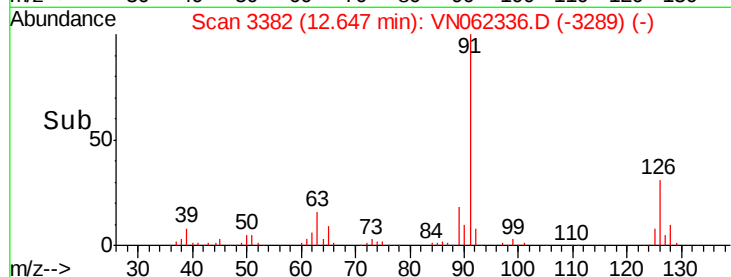
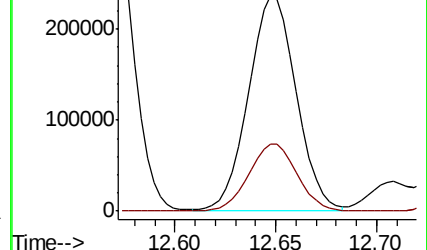
300000

200000

100000

0

12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 52.196 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062336.D

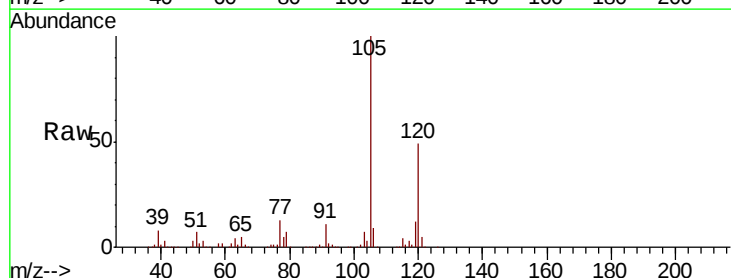
Acq: 2 Jul 2020 16:21

Tgt Ion: 105 Resp: 473751

Ion Ratio Lower Upper

105 100

120 48.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)

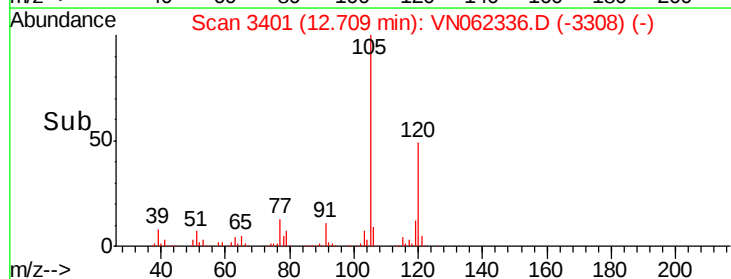
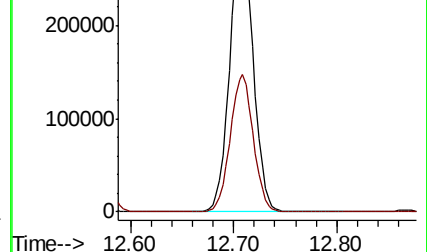
300000

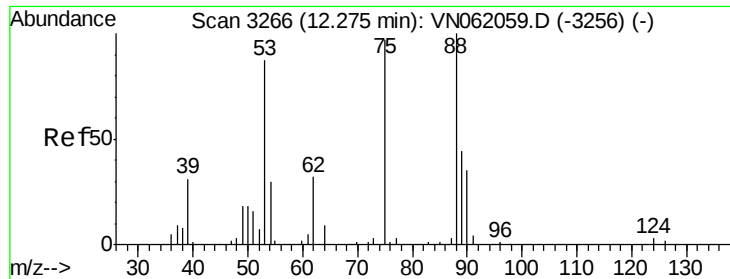
200000

100000

0

12.60 12.70 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 53.281 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

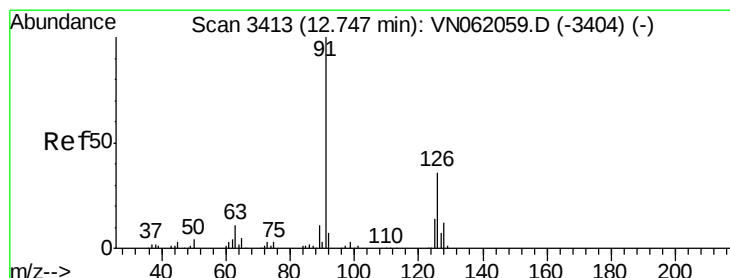
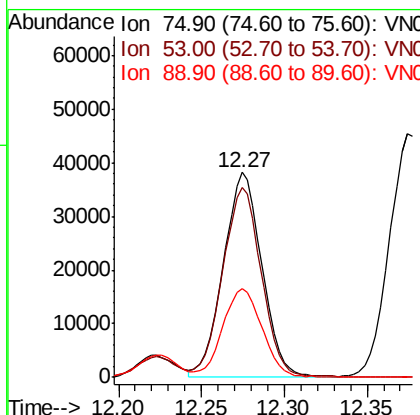
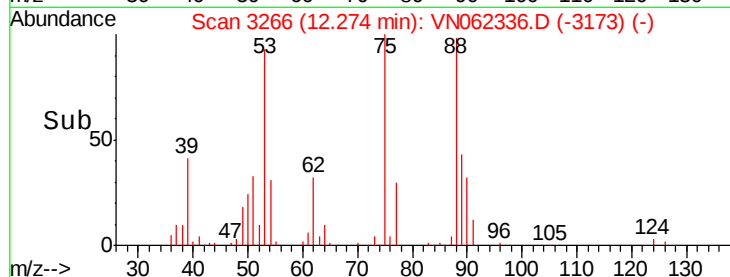
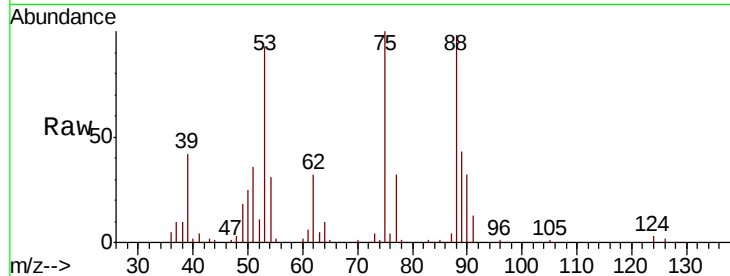
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	62123
Ion Ratio	Lower	Upper	
75	100		
53	93.3	72.0	108.0
89	43.7	36.9	55.3

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#82

4-Chlorotoluene

Concen: 51.799 ug/l

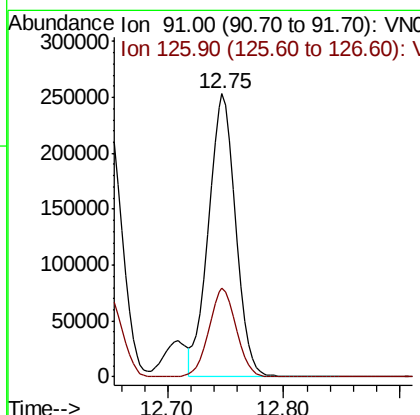
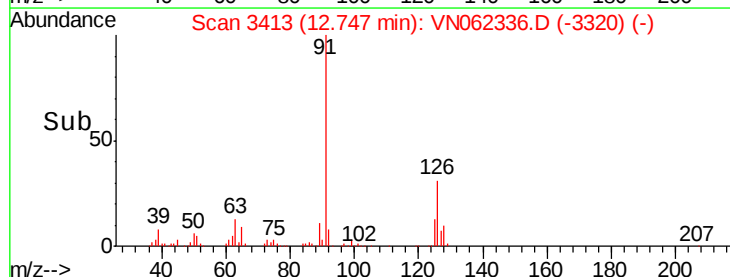
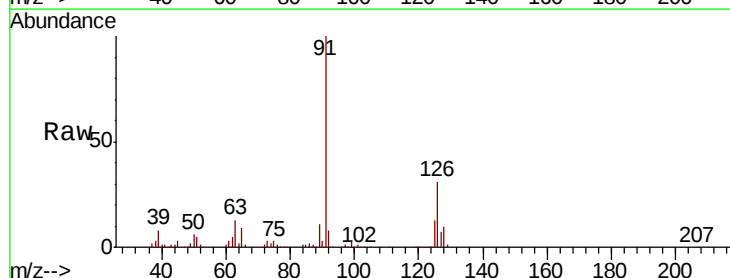
RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion:	91	Resp:	414731
Ion Ratio	Lower	Upper	
91	100		
126	31.5	16.7	50.1





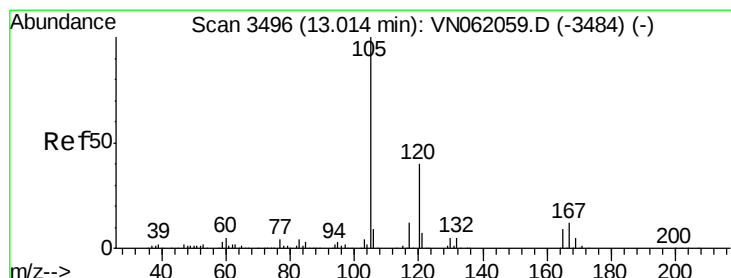
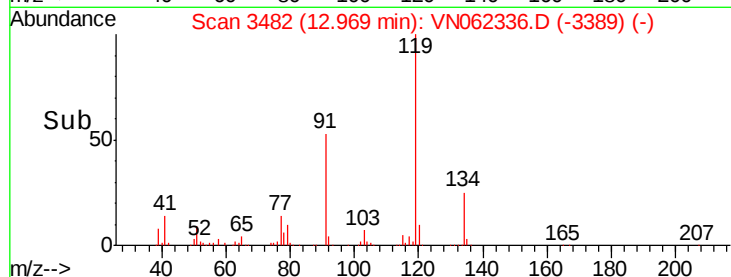
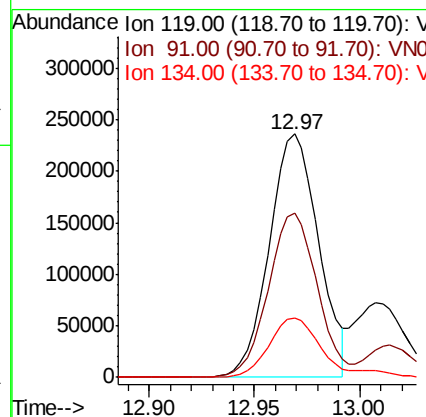
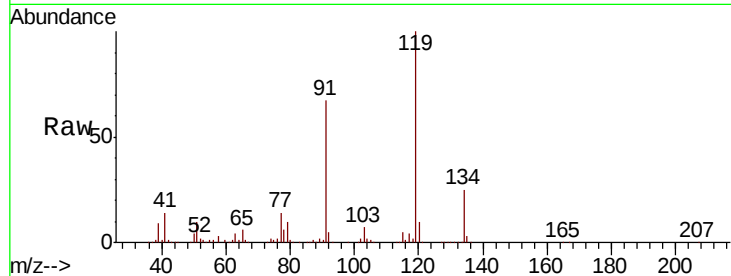
#83
tert-Butylbenzene
Concen: 49.414 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.4	31.7	95.1
134	24.9	13.1	39.1

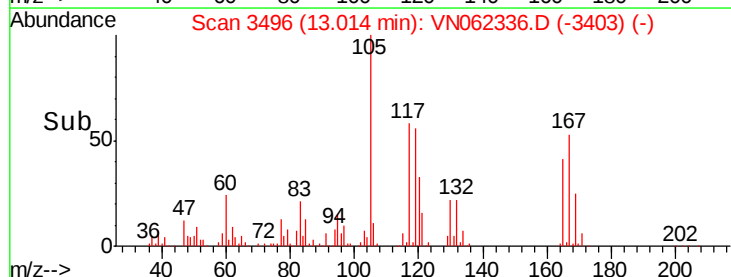
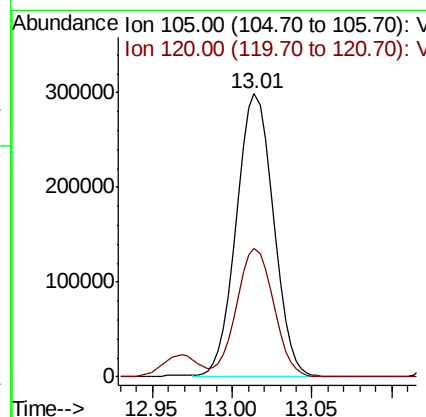
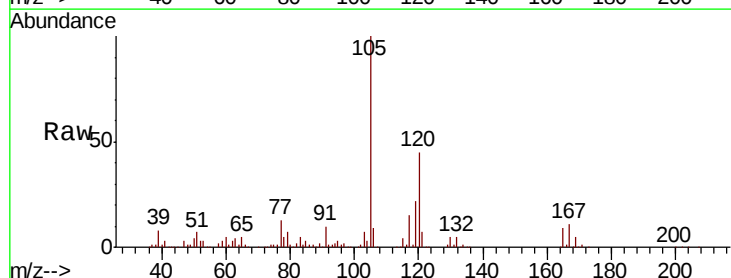
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#84
1,2,4-Trimethylbenzene
Concen: 51.939 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.2	69.5





#85

sec-Butylbenzene

Concen: 53.176 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 545793

Ion Ratio Lower Upper

105 100

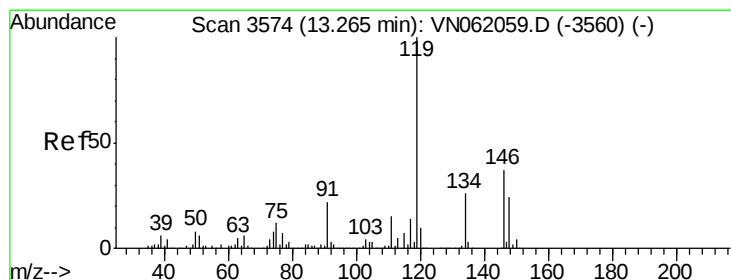
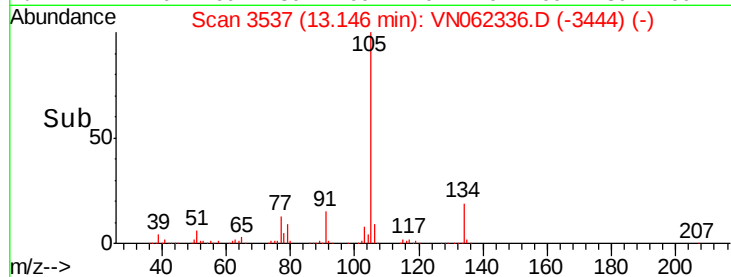
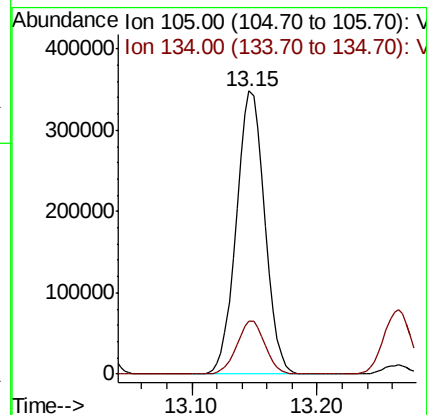
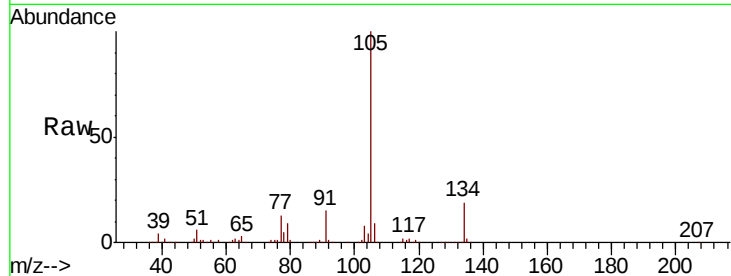
134 18.7 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 53.832 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

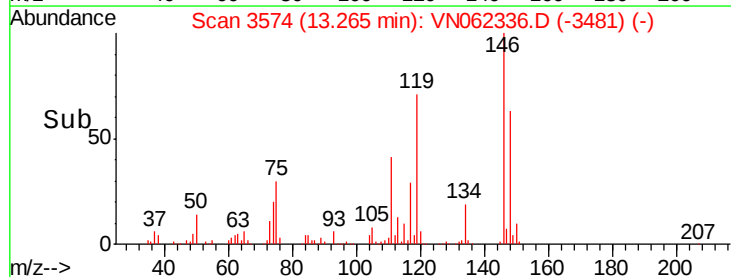
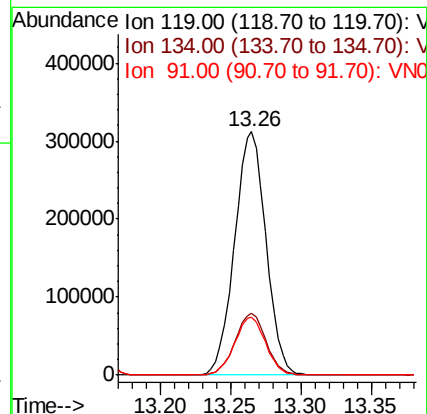
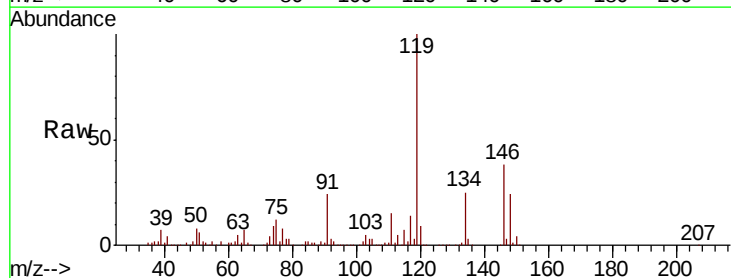
Tgt Ion:119 Resp: 484087

Ion Ratio Lower Upper

119 100

134 25.3 13.0 39.0

91 23.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.691 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

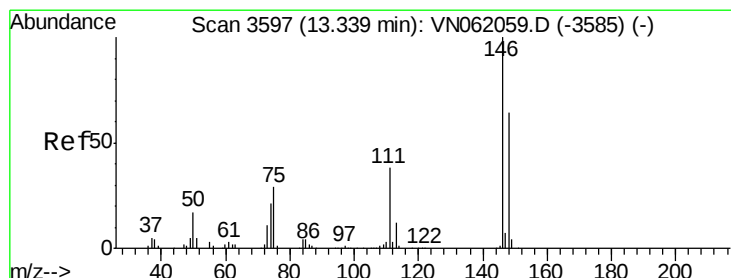
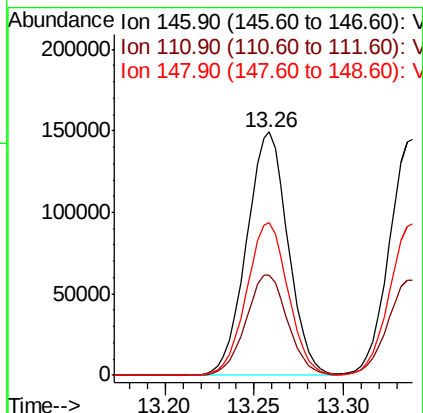
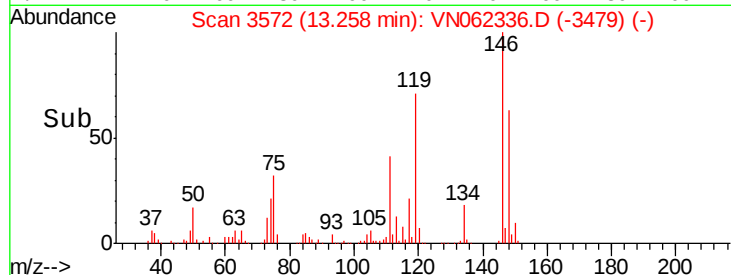
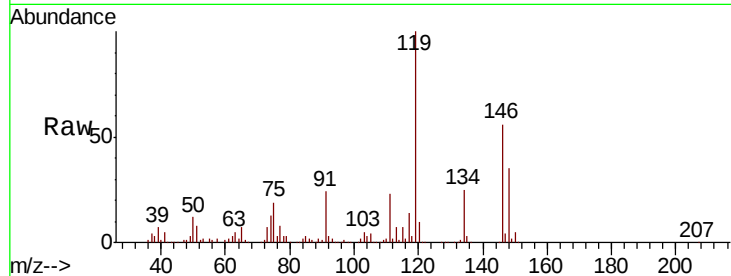
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	242548
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.3	61.0
148	62.9	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 47.419 ug/l

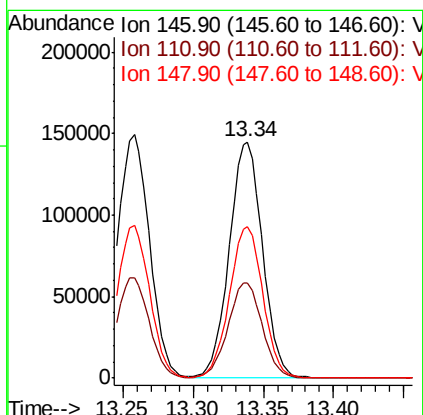
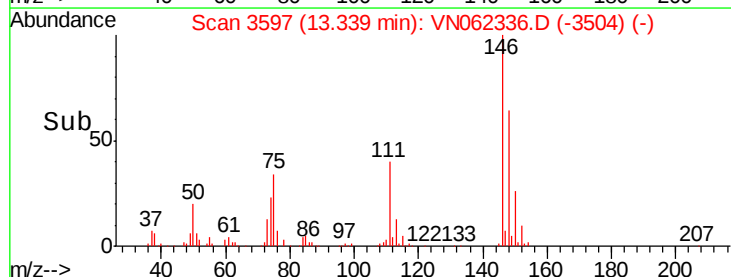
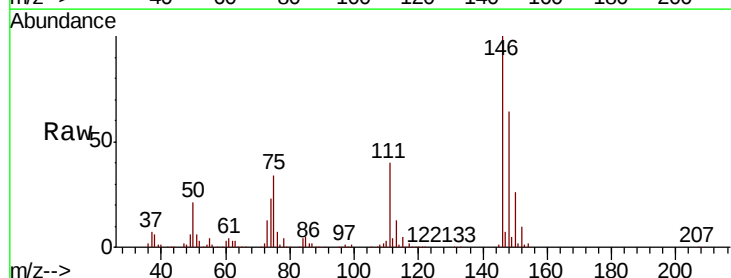
RT: 13.34 min Scan# 3597

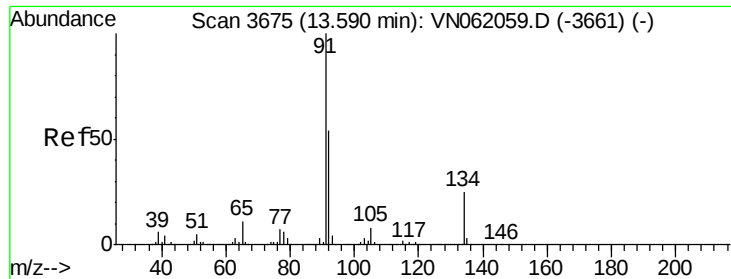
Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion:	146	Resp:	238591
Ion Ratio	Lower	Upper	
146	100		
111	41.3	19.9	59.6
148	64.4	31.9	95.9





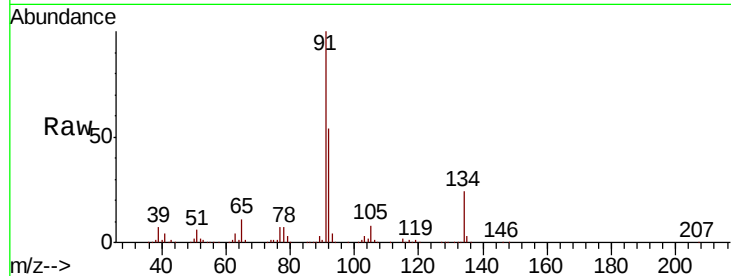
#89
n-Butylbenzene
Concen: 56.784 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

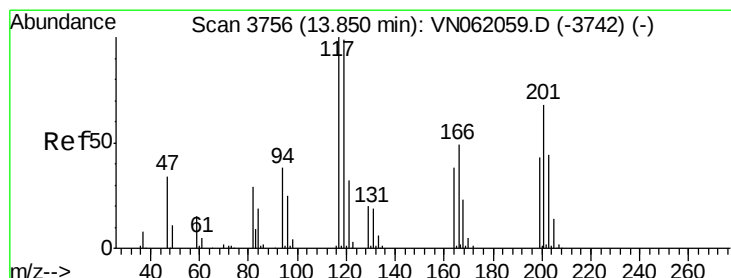
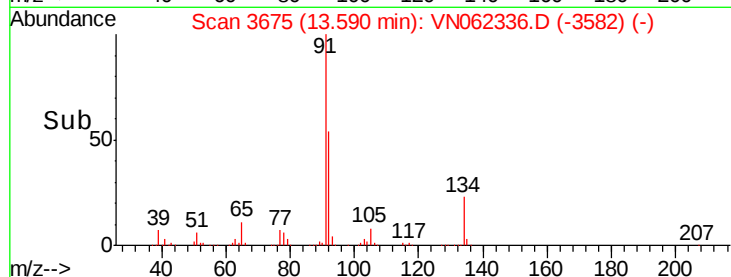
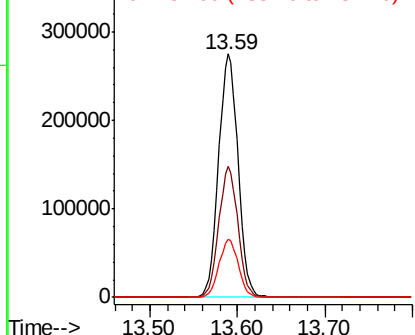
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.7
134	23.7	12.3	36.9

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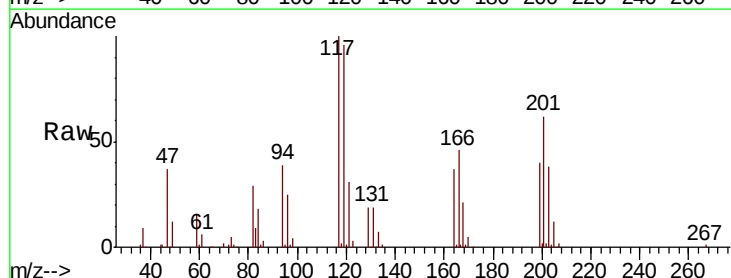


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)
Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)
Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)

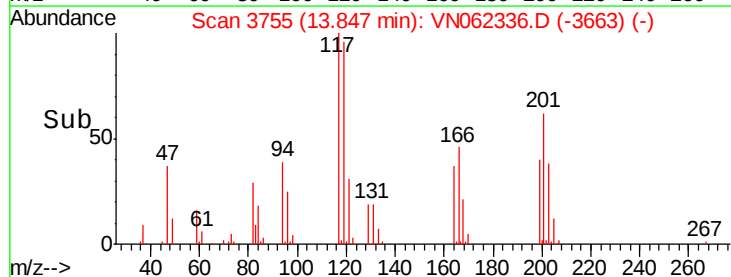
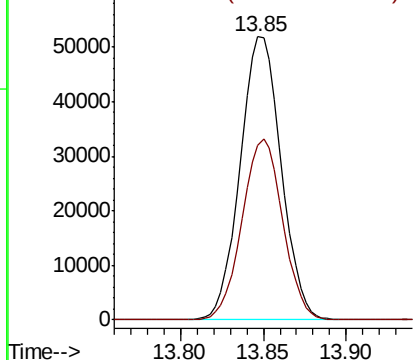


#90
Hexachloroethane
Concen: 50.514 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.2	32.7	98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)
Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)





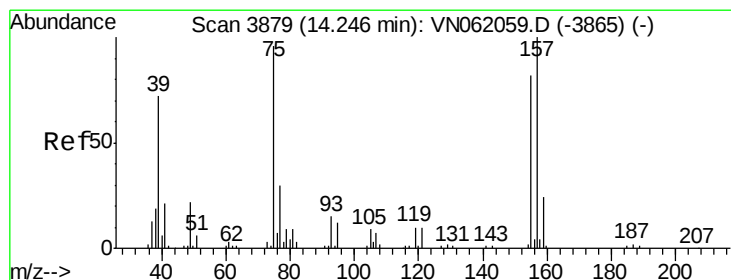
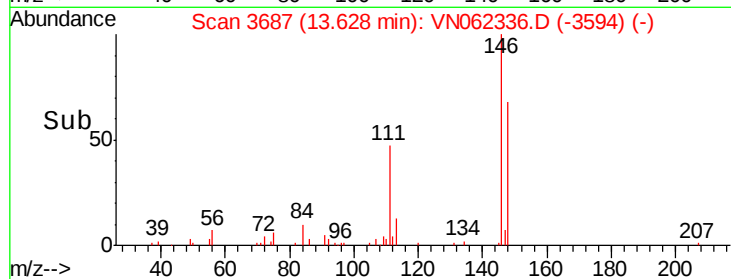
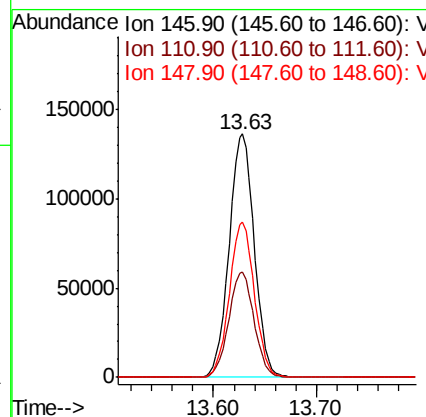
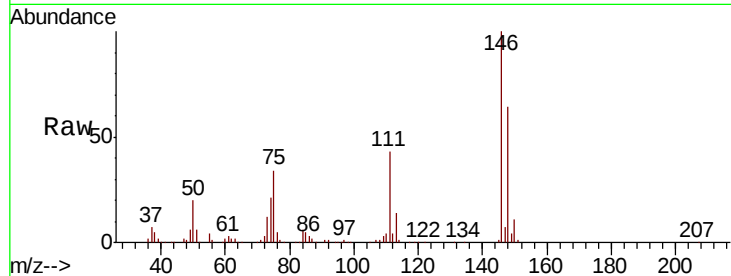
#91
 1,2-Dichlorobenzene
 Concen: 48.964 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.2	63.6
148	63.4	31.9	95.5

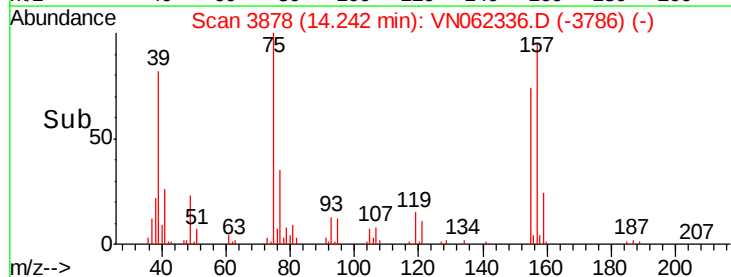
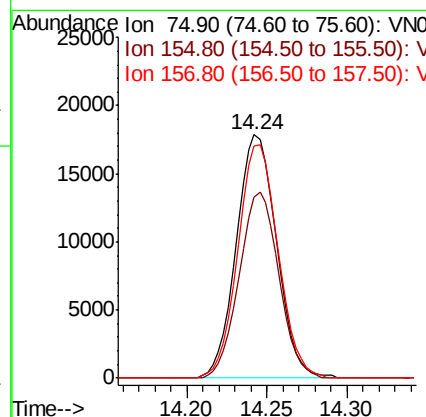
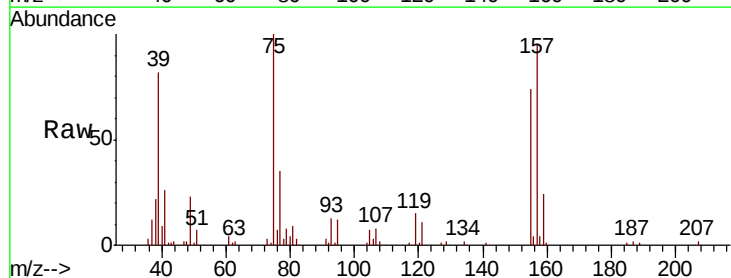
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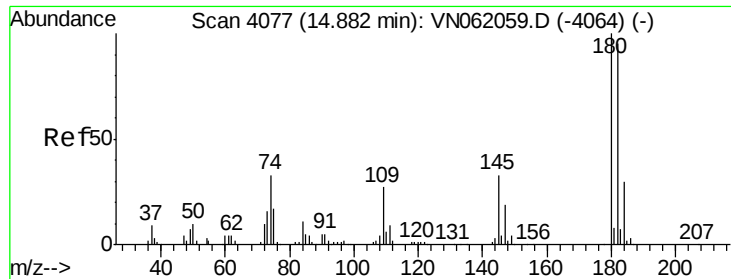
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.215 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.2	40.8	122.4
157	95.6	51.4	154.3





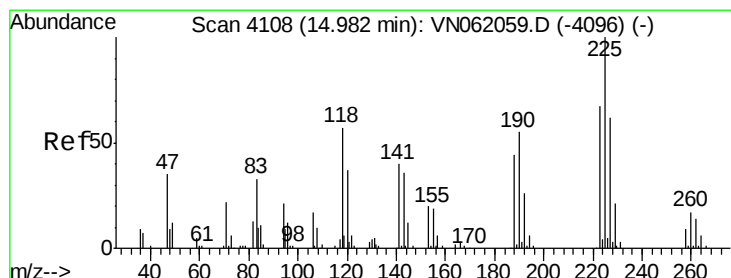
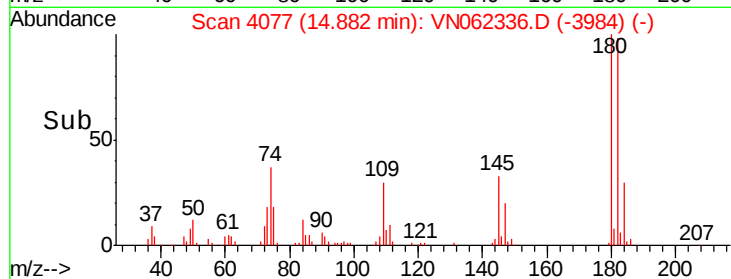
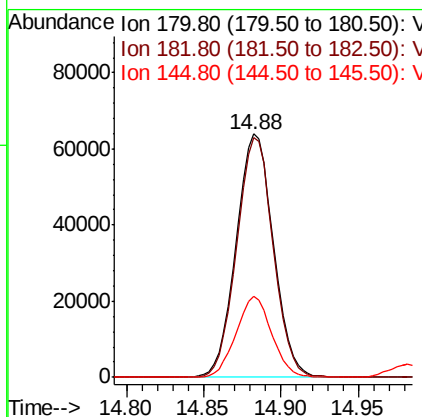
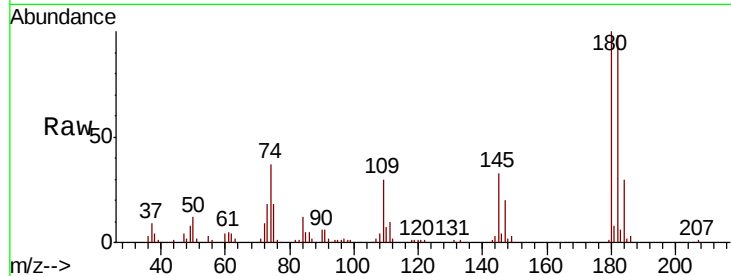
#93
 1,2,4-Trichlorobenzene
 Concen: 51.760 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107028		
182	96.4	48.0	144.2	
145	32.0	16.0	48.0	

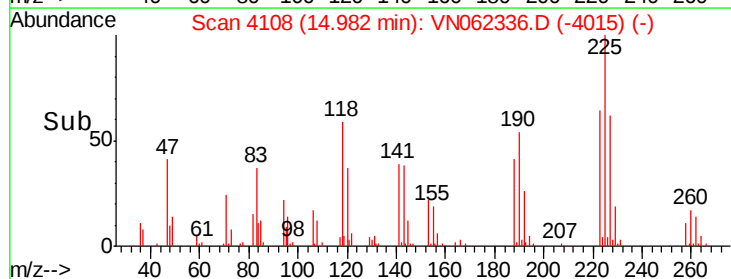
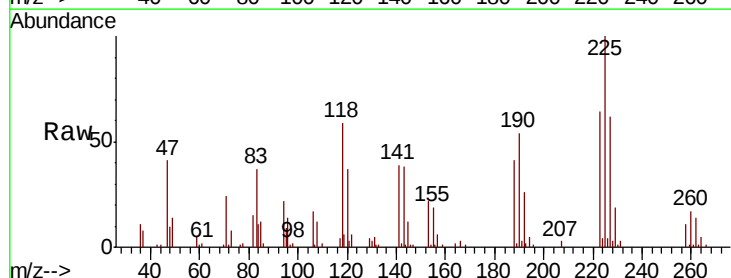
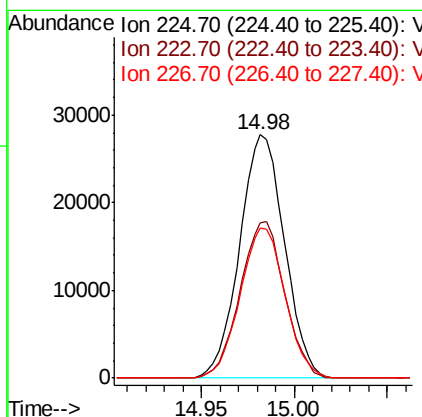
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#94
 Hexachlorobutadiene
 Concen: 51.804 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46525		
223	63.8	32.9	98.7	
227	62.0	31.3	93.8	





#95

Naphthalene

Concen: 45.390 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

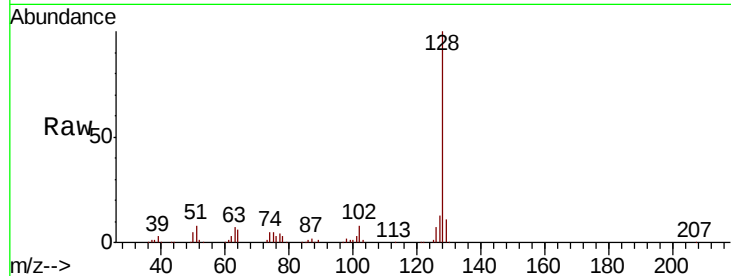
ClientSampleId :

VSTDCCC050

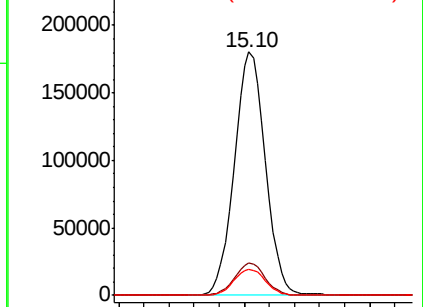
Tot Ion:	128	Resp:	310174
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.9	8.6	13.0

Manual Integrations
APPROVED

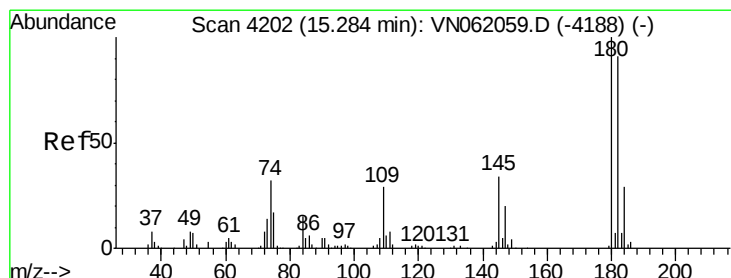
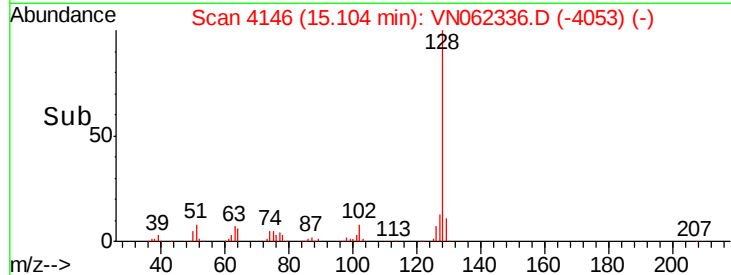
sam
7/6/2020 11:33:58 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time--> 15.00 15.10 15.20



#96

1,2,3-Trichlorobenzene

Concen: 51.439 ug/l

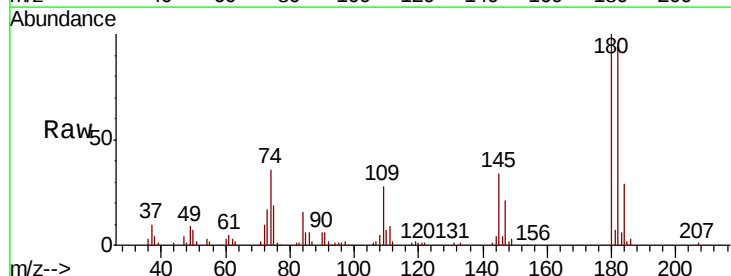
RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

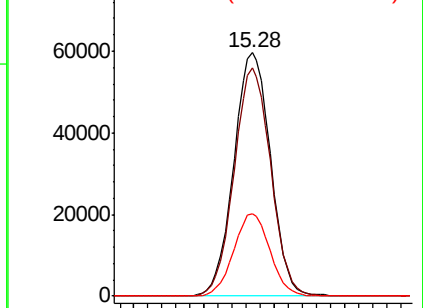
Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion:	180	Resp:	108758
Ion Ratio	Lower	Upper	
180	100		
182	93.6	46.8	140.4
145	33.4	16.4	49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time--> 15.20 15.25 15.30 15.35

