

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
 Data File : VN059871.D
 Acq On : 27 Jan 2020 14:42
 Operator : JC/MD
 Sample : VN0127MBSD01
 Misc : 5.00µg/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0127MBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 9:24:46 AM

Quant Time: Jan 27 16:04:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	311065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	279756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	115379	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.56	113	94961	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.08	98	362398	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.40	95	130684	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	42087	17.286	ug/l	100
3) Chloromethane	2.04	50	39363	16.979	ug/l	100
4) Vinyl Chloride	2.17	62	48988	18.468	ug/l	97
5) Bromomethane	2.54	94	31419	19.409	ug/l	100
6) Chloroethane	2.68	64	23893	19.039	ug/l	98
7) Trichlorofluoromethane	3.00	101	61676	19.361	ug/l	100
8) Diethyl Ether	3.38	74	22635	20.247	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35516	20.032	ug/l	92
10) Methyl Iodide	3.93	142	52215	18.220	ug/l	97
11) Tert butyl alcohol	4.73	59	36560	96.573	ug/l	97
12) 1,1-Dichloroethene	3.72	96	33001	17.813	ug/l	88
13) Acrolein	3.58	56	19709	73.545	ug/l	98
14) Allyl chloride	4.29	41	50894	20.381	ug/l #	91
15) Acrylonitrile	4.94	53	84945	98.366	ug/l	100
16) Acetone	3.78	43	81141	99.774	ug/l	96
17) Carbon Disulfide	4.03	76	87966	16.668	ug/l	99
18) Methyl Acetate	4.29	43	53529	20.378	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	120576	19.961	ug/l	97
20) Methylene Chloride	4.52	84	40783	19.249	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	36329	18.447	ug/l	89
22) Diisopropyl ether	5.91	45	109282	19.311	ug/l #	93
23) Vinyl Acetate	5.86	43	418560	95.530	ug/l #	93
24) 1,1-Dichloroethane	5.82	63	65396	18.913	ug/l	96
25) 2-Butanone	6.80	43	113377	89.029	ug/l	91
26) 2,2-Dichloropropane	6.79	77	61465	18.490	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	43262	19.099	ug/l	87
28) Bromochloromethane	7.17	49	26493	19.170	ug/l #	74
29) Tetrahydrofuran	7.18	42	73001	92.649	ug/l #	85
30) Chloroform	7.35	83	70359	19.639	ug/l	99
31) Cyclohexane	7.63	56	57925	17.409	ug/l #	84
32) 1,1,1-Trichloroethane	7.54	97	64190	19.378	ug/l	95
36) 1,1-Dichloropropene	7.77	75	49912	18.425	ug/l	95
37) Ethyl Acetate	6.90	43	48414	19.056	ug/l	97
38) Carbon Tetrachloride	7.75	117	56673	19.233	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	59567	17.834	ug/l	91
40) Benzene	8.02	78	151753	18.784	ug/l	100
41) Methacrylonitrile	7.15	41	19071m	15.239	ug/l	
42) 1,2-Dichloroethane	8.10	62	55040	20.094	ug/l	96
43) Isopropyl Acetate	8.14	43	82839	18.956	ug/l #	94
44) Trichloroethene	8.82	130	45017	20.412	ug/l	94
45) 1,2-Dichloropropane	9.10	63	38775	19.396	ug/l	99
46) Dibromomethane	9.19	93	28199	19.997	ug/l	90
47) Bromodichloromethane	9.38	83	56431	19.858	ug/l	99
48) Methyl methacrylate	9.18	41	35374	18.097	ug/l	88
49) 1,4-Dioxane	9.18	88	14673	410.044	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	238451	94.391	ug/l	94
52) Toluene	10.14	92	98576	19.317	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	62392	19.663	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	66472	19.910	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	41249	20.410	ug/l	97
56) Ethyl methacrylate	10.42	69	56944	18.439	ug/l	92
57) 1,3-Dichloropropane	10.70	76	65308	20.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	92352	99.285	ug/l #	89
59) 2-Hexanone	10.74	43	169329	90.985	ug/l	93
60) Dibromochloromethane	10.89	129	46695	20.289	ug/l	99
61) 1,2-Dibromoethane	10.99	107	42952	20.276	ug/l	98
64) Tetrachloroethene	10.62	164	47112	20.663	ug/l	96
65) Chlorobenzene	11.43	112	108560	19.743	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	43380	20.417	ug/l	98
67) Ethyl Benzene	11.50	91	193306	19.366	ug/l	98
68) m/p-Xylenes	11.62	106	146433	38.836	ug/l	95
69) o-Xylene	11.94	106	70886	19.203	ug/l	96
70) Styrene	11.96	104	116309	18.829	ug/l	96
71) Bromoform	12.12	173	34587	20.322	ug/l #	99
73) Isopropylbenzene	12.24	105	191141	19.063	ug/l	99
74) N-amyl acetate	12.06	43	67436	17.333	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	55412	19.063	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	51134m	22.225	ug/l	
77) Bromobenzene	12.52	156	79143	31.169	ug/l	42
78) n-propylbenzene	12.59	91	213287	18.952	ug/l	96
79) 2-Chlorotoluene	12.67	91	127546	19.051	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	162912	19.320	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	19681	18.370	ug/l	94
82) 4-Chlorotoluene	12.77	91	126346	18.815	ug/l	95
83) tert-Butylbenzene	12.99	119	139204	19.087	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	162005	19.420	ug/l	99
85) sec-Butylbenzene	13.17	105	181170	18.908	ug/l	98
86) p-Isopropyltoluene	13.28	119	168846	19.044	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	86085	19.518	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	85032	19.325	ug/l	97
89) n-Butylbenzene	13.61	91	141810	18.759	ug/l	98
90) Hexachloroethane	13.87	117	30621	18.459	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	85075	19.511	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	13095	19.725	ug/l	91

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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	53476	20.410	ug/l	99
94) Hexachlorobutadiene	15.01	225	27313	18.917	ug/l	98
95) Naphthalene	15.13	128	187768	25.196	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	53411	20.943	ug/l	99

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

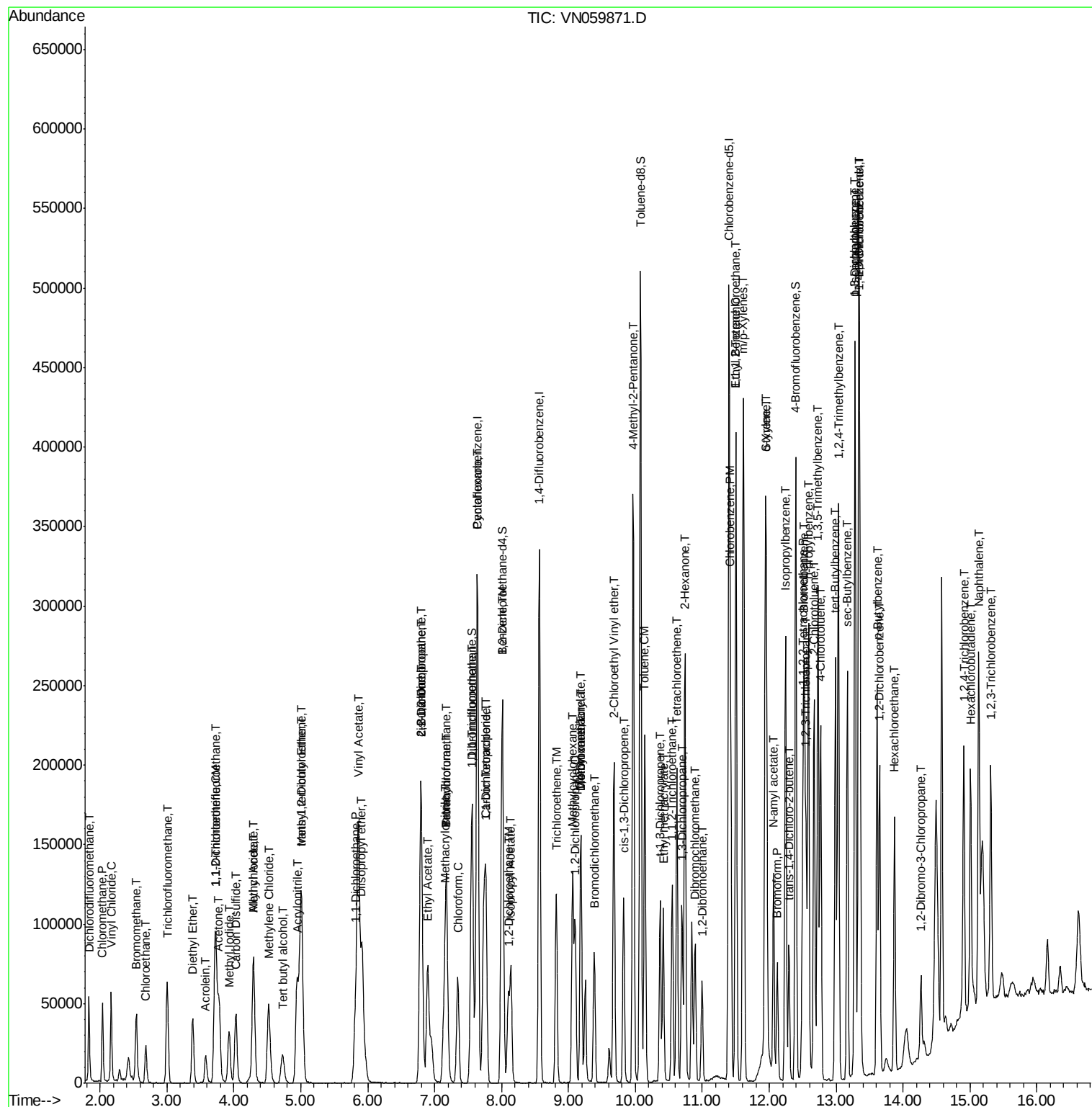
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Data File : VN059871.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

Tot Ion:168 Resp: 202499

Ion Ratio Lower Upper

168 100

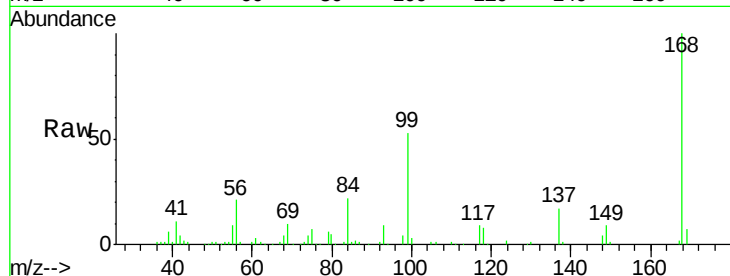
99 52.8 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

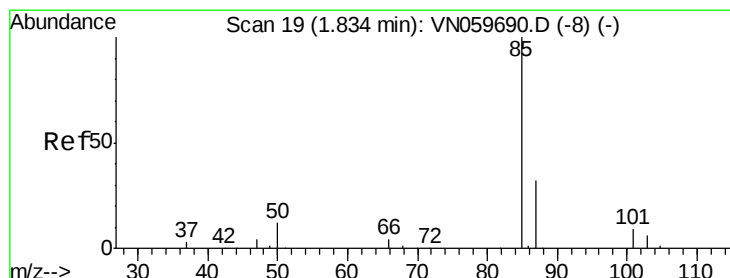
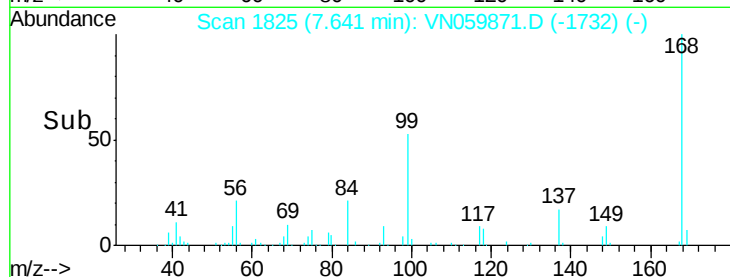
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20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.286 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059871.D

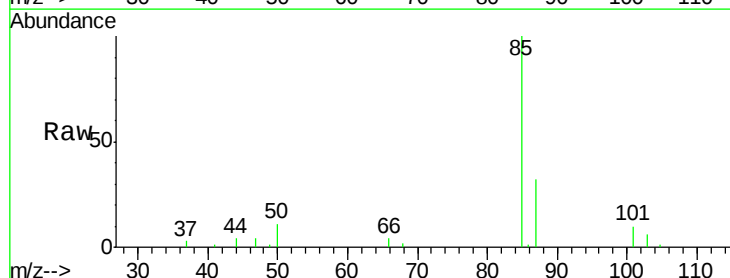
Acq: 27 Jan 2020 14:42

Tgt Ion: 85 Resp: 42087

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

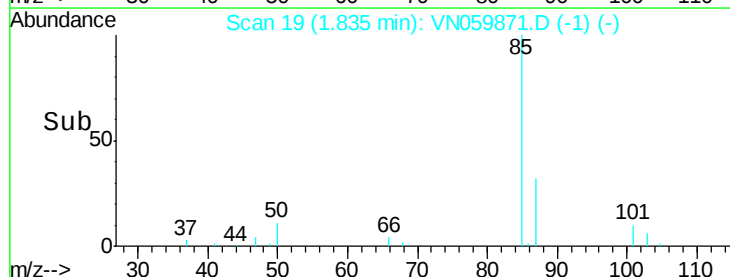
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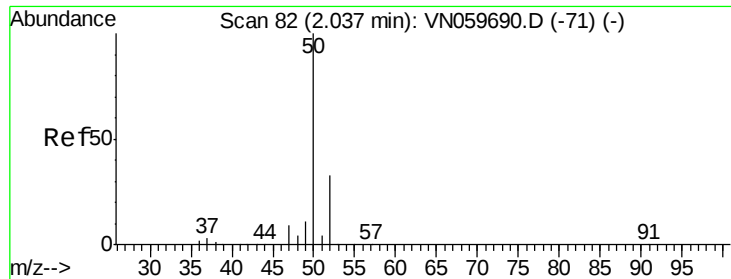
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0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.979 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

Tot Ion: 50 Resp: 39363

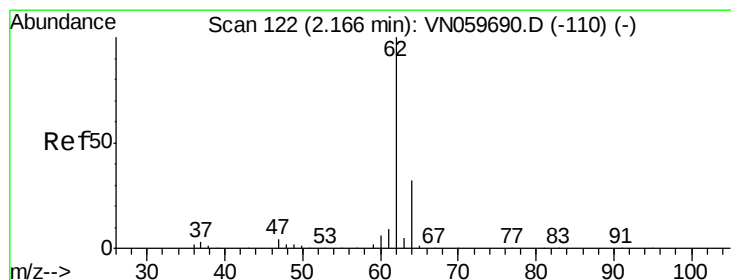
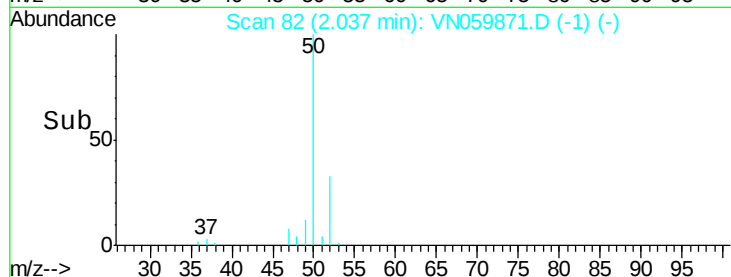
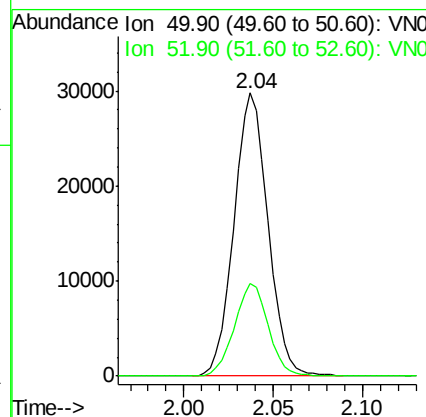
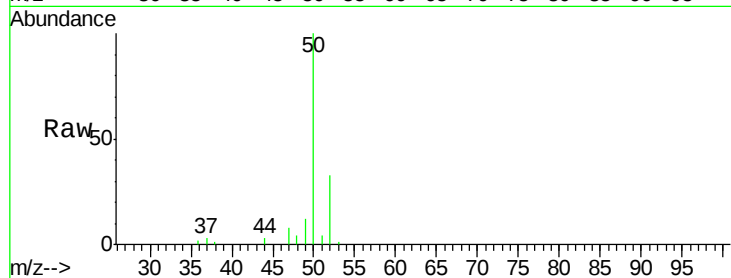
Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.468 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059871.D

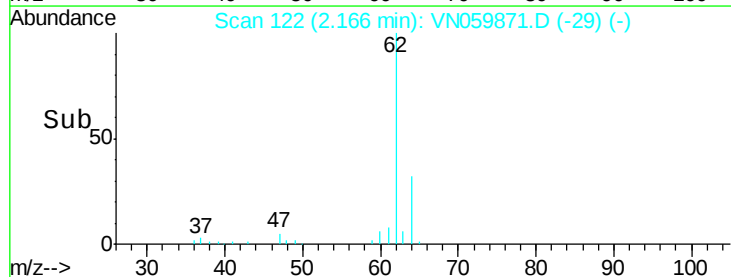
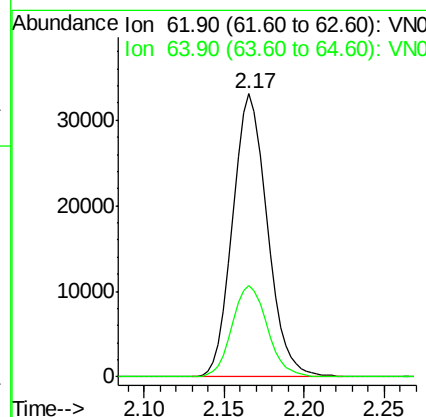
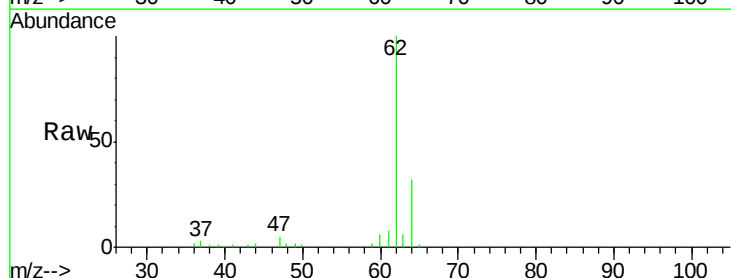
Acq: 27 Jan 2020 14:42

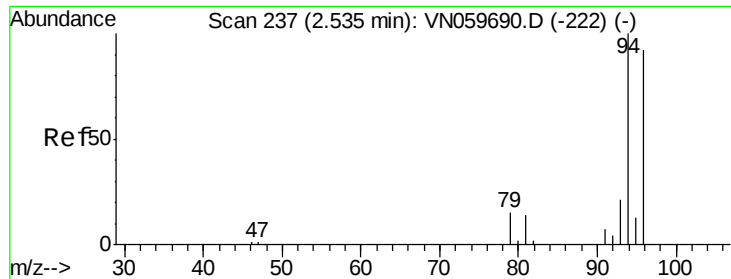
Tgt Ion: 62 Resp: 48988

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0





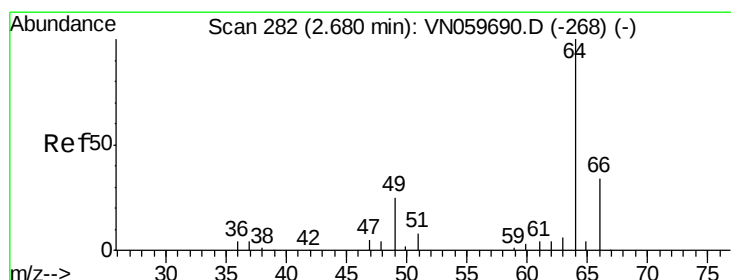
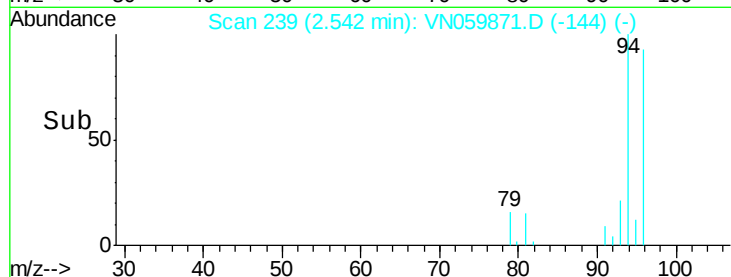
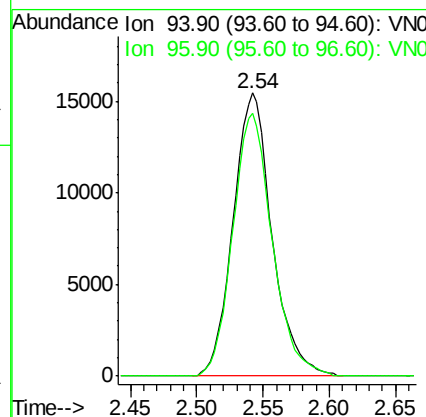
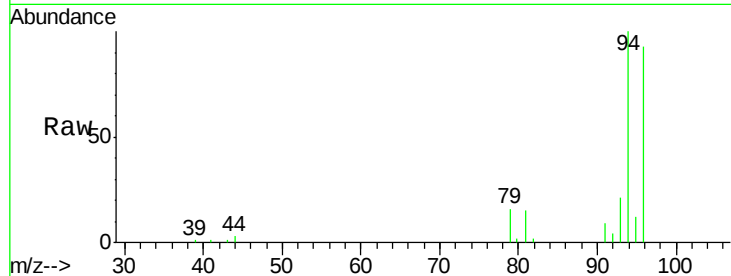
#5
Bromomethane
Concen: 19.409 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
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ClientSampleId :
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Tot Ion: 94 Resp: 31419
Ion Ratio Lower Upper
94 100
96 93.1 74.7 112.1

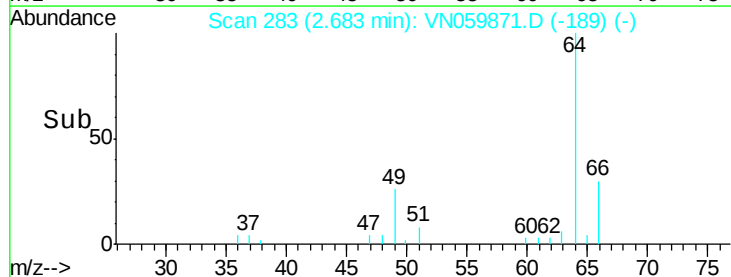
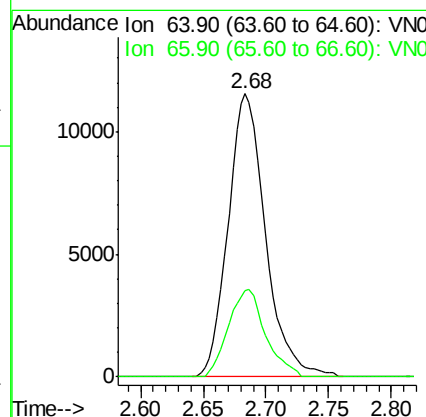
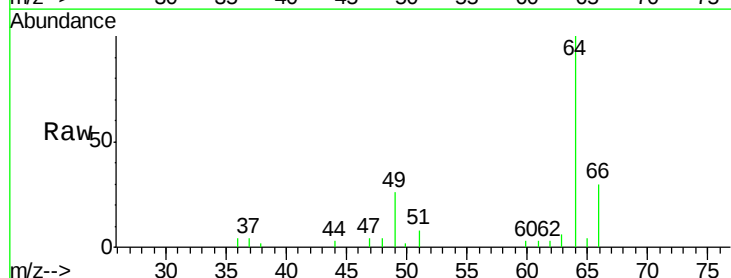
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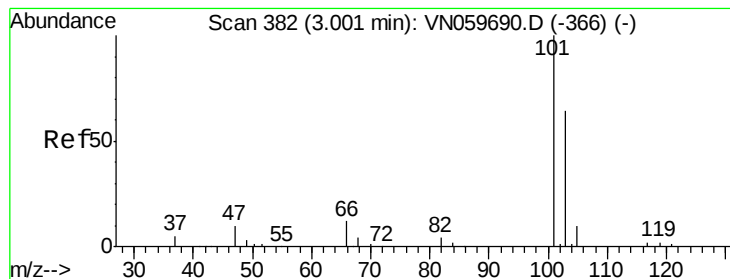
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#6
Chloroethane
Concen: 19.039 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 64 Resp: 23893
Ion Ratio Lower Upper
64 100
66 30.3 25.1 37.7





#7

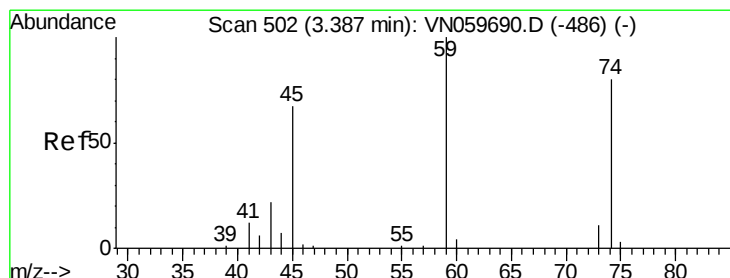
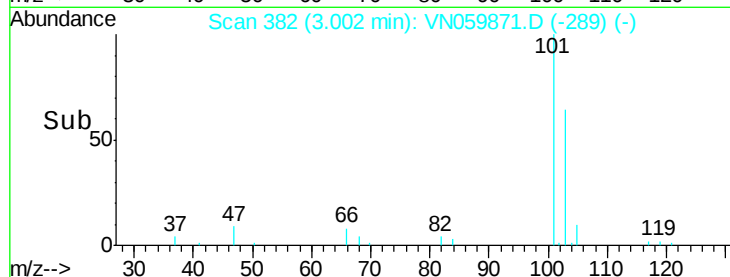
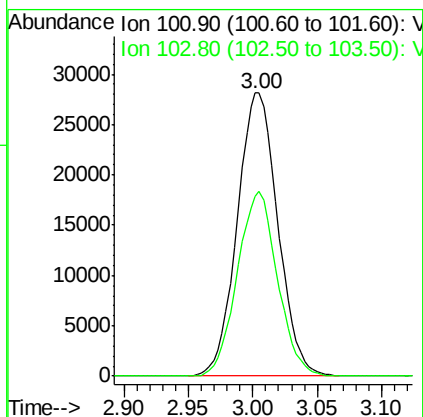
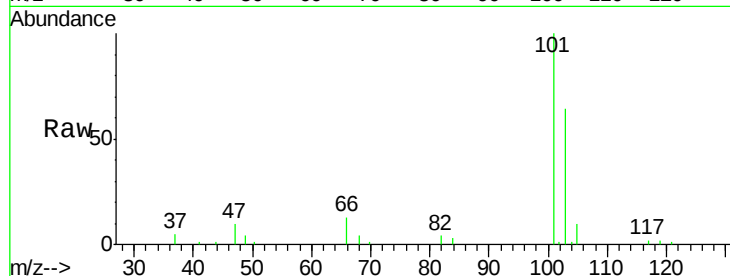
Trichlorofluoromethane
Concen: 19.361 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion:101 Resp: 61676
Ion Ratio Lower Upper
101 100
103 63.6 51.0 76.6

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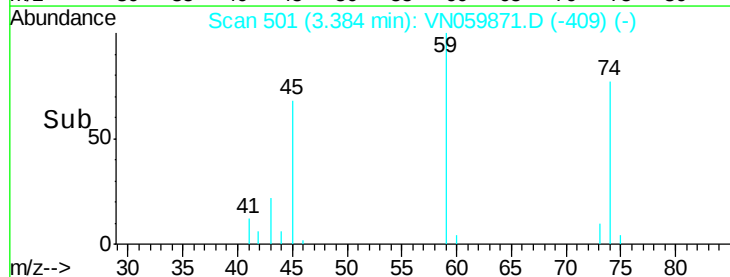
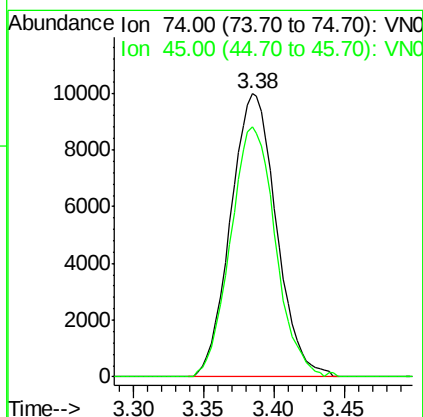
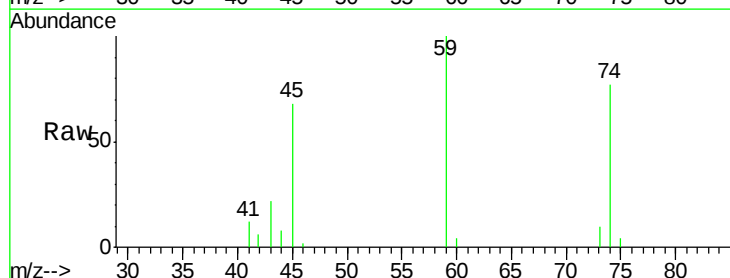
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#8

Diethyl Ether
Concen: 20.247 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 74 Resp: 22635
Ion Ratio Lower Upper
74 100
45 86.5 51.9 155.8





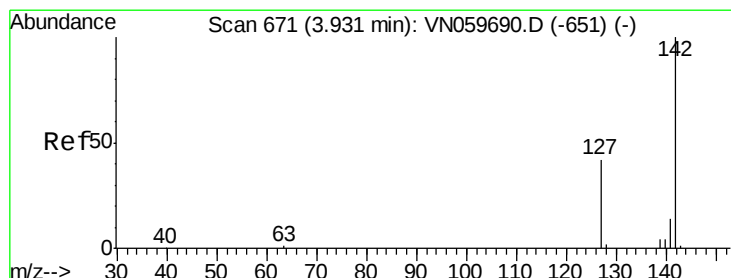
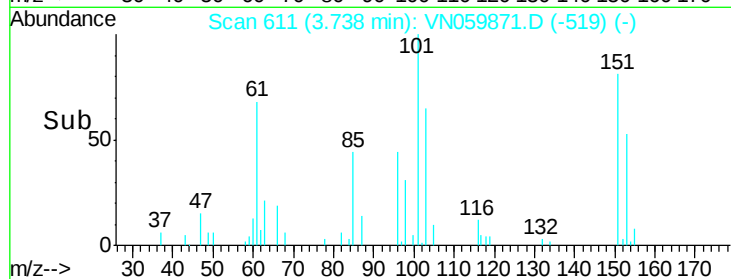
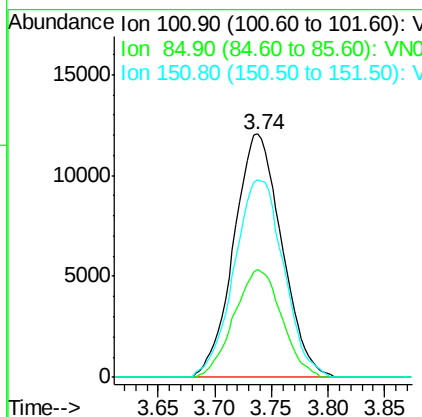
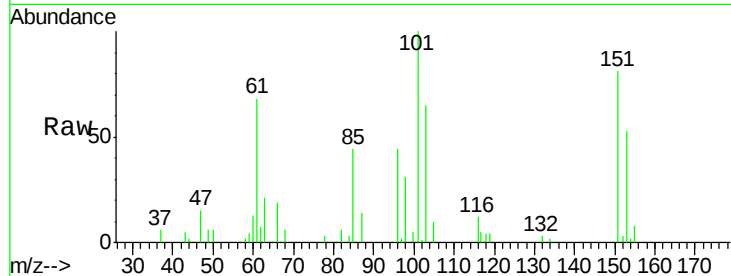
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.032 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.1	36.6	54.8
151	83.8	59.7	89.5

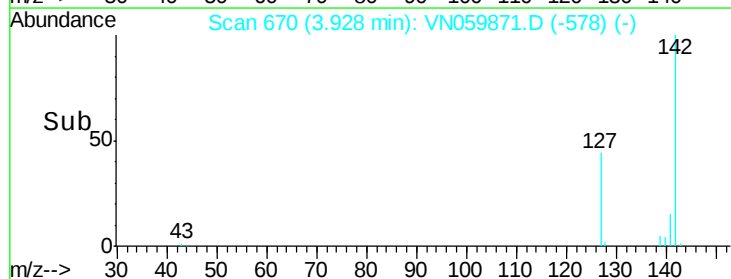
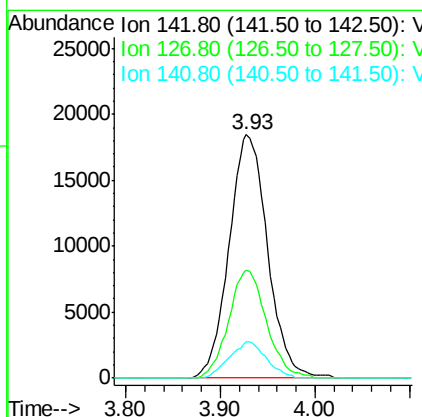
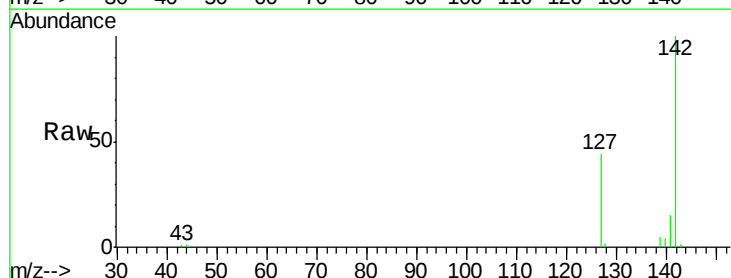
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#10
 Methyl Iodide
 Concen: 18.220 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.3	36.7	55.1
141	14.3	11.7	17.5





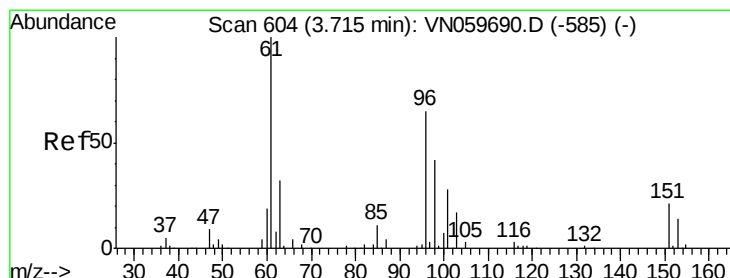
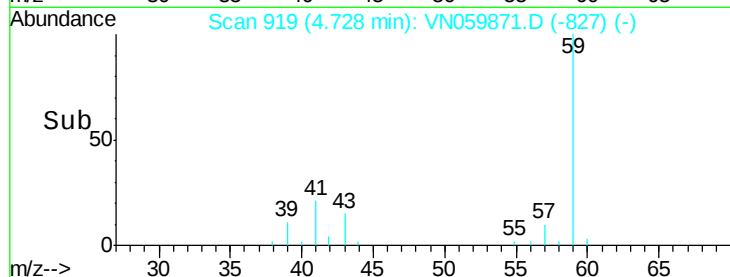
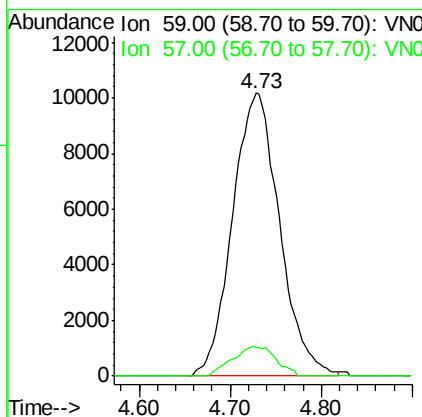
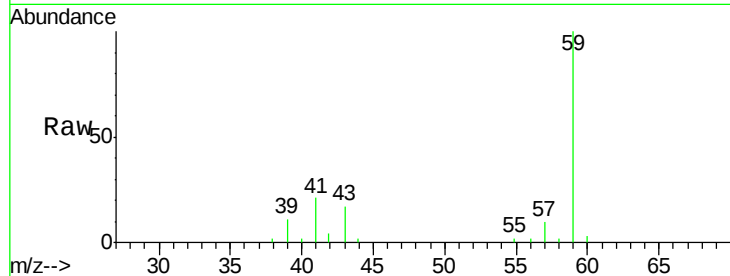
#11
Tert butyl alcohol
Concen: 96.573 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.6	12.8

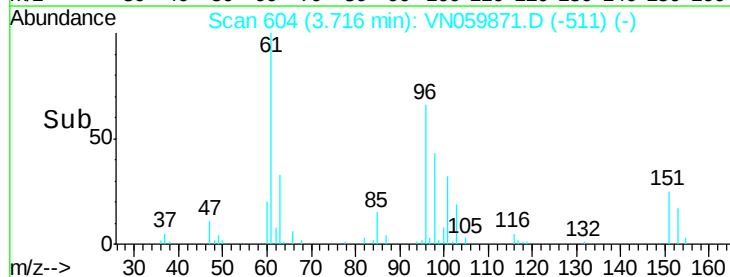
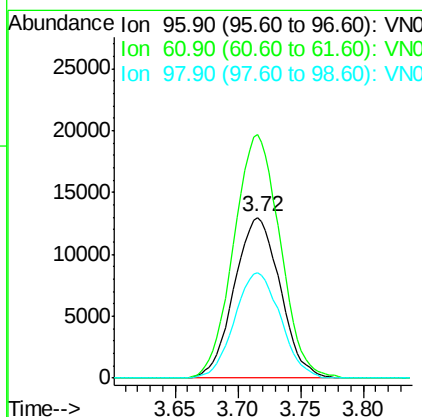
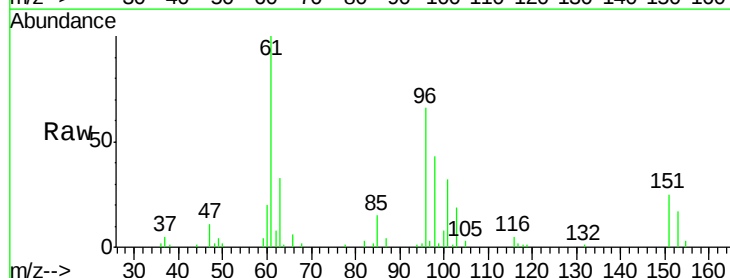
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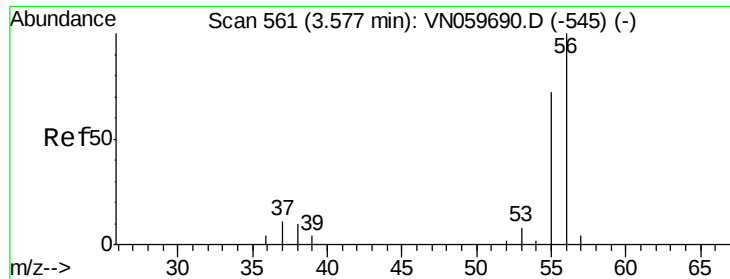
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#12
1,1-Dichloroethene
Concen: 17.813 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.4	137.5	206.3
98	65.3	50.2	75.4





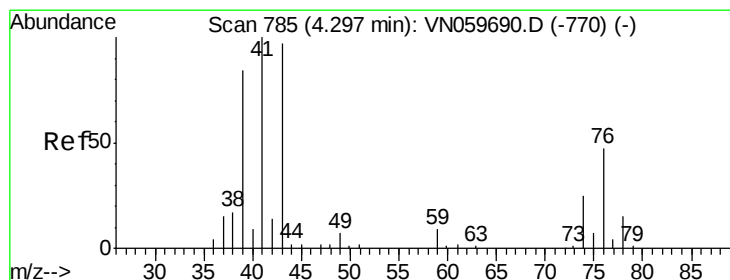
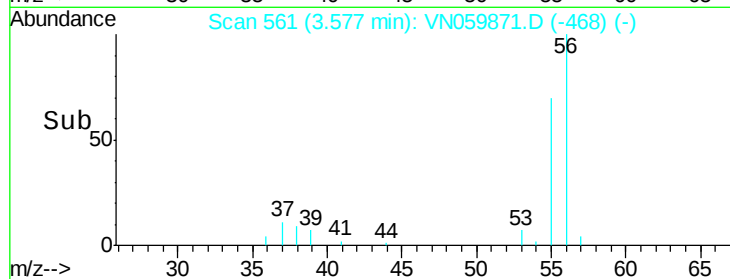
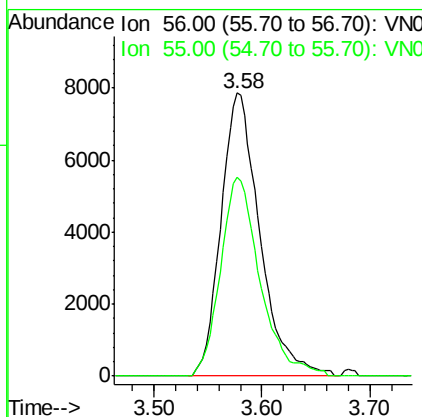
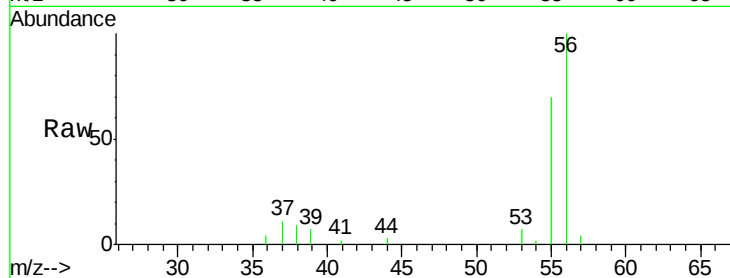
#13
Acrolein
Concen: 73.545 ug/l
RT: 3.58 min Scan# 561
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion: 56 Resp: 19709
Ion Ratio Lower Upper
56 100
55 71.5 58.6 88.0

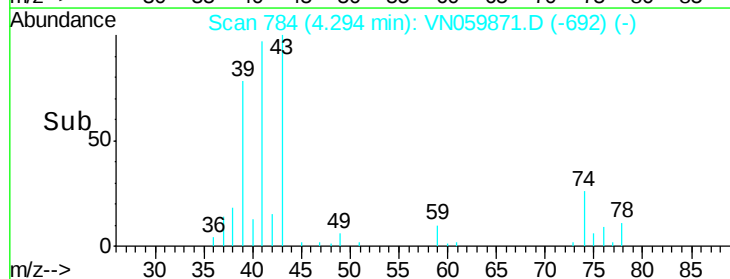
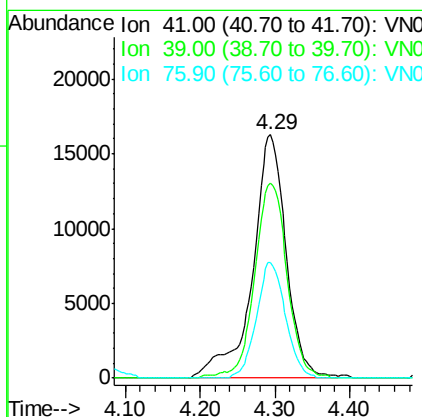
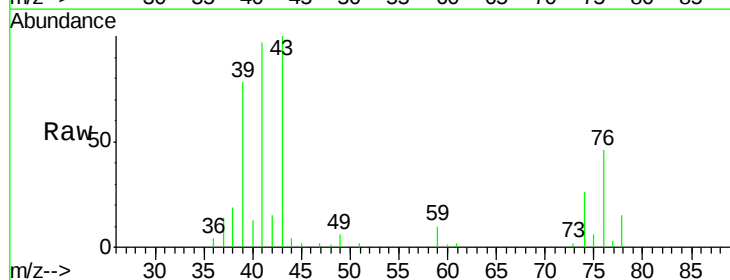
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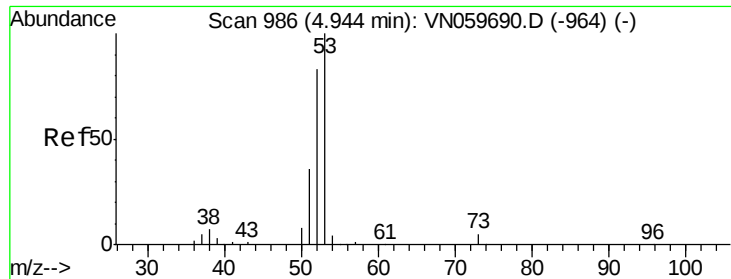
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#14
Allyl chloride
Concen: 20.381 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 41 Resp: 50894
Ion Ratio Lower Upper
41 100
39 77.4 57.8 86.8
76 41.0 25.4 38.0#





#15

Acrylonitrile

Concen: 98.366 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

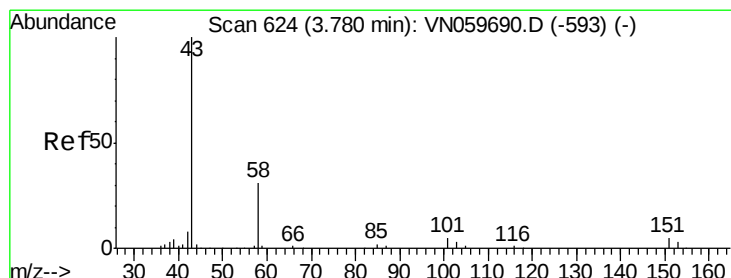
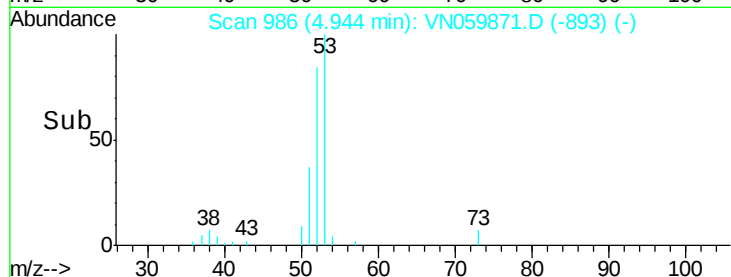
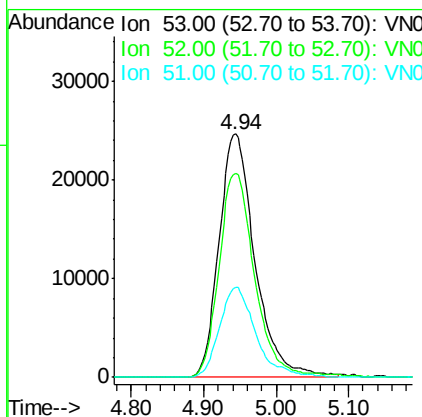
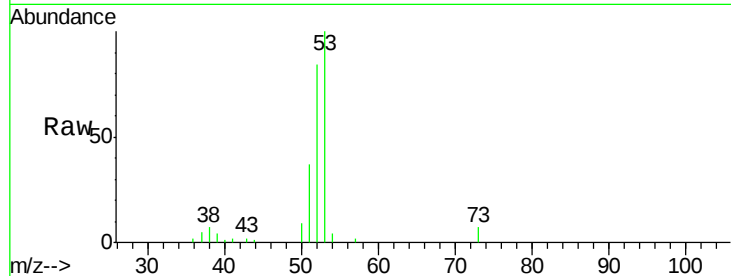
ClientSampleId :

VN0127MBSD01

Tot Ion:	53	Resp:	84945
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.3	99.5
51	37.4	29.7	44.5

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#16

Acetone

Concen: 99.774 ug/l

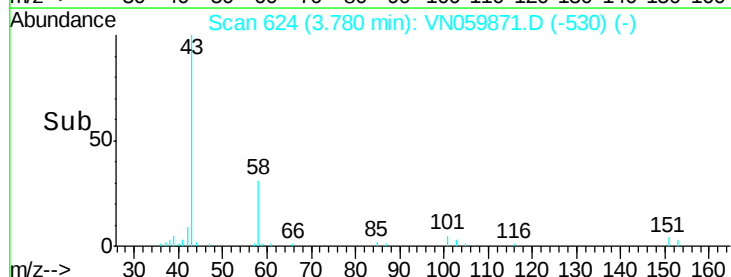
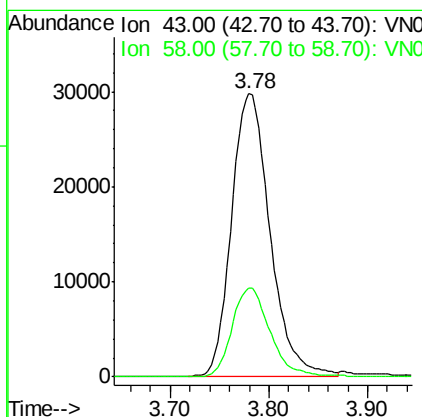
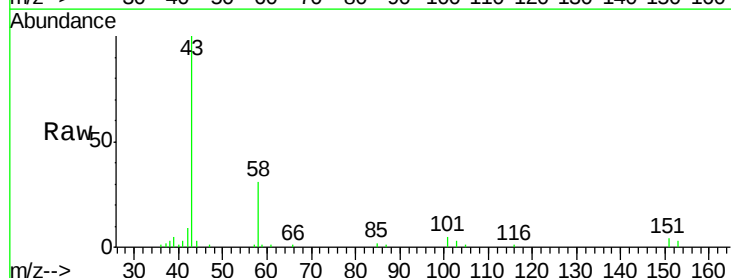
RT: 3.78 min Scan# 624

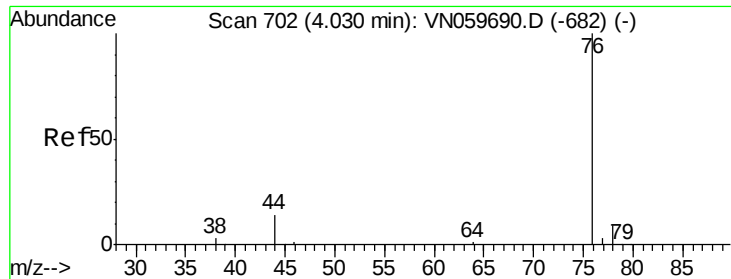
Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Tgt Ion:	43	Resp:	81141
Ion Ratio	Lower	Upper	
43	100		
58	31.5	23.6	35.4





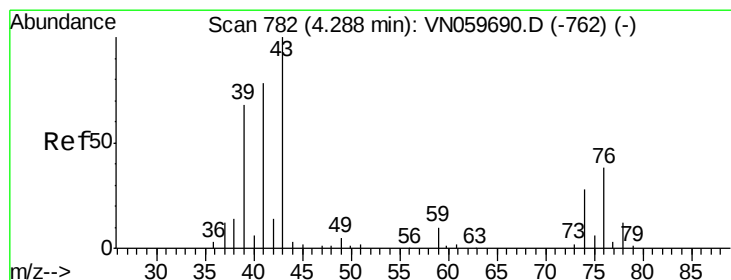
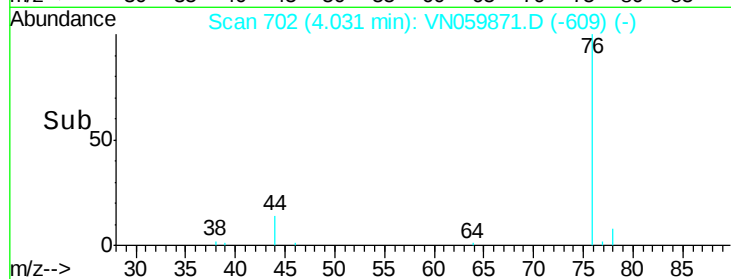
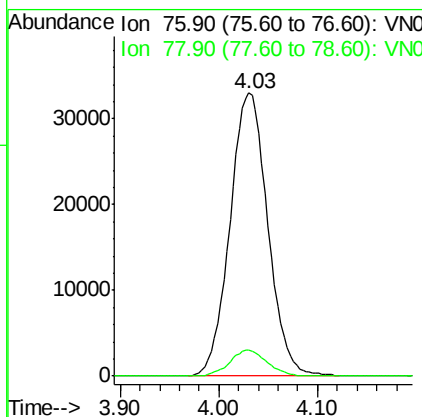
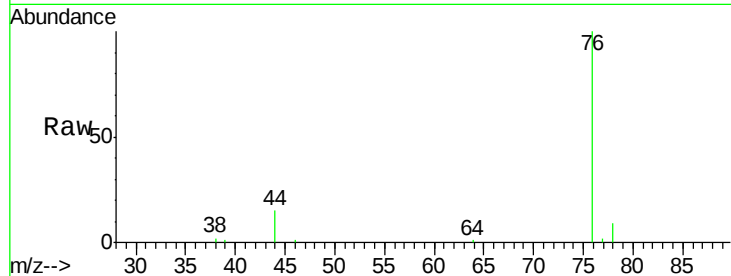
#17
Carbon Disulfide
Concen: 16.668 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
VN0127MBSD01

Tot Ion: 76 Resp: 87966
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

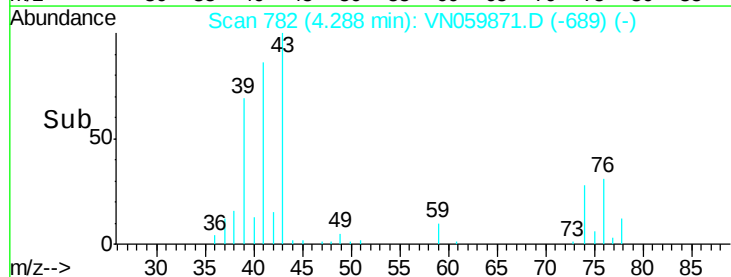
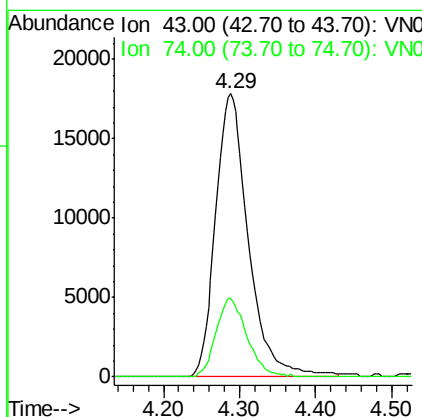
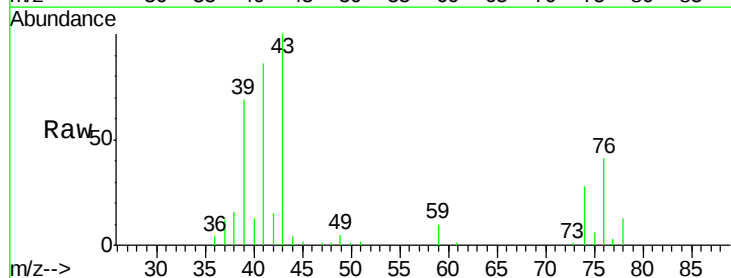
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#18
Methyl Acetate
Concen: 20.378 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 43 Resp: 53529
Ion Ratio Lower Upper
43 100
74 26.0 17.5 26.3





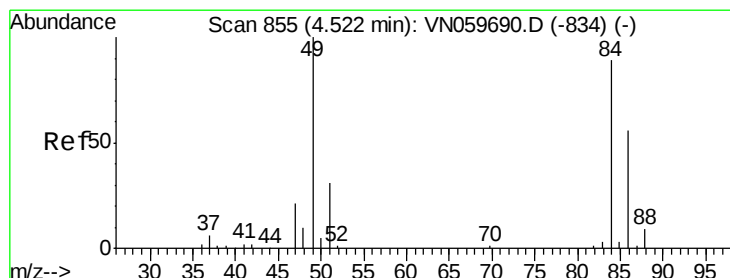
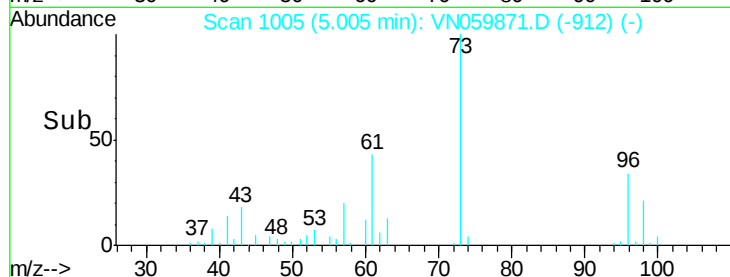
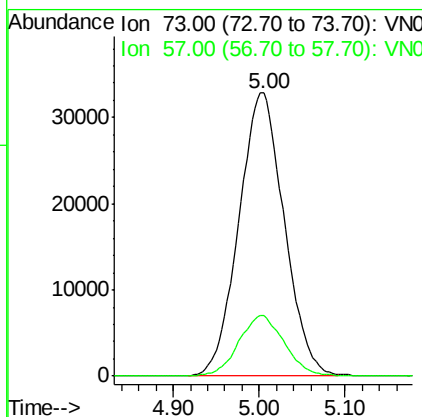
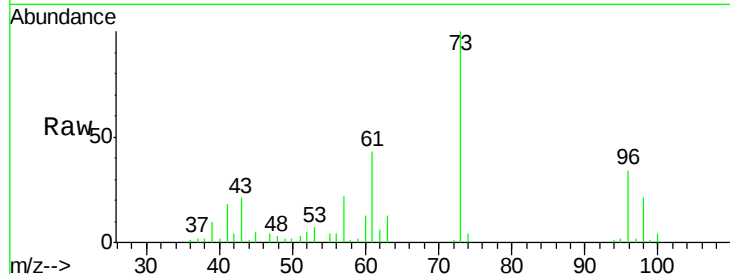
#19
Methvl tert-butvl Ether
Concen: 19.961 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion: 73 Resp: 120576
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8

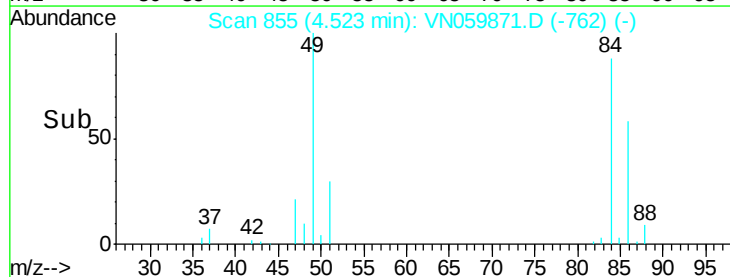
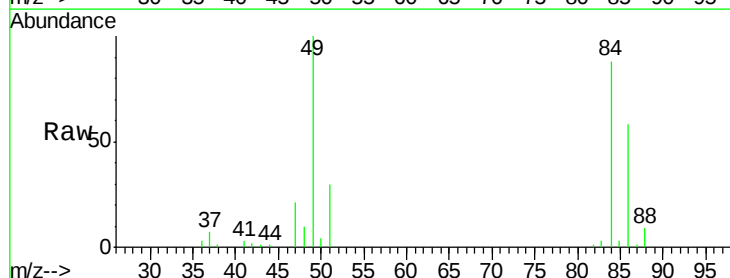
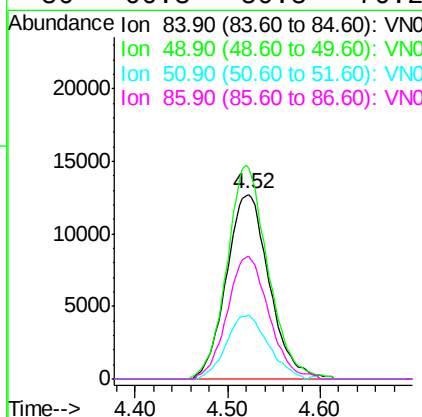
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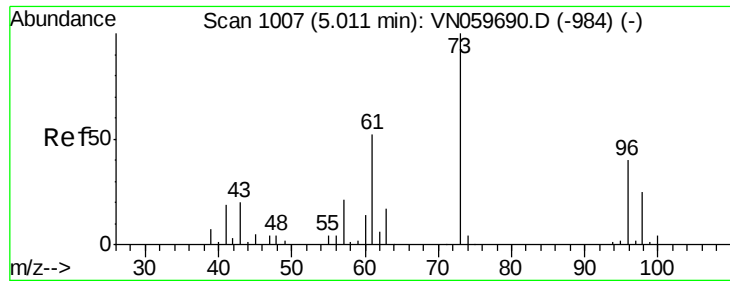
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#20
Methylene Chloride
Concen: 19.249 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 84 Resp: 40783
Ion Ratio Lower Upper
84 100
49 114.3 106.6 160.0
51 34.4 31.9 47.9
86 66.3 50.8 76.2





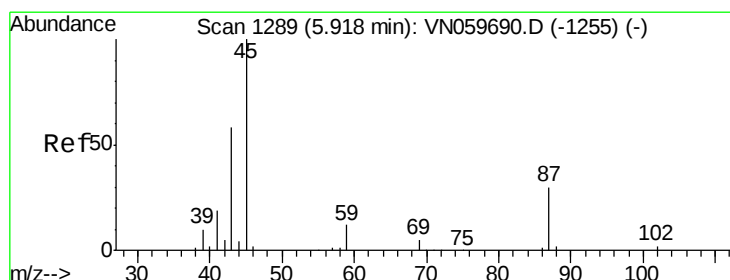
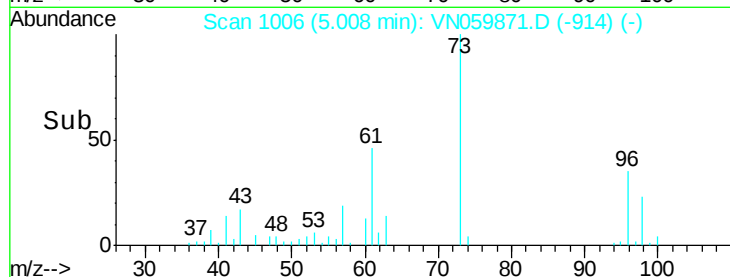
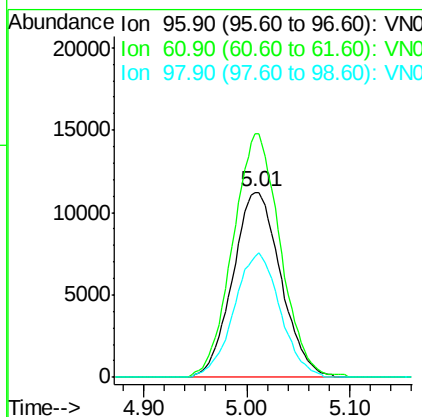
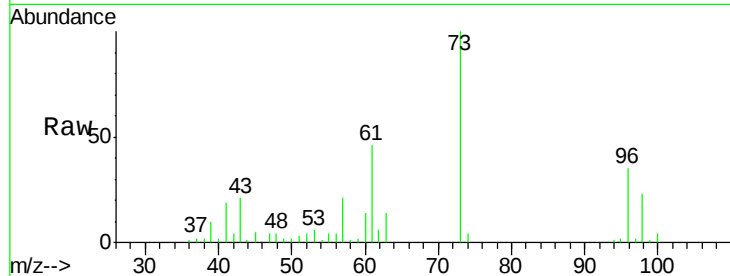
#21
trans-1,2-Dichloroethene
Concen: 18.447 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.3	120.4	180.6
98	65.4	50.6	75.8

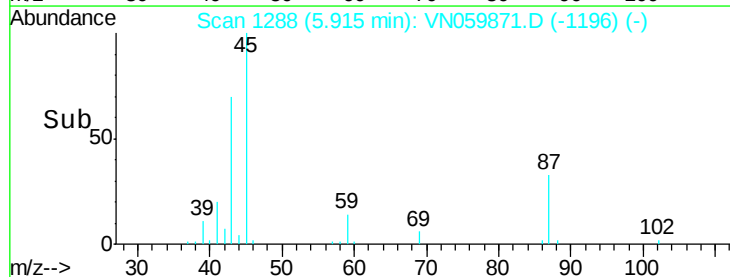
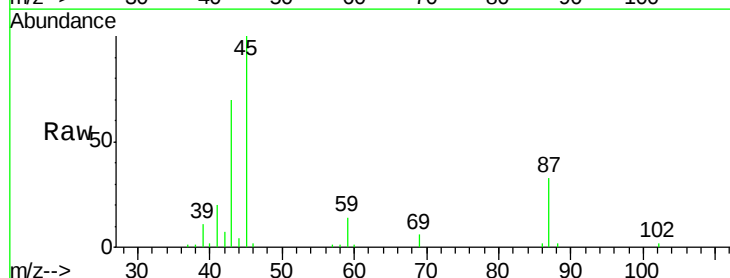
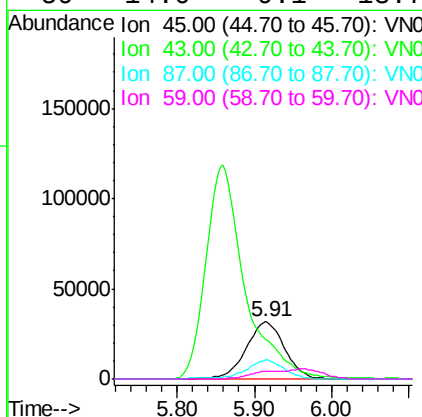
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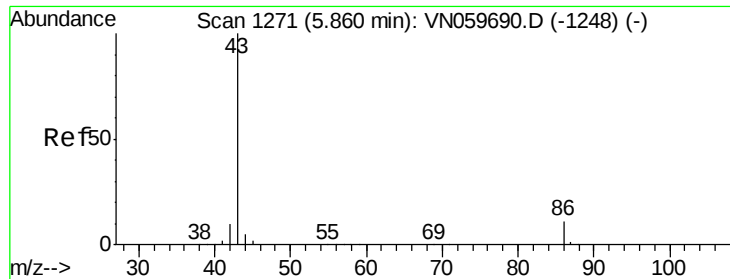
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#22
Diisopropyl ether
Concen: 19.311 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.1	50.8	76.2
87	32.9	21.0	31.6#
59	14.0	9.1	13.7#





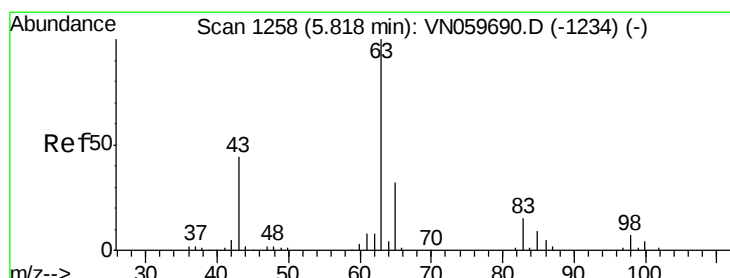
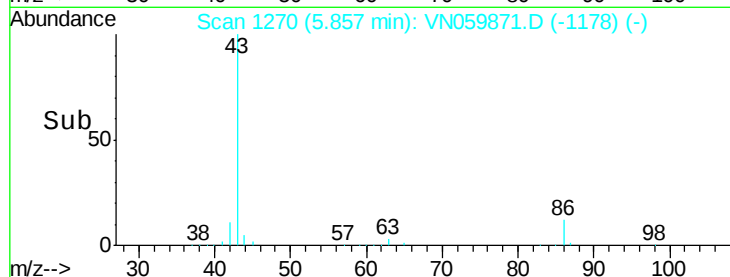
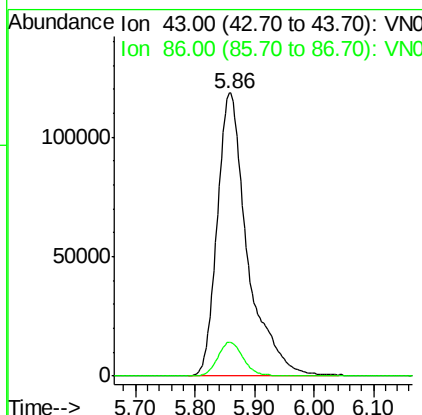
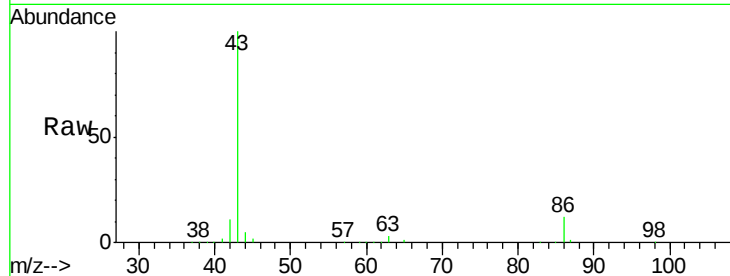
#23
 Vinyl Acetate
 Concen: 95.530 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0127MBSD01

Tot Ion	43	Resp	418560
Ion Ratio	100	Lower	Upper
43	100		
86	12.0	7.6	11.4#

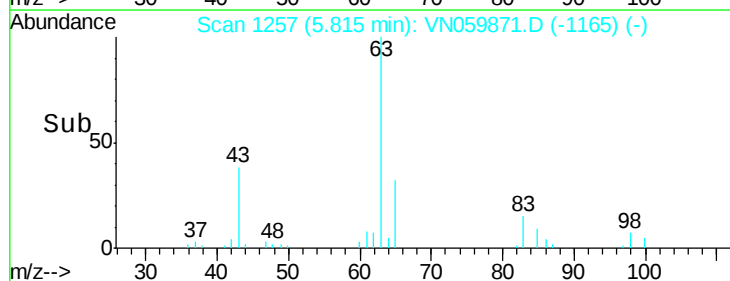
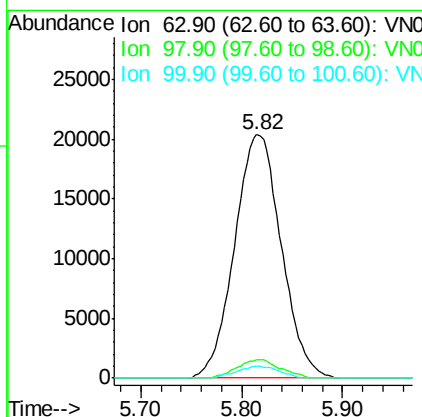
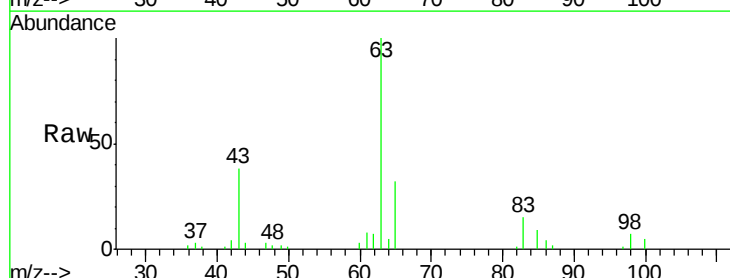
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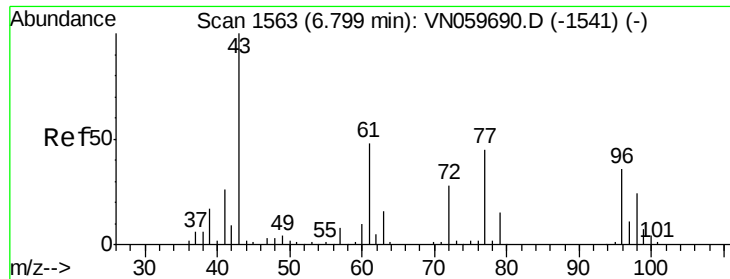
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#24
 1,1-Dichloroethane
 Concen: 18.913 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion	63	Resp	65396
Ion Ratio	100	Lower	Upper
63	100		
98	7.3	2.9	8.7
100	5.0	2.0	6.0





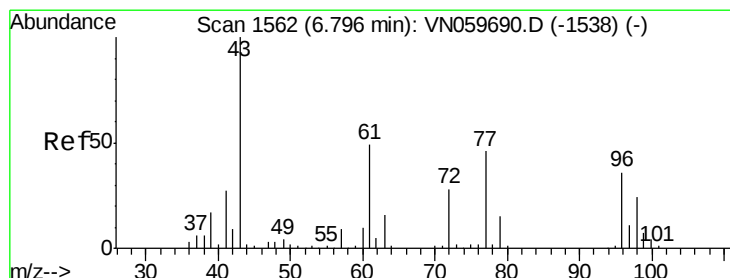
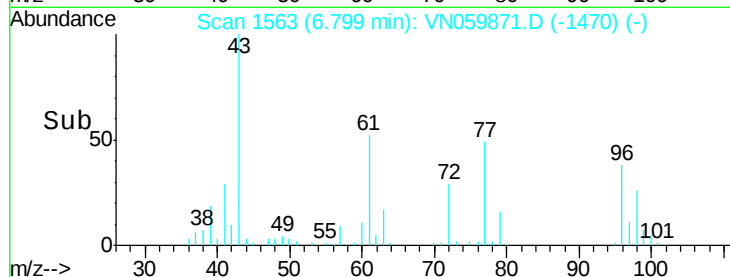
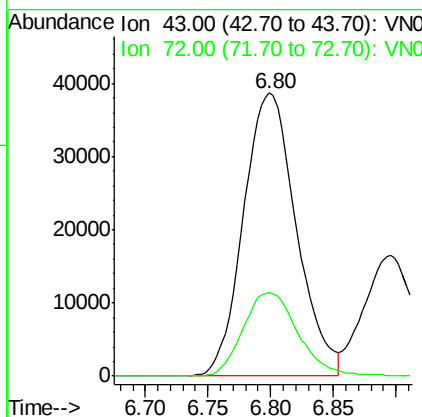
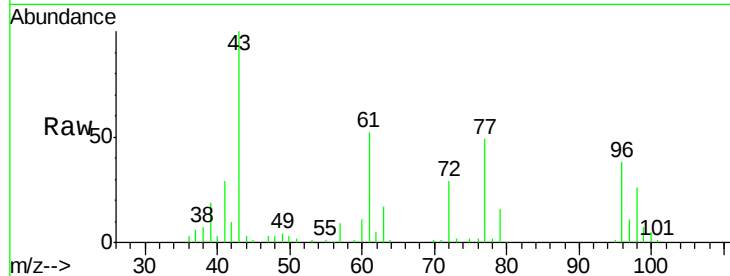
#25
2-Butanone
Concen: 89.029 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion: 43 Resp: 113377
Ion Ratio Lower Upper
43 100
72 29.5 19.9 29.9

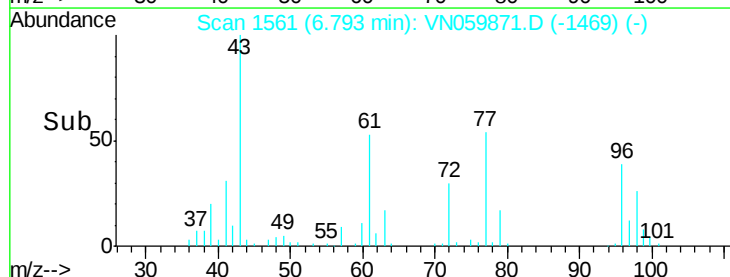
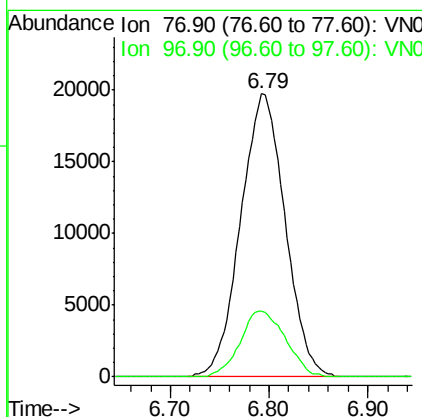
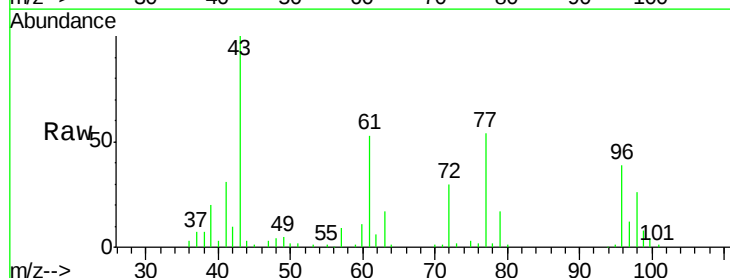
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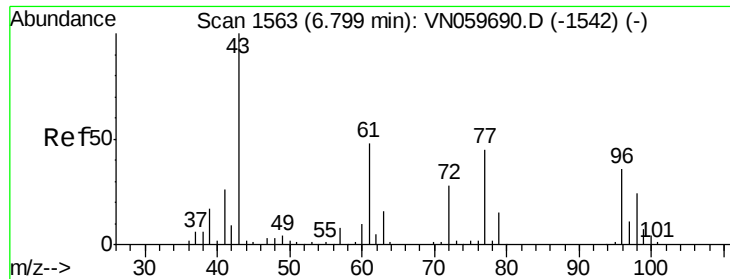
MMDadoda
1/28/2020 9:24:46 AM



#26
2,2-Dichloropropane
Concen: 18.490 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 77 Resp: 61465
Ion Ratio Lower Upper
77 100
97 23.8 10.7 31.9





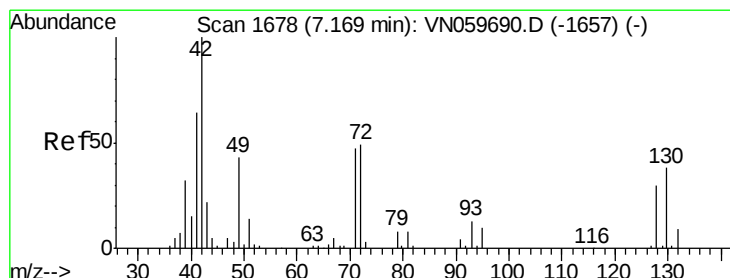
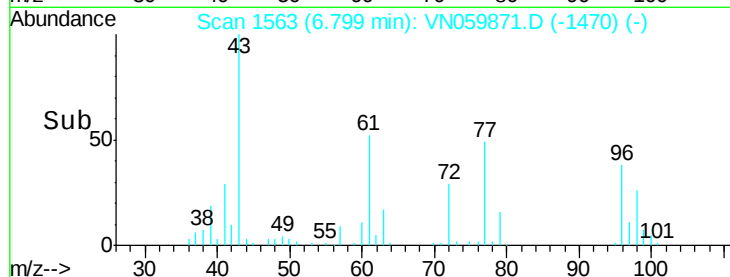
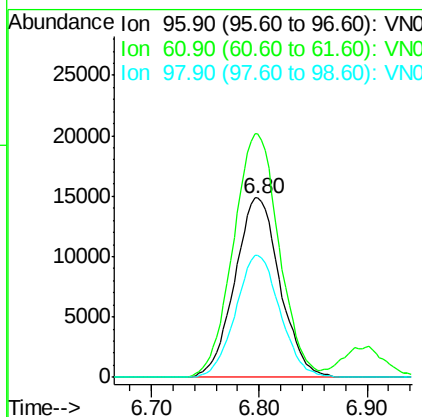
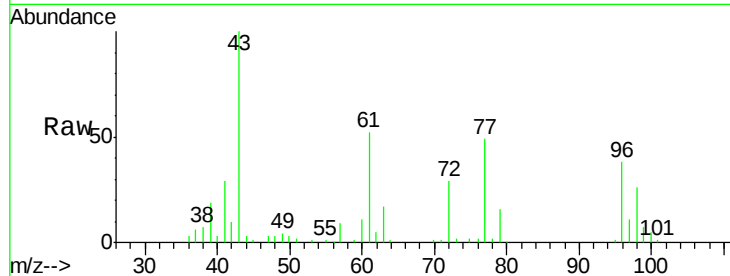
#27
 cis-1,2-Dichloroethene
 Concen: 19.099 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	317.6
98	66.8	0.0	127.0

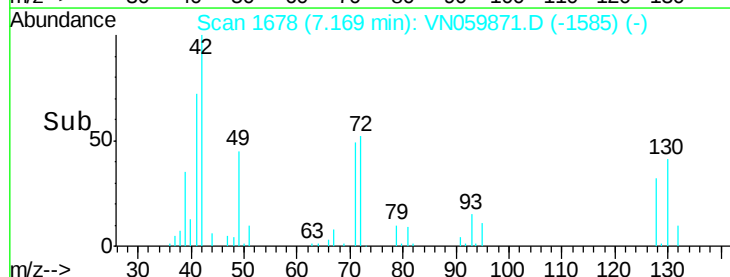
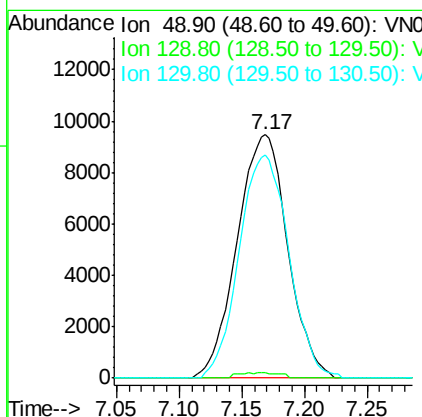
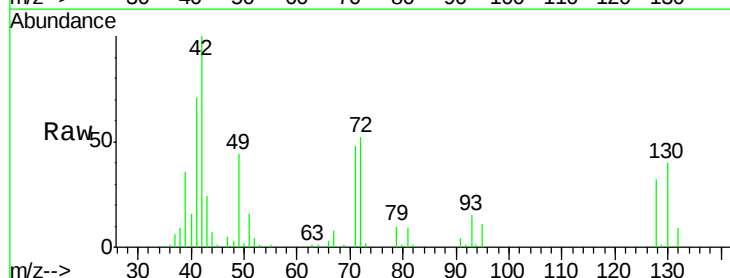
Manual Integrations
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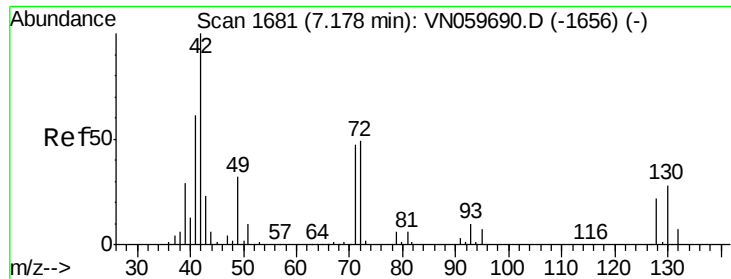
MMDadoda
 1/28/2020 9:24:46 AM



#28
 Bromochloromethane
 Concen: 19.170 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	90.2	54.7	82.1#





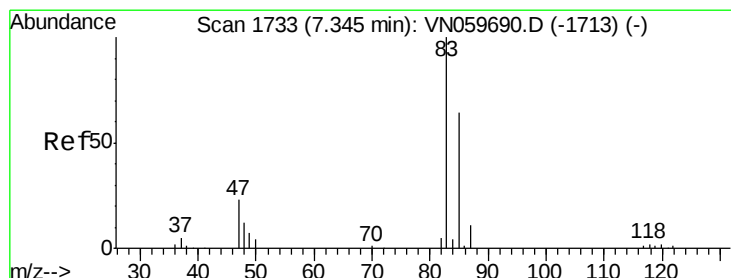
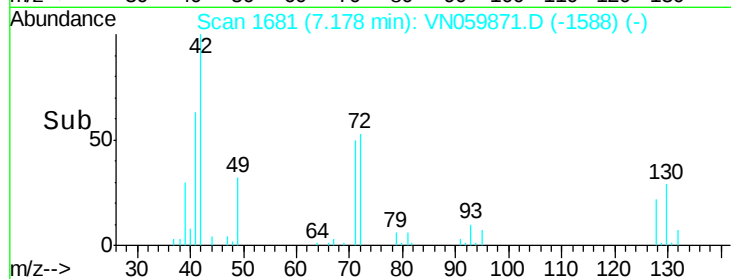
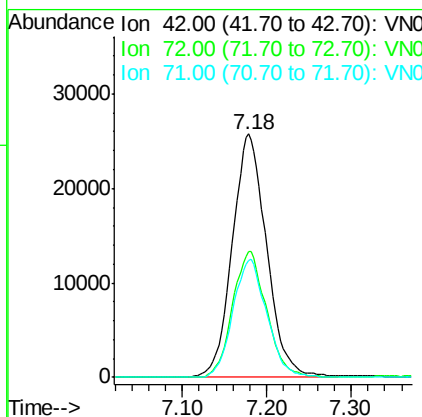
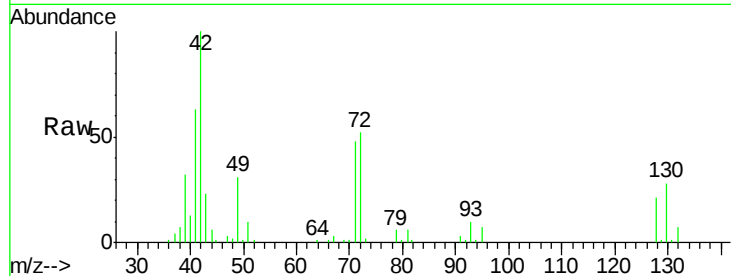
#29
Tetrahydrofuran
Concen: 92.649 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	33.1	49.7#
71	47.7	31.4	47.0#

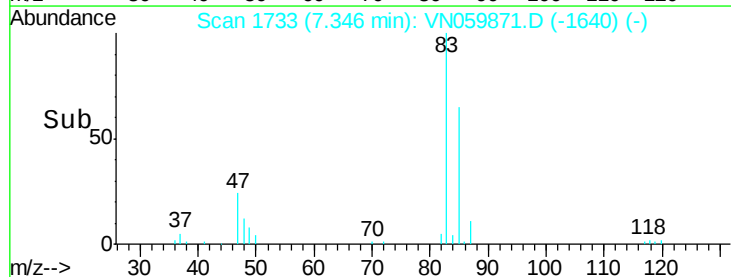
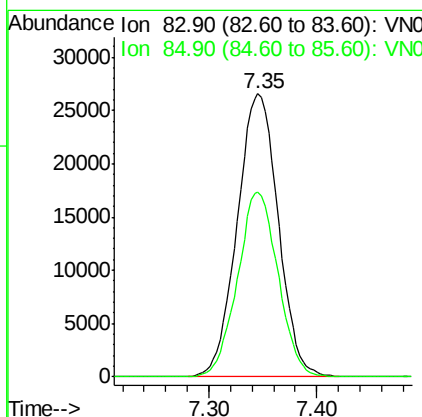
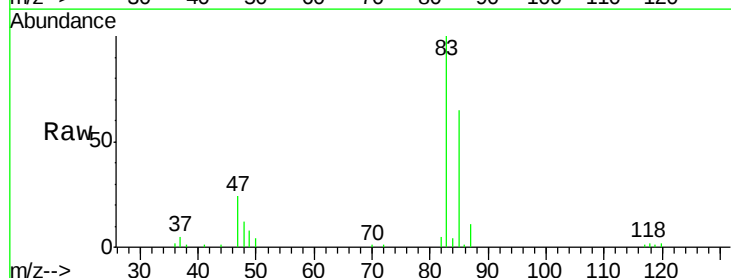
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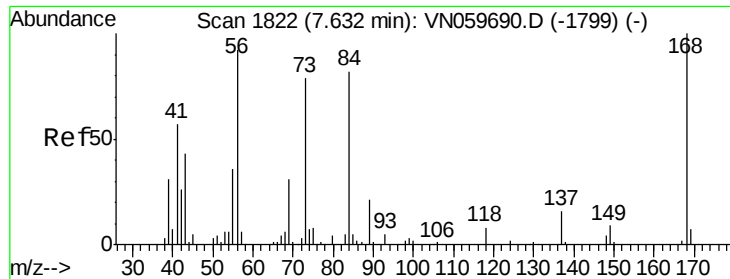
MMDadoda
1/28/2020 9:24:46 AM



#30
Chloroform
Concen: 19.639 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.4	78.6





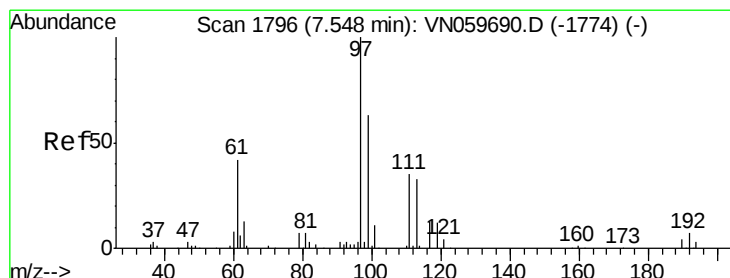
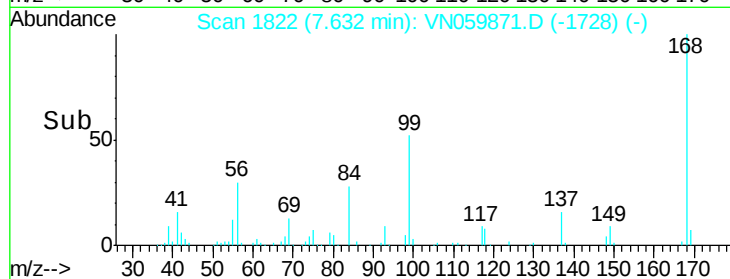
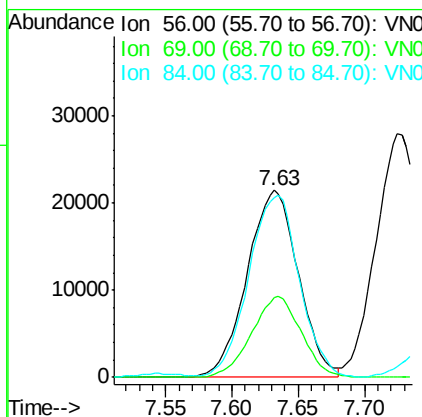
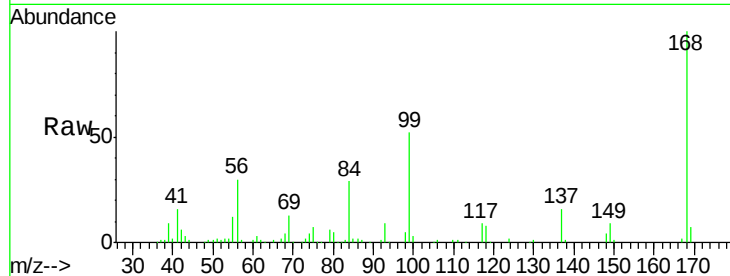
#31
Cyclohexane
Concen: 17.409 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.4	26.5	39.7#
84	95.2	65.3	97.9

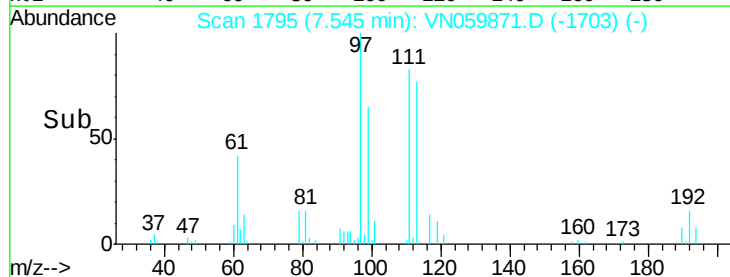
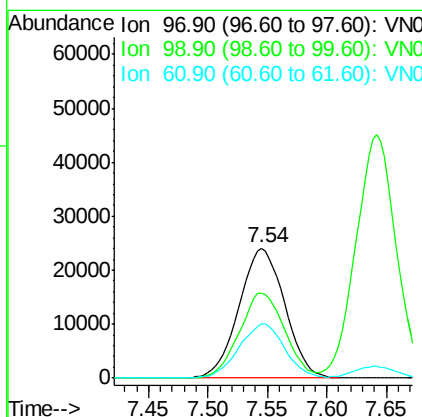
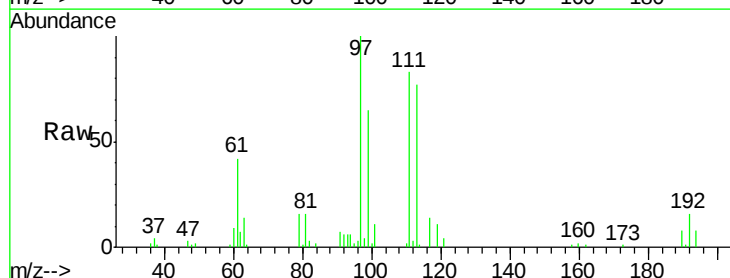
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#32
1,1,1-Trichloroethane
Concen: 19.378 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.0	76.4
61	41.6	38.5	57.7





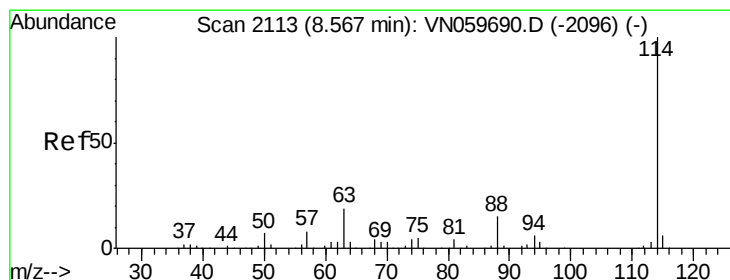
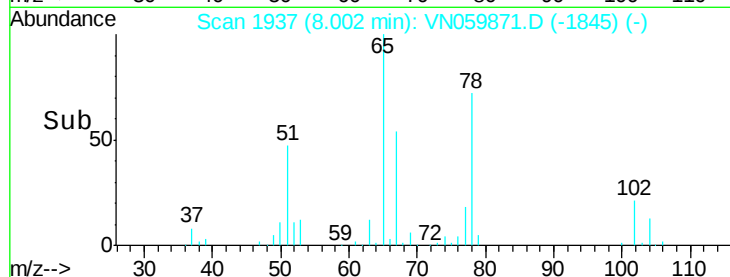
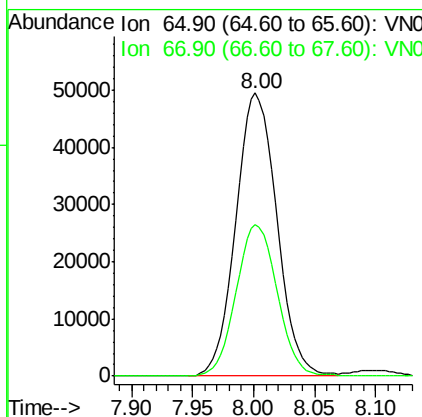
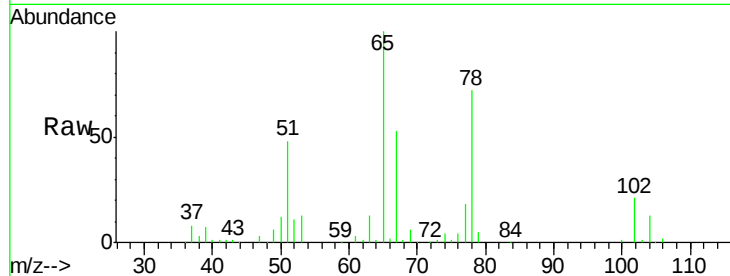
#33
 1,2-Dichloroethane-d4
 Concen: 51.307 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	103.0	

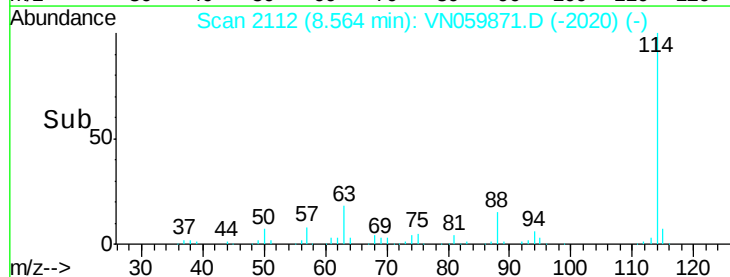
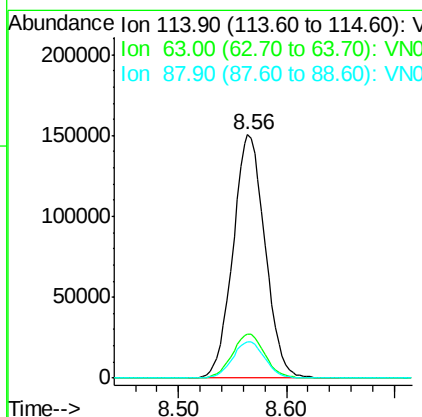
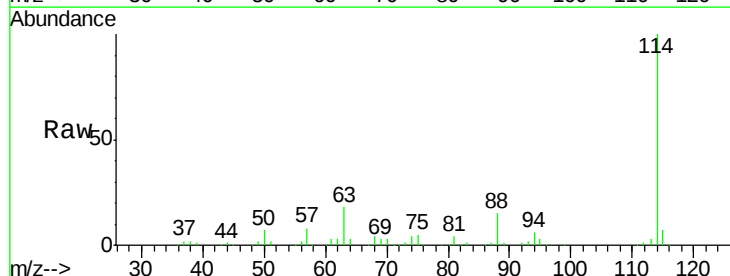
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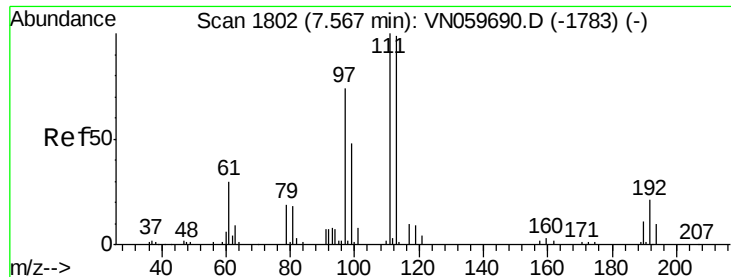
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.3	0.0	43.6	
88	15.1	0.0	31.4	





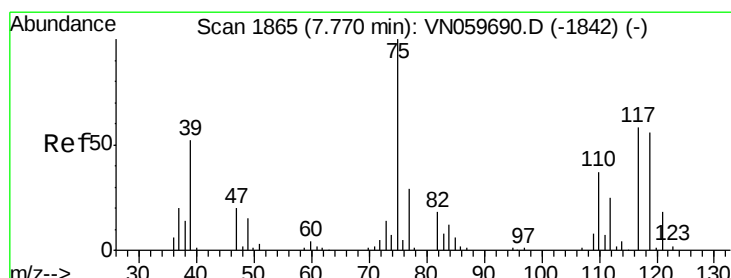
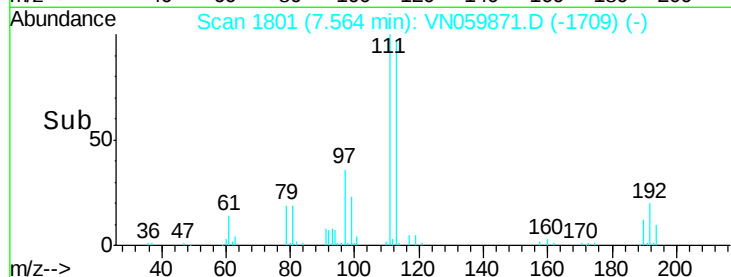
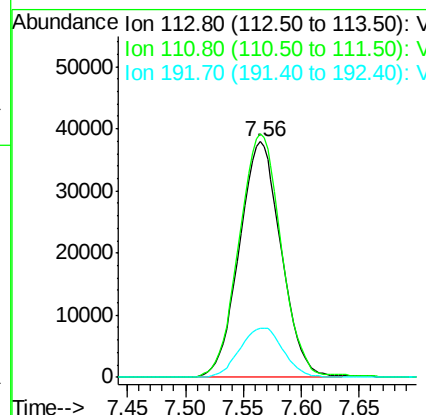
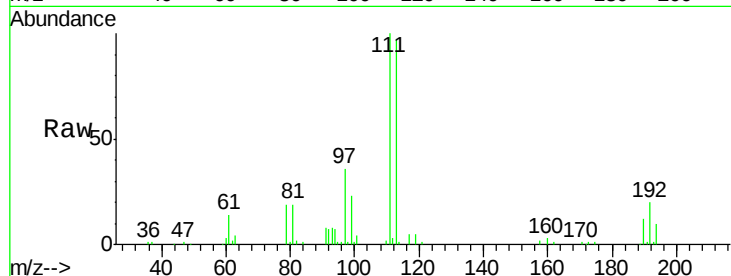
#35
 Dibromofluoromethane
 Concen: 51.191 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.5	125.3
192	21.8	15.4	23.2

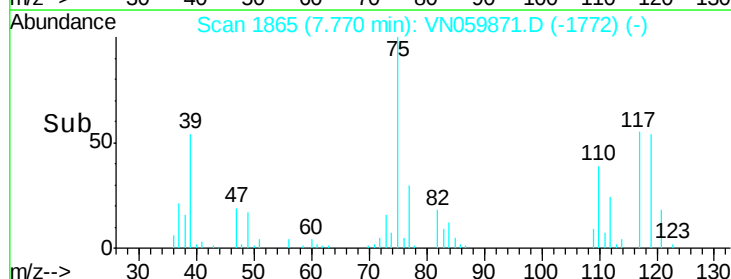
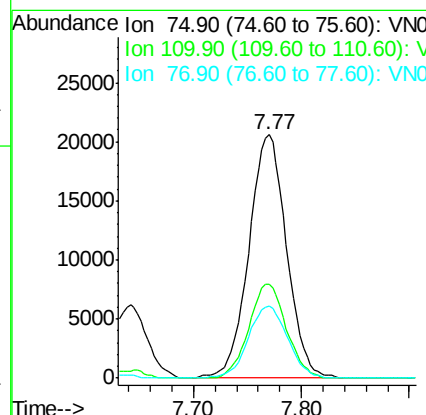
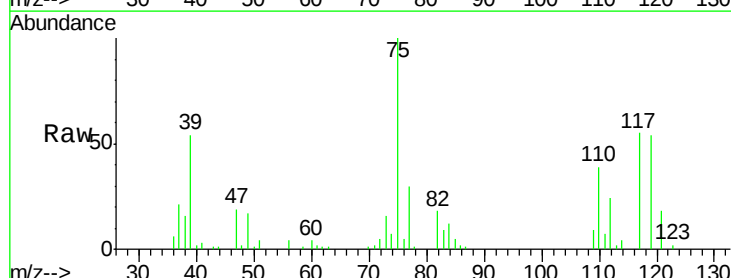
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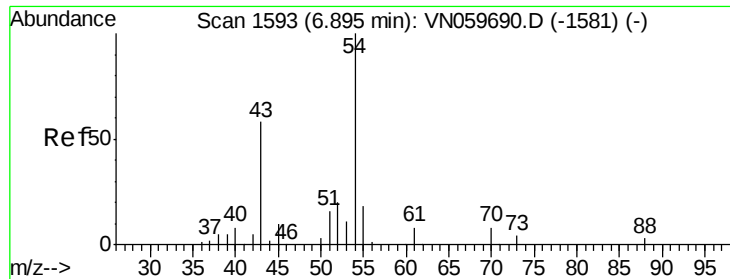
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#36
 1,1-Dichloropropene
 Concen: 18.425 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	16.6	49.7
77	30.9	25.1	37.7





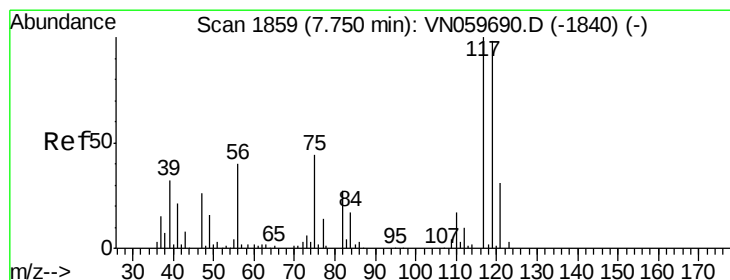
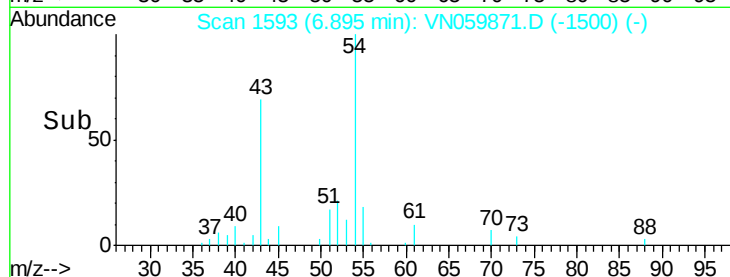
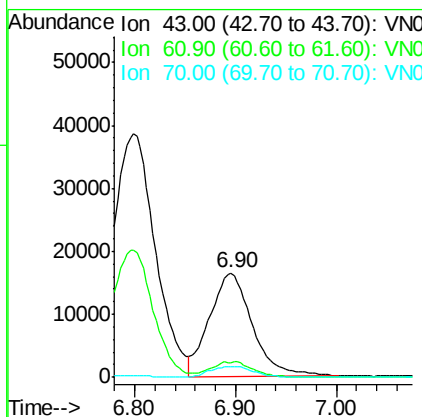
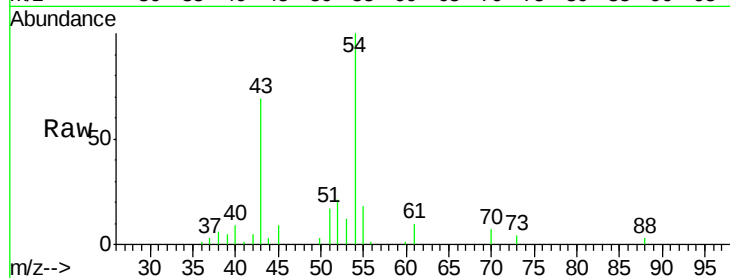
#37
Ethyl Acetate
Concen: 19.056 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	43	61	70
Resp	48414	14.9	10.5
Lower		10.9	7.7
Upper		16.3	11.5

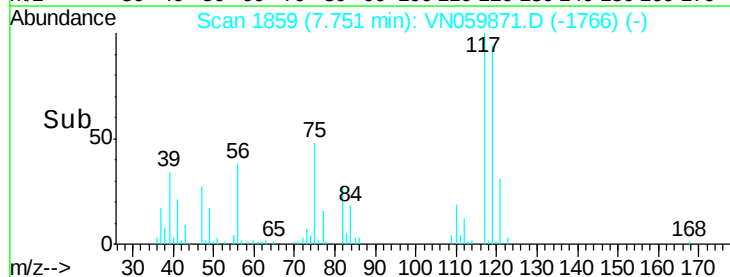
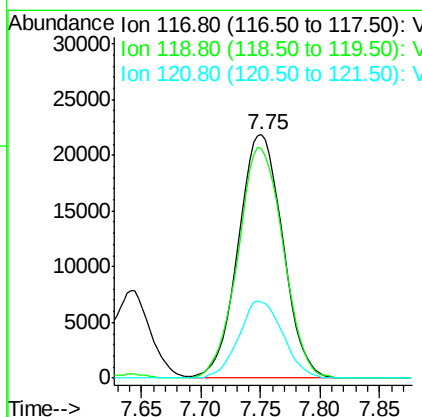
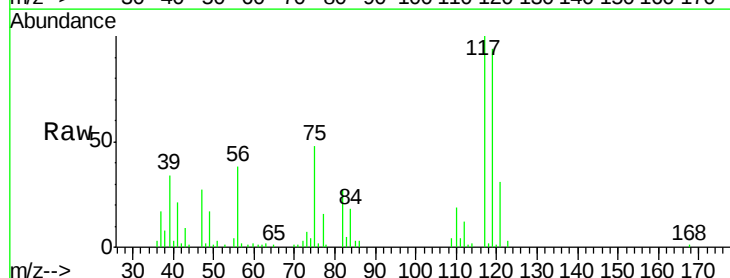
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#38
Carbon Tetrachloride
Concen: 19.233 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	117	119	121
Resp	56673	94.0	31.1
Lower		76.5	25.1
Upper		114.7	37.7





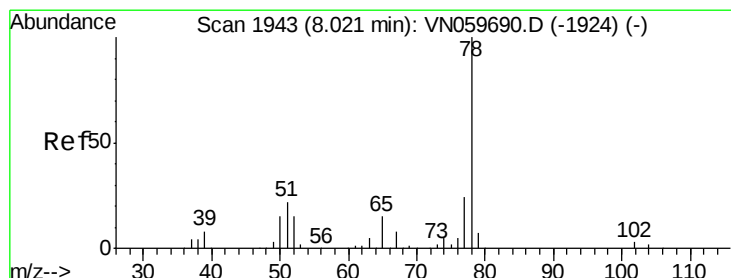
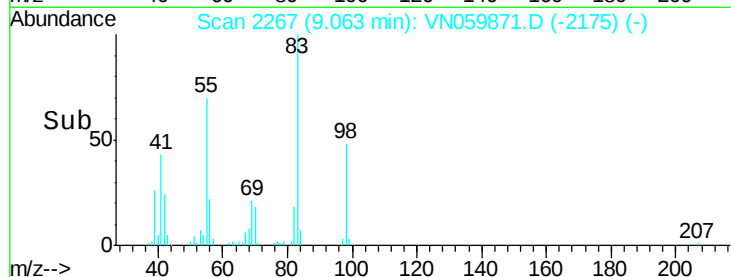
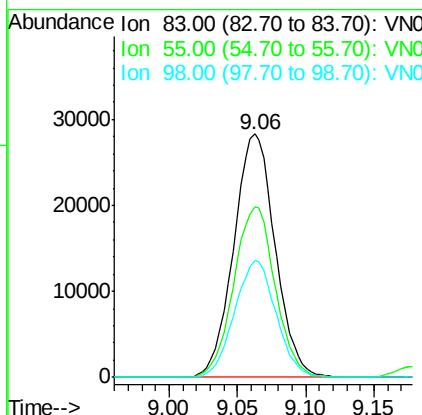
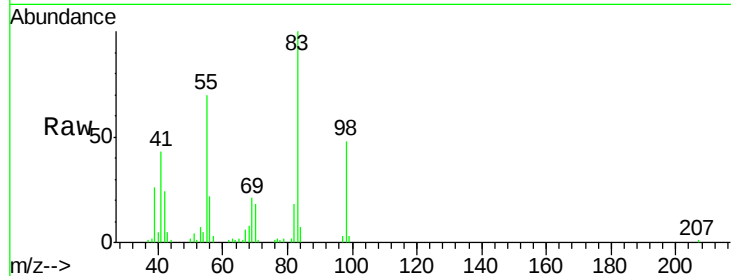
#39
Methvlcvclohexane
Concen: 17.834 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.0	64.2	96.2
98	48.1	35.9	53.9

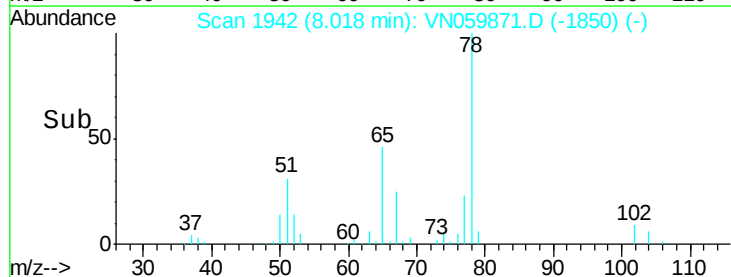
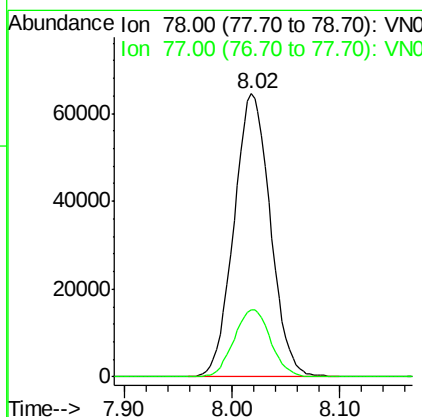
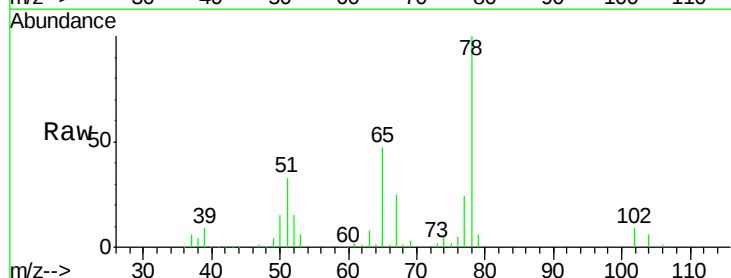
Manual Integrations
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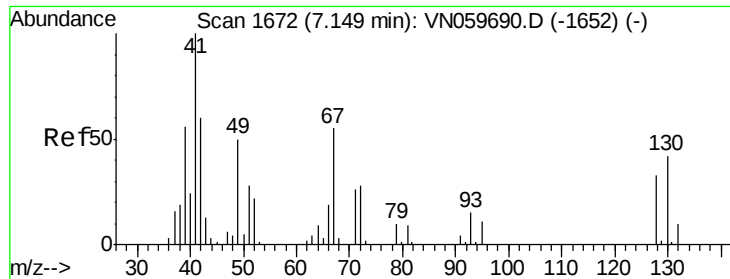
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#40
Benzene
Concen: 18.784 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





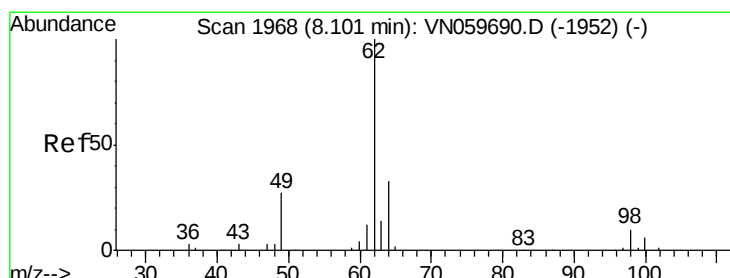
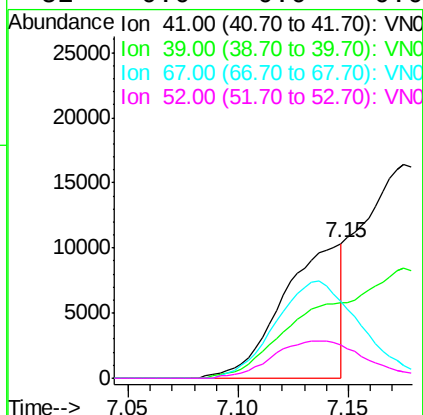
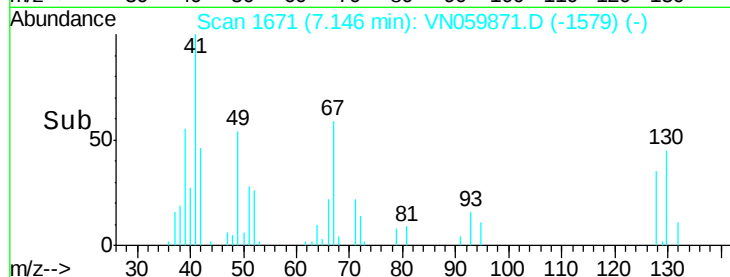
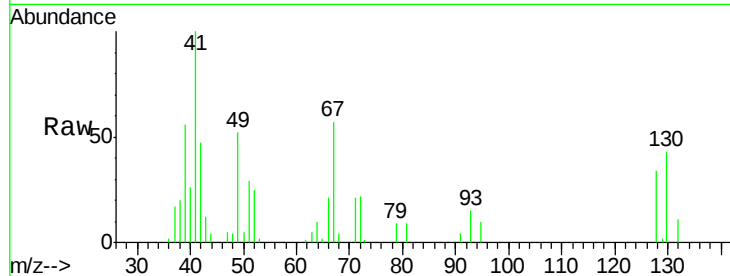
#41
Methacrylonitrile
Concen: 15.239 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	41	Resp	19071
Ion	Ratio	Lower	Upper
41	100		
39	193.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

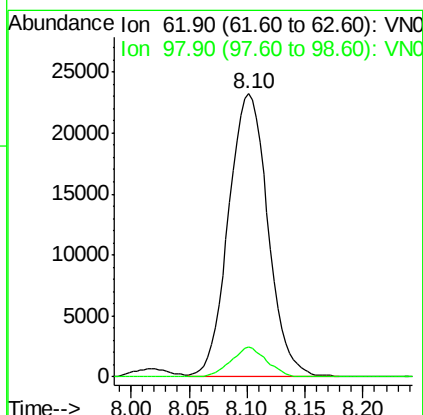
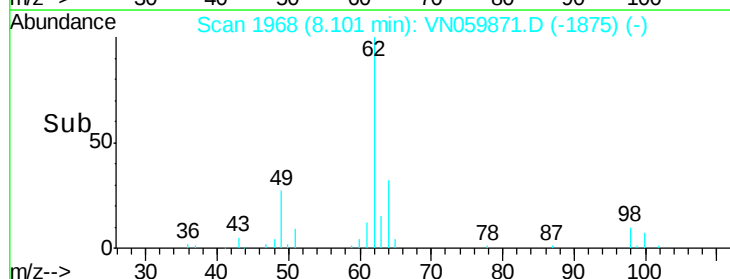
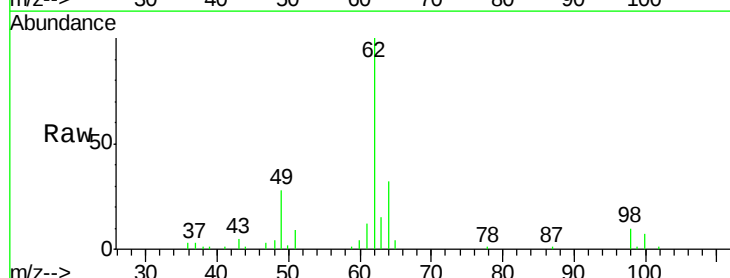
Manual Integrations
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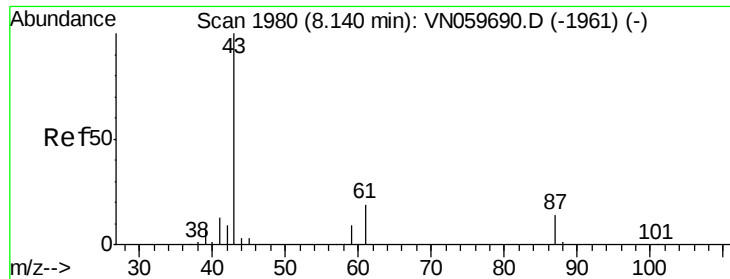
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#42
1,2-Dichloroethane
Concen: 20.094 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	62	Resp	55040
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.956 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

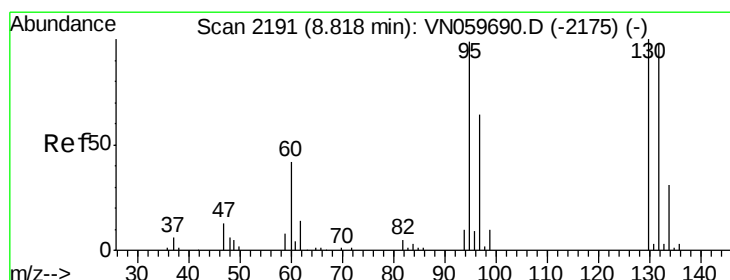
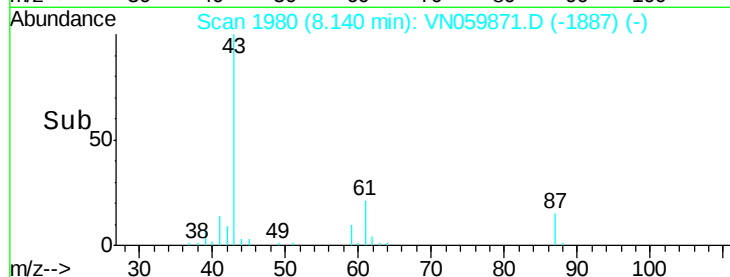
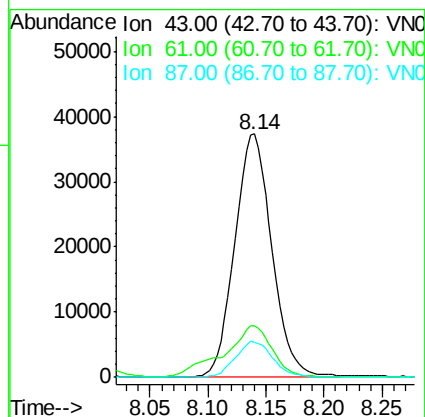
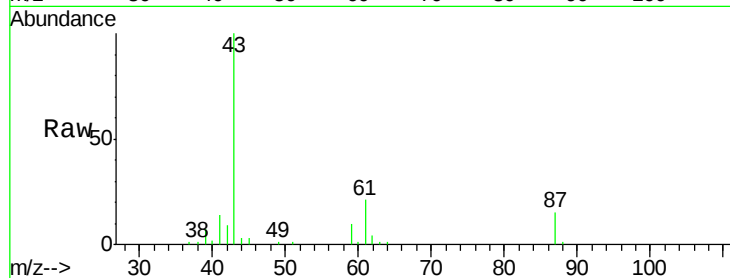
ClientSampleId :

VN0127MBSD01

Tot Ion:	43	Resp:	82839
Ion	Ratio	Lower	Upper
43	100		
61	27.9	20.2	30.2
87	14.8	9.5	14.3#

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#44

Trichloroethene

Concen: 20.412 ug/l

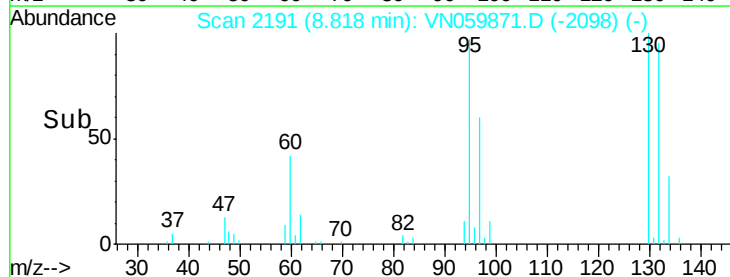
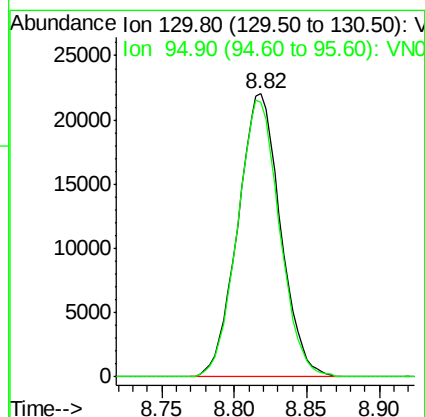
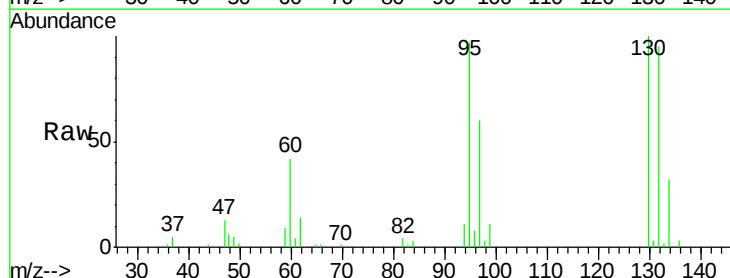
RT: 8.82 min Scan# 2191

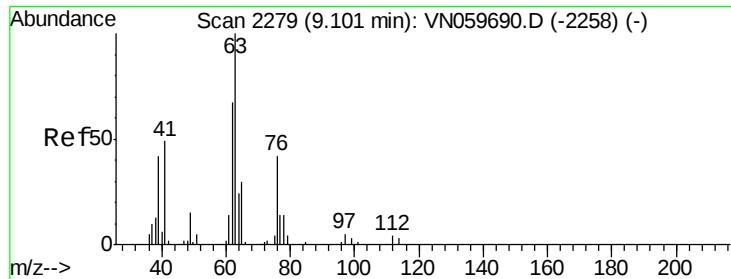
Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Tgt Ion:	130	Resp:	45017
Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	207.0





#45

1,2-Dichloropropane

Concen: 19.396 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

Tot Ion: 63 Resp: 38775

Ion Ratio Lower Upper

63 100

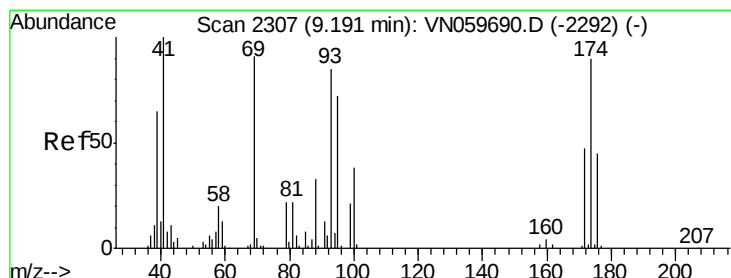
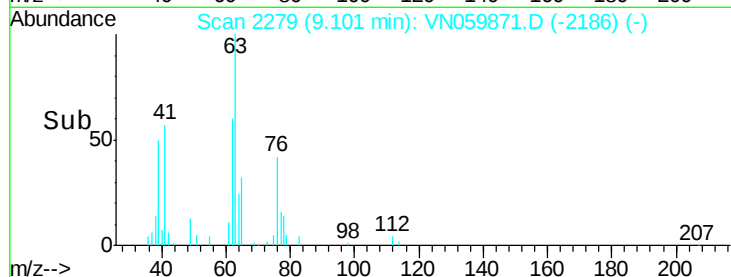
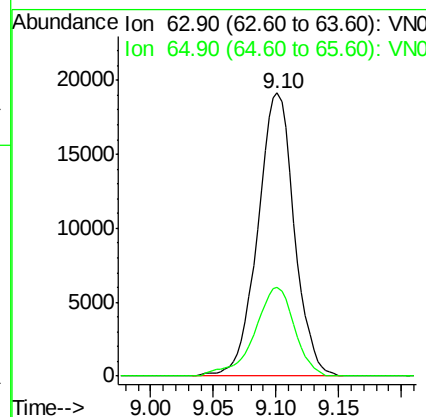
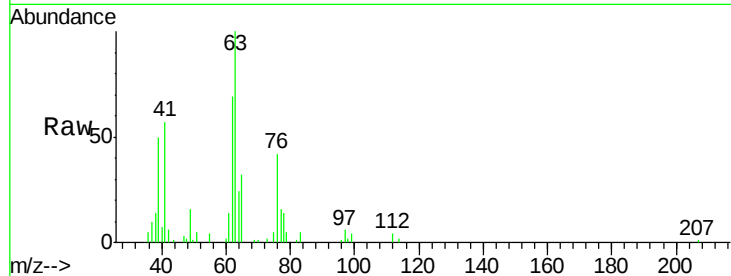
65 31.6 24.9 37.3

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#46

Dibromomethane

Concen: 19.997 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

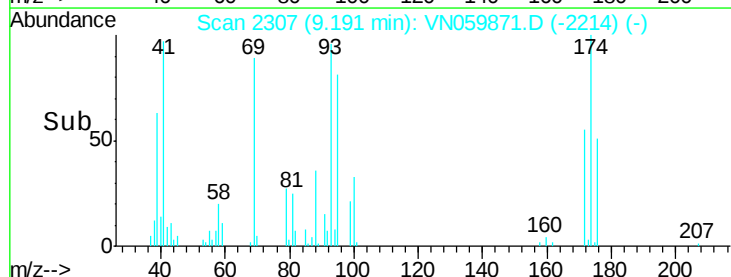
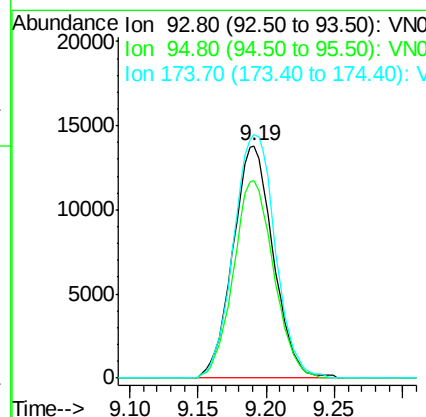
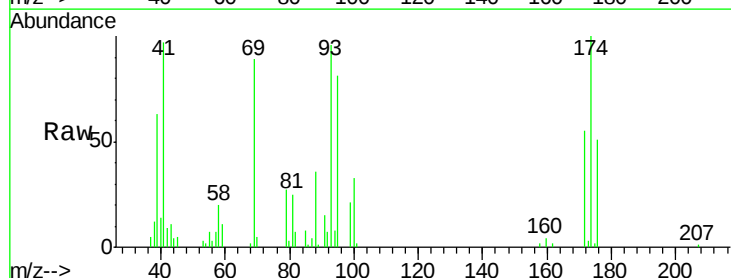
Tgt Ion: 93 Resp: 28199

Ion Ratio Lower Upper

93 100

95 85.3 67.0 100.6

174 108.9 73.4 110.2





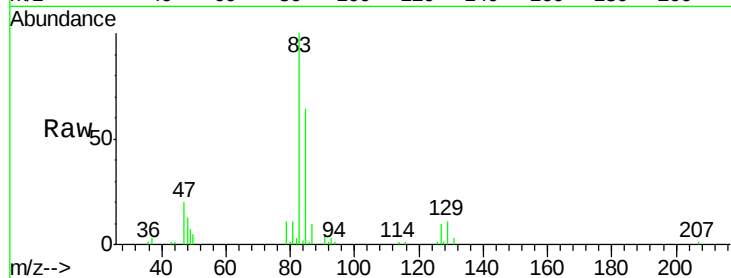
#47
Bromodichloromethane
Concen: 19.858 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.1	76.7
127	9.6	6.6	9.8

Manual Integrations
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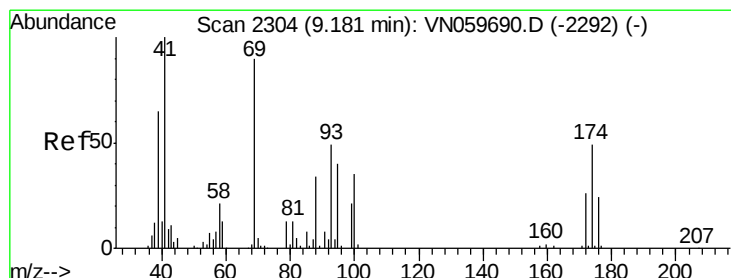
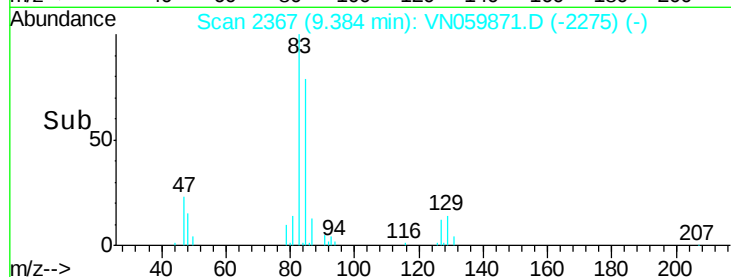
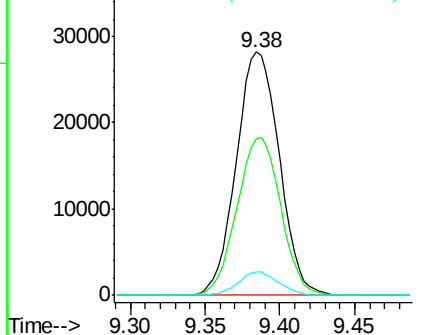
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Abundance Ion 82.90 (82.60 to 83.60): VN059871.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059871.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059871.D (-2275) (-)



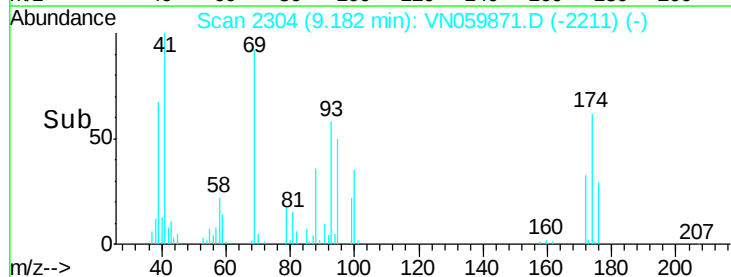
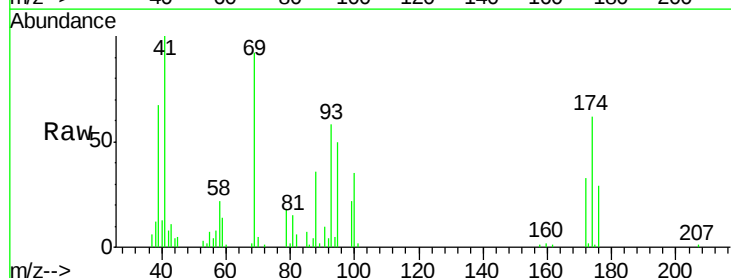
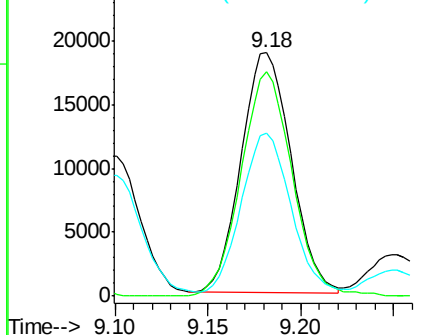
#48
Methyl methacrylate
Concen: 18.097 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.5	64.4	96.6
39	68.9	51.3	76.9

Abundance Ion 41.00 (40.70 to 41.70): VN059871.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN059871.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN059871.D (-2211) (-)





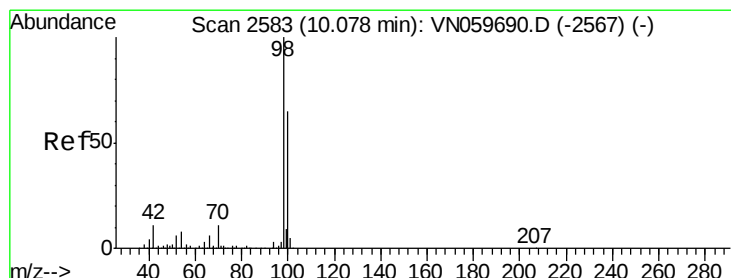
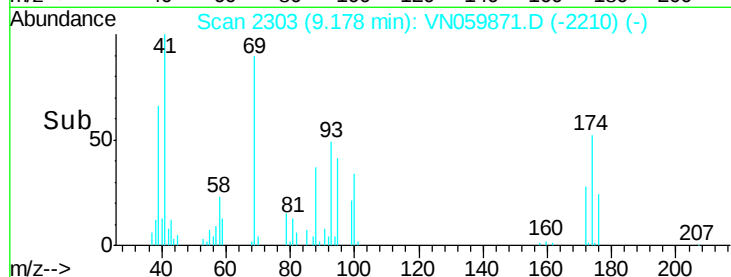
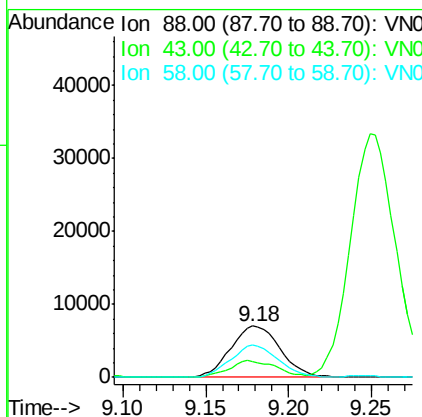
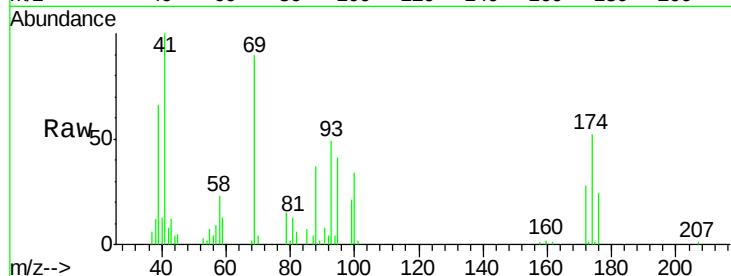
#49
1,4-Dioxane
Concen: 410.044 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	29.7	44.5
58	60.0	56.6	85.0

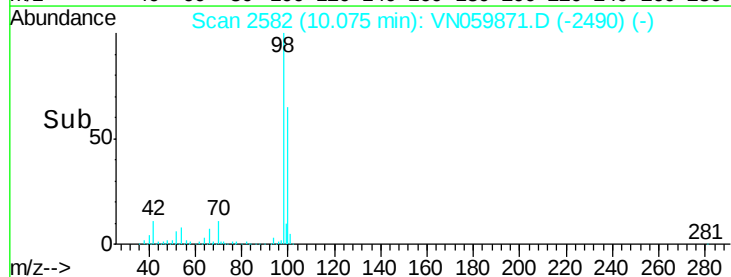
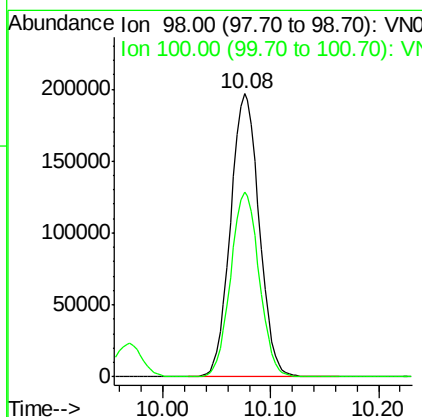
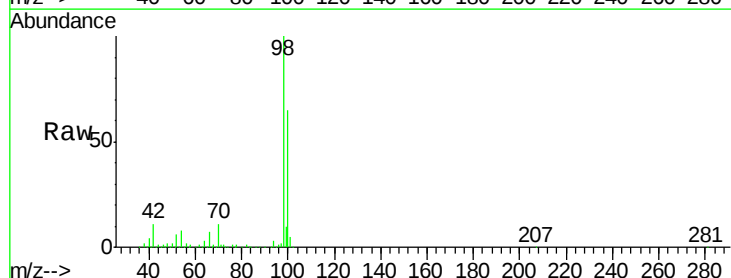
Manual Integrations
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1/28/2020 9:24:46 AM



#50
Toluene-d8
Concen: 50.422 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 94.391 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

Tot Ion: 43 Resp: 238451

Ion Ratio Lower Upper

43 100

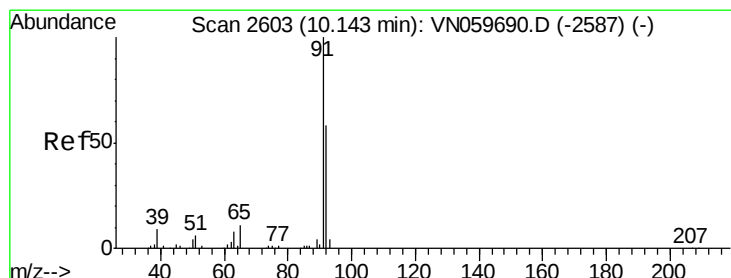
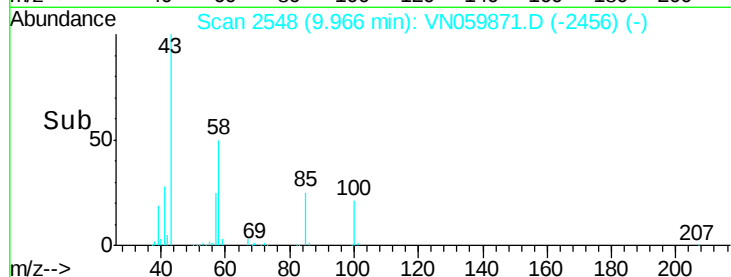
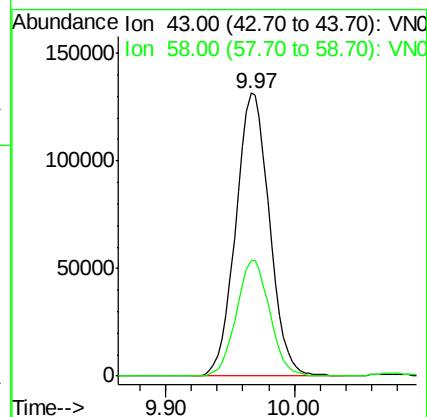
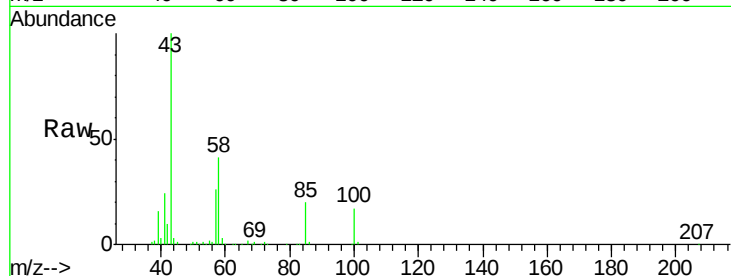
58 40.6 29.8 44.8

Manual Integrations

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#52

Toluene

Concen: 19.317 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN059871.D

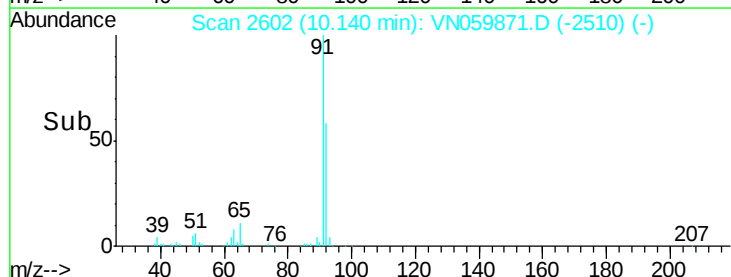
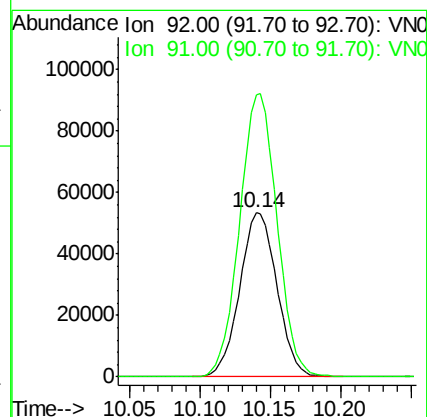
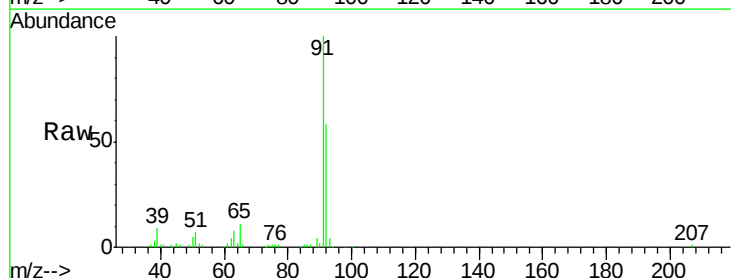
Acq: 27 Jan 2020 14:42

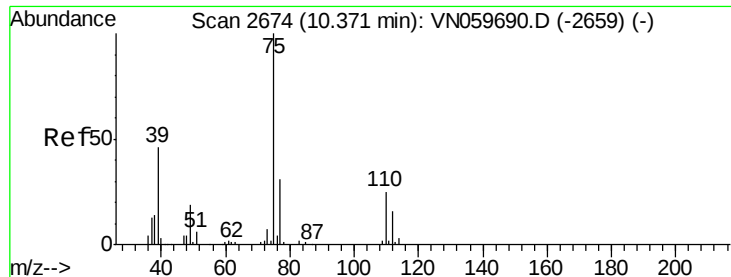
Tgt Ion: 92 Resp: 98576

Ion Ratio Lower Upper

92 100

91 174.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.663 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

Tot Ion: 75 Resp: 62392

Ion Ratio Lower Upper

75 100

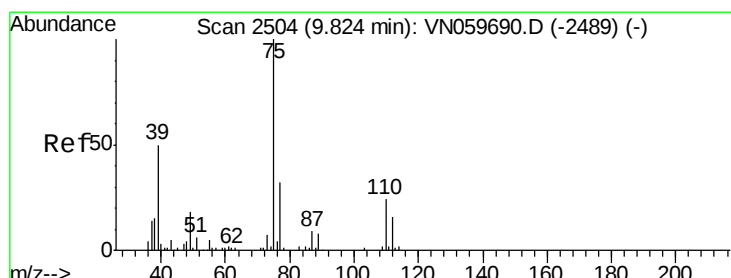
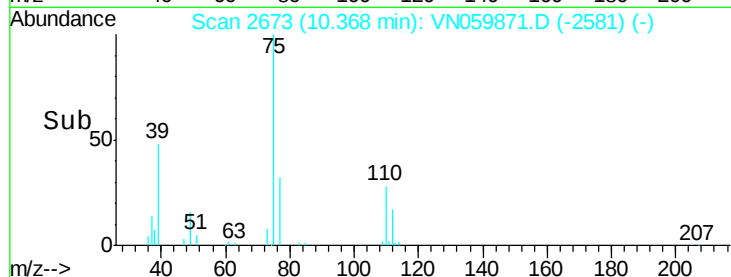
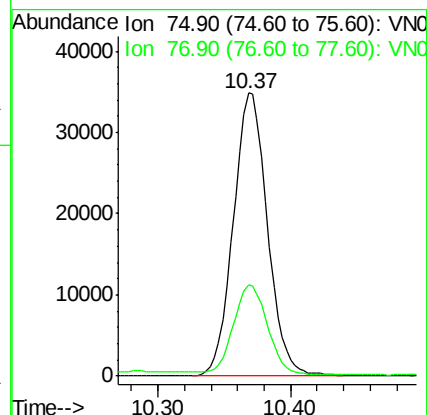
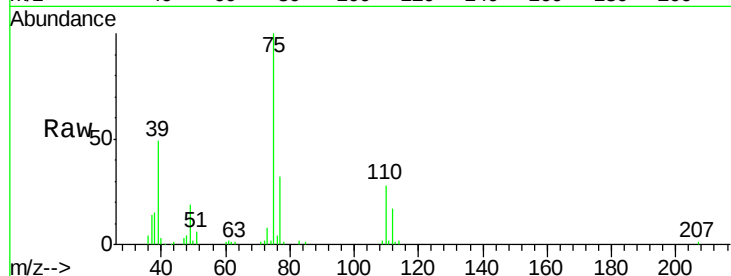
77 31.6 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.910 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

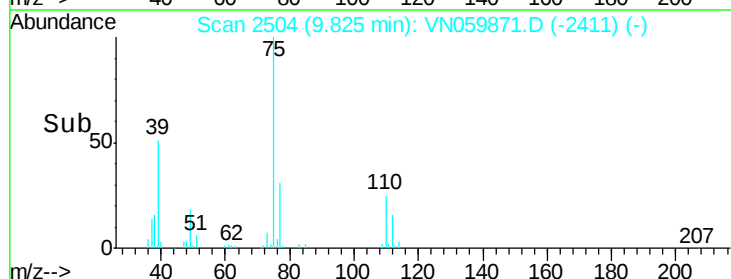
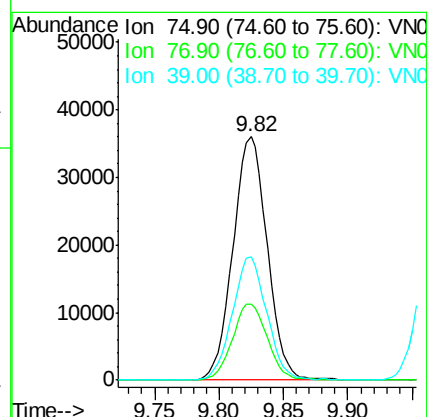
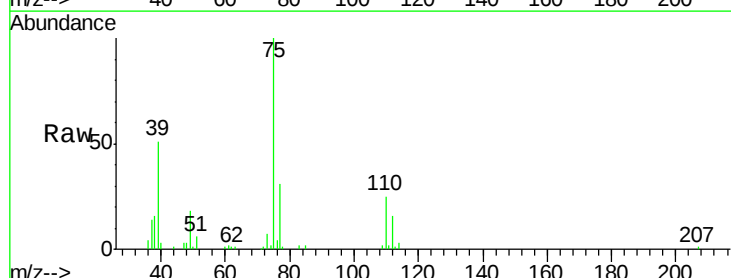
Tgt Ion: 75 Resp: 66472

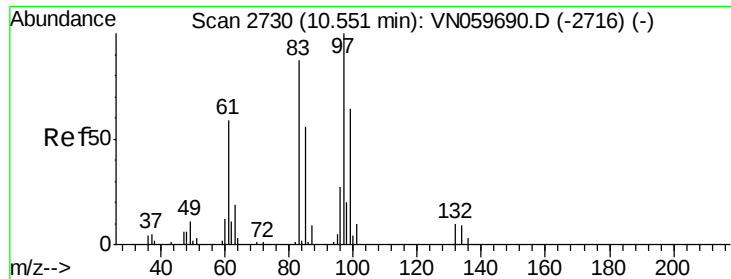
Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 50.8 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 20.410 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

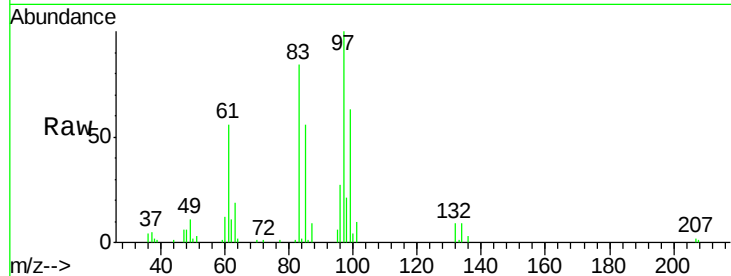
ClientSampleId :

VN0127MBSD01

Tot Ion:	97	Resp:	41249
Ion	Ratio	Lower	Upper
97	100		
83	84.3	71.3	106.9
85	55.7	45.8	68.8
99	62.6	50.0	75.0

Manual Integrations
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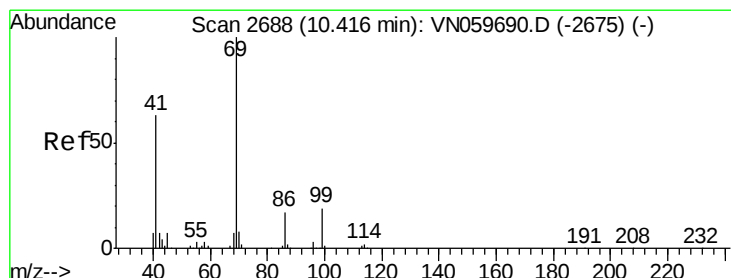
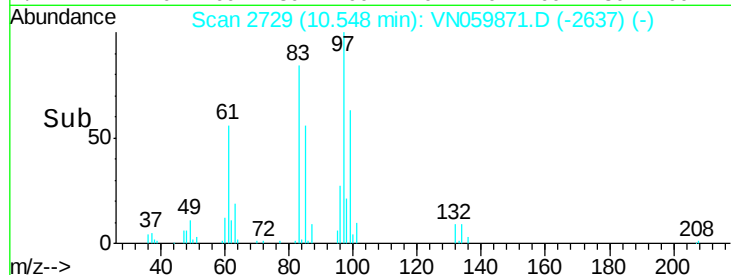
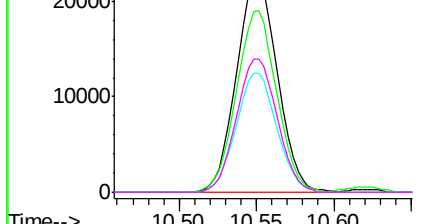


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.439 ug/l

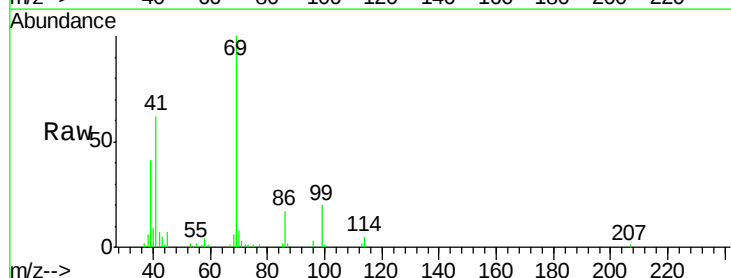
RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

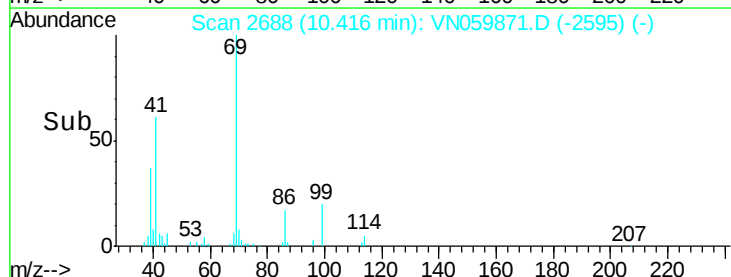
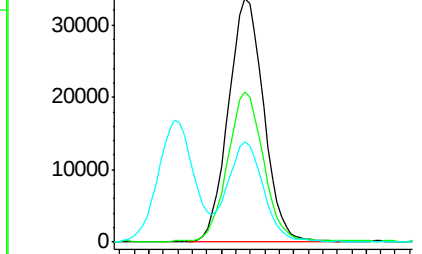
Tgt Ion:	69	Resp:	56944
Ion	Ratio	Lower	Upper
69	100		
41	62.7	57.1	85.7
39	41.6	34.7	52.1



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.353 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

Tot Ion: 76 Resp: 65308

Ion Ratio Lower Upper

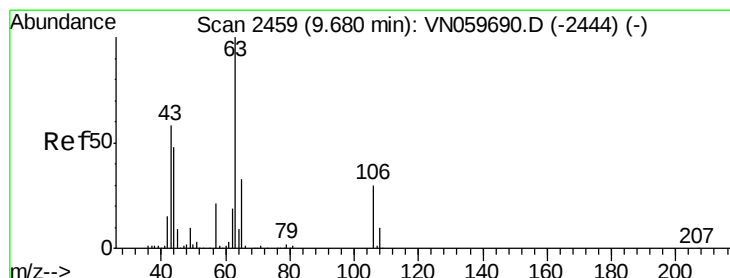
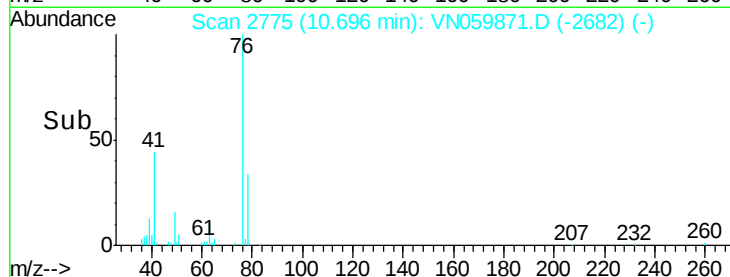
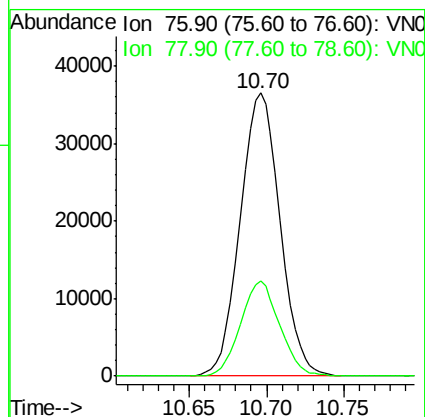
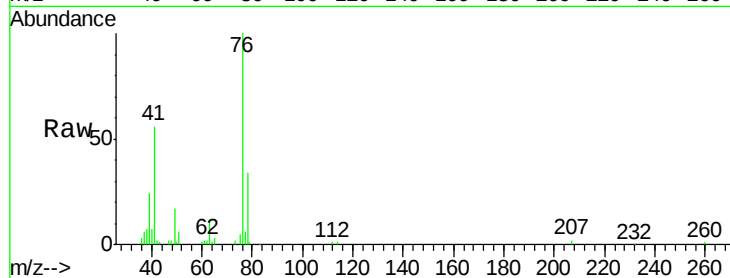
76 100

78 32.8 25.8 38.8

Manual Integrations
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1/28/2020 9:24:46 AM



#58

2-Chloroethyl Vinyl ether

Concen: 99.285 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059871.D

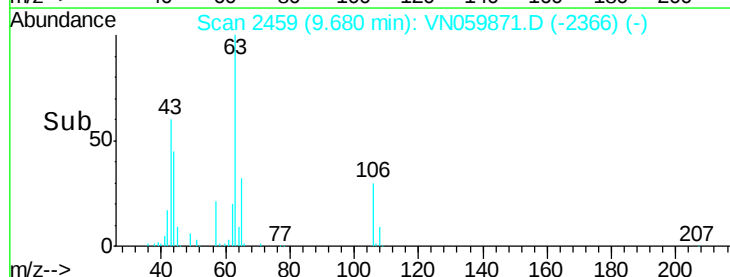
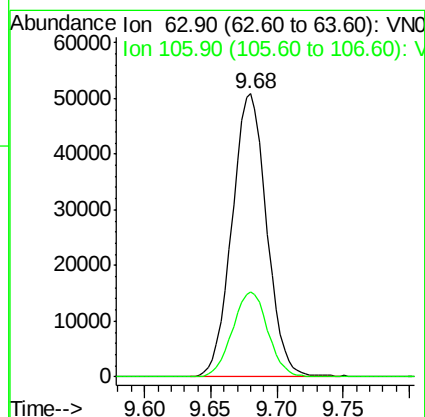
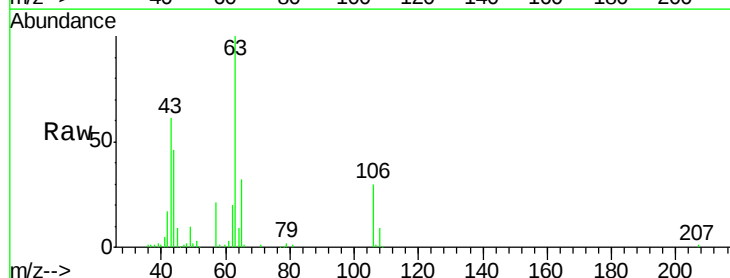
Acq: 27 Jan 2020 14:42

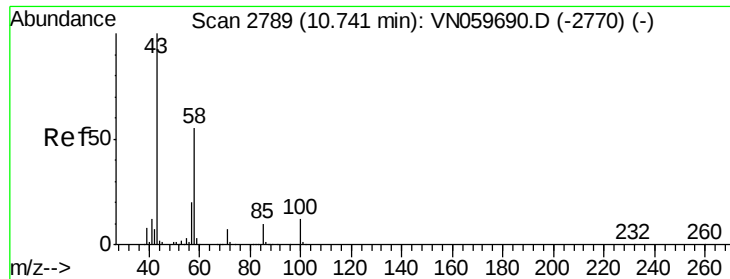
Tgt Ion: 63 Resp: 92352

Ion Ratio Lower Upper

63 100

106 30.6 20.2 30.2#





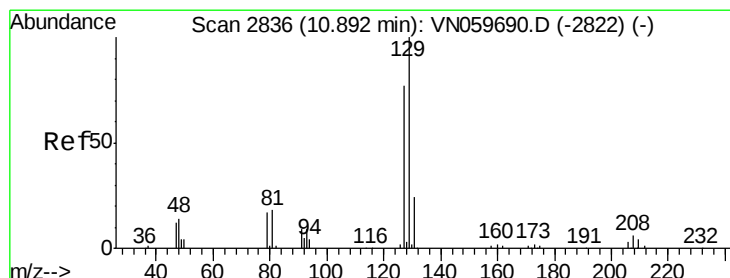
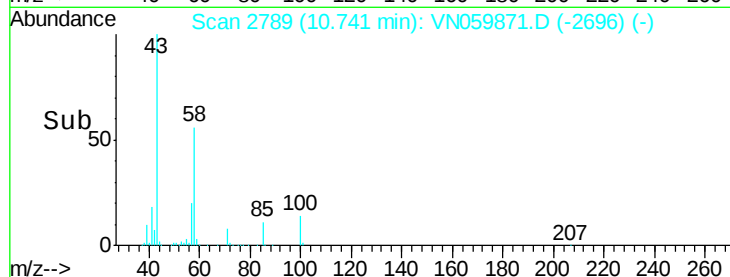
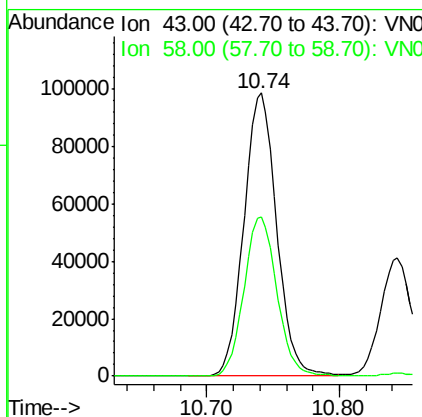
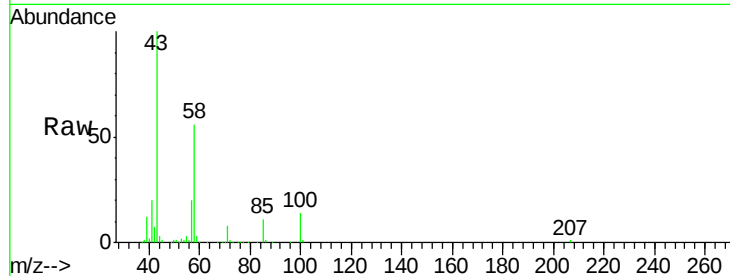
#59
2-Hexanone
Concen: 90.985 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion: 43 Resp: 169329
Ion Ratio Lower Upper
43 100
58 56.5 25.8 77.3

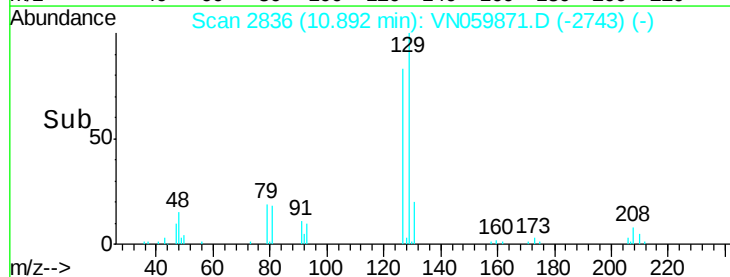
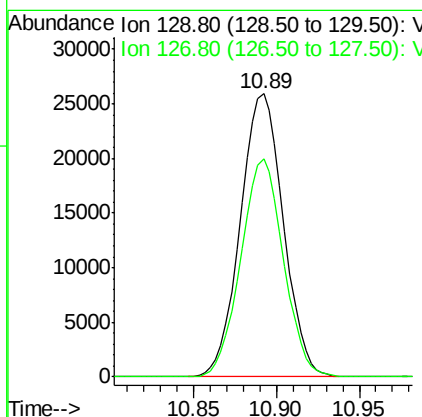
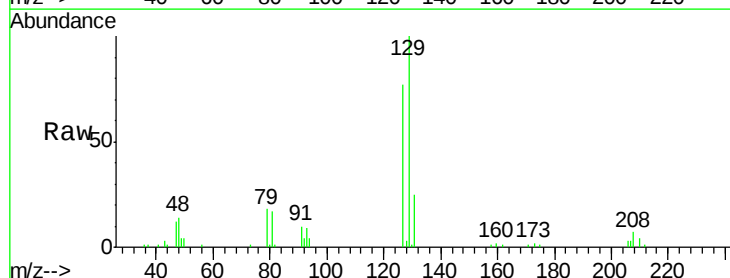
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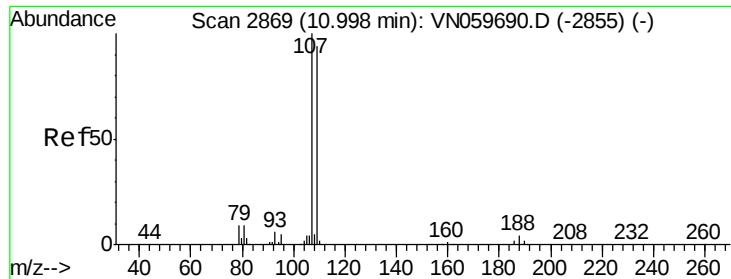
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1/28/2020 9:24:46 AM



#60
Dibromochloromethane
Concen: 20.289 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 129 Resp: 46695
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





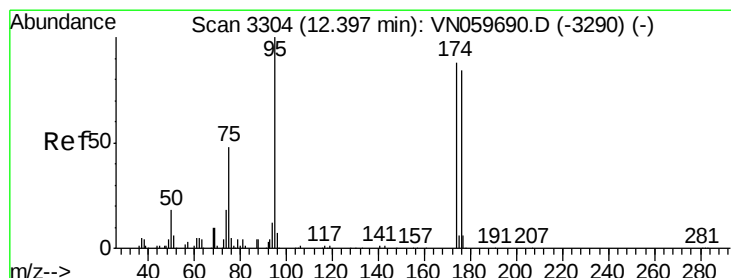
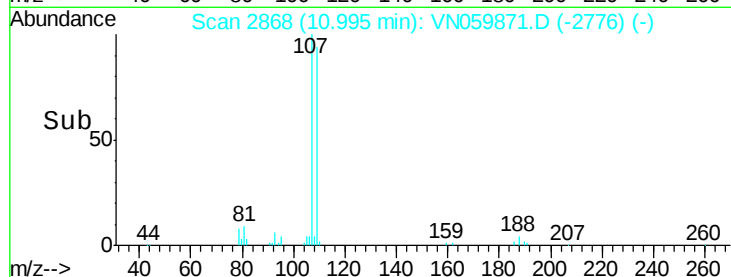
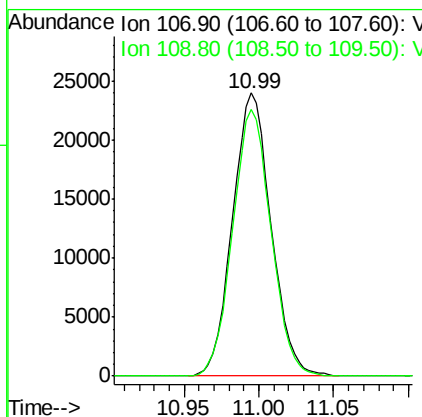
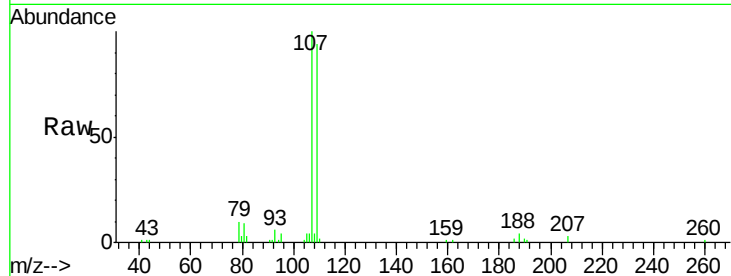
#61
 1,2-Dibromoethane
 Concen: 20.276 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

Tot Ion:107 Resp: 42952
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.6 115.0

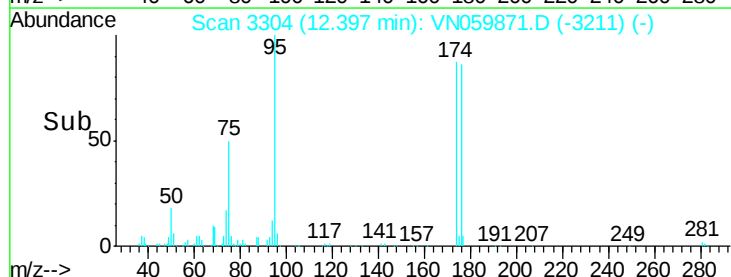
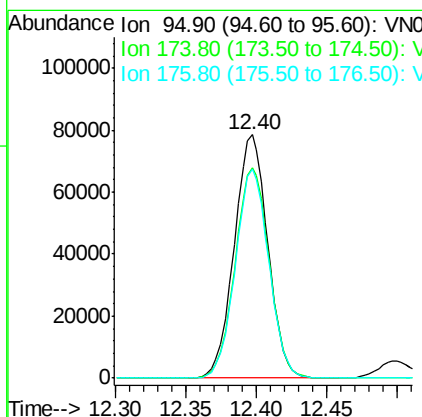
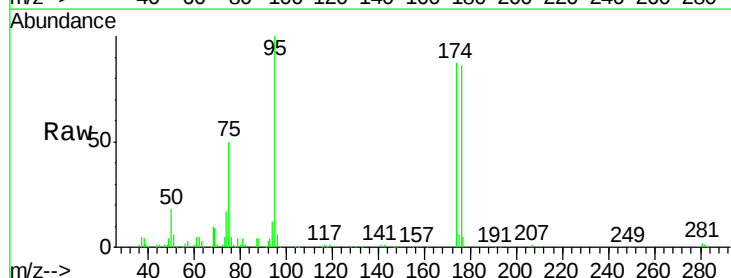
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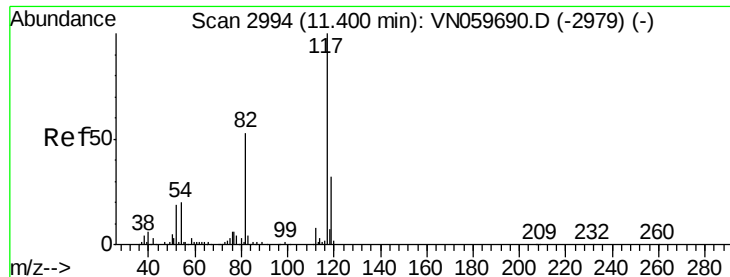
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#62
 4-Bromofluorobenzene
 Concen: 50.438 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion: 95 Resp: 130684
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 151.4
 176 85.4 0.0 146.0





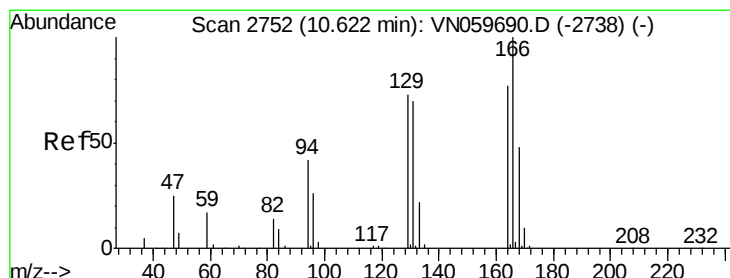
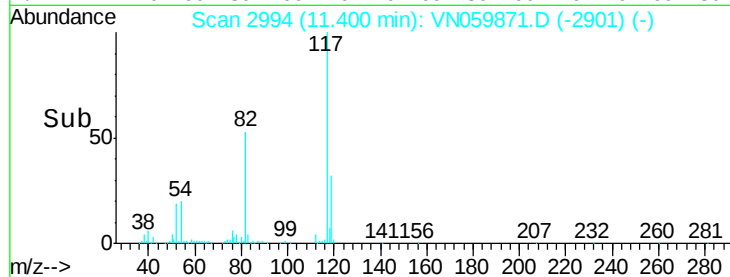
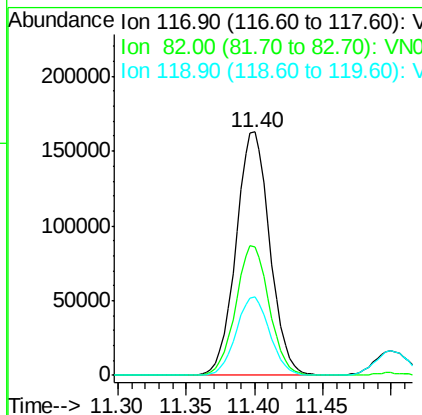
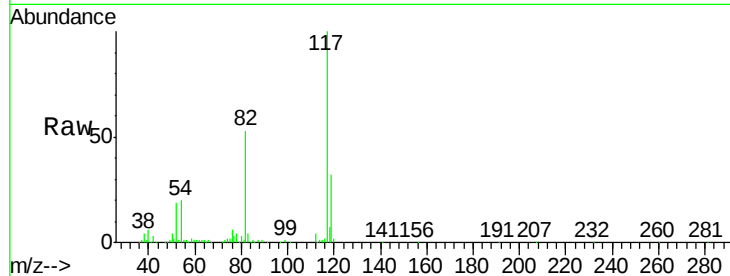
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	45.9	68.9
119	32.0	25.5	38.3

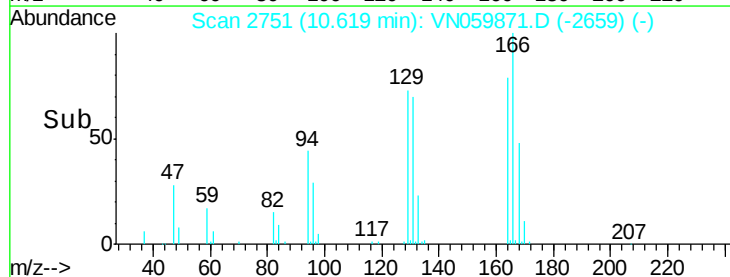
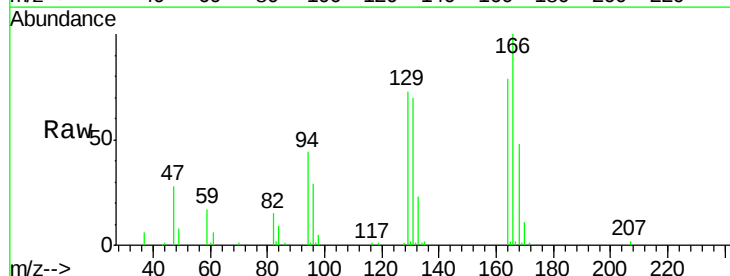
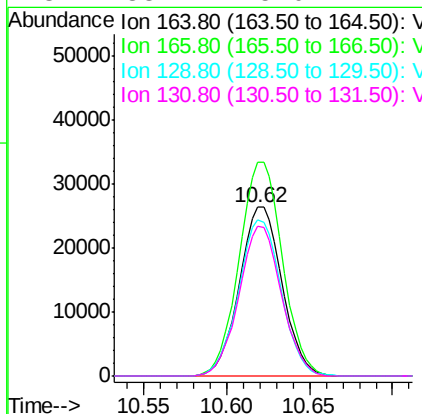
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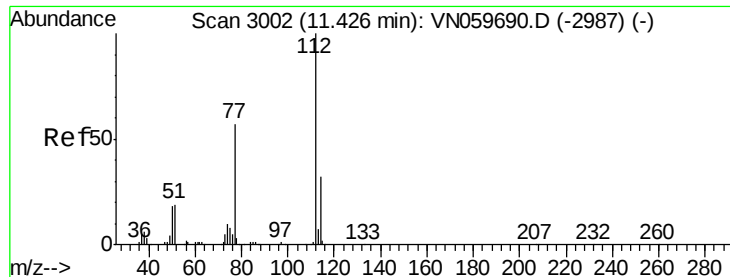
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#64
Tetrachloroethene
Concen: 20.663 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.4	152.0
129	92.2	80.2	120.4
131	88.4	75.0	112.4





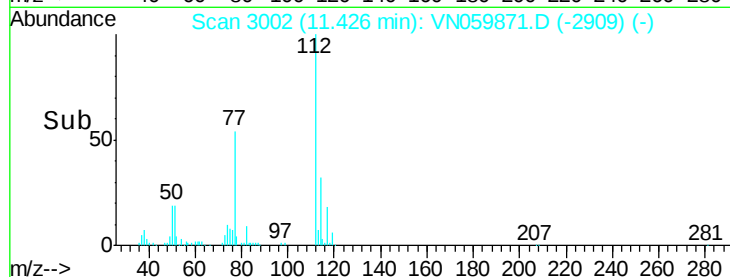
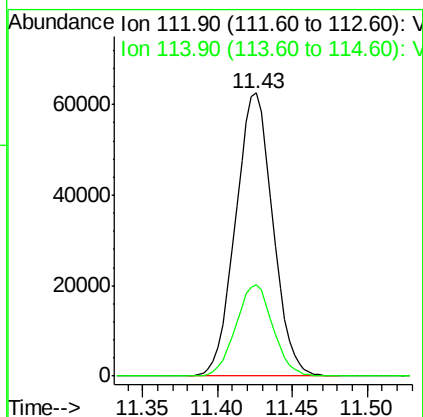
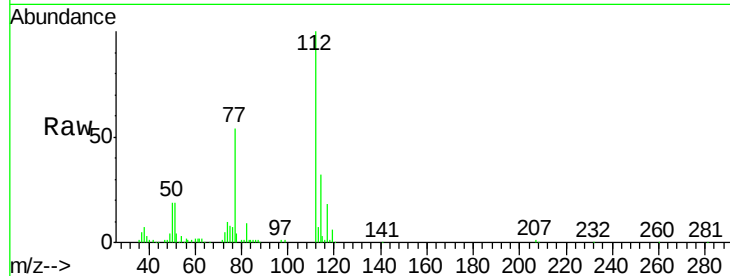
#65
Chlorobenzene
Concen: 19.743 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion:112 Resp: 108560
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

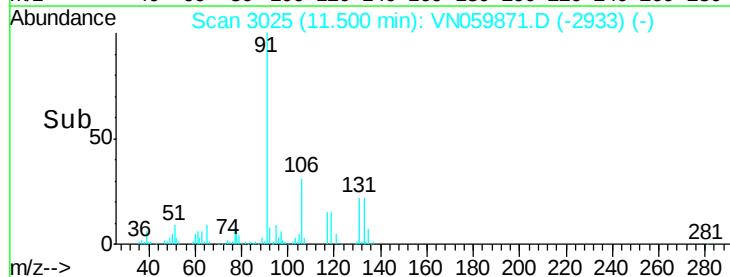
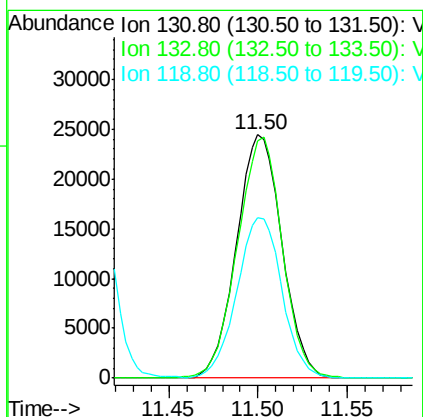
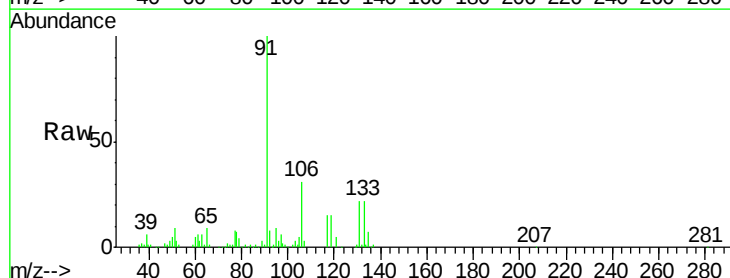
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.417 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion:131 Resp: 43380
Ion Ratio Lower Upper
131 100
133 97.9 47.4 142.2
119 65.3 33.1 99.3





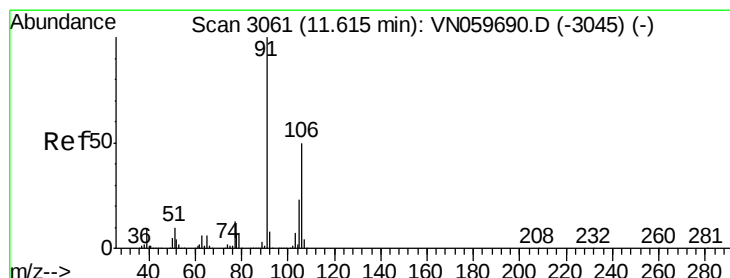
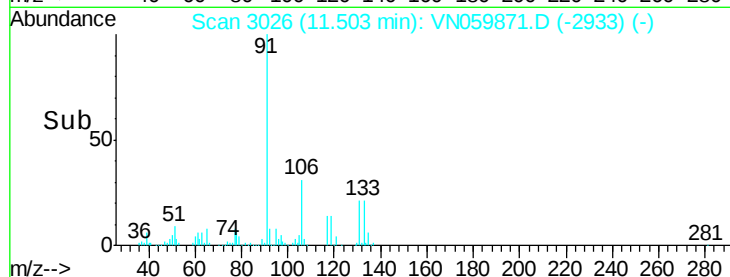
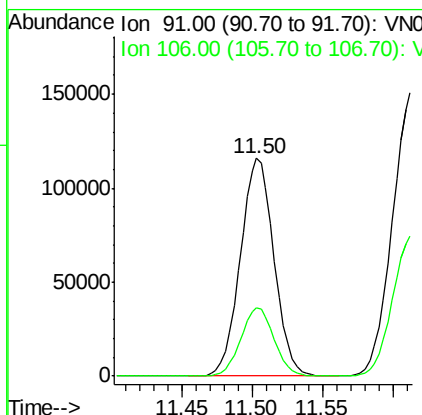
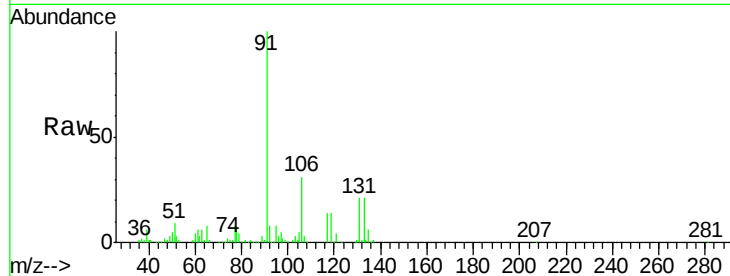
#67
Ethyl Benzene
Concen: 19.366 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
VN0127MBS01

Tot Ion: 91 Resp: 193306
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1

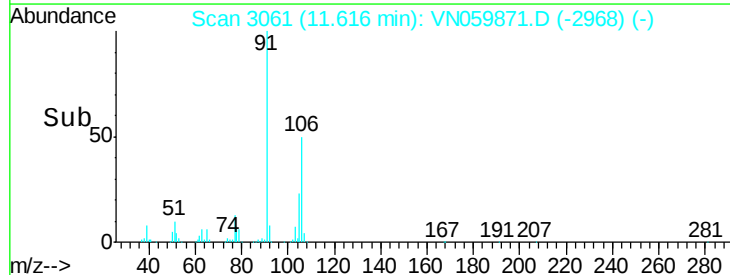
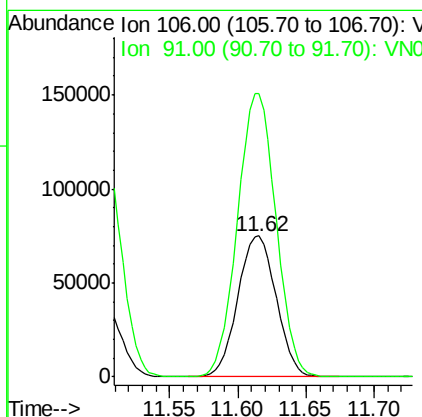
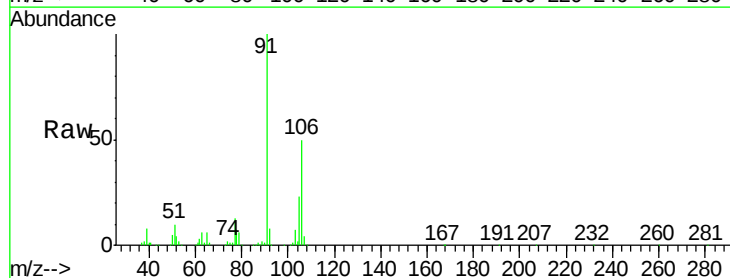
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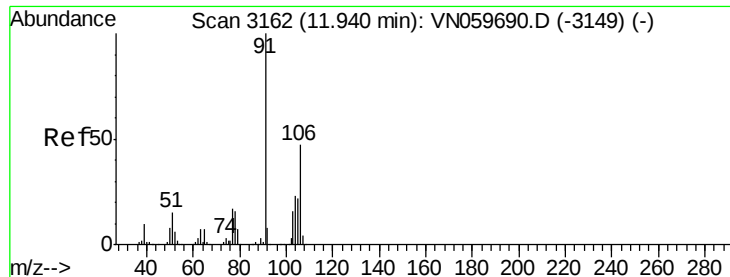
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#68
m/p-Xylenes
Concen: 38.836 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion: 106 Resp: 146433
Ion Ratio Lower Upper
106 100
91 201.4 167.9 251.9





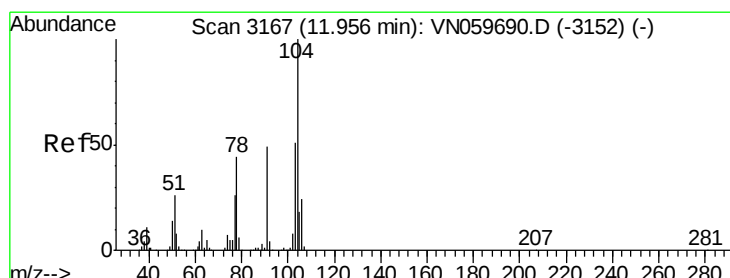
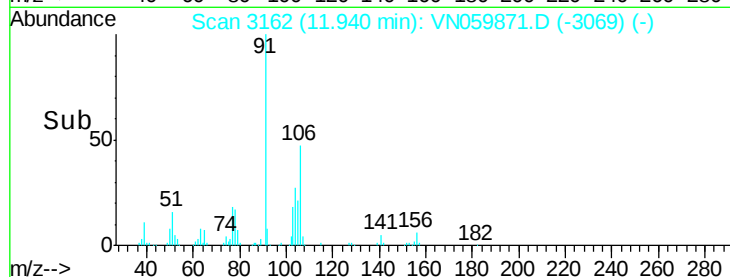
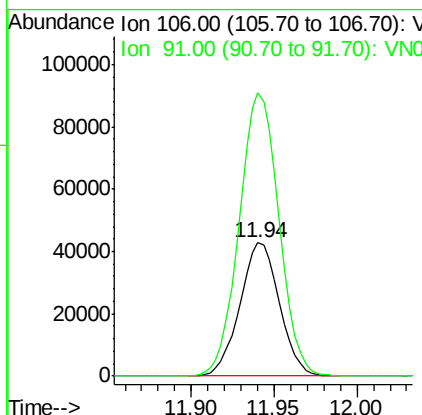
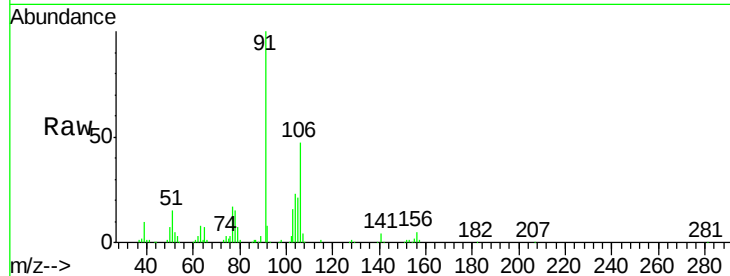
#69
o-Xylene
Concen: 19.203 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
VN0127MBSD01

Tot Ion:106 Resp: 70886
Ion Ratio Lower Upper
106 100
91 214.1 110.3 330.9

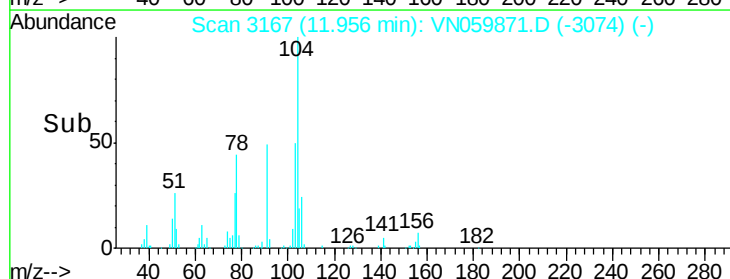
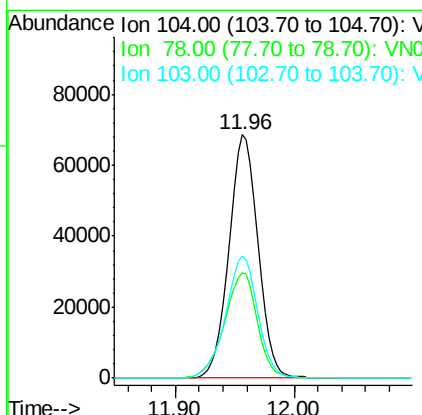
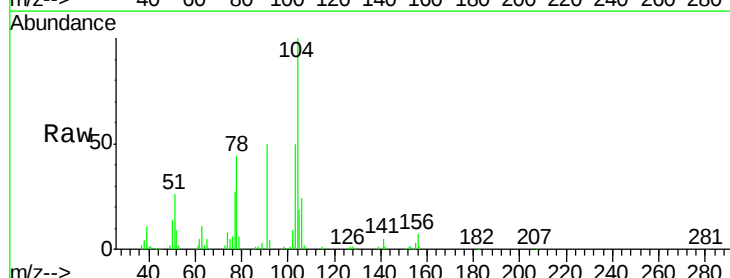
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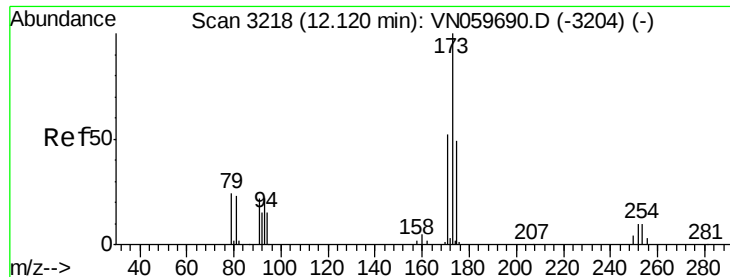
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#70
Styrene
Concen: 18.829 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion:104 Resp: 116309
Ion Ratio Lower Upper
104 100
78 47.9 42.4 63.6
103 55.2 43.9 65.9





#71

Bromoform

Concen: 20.322 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

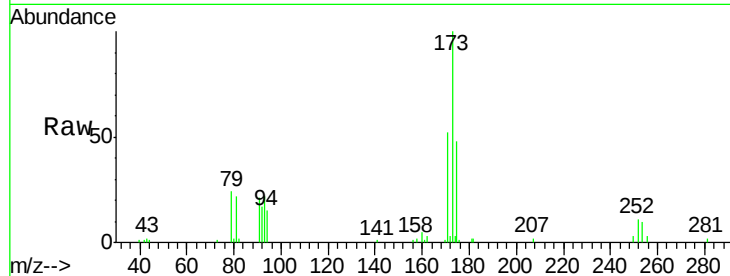
ClientSampleId :

VN0127MBSD01

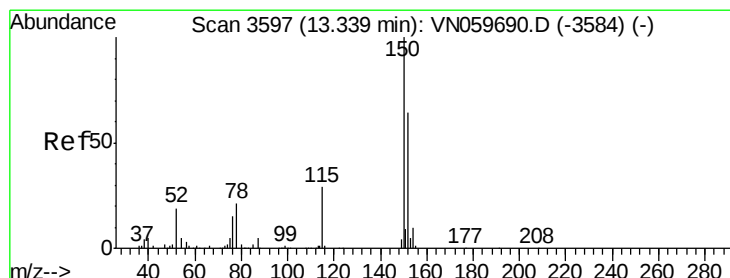
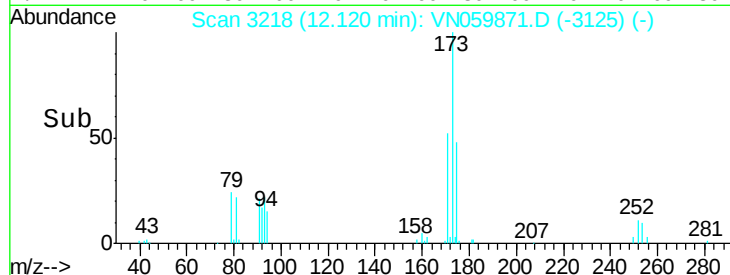
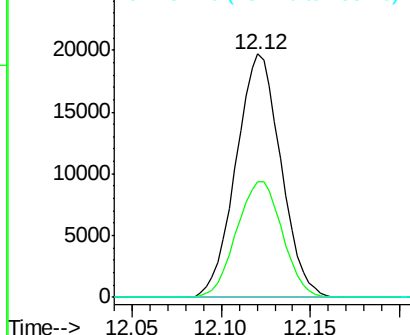
Tot Ion:	173	Resp:	34587
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.8	71.4
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

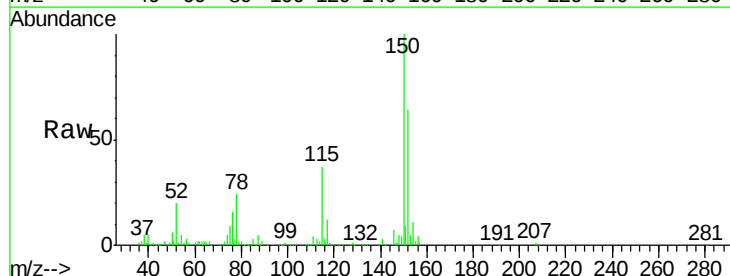
RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

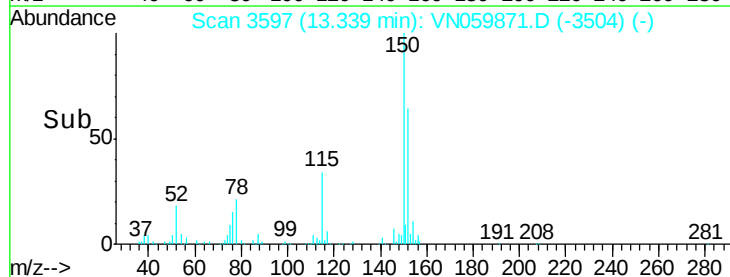
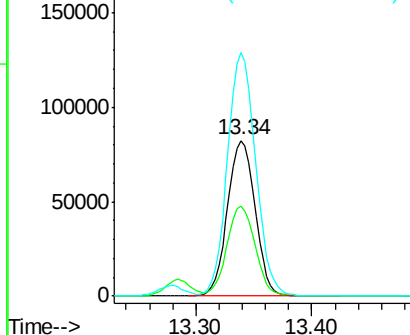
Lab File: VN059871.D

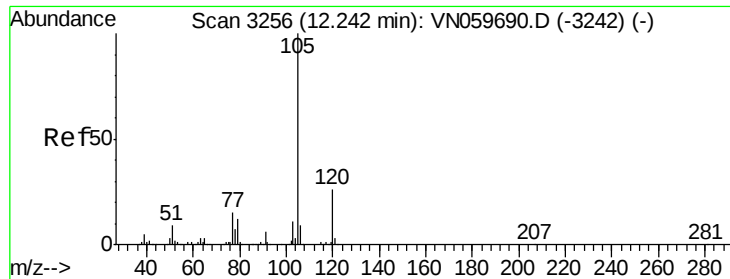
Acq: 27 Jan 2020 14:42

Tgt Ion:	152	Resp:	136715
Ion Ratio	Lower	Upper	
152	100		
115	58.3	30.3	90.9
150	158.6	0.0	345.2



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





#73

Isopropylbenzene

Concen: 19.063 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

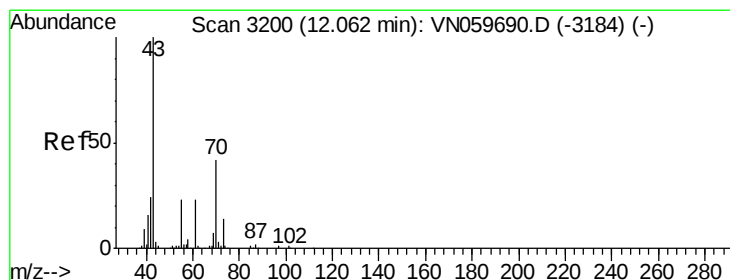
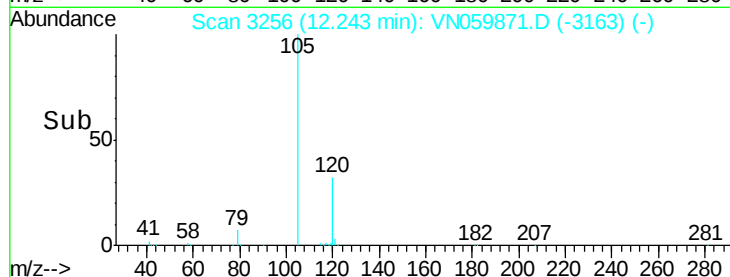
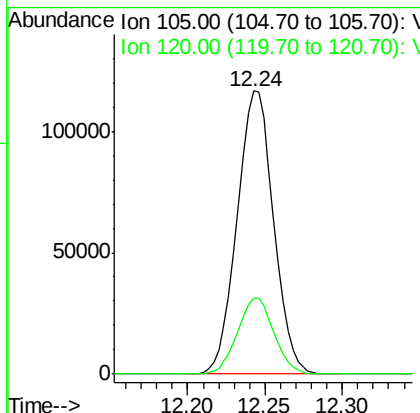
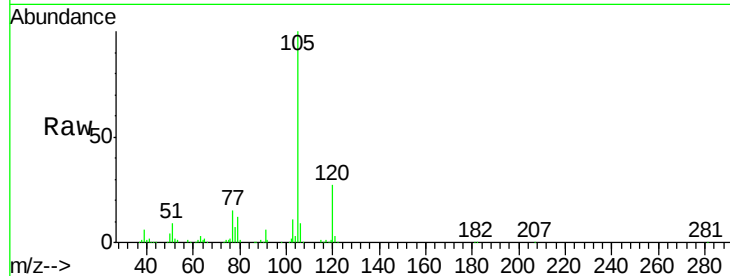
ClientSampleId :

VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.2	39.5

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#74

N-ethyl acetate

Concen: 17.333 ug/l

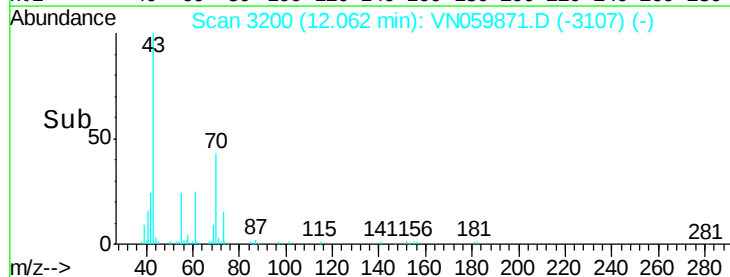
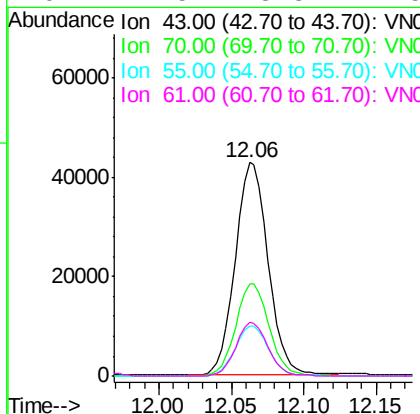
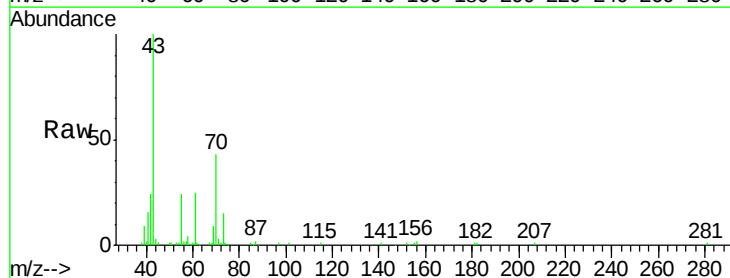
RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.2	31.3	46.9
55	24.0	19.8	29.6
61	24.5	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.063 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

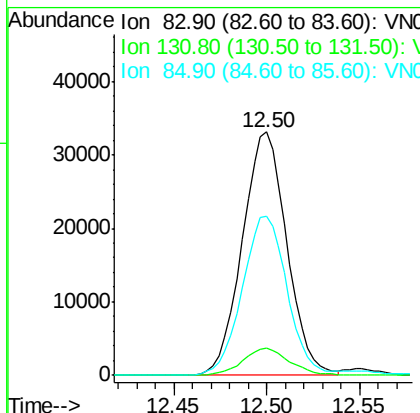
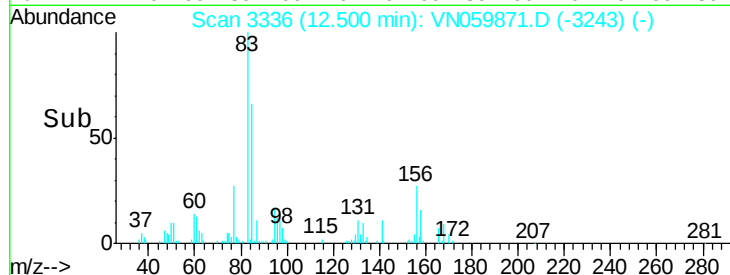
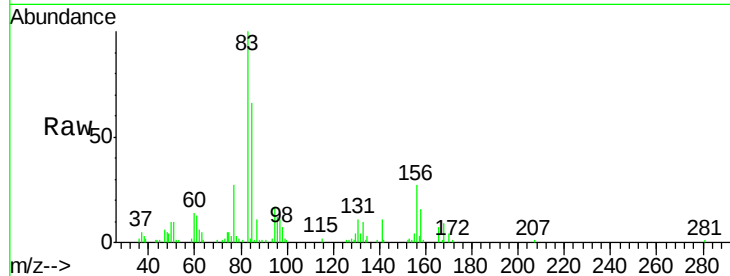
ClientSampleId :

VN0127MBSD01

Tot Ion:	83	Resp:	55412
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.0	14.9
85	65.9	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 22.225 ug/l m

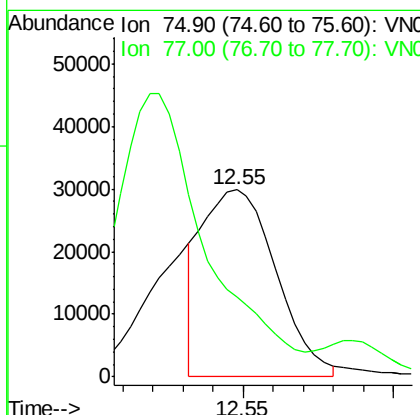
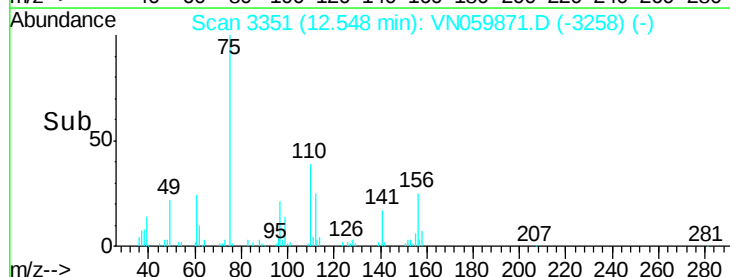
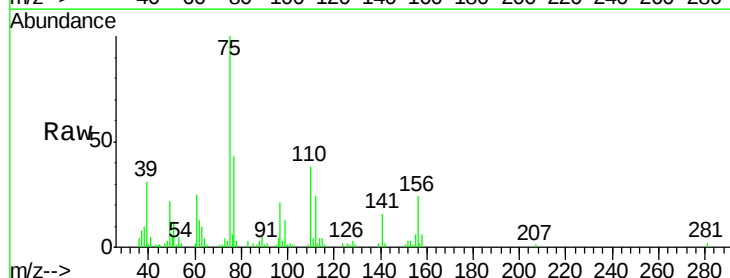
RT: 12.55 min Scan# 3351

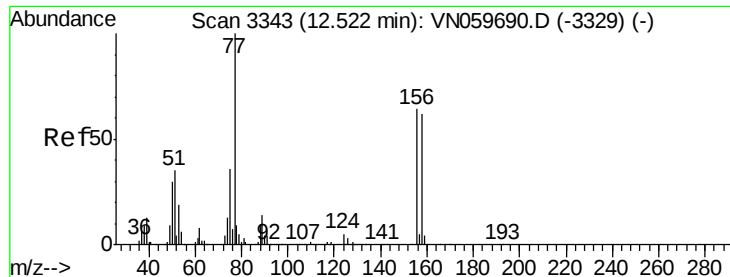
Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Tgt Ion:	75	Resp:	51134
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 31.169 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

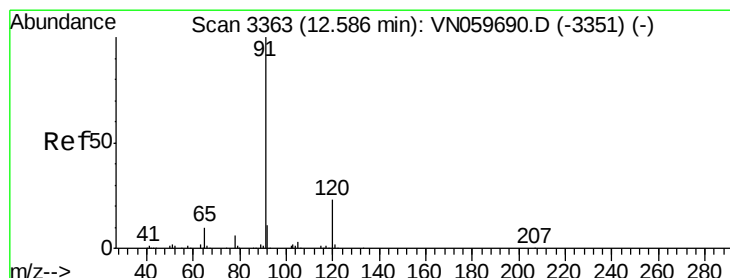
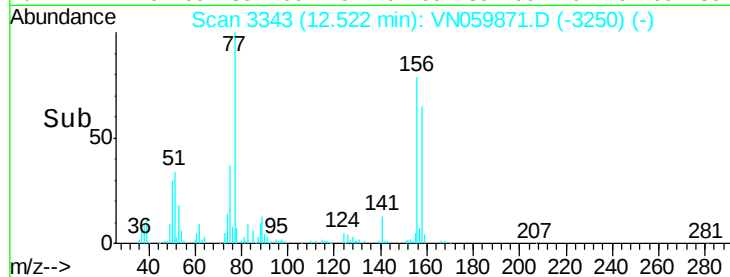
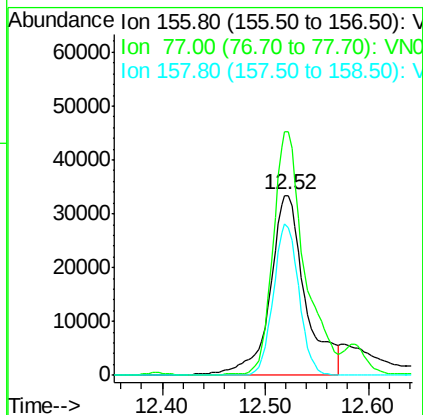
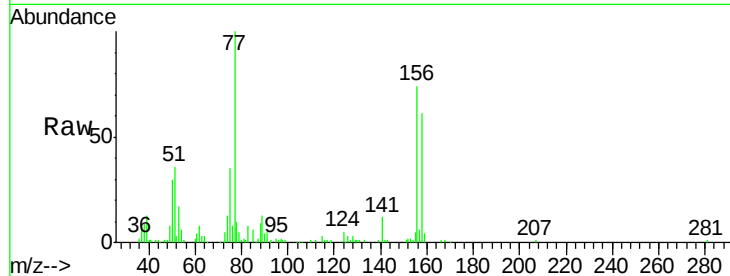
ClientSampleId :

VN0127MBSD01

Tot Ion:	156	Resp:	79143
Ion Ratio	Lower	Upper	
156	100		
77	121.7	115.8	347.4
158	61.3	49.2	147.6

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#78

n-propylbenzene

Concen: 18.952 ug/l

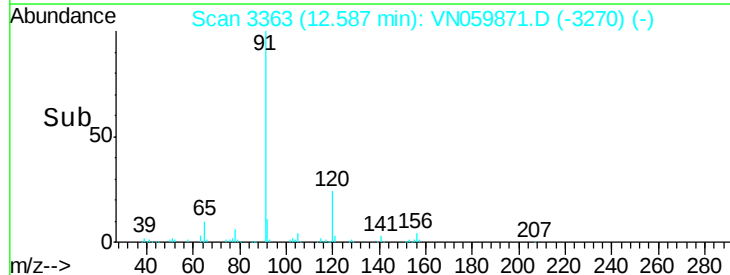
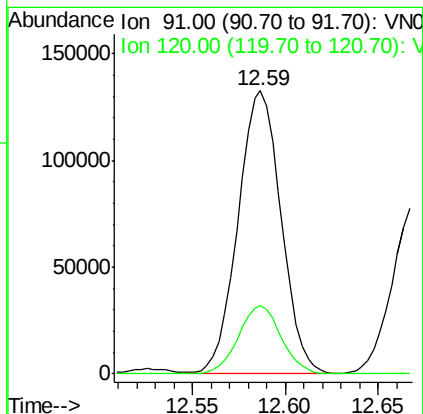
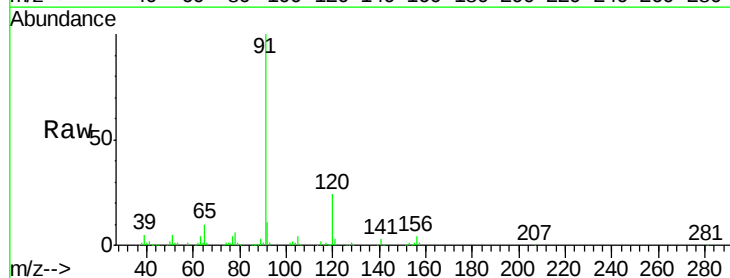
RT: 12.59 min Scan# 3363

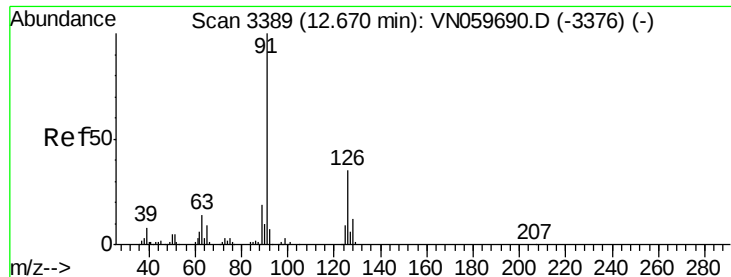
Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Tgt Ion:	91	Resp:	213287
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.1	33.3





#79

2-Chlorotoluene

Concen: 19.051 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBSD01

Tot Ion: 91 Resp: 127546

Ion Ratio Lower Upper

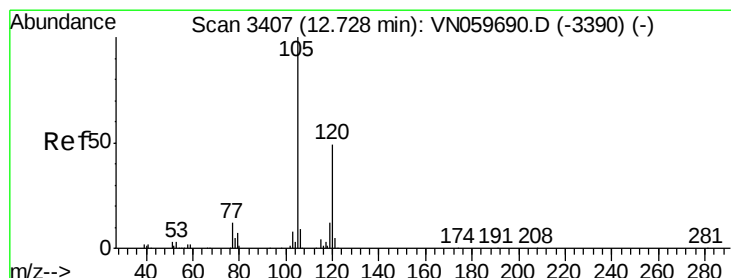
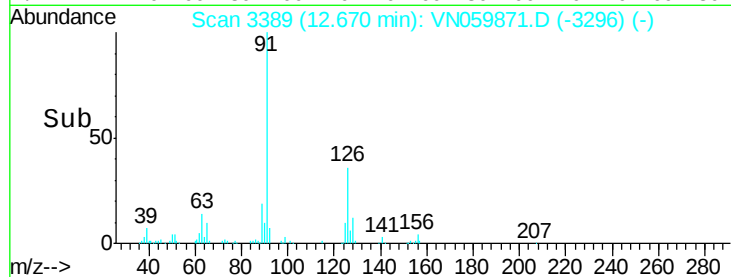
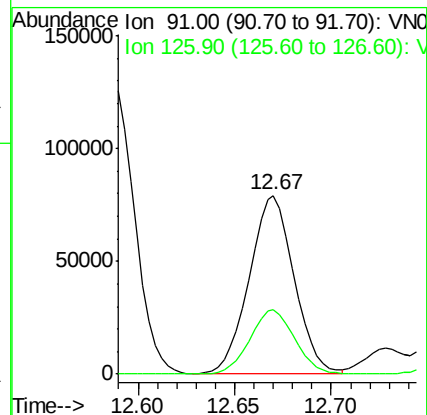
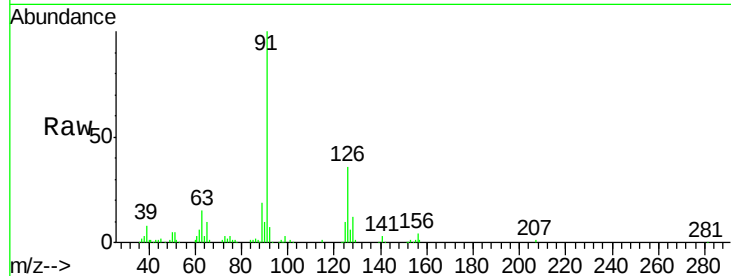
91 100

126 36.3 16.3 48.9

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#80

1,3,5-Trimethylbenzene

Concen: 19.320 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059871.D

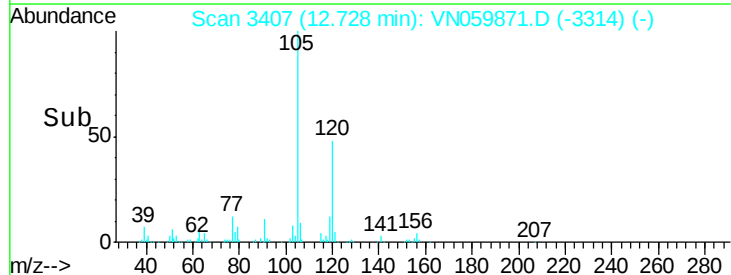
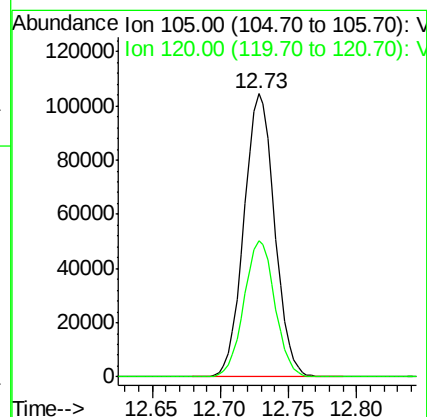
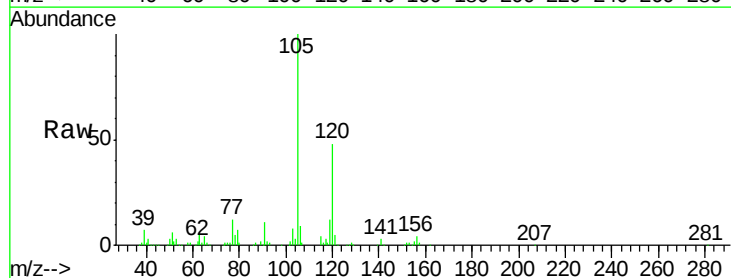
Acq: 27 Jan 2020 14:42

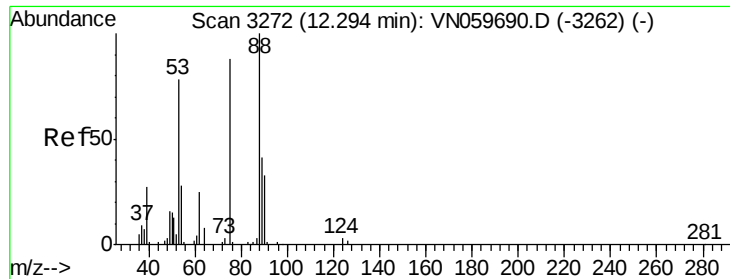
Tgt Ion: 105 Resp: 162912

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.370 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

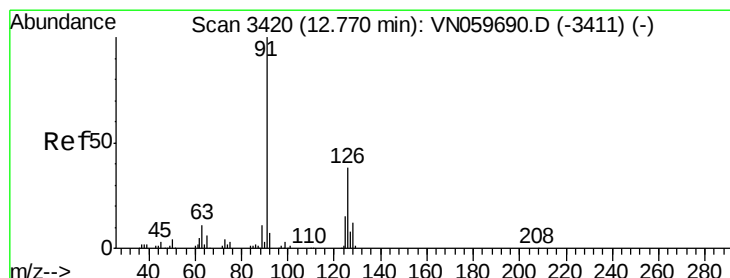
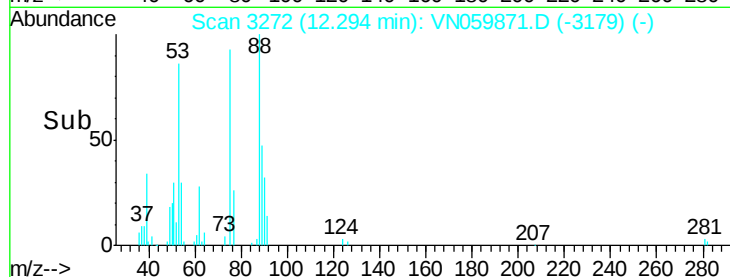
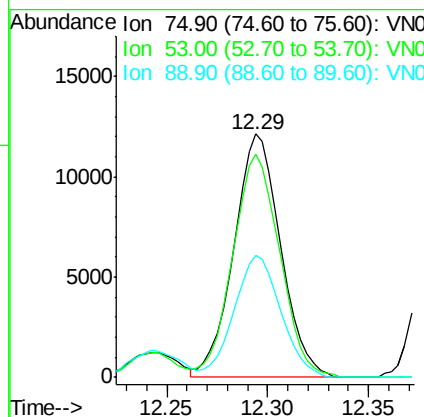
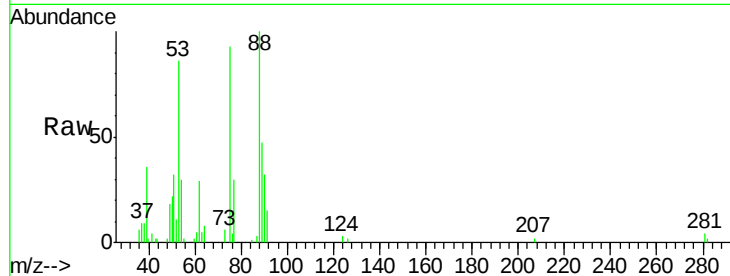
ClientSampleId :

VN0127MBSD01

Tot Ion:	75	Resp:	19681
Ion	Ratio	Lower	Upper
75	100		
53	92.6	78.1	117.1
89	50.3	35.4	53.2

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#82

4-Chlorotoluene

Concen: 18.815 ug/l

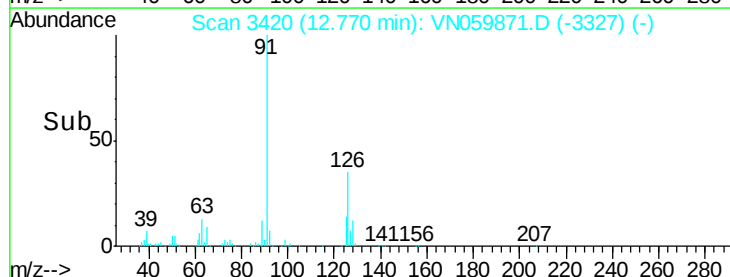
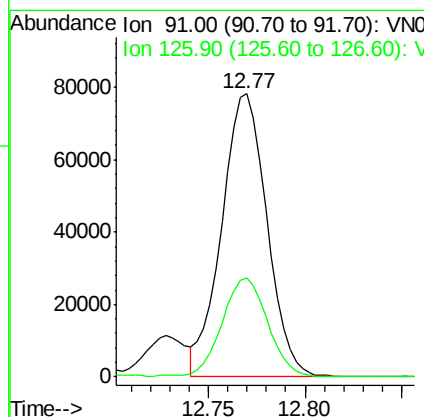
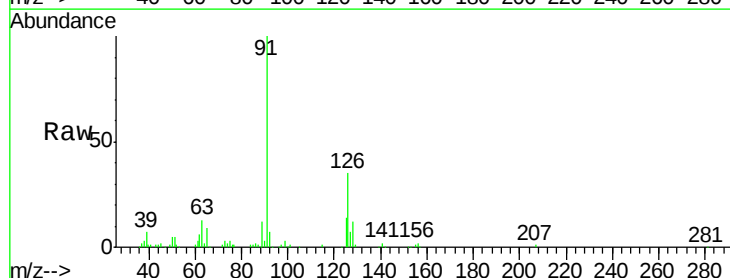
RT: 12.77 min Scan# 3420

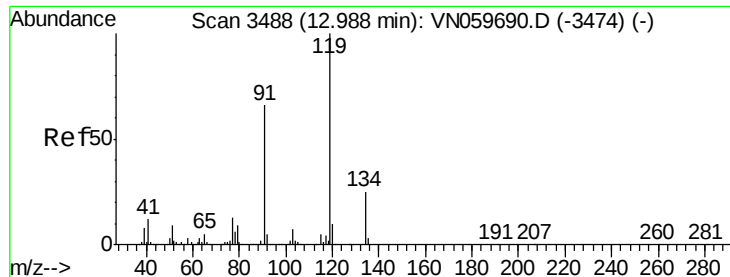
Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Tgt Ion:	91	Resp:	126346
Ion	Ratio	Lower	Upper
91	100		
126	35.5	16.3	48.8





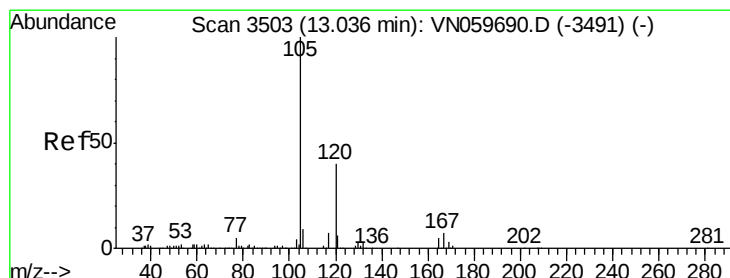
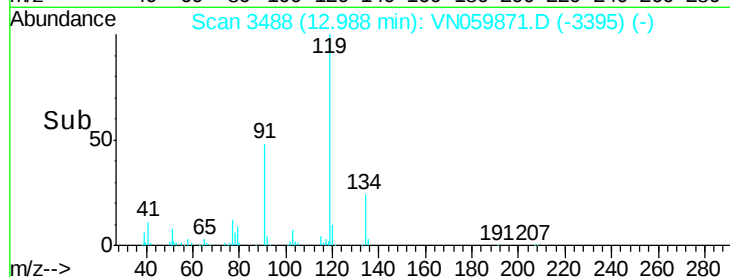
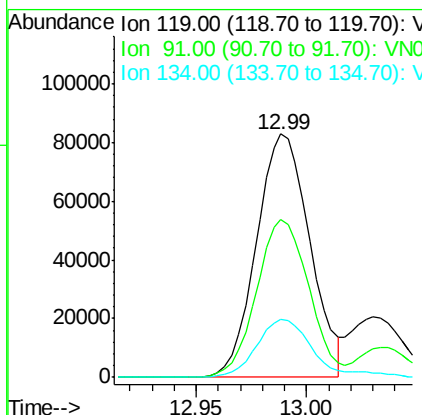
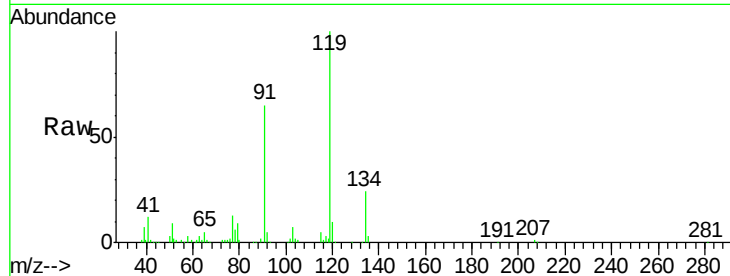
#83
tert-Butylbenzene
Concen: 19.087 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	34.8	104.4
134	25.2	12.3	36.9

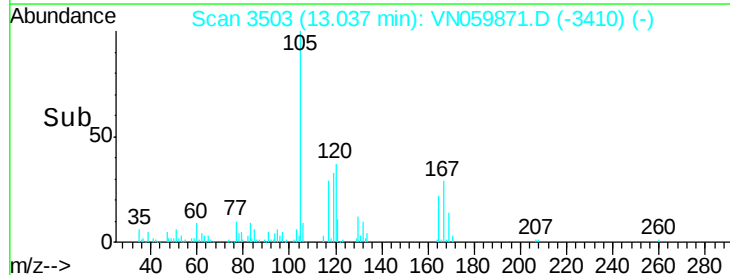
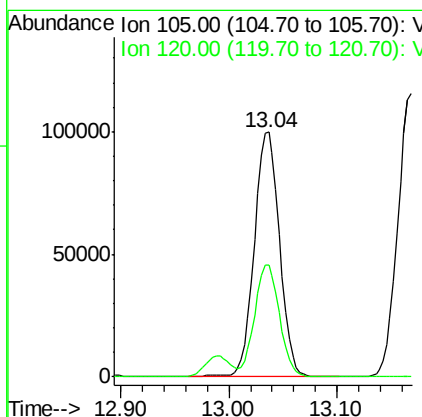
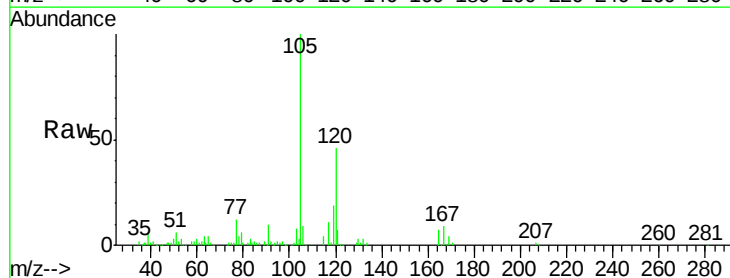
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#84
1,2,4-Trimethylbenzene
Concen: 19.420 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.9





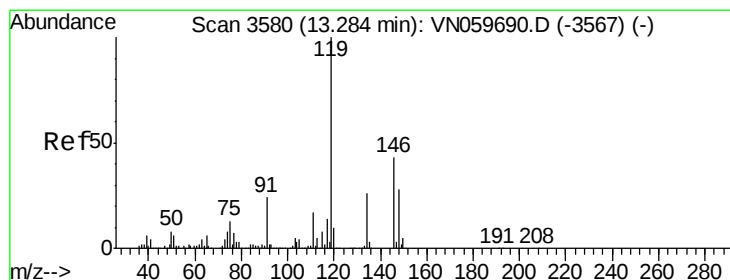
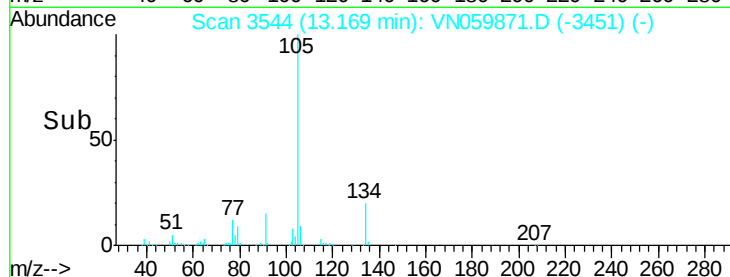
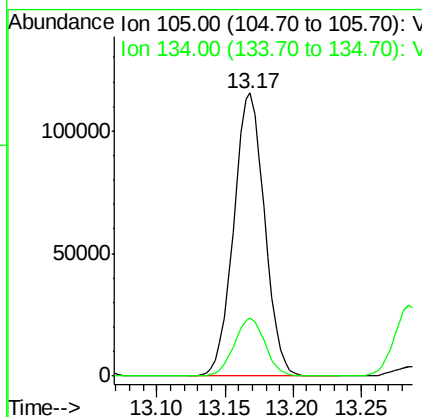
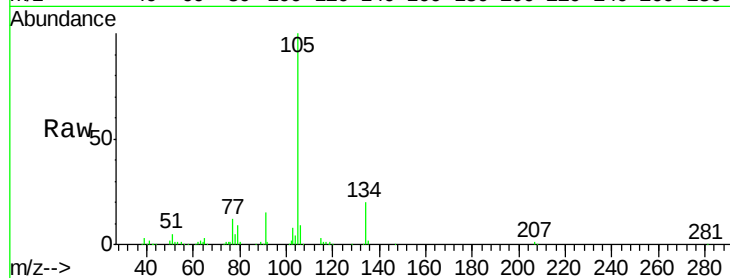
#85
 sec-Butylbenzene
 Concen: 18.908 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	181170		
134	20.4	9.8	29.5	

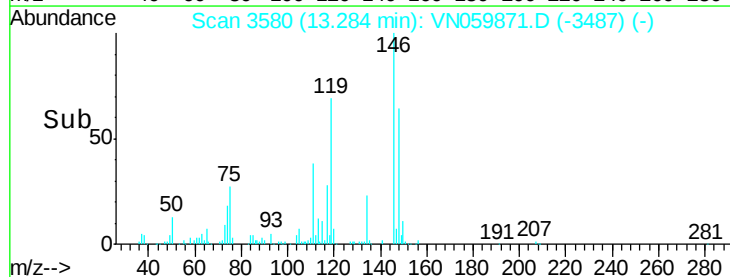
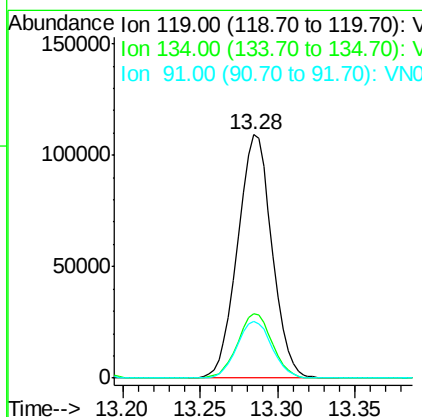
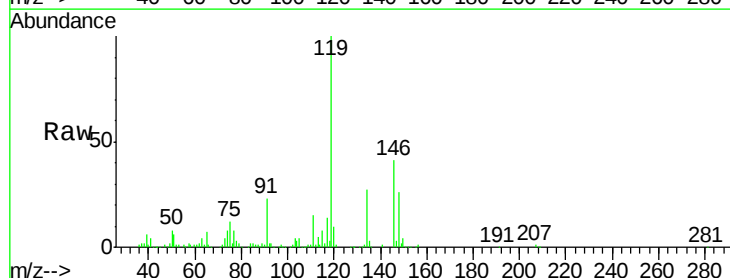
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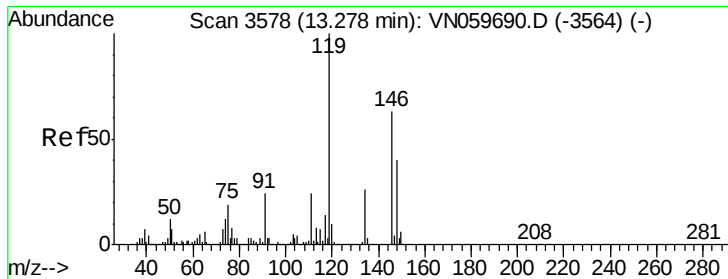
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#86
 p-Isopropyltoluene
 Concen: 19.044 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	168846		
134	26.7	12.9	38.7	
91	23.8	12.4	37.4	





#87

1,3-Dichlorobenzene

Concen: 19.518 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059871.D

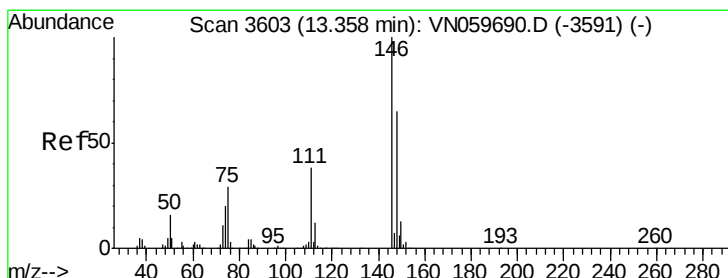
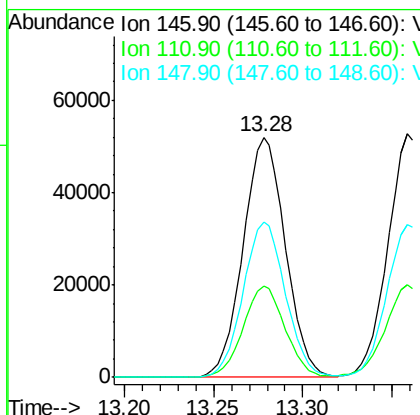
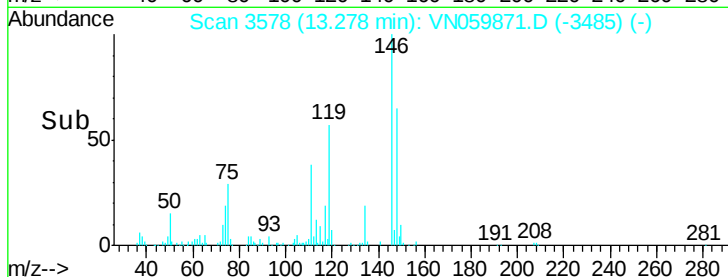
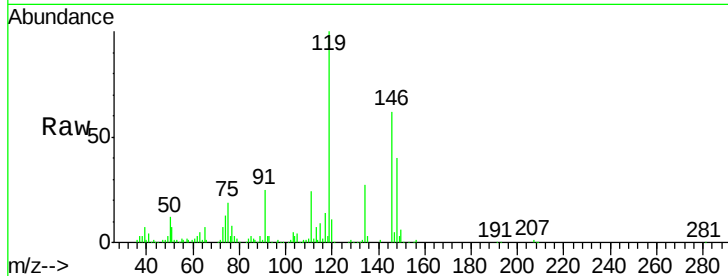
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampled :
VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.8	62.2
148	64.8	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 19.325 ug/l

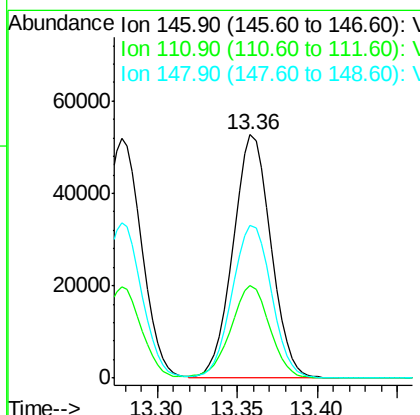
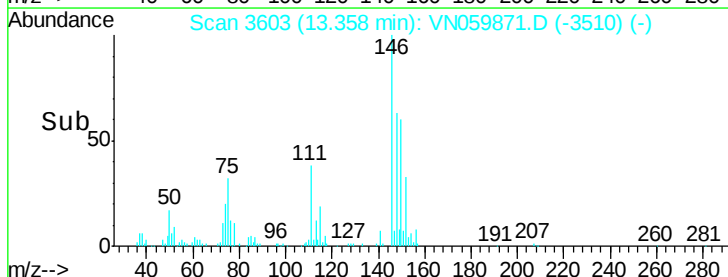
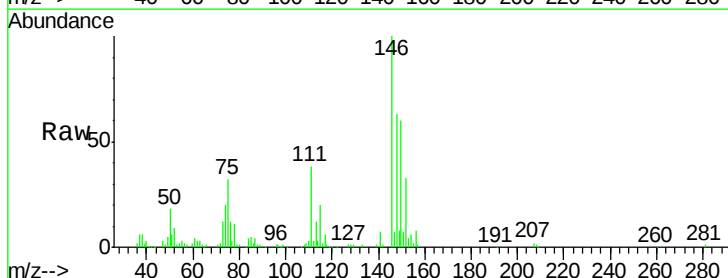
RT: 13.36 min Scan# 3603

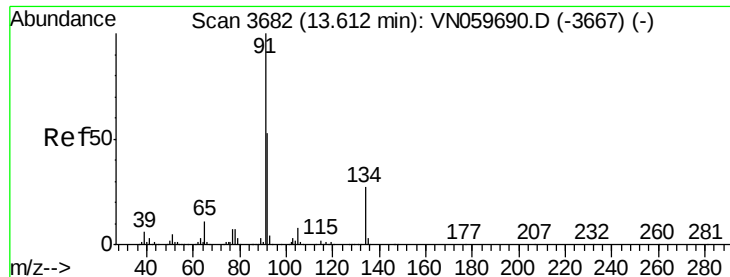
Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.8	62.2
148	65.3	31.8	95.4





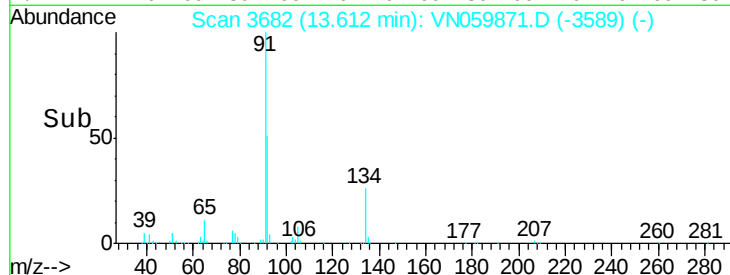
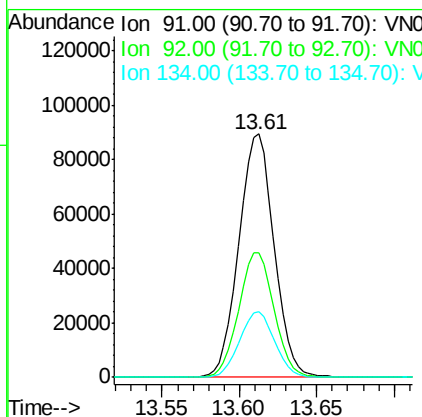
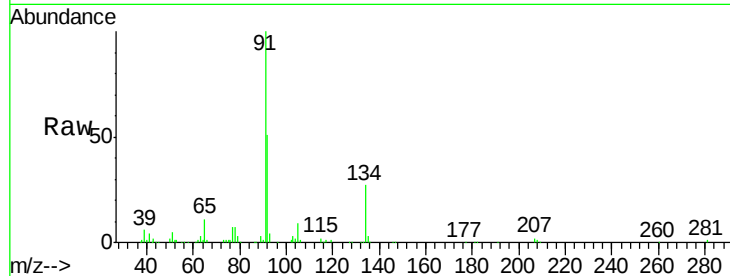
#89
n-Butylbenzene
Concen: 18.759 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.9	77.7
134	26.7	12.3	36.8

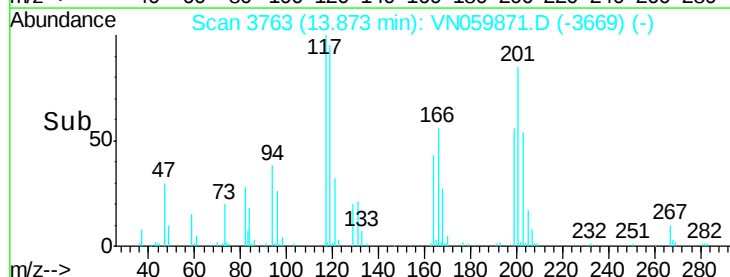
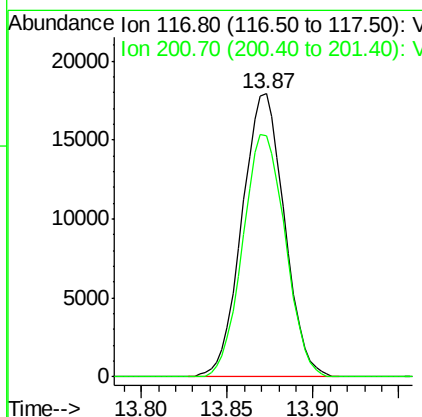
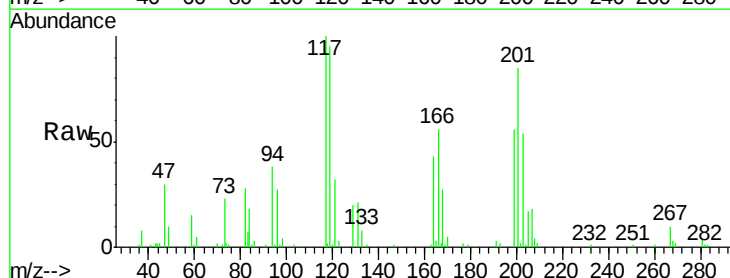
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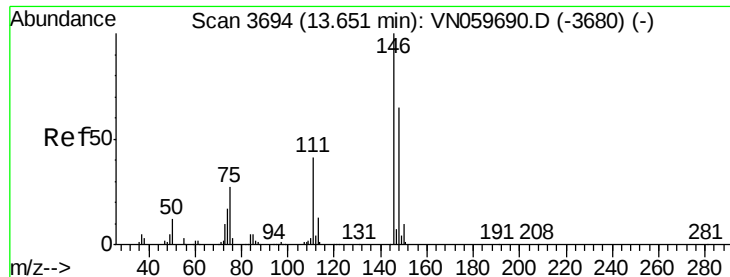
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#90
Hexachloroethane
Concen: 18.459 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059871.D
Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	37.8	113.4





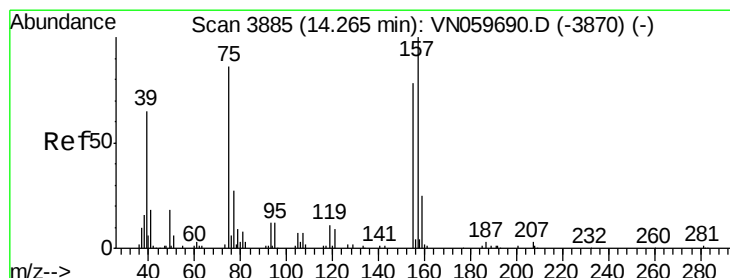
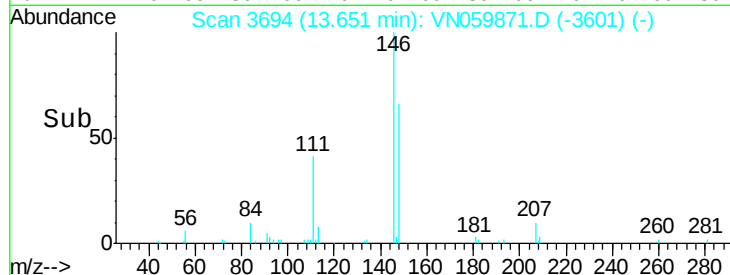
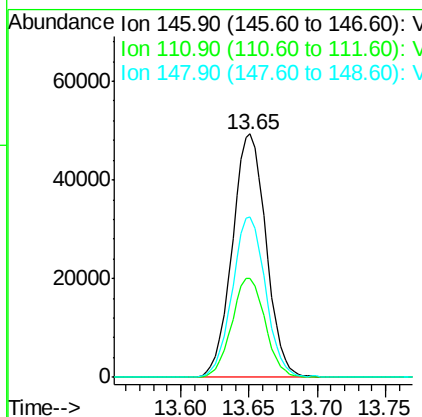
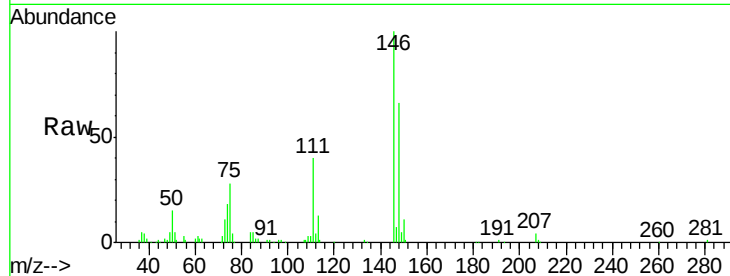
#91
 1,2-Dichlorobenzene
 Concen: 19.511 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	21.6	64.8
148	64.6	31.6	95.0

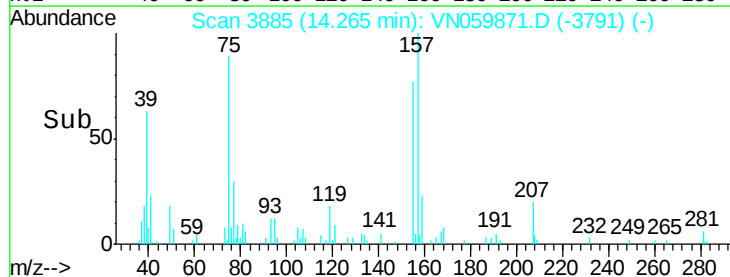
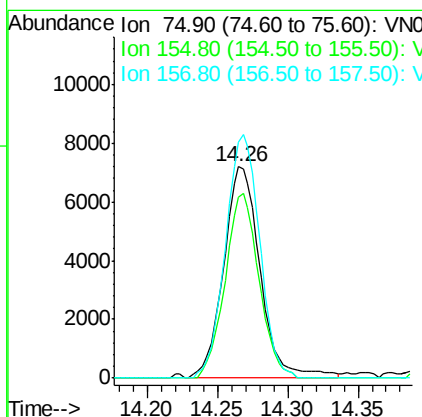
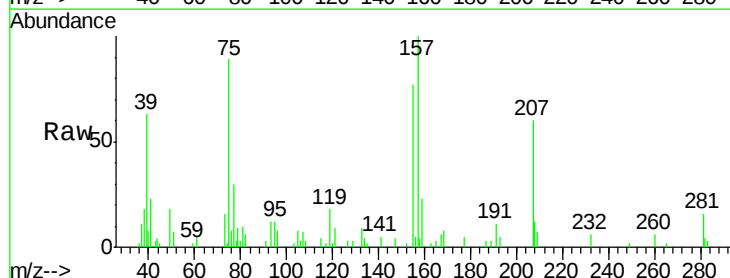
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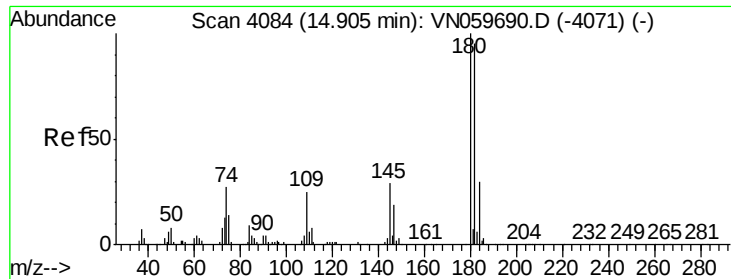
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.725 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	37.0	110.9
157	107.1	48.4	145.2





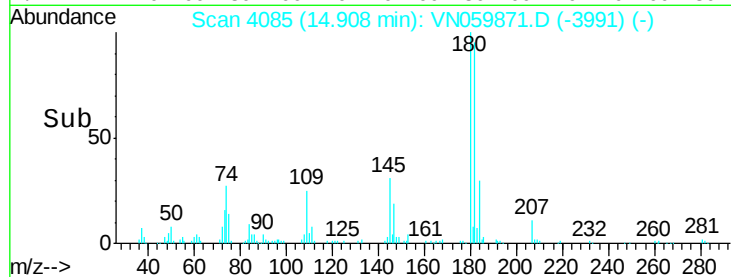
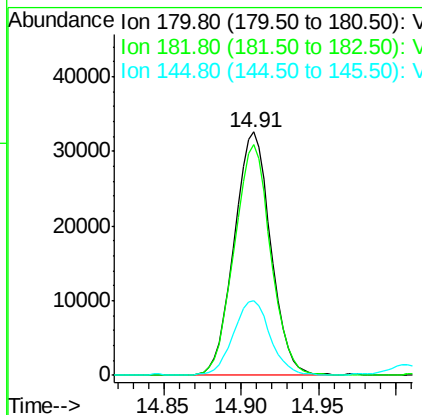
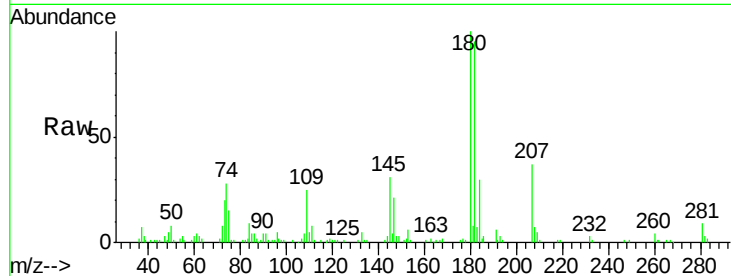
#93
 1,2,4-Trichlorobenzene
 Concen: 20.410 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.9	140.7
145	31.0	15.0	45.1

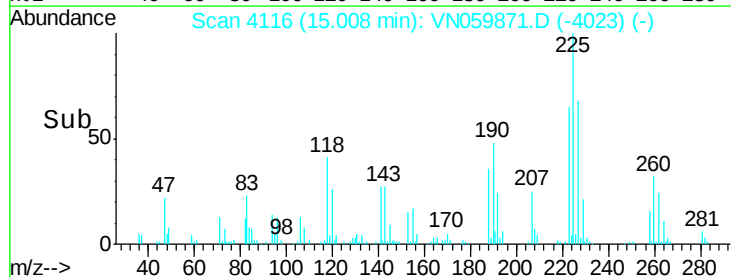
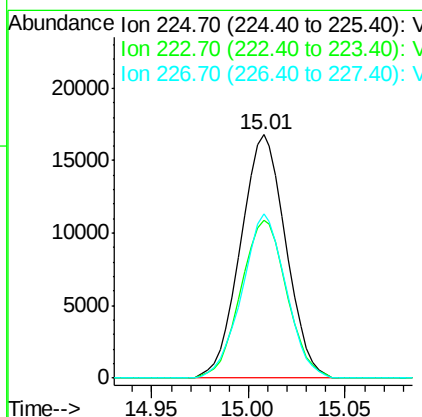
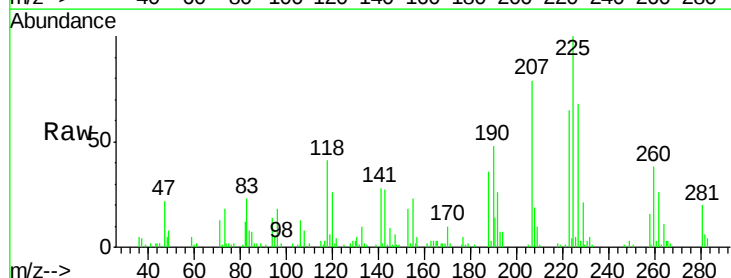
Manual Integrations
 APPROVED

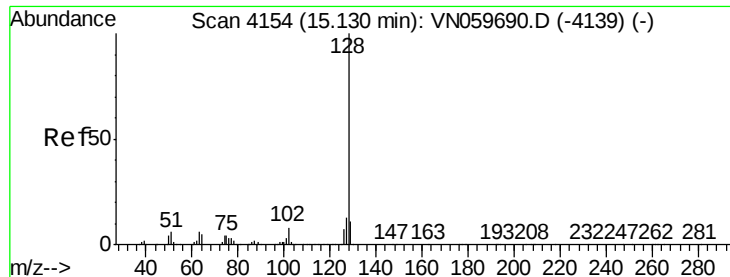
MMDadoda
 1/28/2020 9:24:46 AM



#94
 Hexachlorobutadiene
 Concen: 18.917 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059871.D
 Acq: 27 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	31.8	95.3
227	65.6	32.1	96.5





#95

Naphthalene

Concen: 25.196 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Instrument :

MSVOA_N

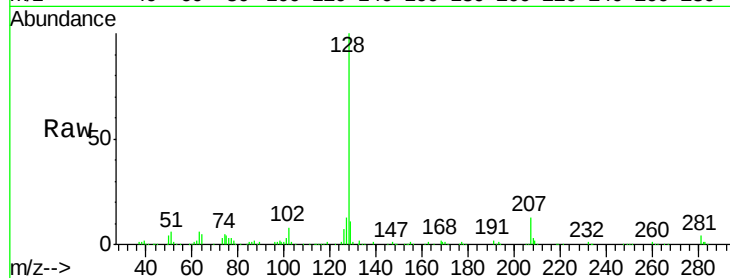
ClientSampleId :

VN0127MBSD01

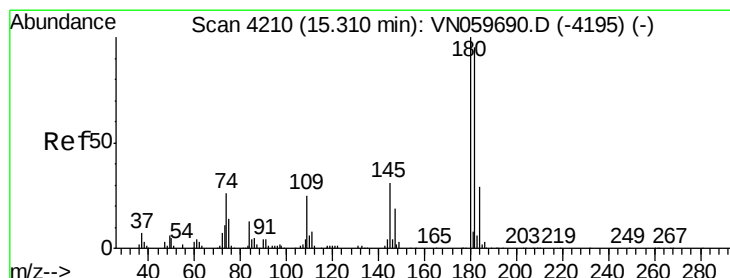
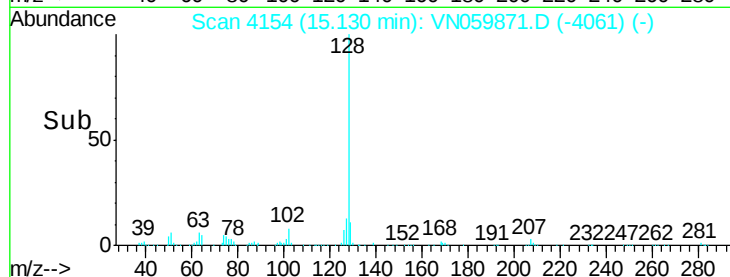
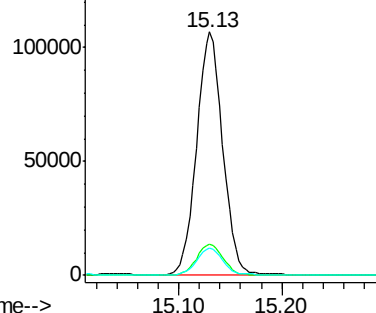
Tot Ion:	128	Resp:	187768
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.4	15.6
129	11.8	8.6	12.8

Manual Integrations
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MMDadoda
1/28/2020 9:24:46 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



#96

1,2,3-Trichlorobenzene

Concen: 20.943 ug/l

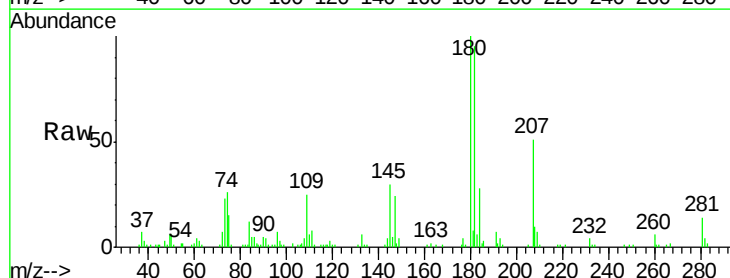
RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059871.D

Acq: 27 Jan 2020 14:42

Tgt Ion:	180	Resp:	53411
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.4	142.3
145	30.8	16.3	48.9



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

