

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062624.D
 Acq On : 28 Jul 2020 1:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 1:46:14 PM

Quant Time: Jul 28 08:08:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	193771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	315461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	144271	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	7.55	113	100206	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.06	98	346814	41.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.90%	
62) 4-Bromofluorobenzene	12.37	95	125176	41.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	102608	44.393	ug/l	99
3) Chloromethane	2.03	50	124359	39.669	ug/l	98
4) Vinyl Chloride	2.16	62	115157	42.374	ug/l	97
5) Bromomethane	2.53	94	52998	44.030	ug/l	98
6) Chloroethane	2.67	64	56285	45.786	ug/l	100
7) Trichlorofluoromethane	2.98	101	157499	49.361	ug/l	98
8) Diethyl Ether	3.37	74	67234	45.060	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	95253	46.561	ug/l	99
10) Methyl Iodide	3.91	142	106933	40.886	ug/l	97
11) Tert butyl alcohol	4.73	59	90282	188.538	ug/l	99
12) 1,1-Dichloroethene	3.70	96	93763	45.192	ug/l	99
13) Acrolein	3.57	56	90246	183.055	ug/l	98
14) Allyl chloride	4.28	41	190308	42.404	ug/l	97
15) Acrylonitrile	4.93	53	288119	224.637	ug/l	99
16) Acetone	3.77	43	229084	202.239	ug/l	99
17) Carbon Disulfide	4.01	76	288967	42.389	ug/l	100
18) Methyl Acetate	4.28	43	128166	44.694	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	358184	46.904	ug/l	99
20) Methylene Chloride	4.50	84	116223	42.780	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	104738	45.484	ug/l	98
22) Diisopropyl ether	5.90	45	397220	44.527	ug/l	97
23) Vinyl Acetate	5.84	43	1659837	227.075	ug/l	99
24) 1,1-Dichloroethane	5.80	63	218695	45.525	ug/l	99
25) 2-Butanone	6.79	43	374003	216.797	ug/l	100
26) 2,2-Dichloropropane	6.78	77	147780	37.474	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	117093	44.562	ug/l	99
28) Bromochloromethane	7.15	49	102591	43.394	ug/l	98
29) Tetrahydrofuran	7.17	42	255705	219.053	ug/l	97
30) Chloroform	7.33	83	210975	46.190	ug/l	99
31) Cyclohexane	7.62	56	193749	43.682	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	185722	48.702	ug/l	99
36) 1,1-Dichloropropene	7.75	75	161756	48.106	ug/l	99
37) Ethyl Acetate	6.88	43	164363	45.347	ug/l	99
38) Carbon Tetrachloride	7.73	117	162847	50.385	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	176128	48.660	ug/l	98
40) Benzene	8.00	78	465788	45.756	ug/l	99
41) Methacrylonitrile	7.13	41	72521	46.685	ug/l	96
42) 1,2-Dichloroethane	8.08	62	184041	49.451	ug/l	99
43) Isopropyl Acetate	8.12	43	275879	47.215	ug/l	98
44) Trichloroethene	8.80	130	108816	47.401	ug/l	96
45) 1,2-Dichloropropane	9.08	63	130055	45.503	ug/l	99
46) Dibromomethane	9.17	93	79545	48.152	ug/l	98
47) Bromodichloromethane	9.37	83	172978	48.333	ug/l	99
48) Methyl methacrylate	9.17	41	131379	47.300	ug/l	99
49) 1,4-Dioxane	9.17	88	33811	792.556	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	669464	191.486	ug/l	98
52) Toluene	10.12	92	250172	42.323	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	169534	42.553	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	176207	41.218	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	88747	38.706	ug/l	95
56) Ethyl methacrylate	10.40	69	166211	40.712	ug/l	98
57) 1,3-Dichloropropane	10.68	76	173746	41.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	258606	211.203	ug/l	96
59) 2-Hexanone	10.72	43	485942	180.557	ug/l	99
60) Dibromochloromethane	10.87	129	111317	43.519	ug/l	97
61) 1,2-Dibromoethane	10.98	107	101030	42.316	ug/l	98
64) Tetrachloroethene	10.60	164	80763	48.501	ug/l	97
65) Chlorobenzene	11.41	112	238969	44.477	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	91821	45.427	ug/l	97
67) Ethyl Benzene	11.48	91	449361	45.614	ug/l	100
68) m/p-Xylenes	11.60	106	331223	93.544	ug/l	99
69) o-Xylene	11.92	106	157503	46.843	ug/l	99
70) Styrene	11.94	104	277710	48.894	ug/l	99
71) Bromoform	12.10	173	73230	48.253	ug/l #	99
73) Isopropylbenzene	12.22	105	439733	40.412	ug/l	100
74) N-amyl acetate	12.04	43	183637	37.790	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	134781	35.644	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	124592m	35.569	ug/l	
77) Bromobenzene	12.50	156	103606	39.620	ug/l	95
78) n-propylbenzene	12.57	91	527809	41.410	ug/l	99
79) 2-Chlorotoluene	12.65	91	335696	42.736	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	417402	46.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	44548	35.404	ug/l	95
82) 4-Chlorotoluene	12.75	91	360239	44.060	ug/l	100
83) tert-Butylbenzene	12.97	119	344751	45.998	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	392973	44.381	ug/l	98
85) sec-Butylbenzene	13.15	105	432432	43.096	ug/l	99
86) p-Isopropyltoluene	13.26	119	427491	49.535	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	204852	44.641	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	192239	42.555	ug/l	98
89) n-Butylbenzene	13.59	91	410786	55.397	ug/l	100
90) Hexachloroethane	13.85	117	87882	47.835	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	221026	50.372	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34785	50.668	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	115417	50.025	ug/l	99
94) Hexachlorobutadiene	14.98	225	67256	56.717	ug/l	98
95) Naphthalene	15.10	128	287901	47.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	114546	55.394	ug/l	100

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

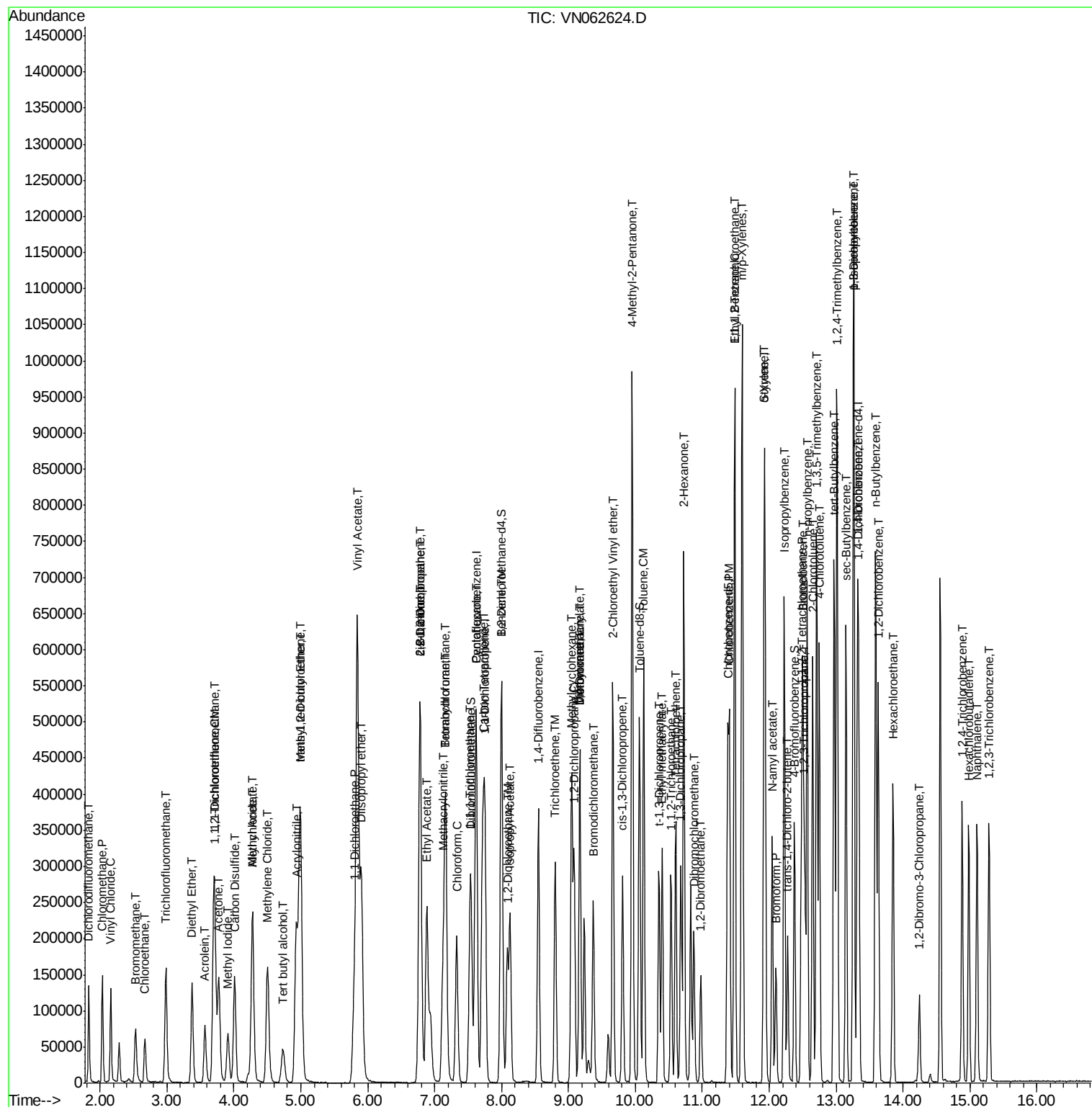
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Data File : VN062624.D
Acq On : 28 Jul 2020 1:23
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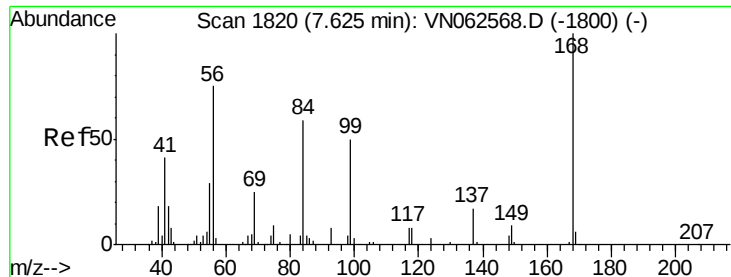
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 193771

Ion Ratio Lower Upper

168 100

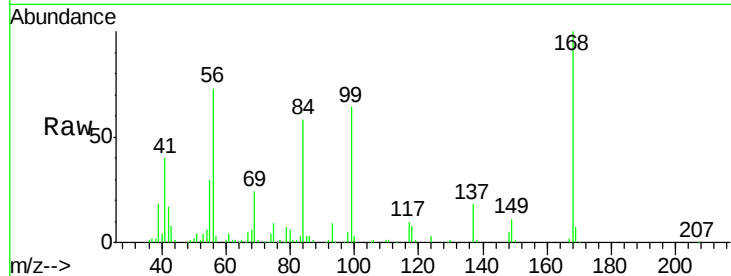
99 64.0 48.4 72.6

Manual Integrations

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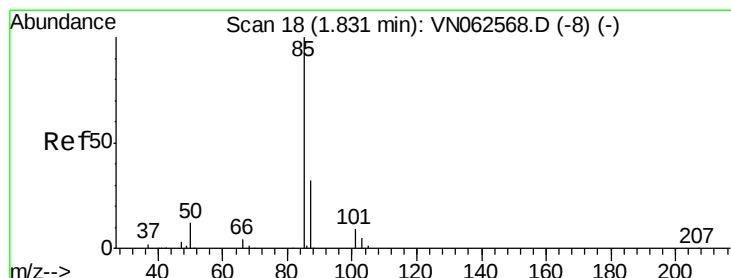
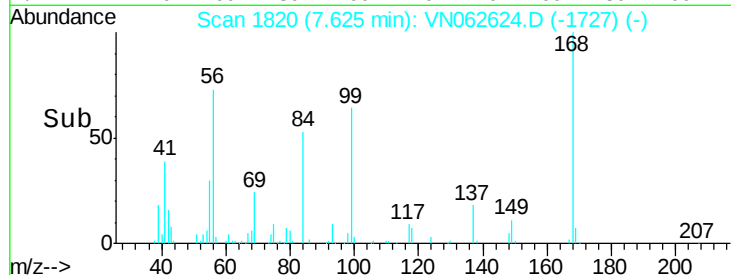
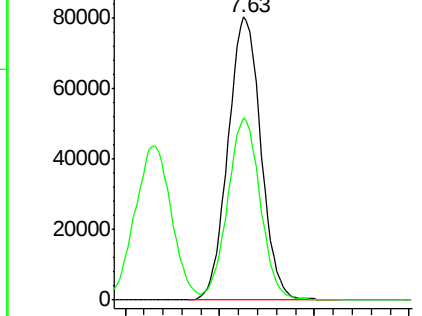
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7/28/2020 1:46:14 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.393 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062624.D

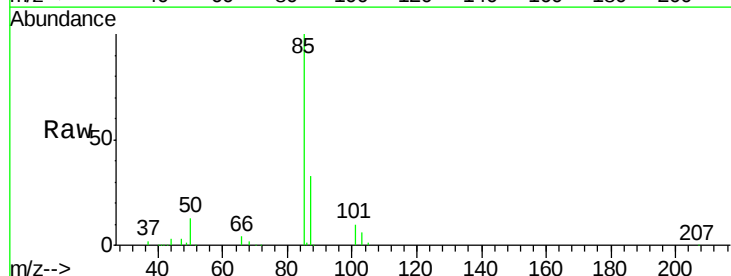
Acq: 28 Jul 2020 1:23

Tgt Ion: 85 Resp: 102608

Ion Ratio Lower Upper

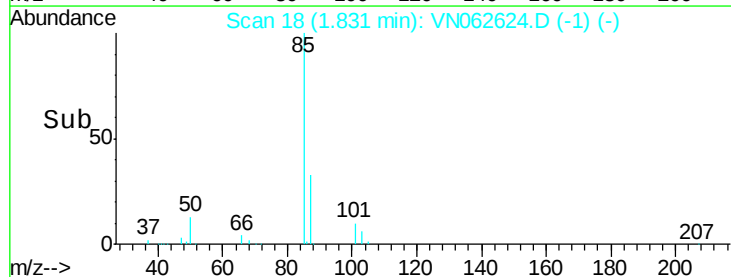
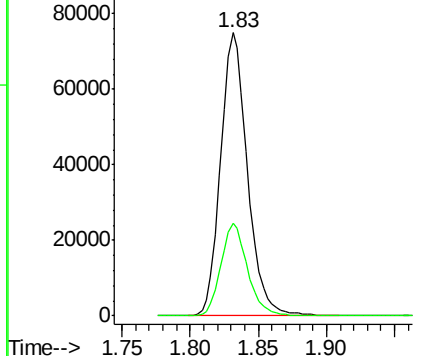
85 100

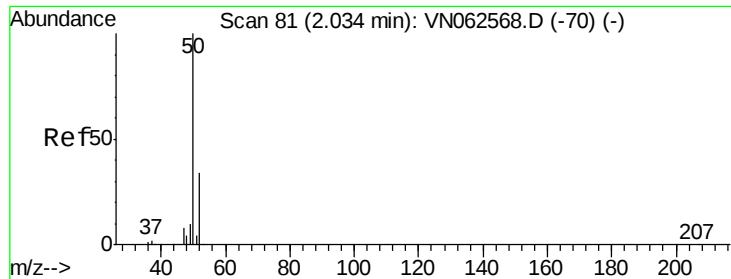
87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 39.669 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 124359

Ion Ratio Lower Upper

50 100

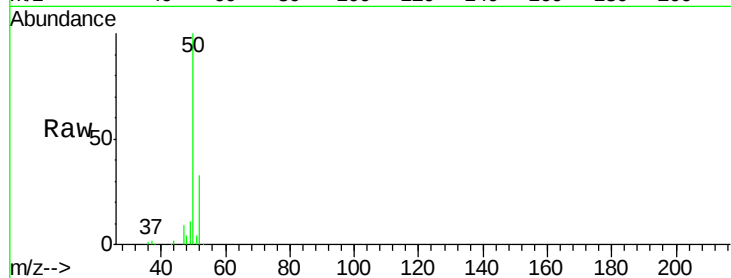
52 32.8 27.0 40.4

Manual Integrations

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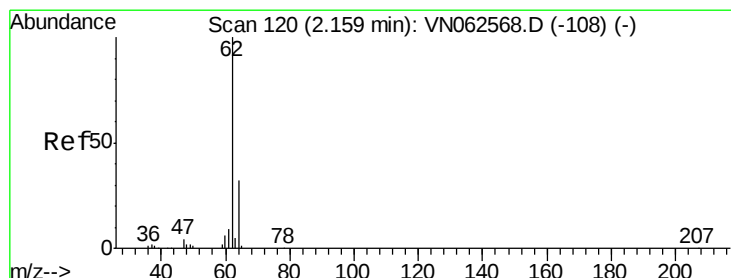
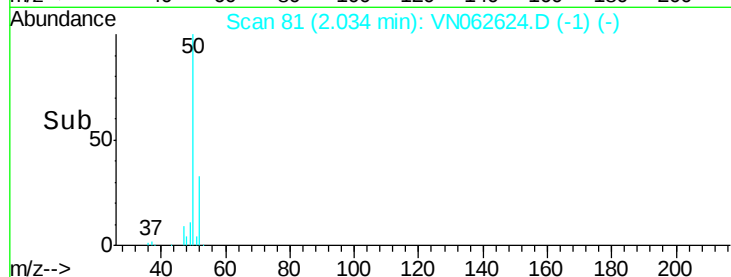
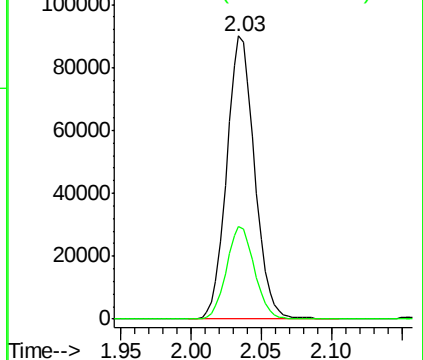
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 42.374 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062624.D

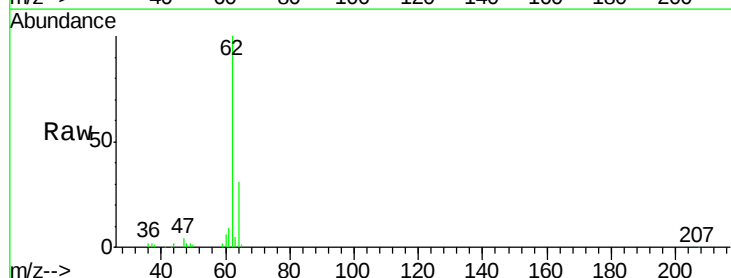
Acq: 28 Jul 2020 1:23

Tgt Ion: 62 Resp: 115157

Ion Ratio Lower Upper

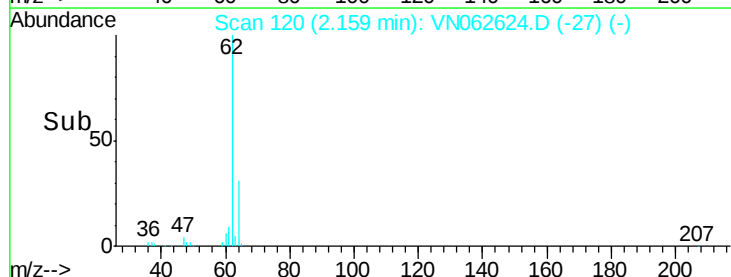
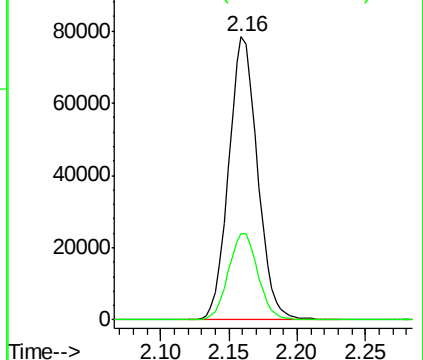
62 100

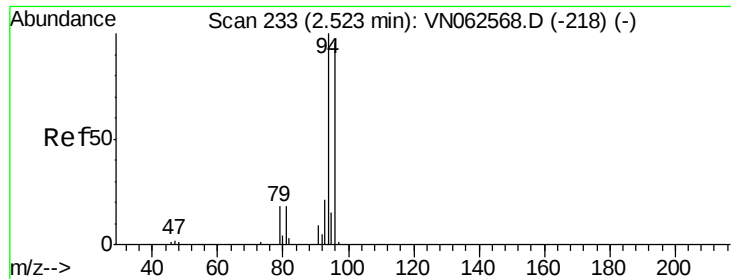
64 30.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 44.030 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

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Tot Ion: 94 Resp: 52998

Ion Ratio Lower Upper

94 100

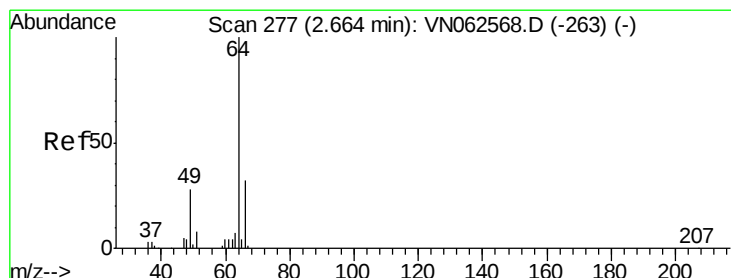
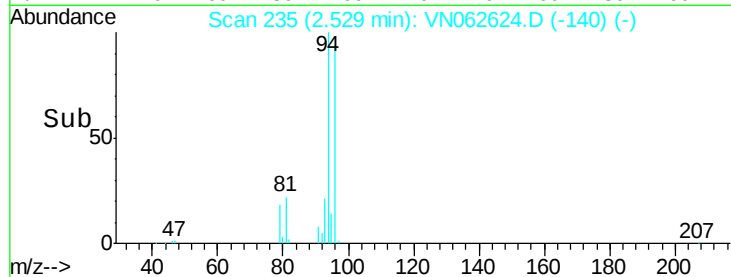
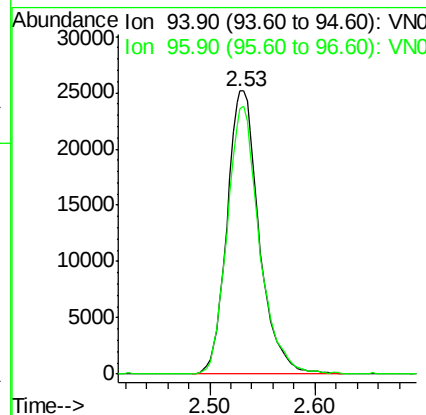
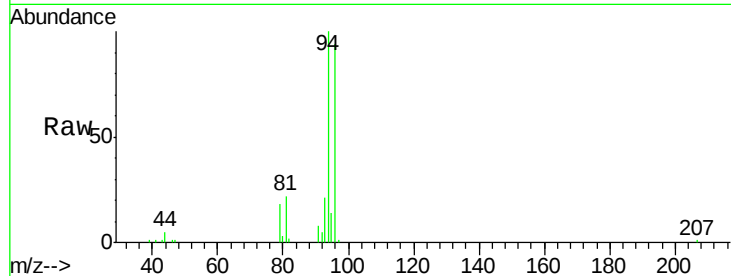
96 94.0 76.6 114.8

Manual Integrations

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#6

Chloroethane

Concen: 45.786 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062624.D

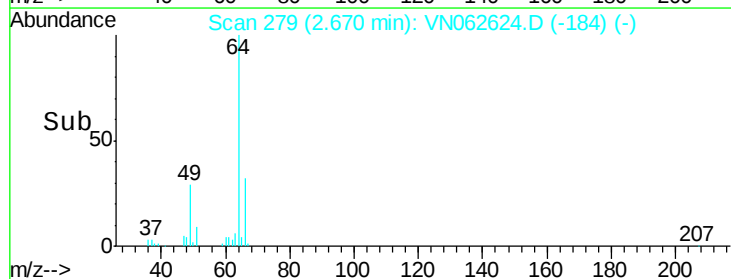
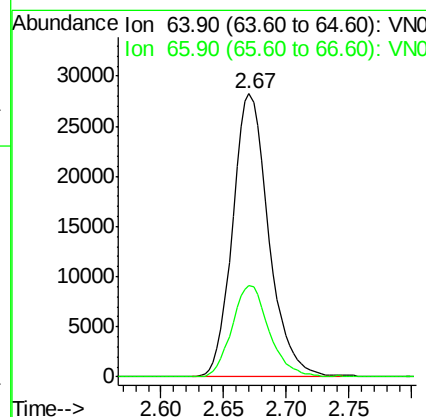
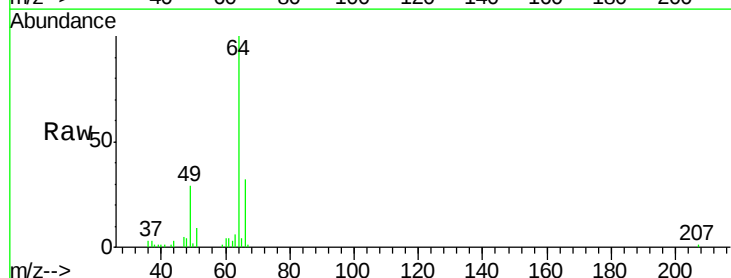
Acq: 28 Jul 2020 1:23

Tgt Ion: 64 Resp: 56285

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.8





#7

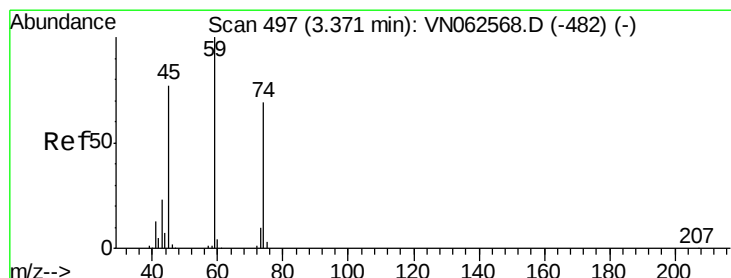
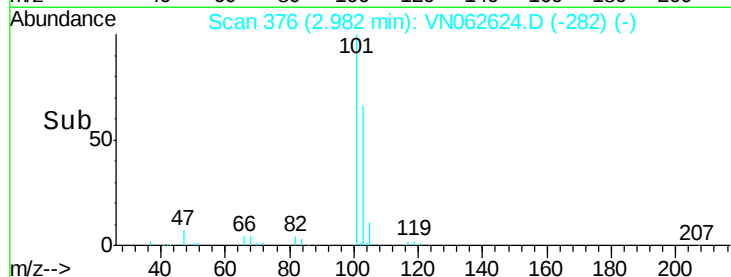
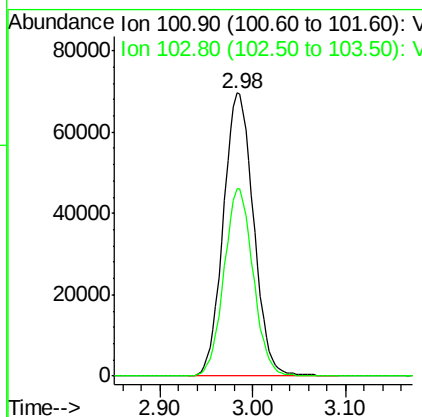
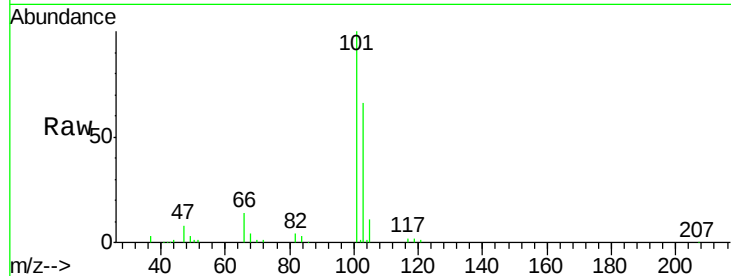
Trichlorofluoromethane
 Concen: 49.361 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.5	77.3

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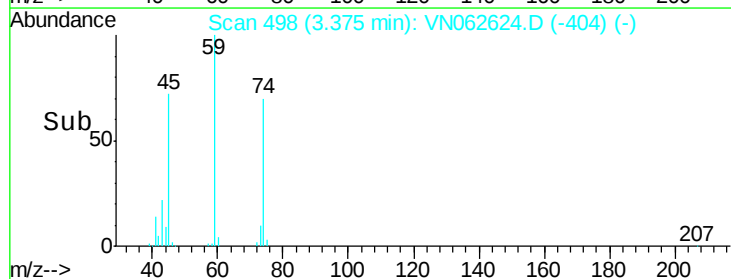
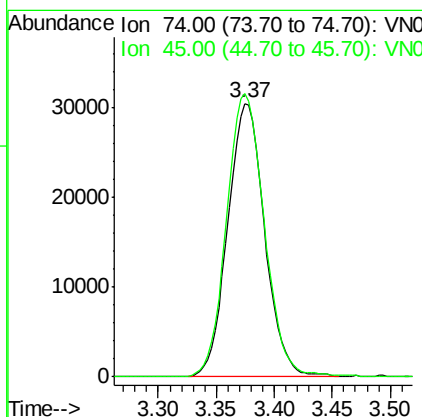
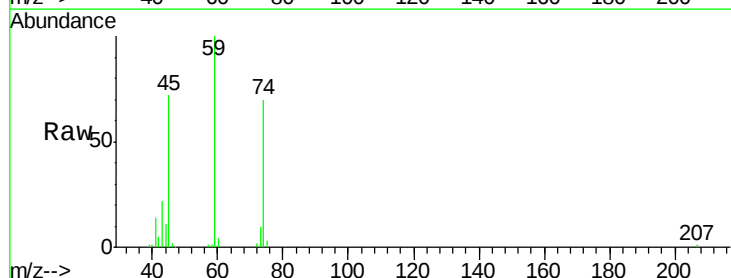
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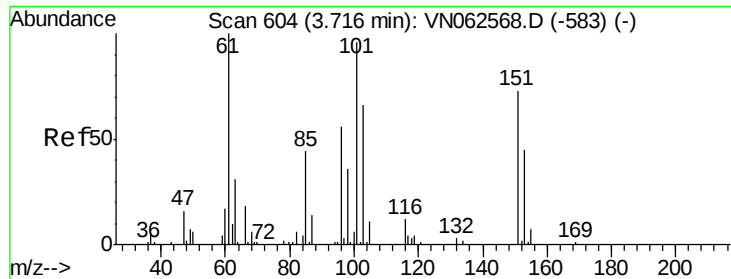


#8

Diethyl Ether
 Concen: 45.060 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.0	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.561 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

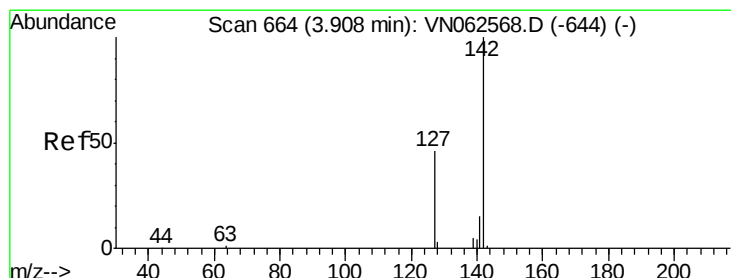
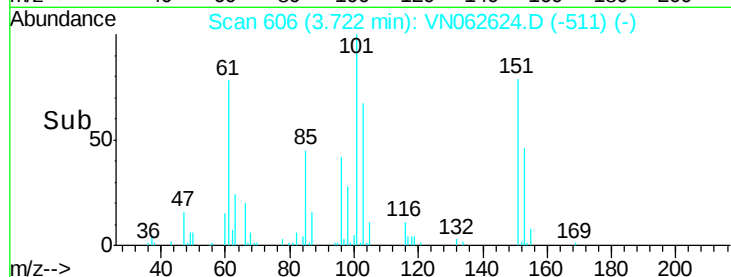
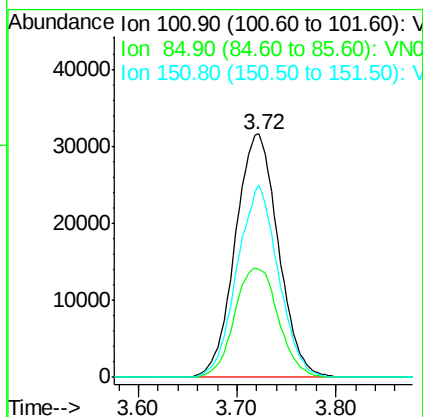
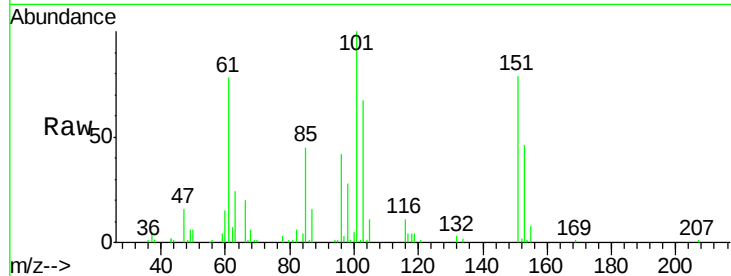
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	95253
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.0	54.0
151	75.9	60.0	90.0

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#10

Methyl Iodide

Concen: 40.886 ug/l

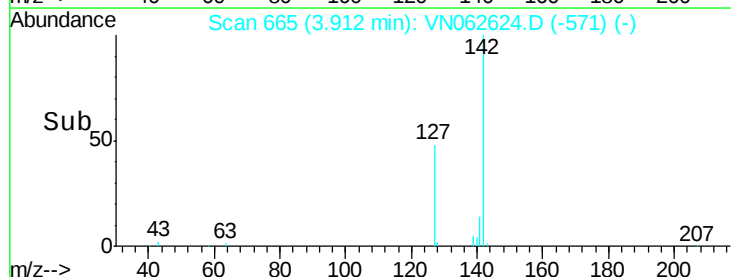
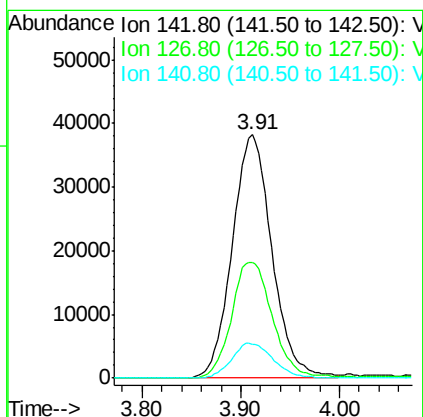
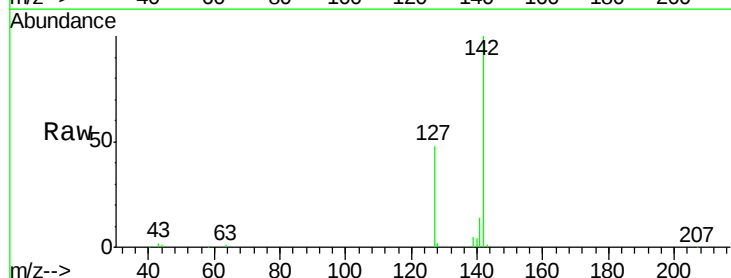
RT: 3.91 min Scan# 665

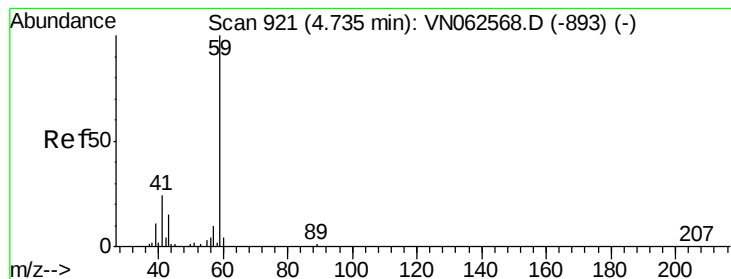
Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Tgt Ion:	142	Resp:	106933
Ion Ratio	Lower	Upper	
142	100		
127	49.3	37.4	56.0
141	14.9	11.9	17.9





#11

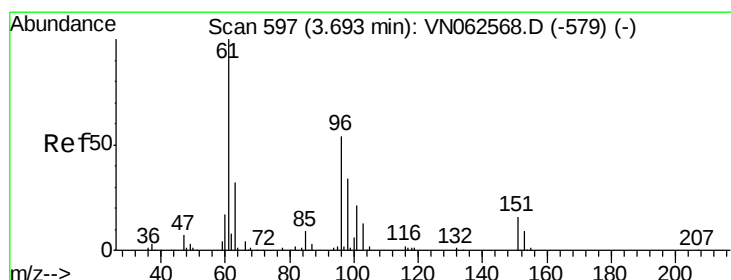
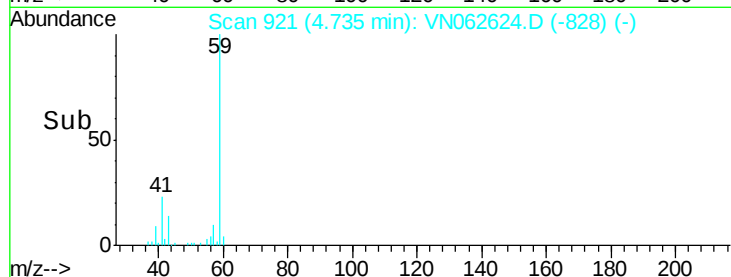
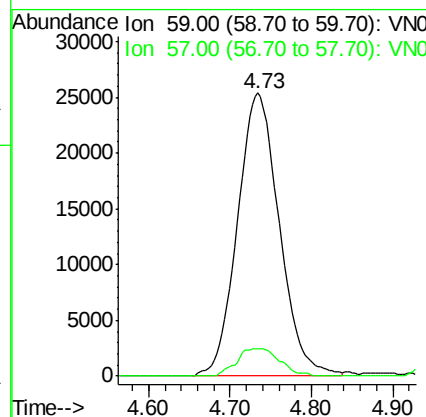
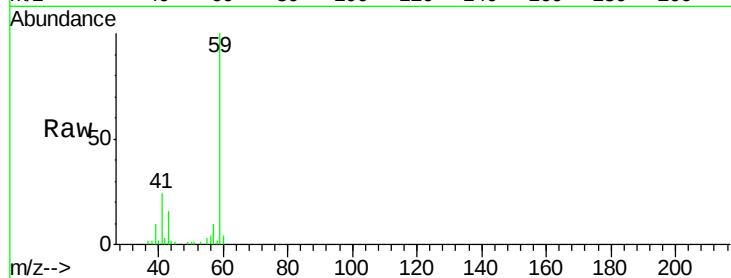
Tert butyl alcohol
 Concen: 188.538 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.2

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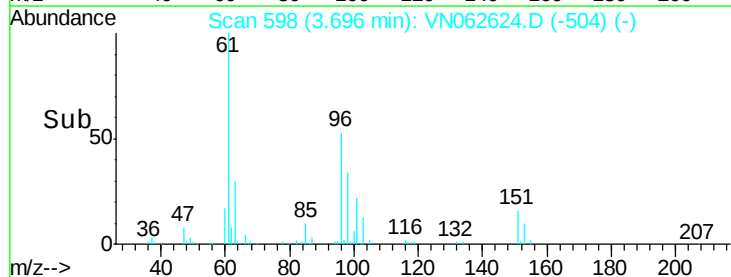
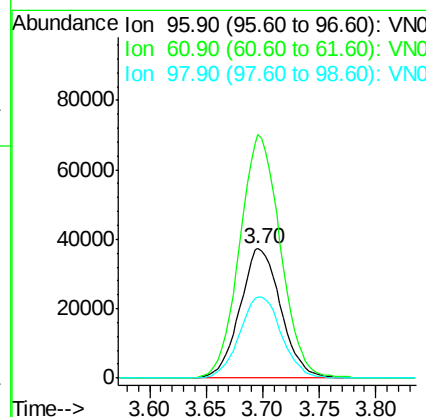
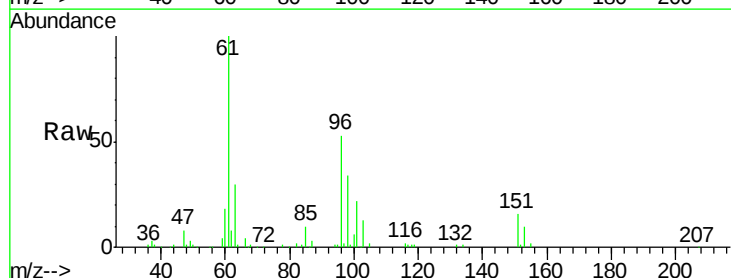
MMDadoda
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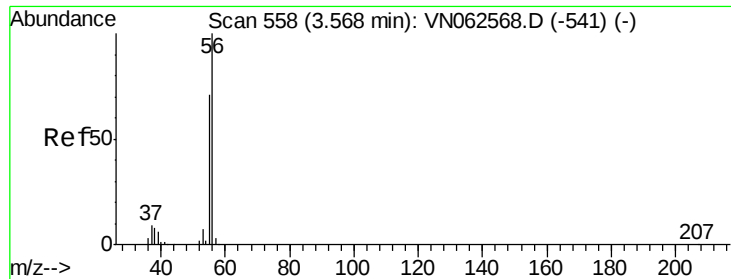


#12

1,1-Dichloroethene
 Concen: 45.192 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.5	148.6	222.8
98	63.2	50.6	75.8





#13

Acrolein

Concen: 183.055 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 90246

Ion Ratio Lower Upper

56 100

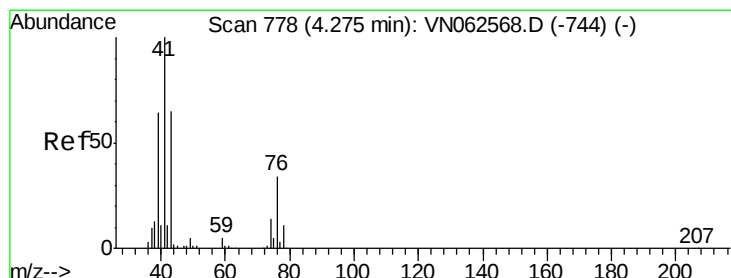
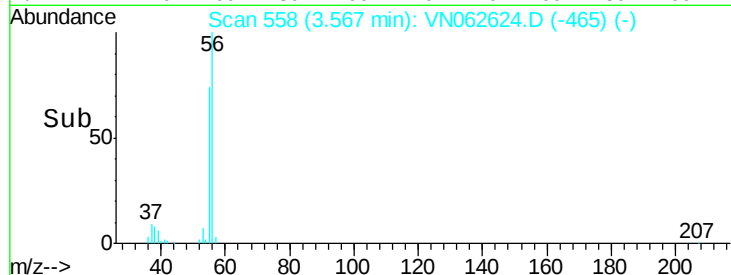
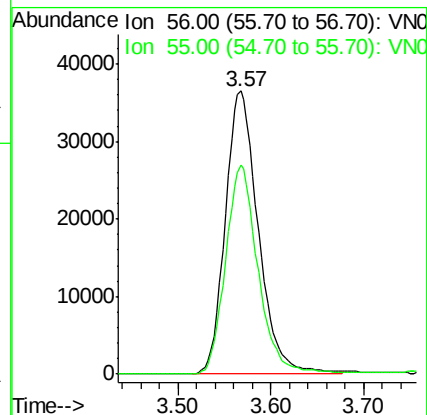
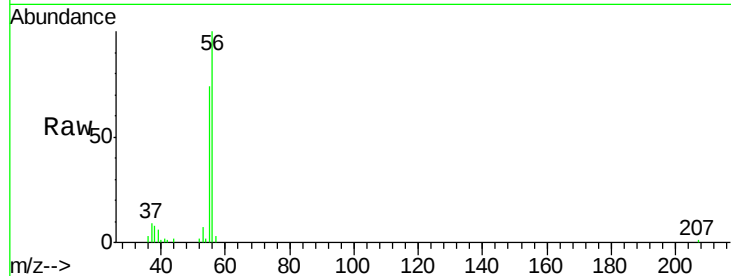
55 72.4 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 42.404 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

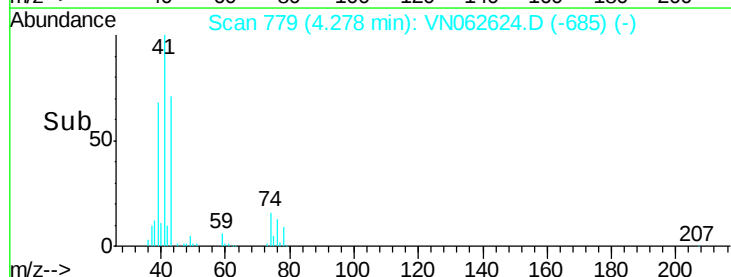
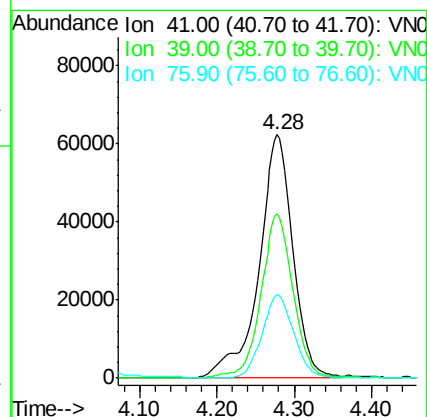
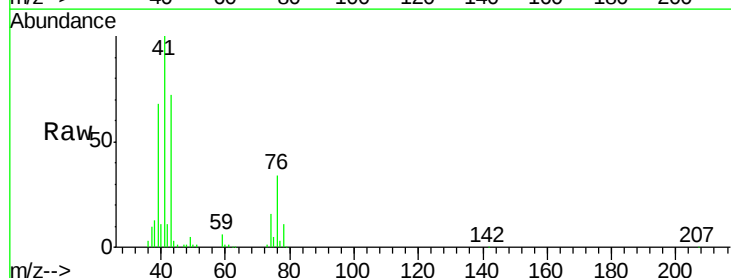
Tgt Ion: 41 Resp: 190308

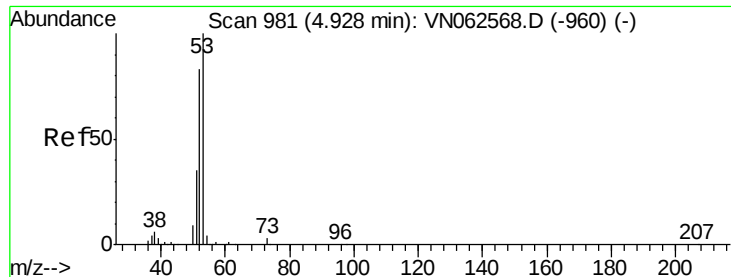
Ion Ratio Lower Upper

41 100

39 63.5 49.0 73.4

76 31.9 24.0 36.0





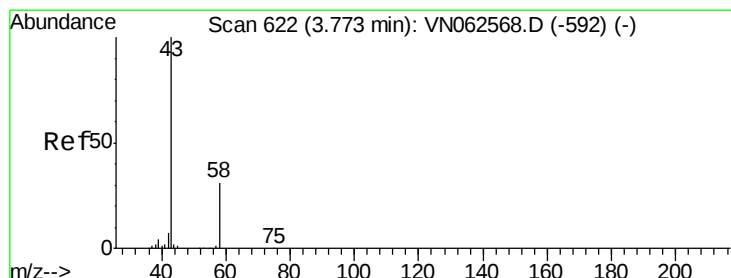
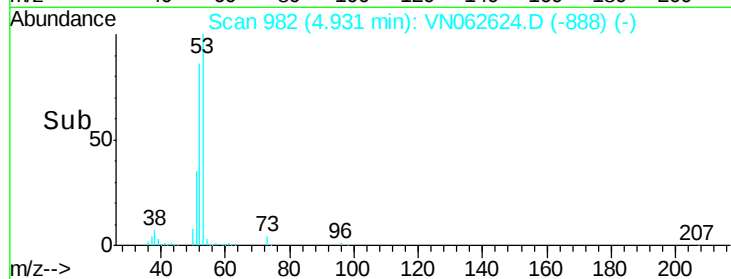
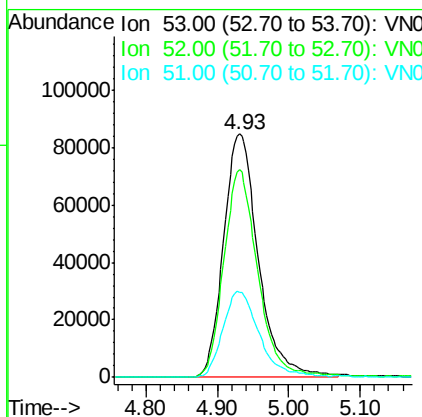
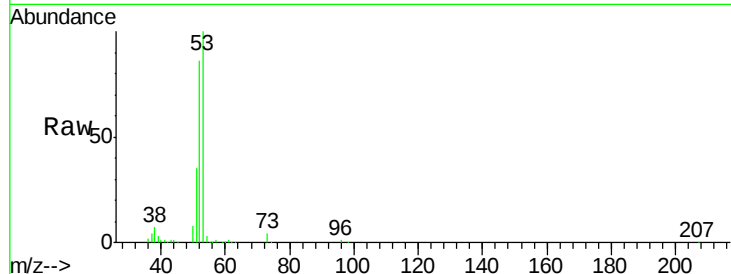
#15
 Acrylonitrile
 Concen: 224.637 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.3	99.5
51	37.0	28.6	43.0

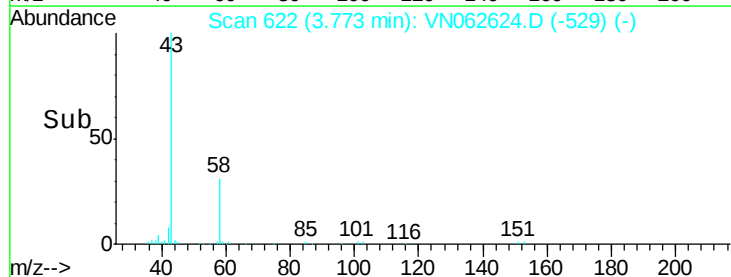
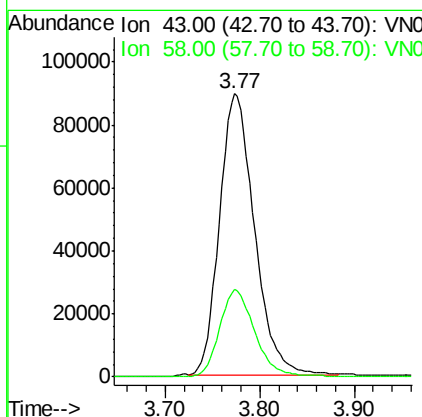
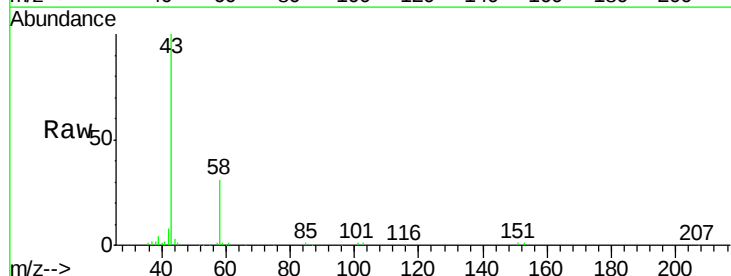
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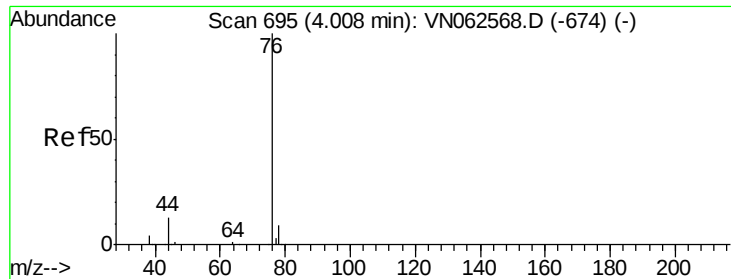
MMDadoda
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#16
 Acetone
 Concen: 202.239 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.6	37.0





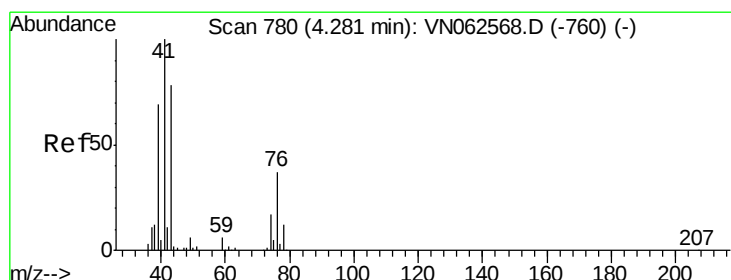
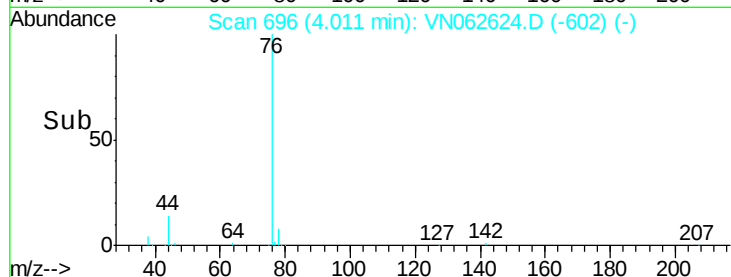
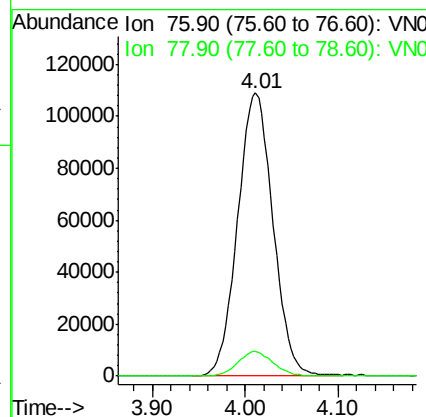
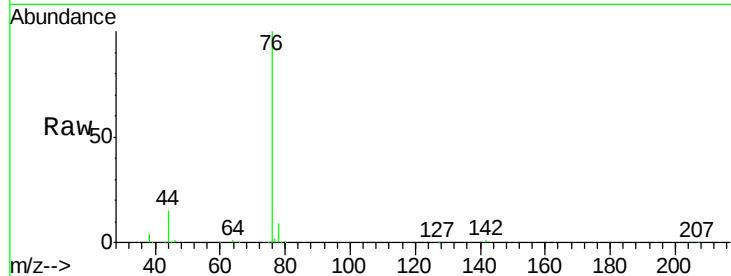
#17
Carbon Disulfide
Concen: 42.389 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

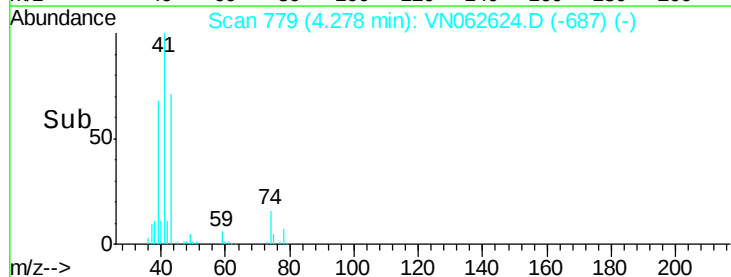
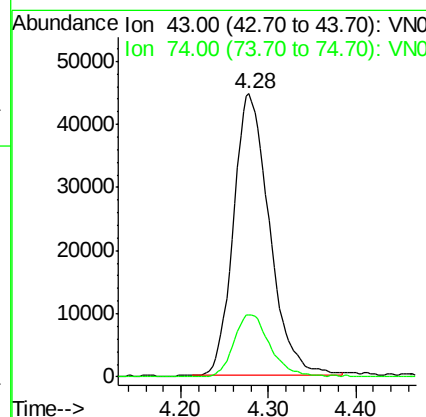
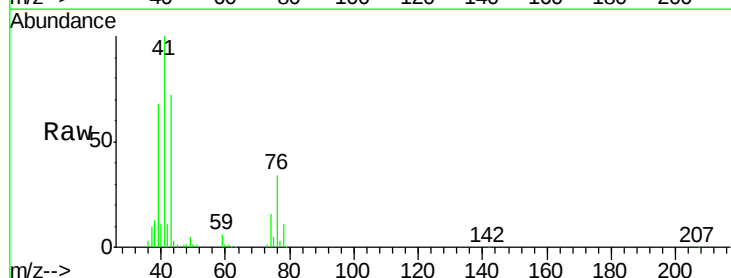
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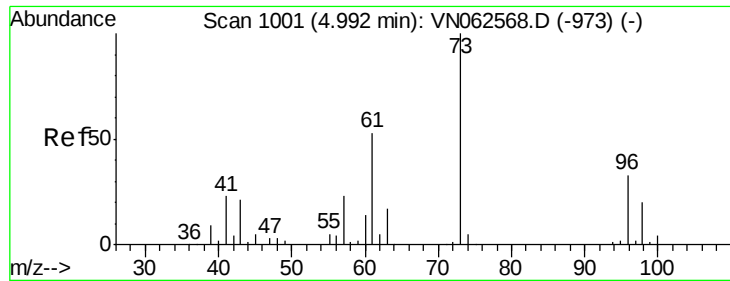
MMDadoda
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#18
Methyl Acetate
Concen: 44.694 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	16.6	24.8





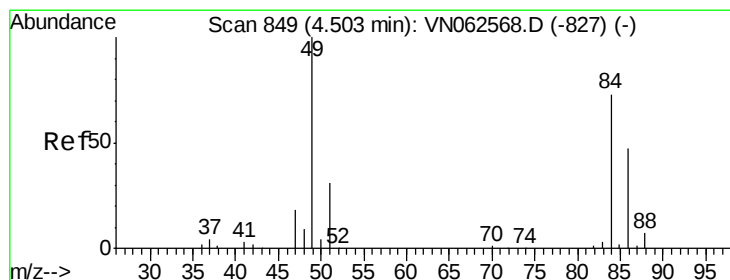
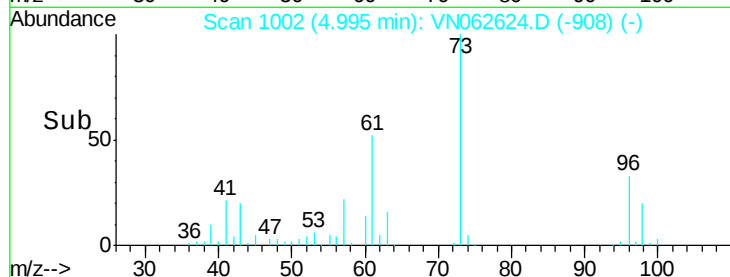
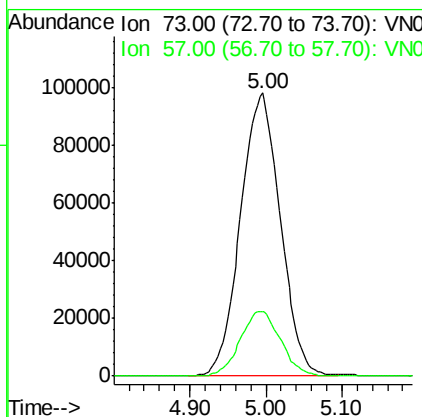
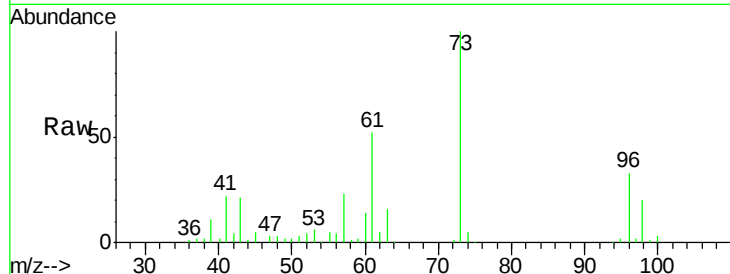
#19
Methvl tert-butvl Ether
Concen: 46.904 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 358184
Ion Ratio Lower Upper
73 100
57 23.0 18.6 27.8

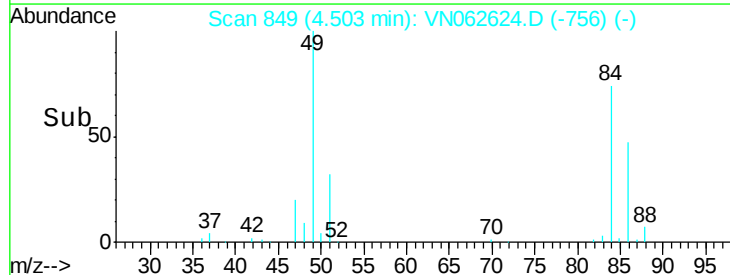
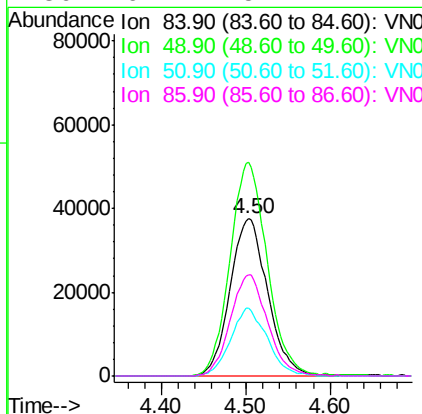
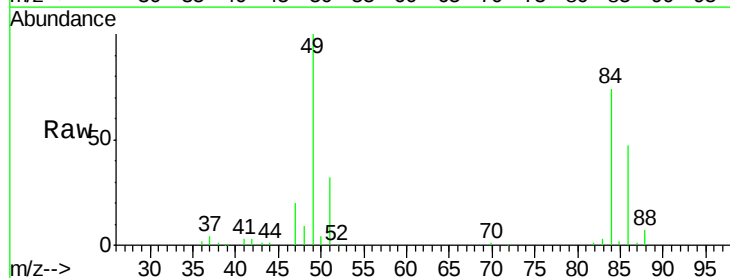
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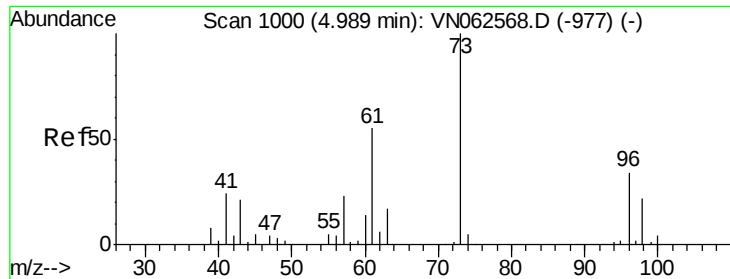
MMDadoda
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#20
Methylene Chloride
Concen: 42.780 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 84 Resp: 116223
Ion Ratio Lower Upper
84 100
49 135.8 109.4 164.0
51 43.5 33.6 50.4
86 64.4 51.4 77.2





#21

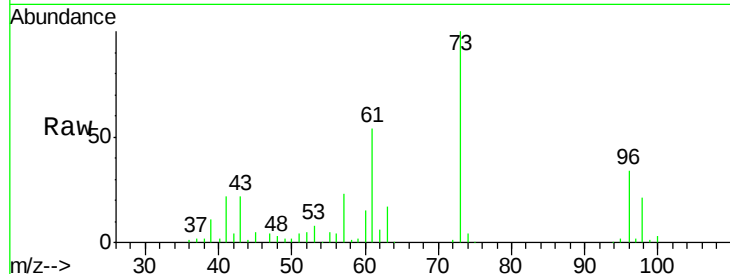
trans-1,2-Dichloroethene
Concen: 45.484 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	158.5	128.6	192.8	
98	61.0	50.6	76.0	

Manual Integrations
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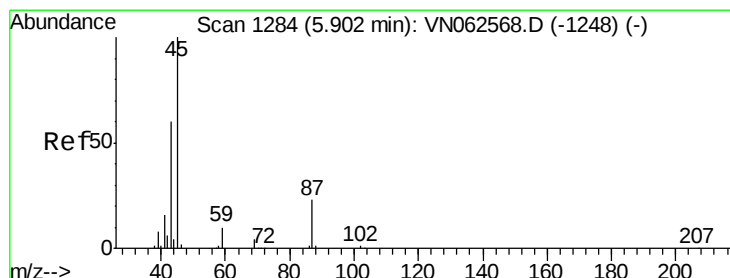
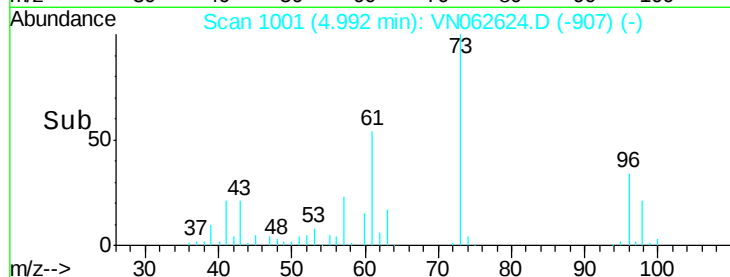
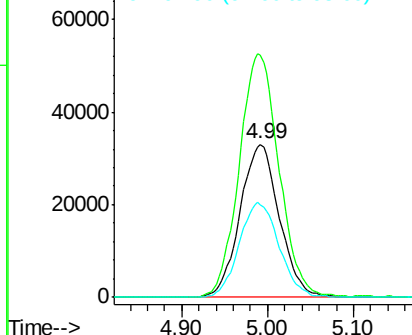


Abundance

Ion 95.90 (95.60 to 96.60): VN062624.D (-977) (-)

Ion 60.90 (60.60 to 61.60): VN062624.D (-977) (-)

Ion 97.90 (97.60 to 98.60): VN062624.D (-977) (-)



#22

Diisopropyl ether
Concen: 44.527 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	63.6	48.7	73.1	
87	24.6	19.0	28.6	
59	11.4	8.6	13.0	

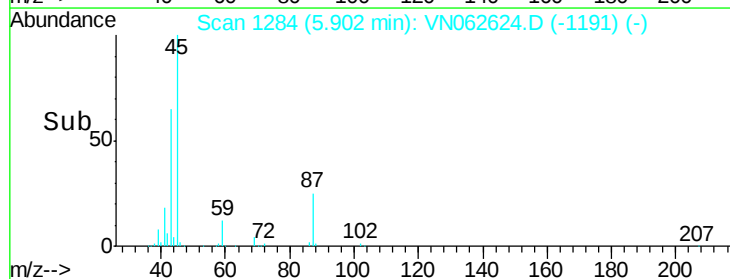
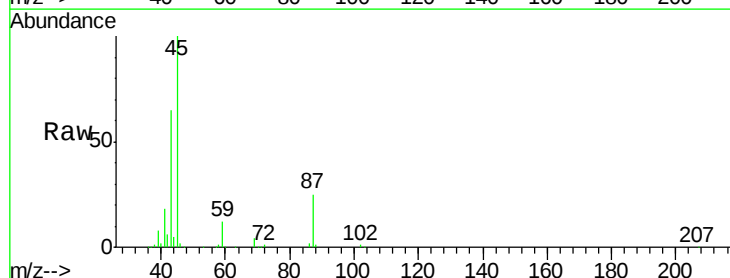
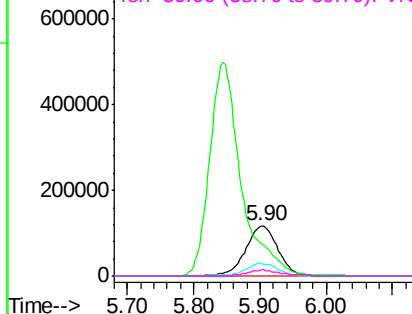
Abundance

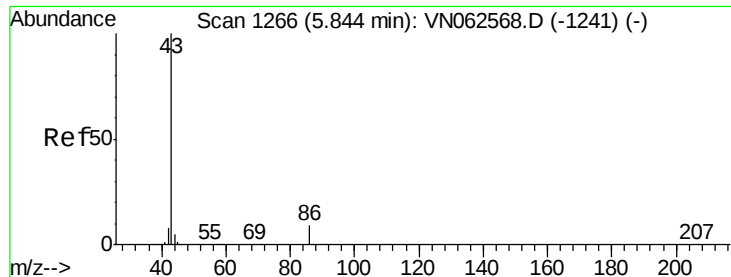
Ion 45.00 (44.70 to 45.70): VN062624.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062624.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062624.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062624.D (-1191) (-)





#23

Vinyl Acetate

Concen: 227.075 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1659837

Ion Ratio Lower Upper

43 100

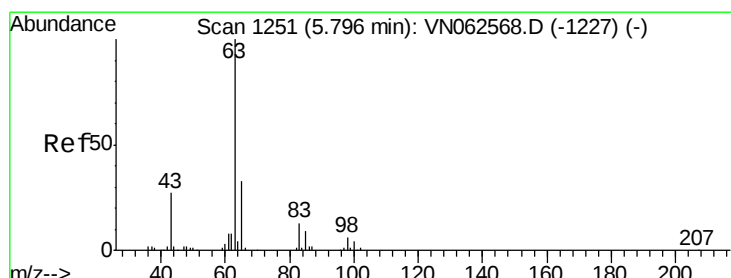
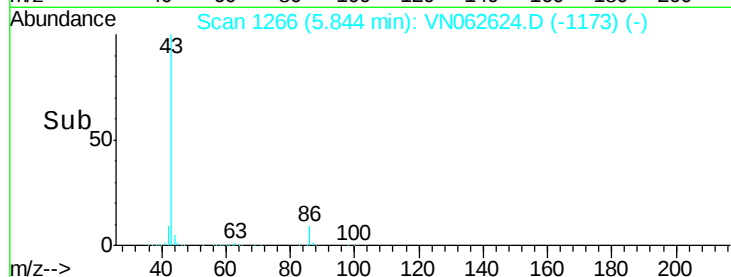
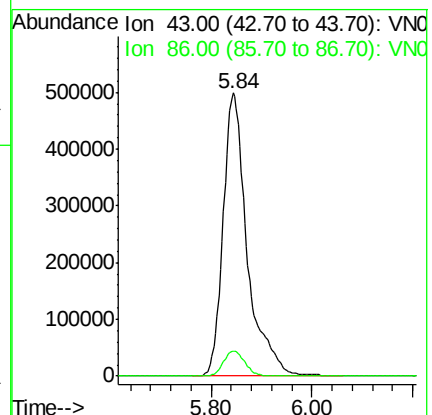
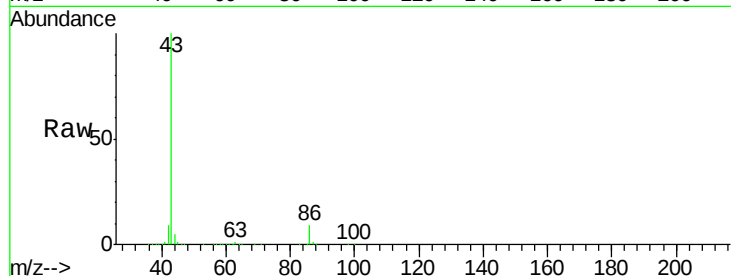
86 8.8 6.9 10.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 45.525 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

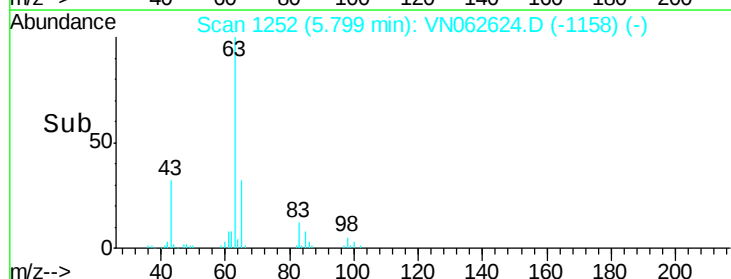
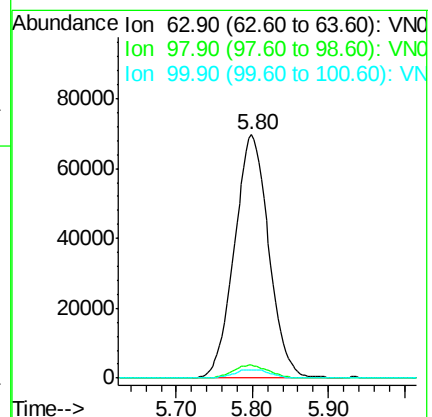
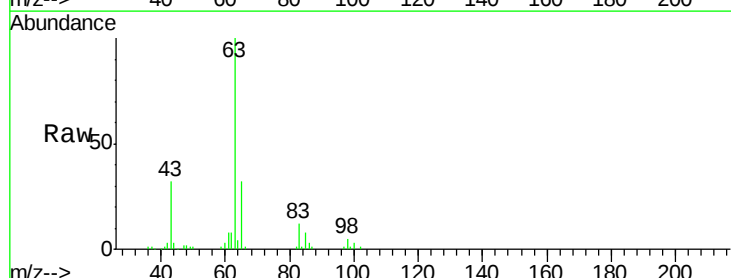
Tgt Ion: 63 Resp: 218695

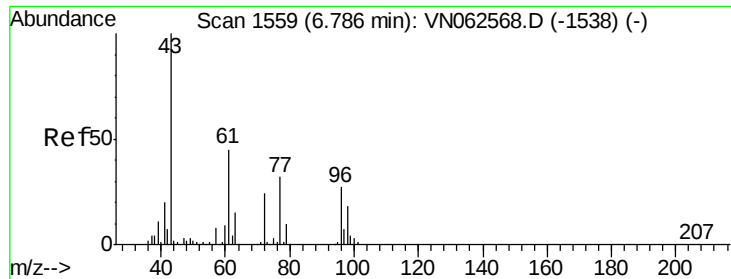
Ion Ratio Lower Upper

63 100

98 5.3 2.9 8.8

100 3.3 1.8 5.4





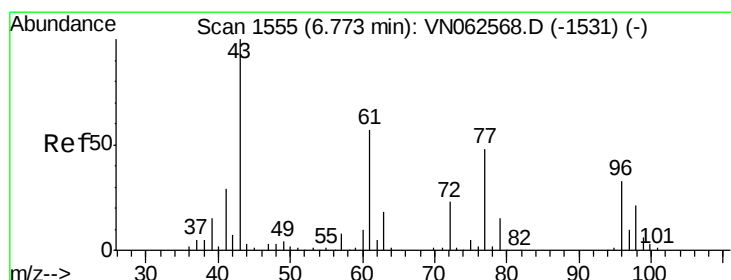
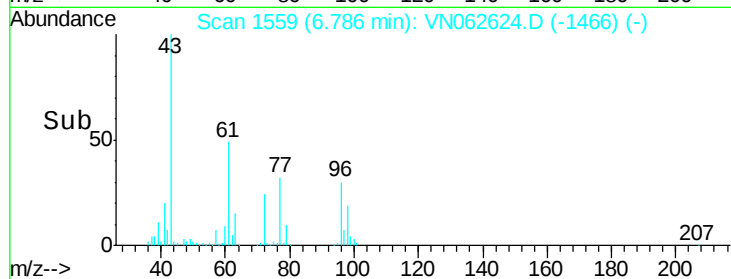
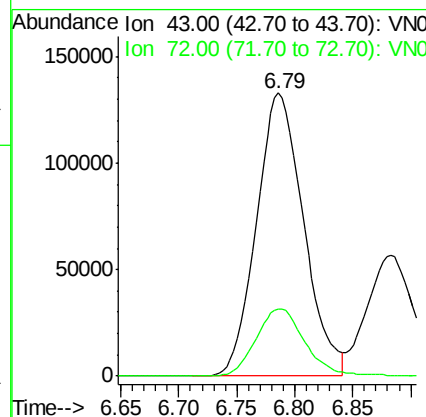
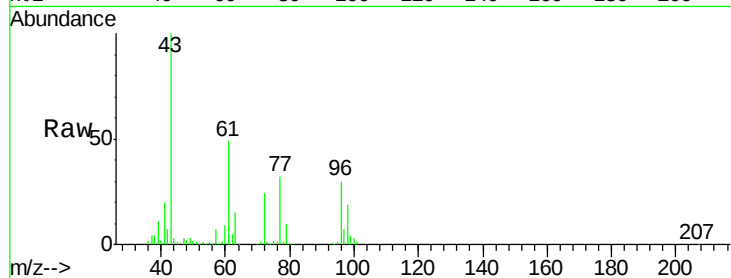
#25
2-Butanone
Concen: 216.797 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	374003
Ion Ratio	100	Lower	Upper
72	23.9	19.0	28.6

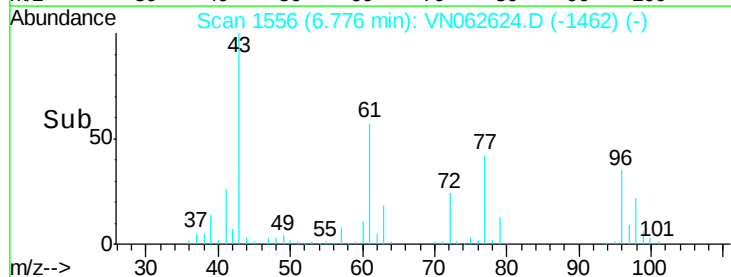
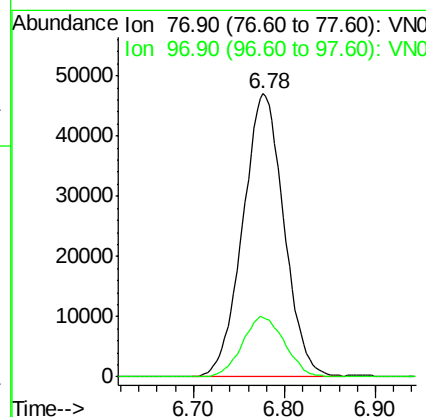
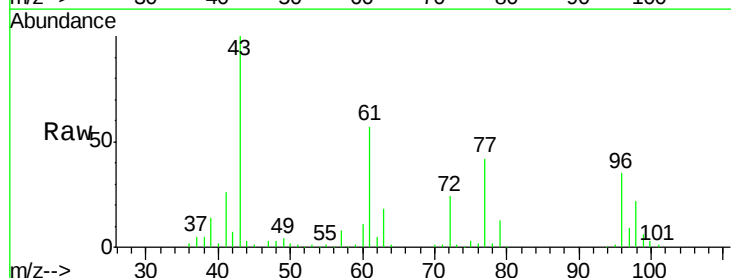
Manual Integrations
APPROVED

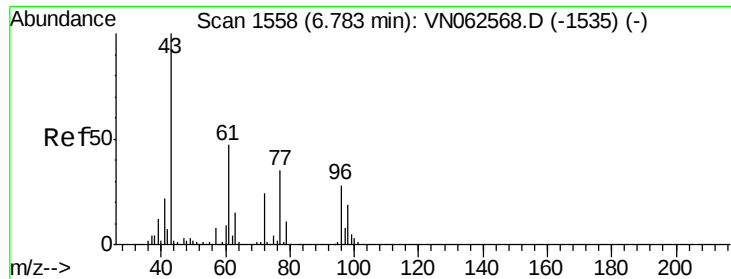
MMDadoda
7/28/2020 1:46:14 PM



#26
2,2-Dichloropropane
Concen: 37.474 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	77	Resp	147780
Ion Ratio	100	Lower	Upper
97	21.8	10.8	32.4





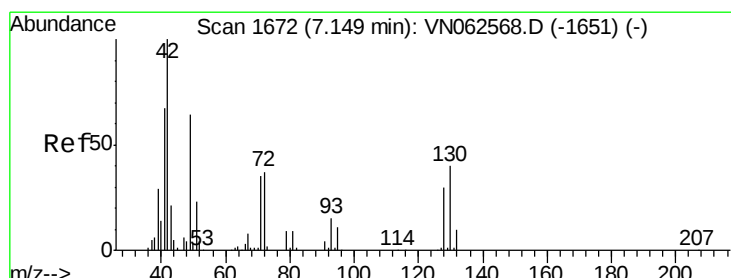
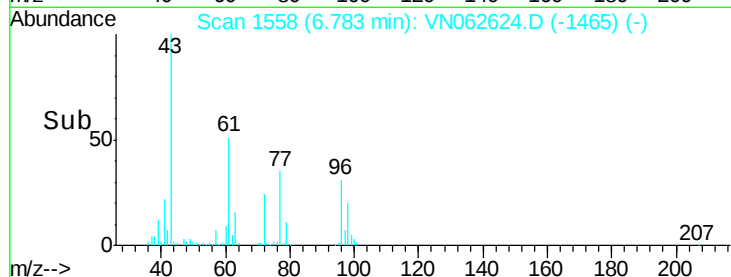
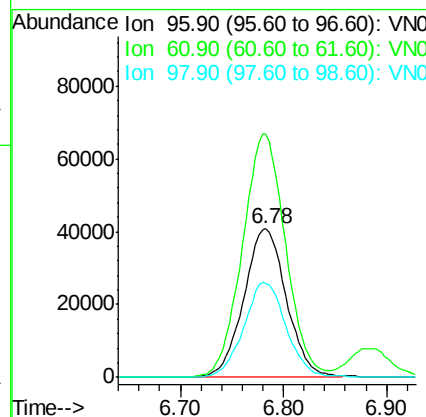
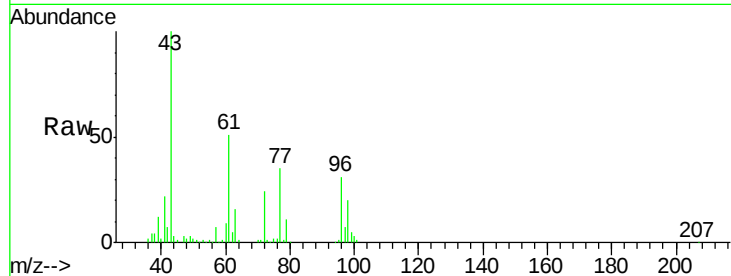
#27
 cis-1,2-Dichloroethene
 Concen: 44.562 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	117093		
61	165.4	0.0	332.4	
98	63.3	0.0	127.4	

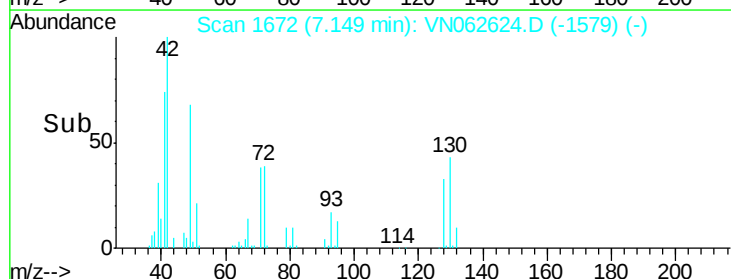
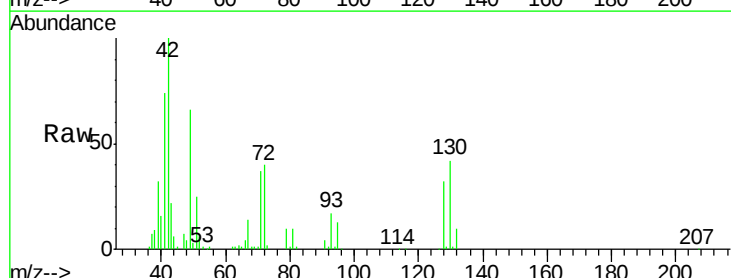
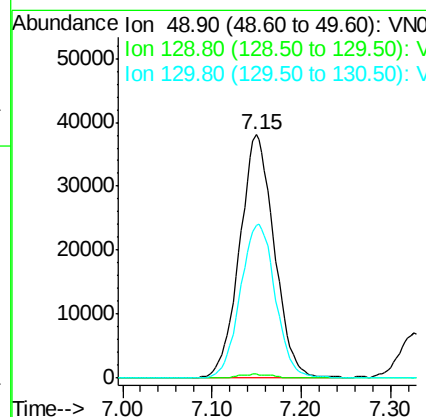
Manual Integrations
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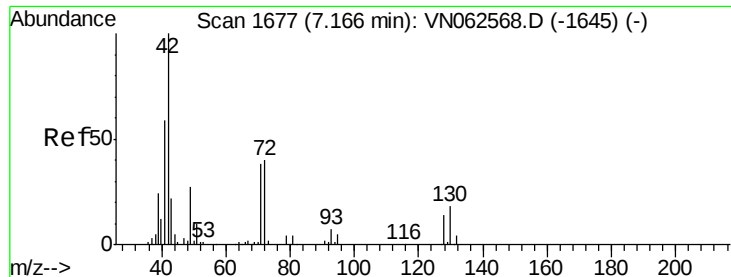
MMDadoda
 7/28/2020 1:46:14 PM



#28
 Bromochloromethane
 Concen: 43.394 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	102591		
129	1.4	0.0	3.4	
130	63.7	49.8	74.8	





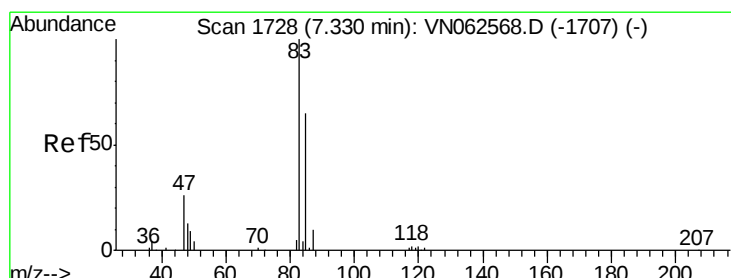
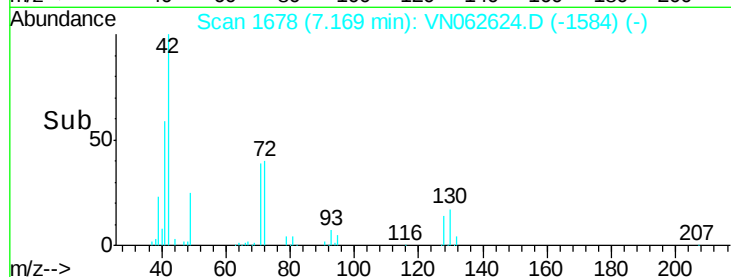
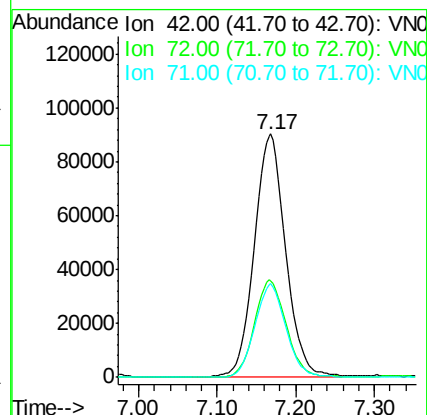
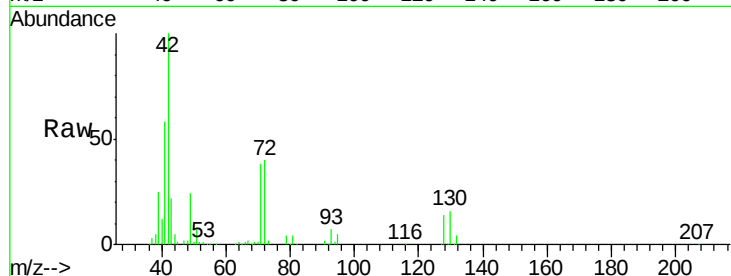
#29
Tetrahydrofuran
Concen: 219.053 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	30.7	46.1
71	38.3	29.1	43.7

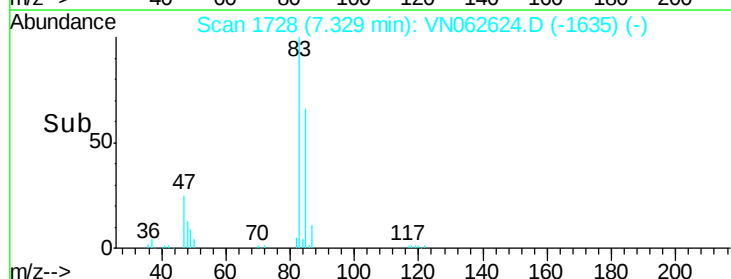
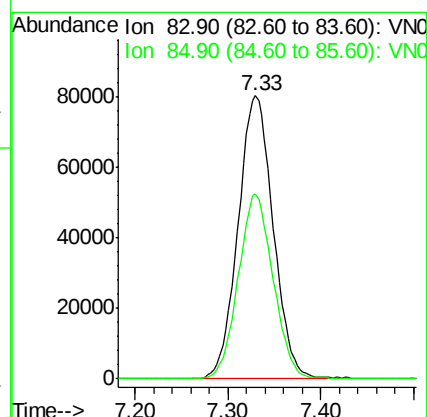
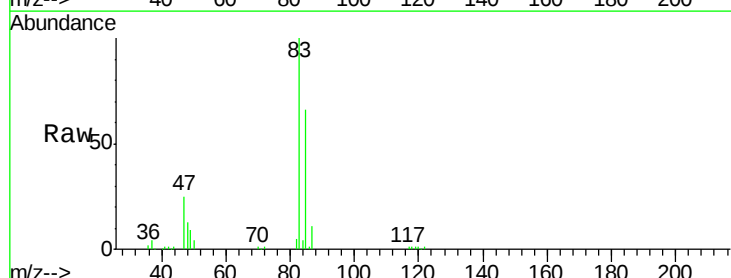
Manual Integrations
APPROVED

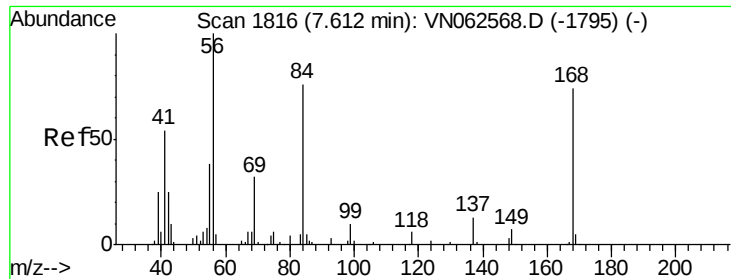
MMDadoda
7/28/2020 1:46:14 PM



#30
Chloroform
Concen: 46.190 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.0	78.0





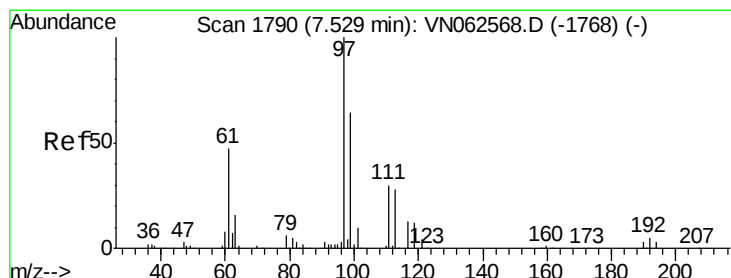
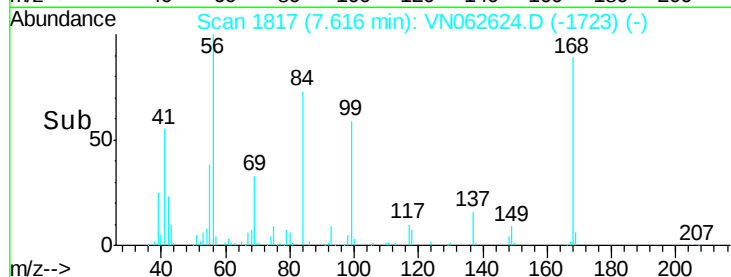
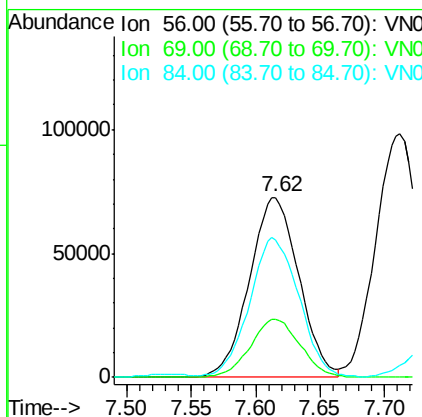
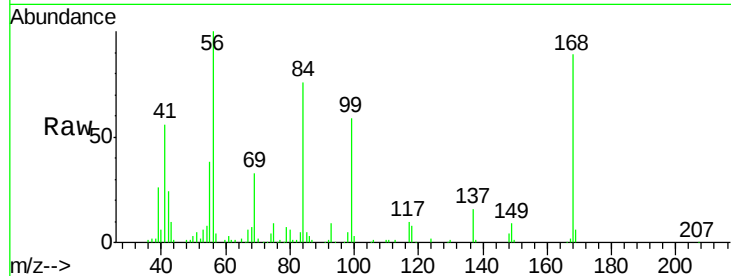
#31
Cyclohexane
Concen: 43.682 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.3	37.9
84	75.3	61.0	91.4

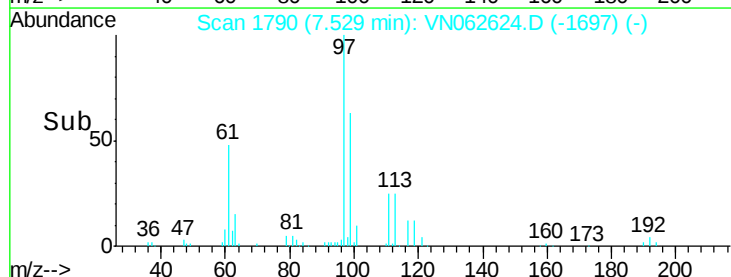
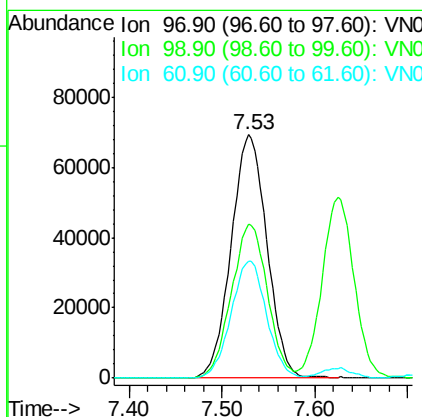
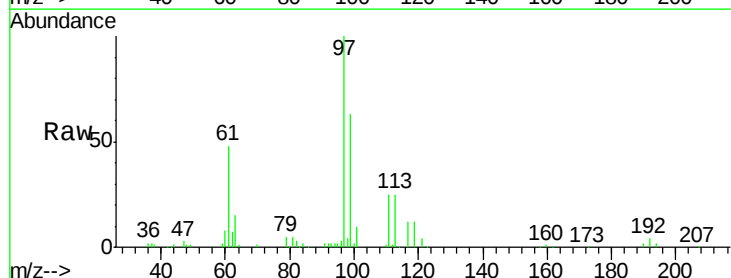
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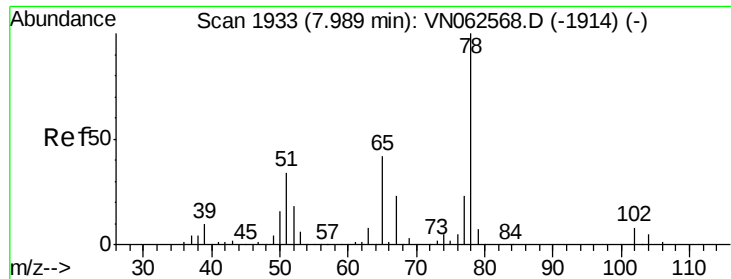
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#32
1,1,1-Trichloroethane
Concen: 48.702 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.2	76.8
61	47.6	38.4	57.6





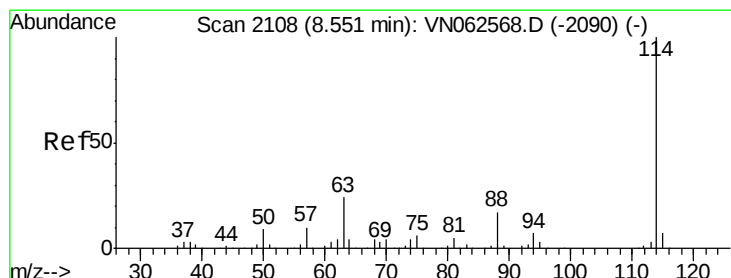
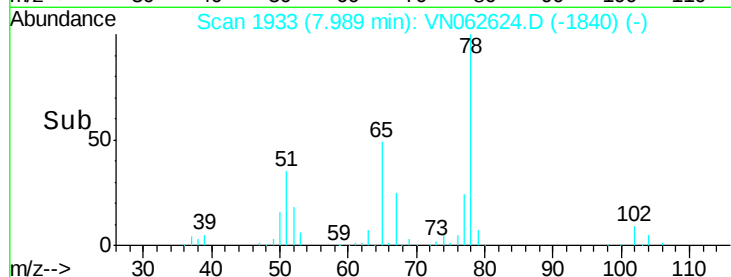
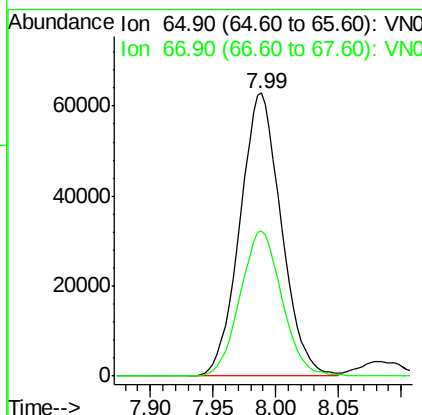
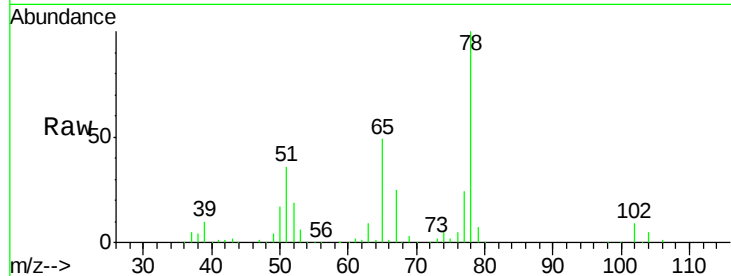
#33
 1,2-Dichloroethane-d4
 Concen: 47.928 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 144271
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.0

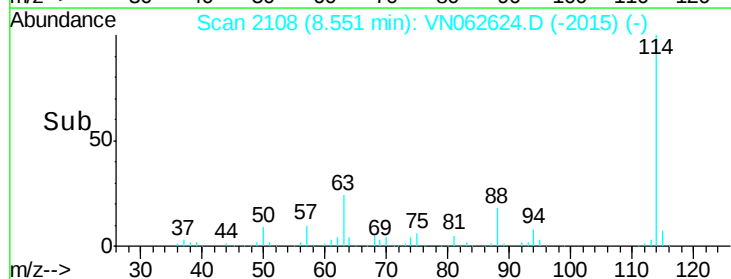
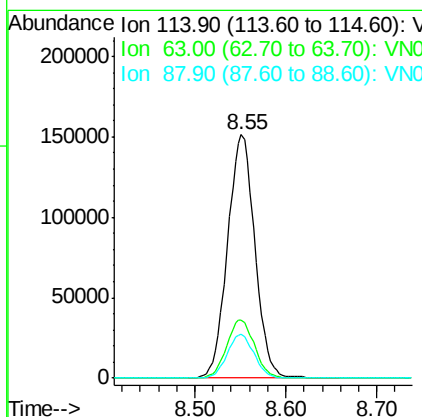
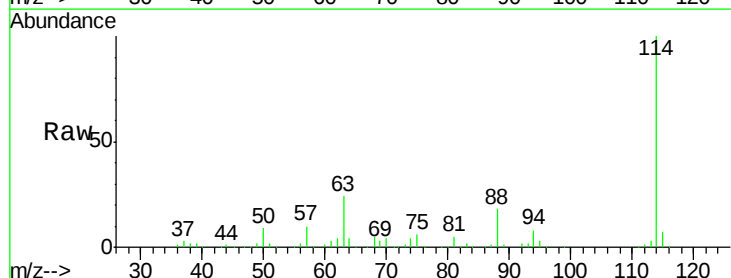
Manual Integrations
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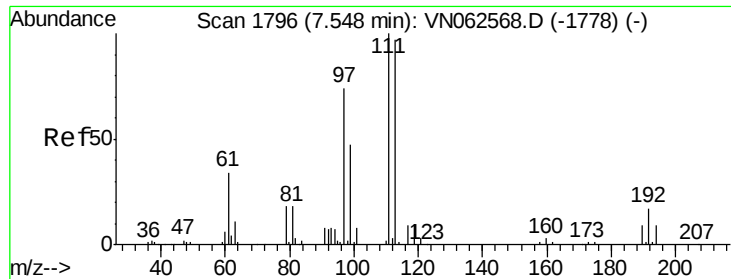
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion: 114 Resp: 315461
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.4
 88 17.8 0.0 33.8





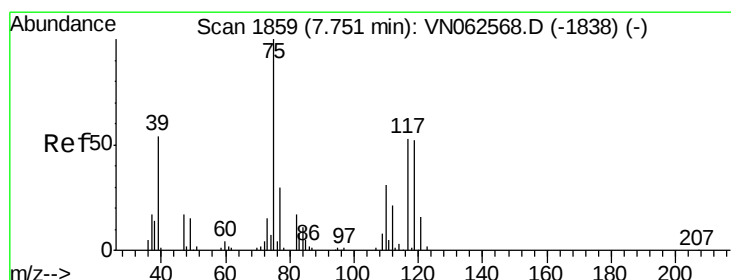
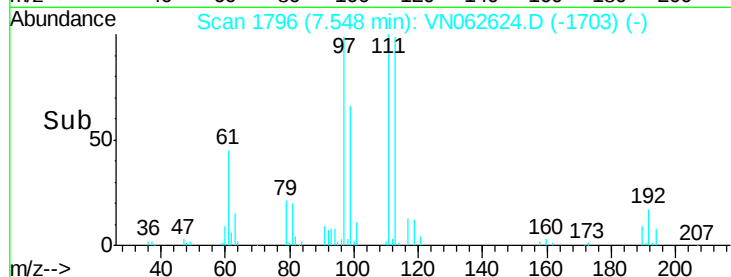
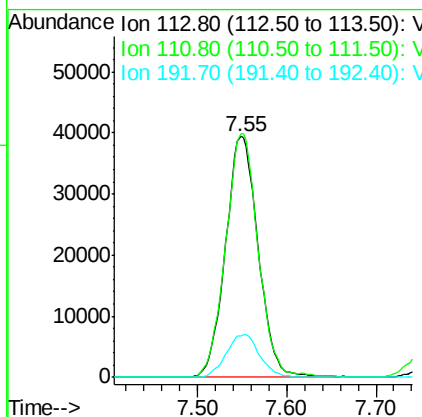
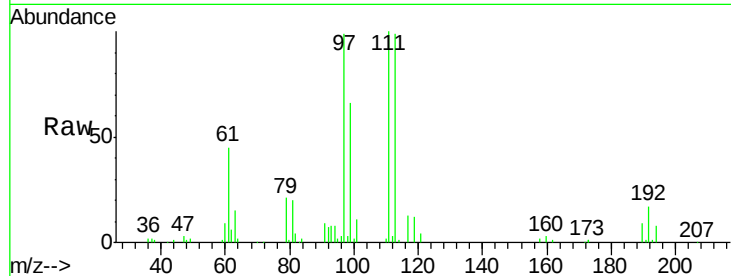
#35
 Dibromofluoromethane
 Concen: 48.359 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	100206		
111	100.6	82.7	124.1	
192	18.0	14.8	22.2	

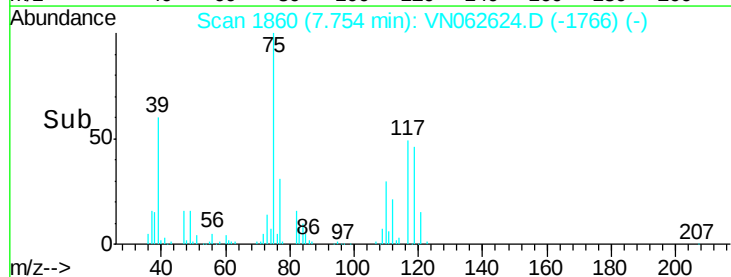
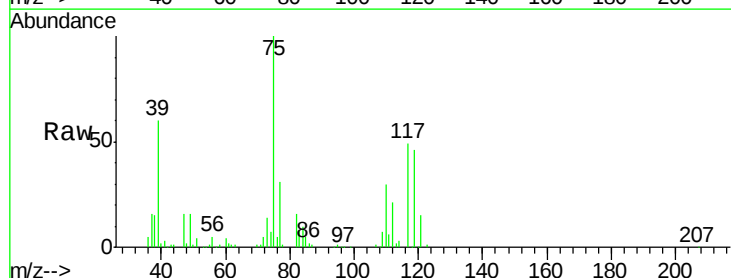
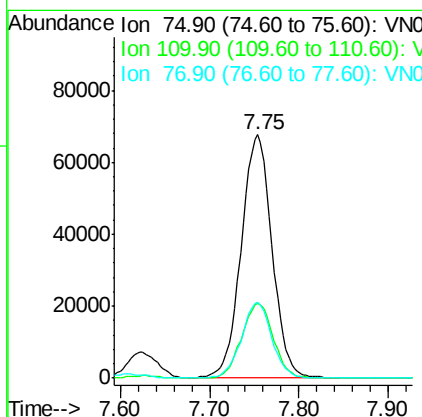
Manual Integrations
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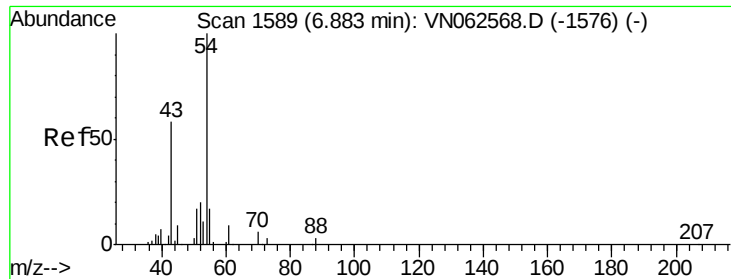
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#36
 1,1-Dichloropropene
 Concen: 48.106 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	161756		
110	31.5	16.0	48.0	
77	30.9	24.6	36.8	





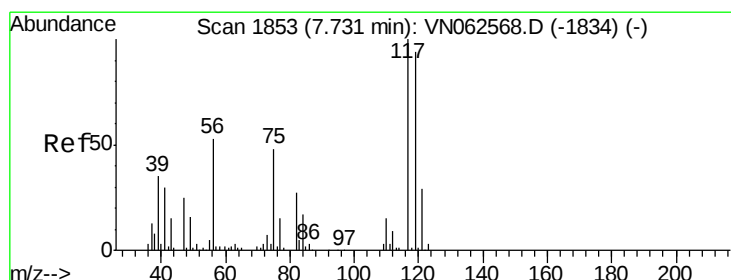
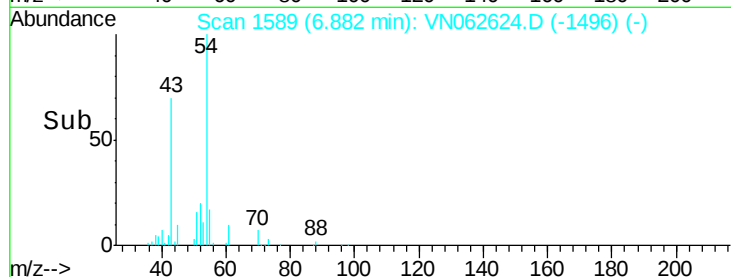
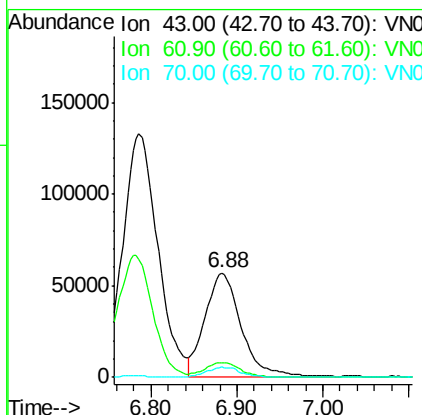
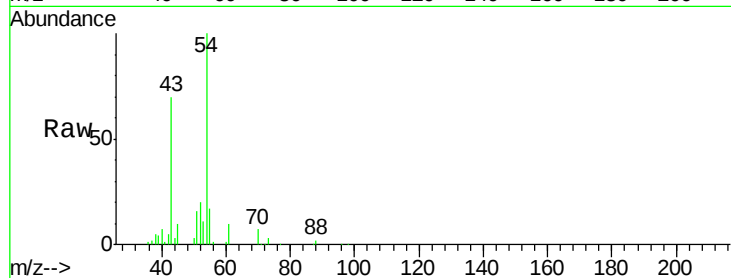
#37
Ethyl Acetate
Concen: 45.347 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	9.4	7.7	11.5

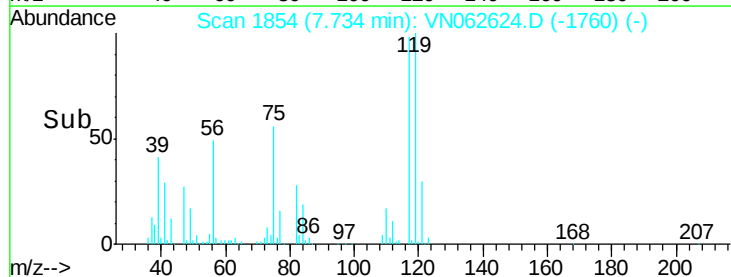
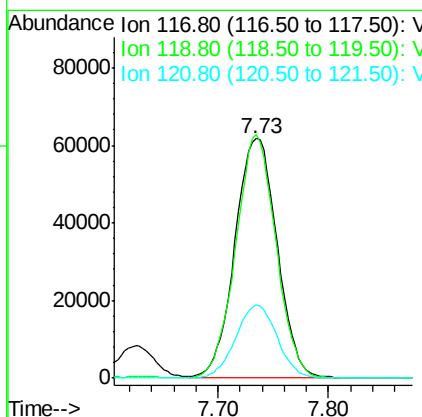
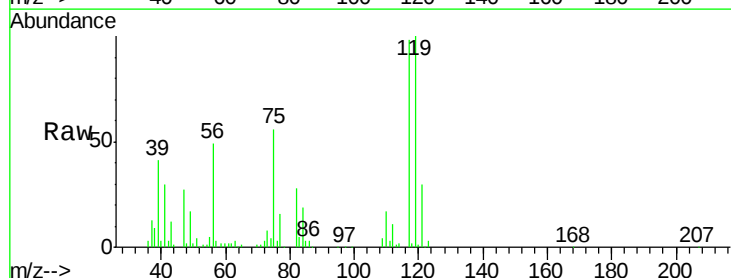
Manual Integrations
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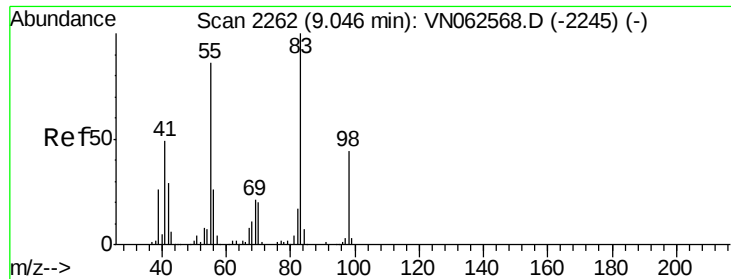
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#38
Carbon Tetrachloride
Concen: 50.385 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.0	74.8	112.2
121	30.9	23.0	34.6





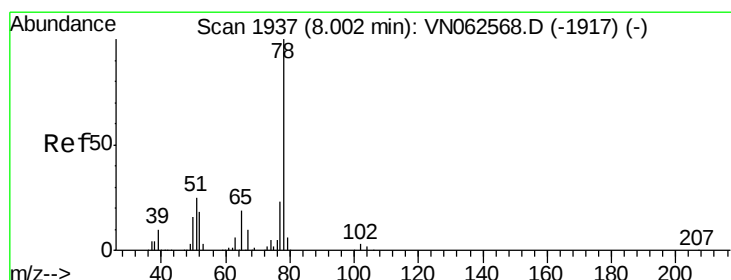
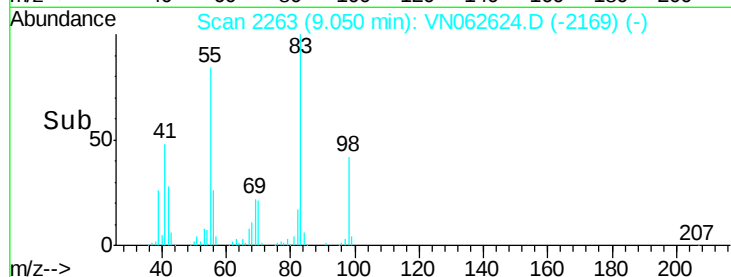
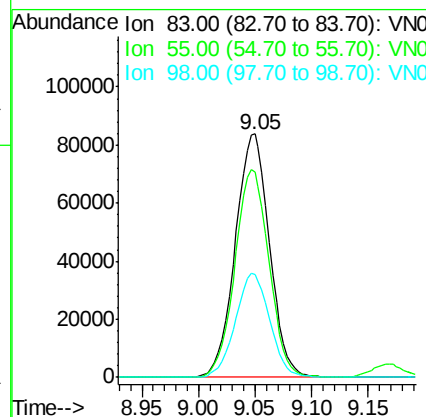
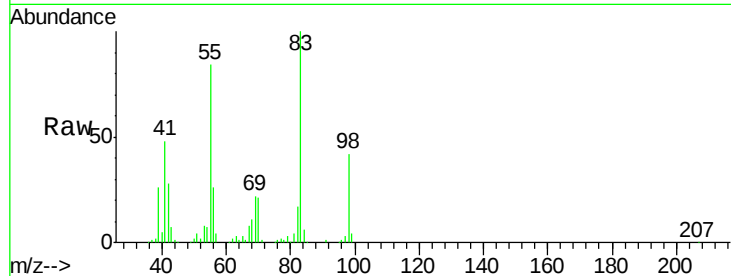
#39
Methvlcvclohexane
Concen: 48.660 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.0	68.9	103.3
98	42.1	35.1	52.7

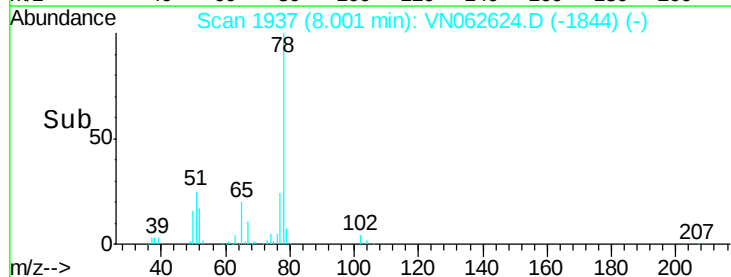
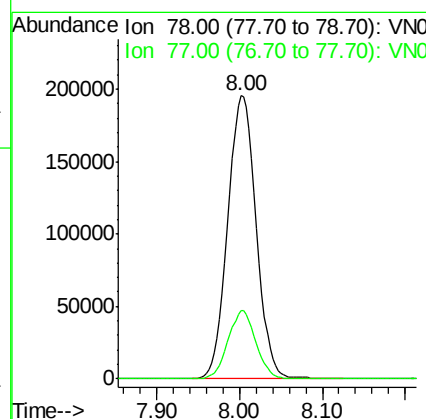
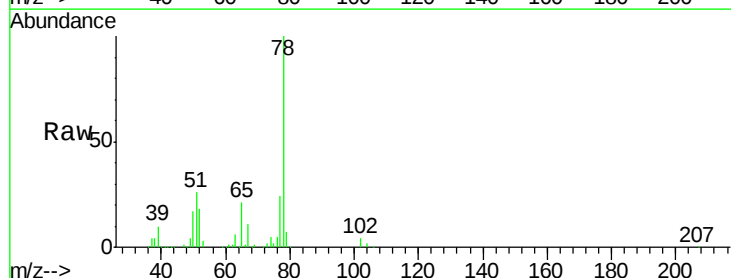
Manual Integrations
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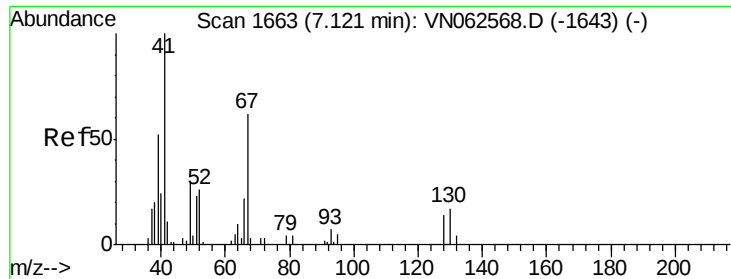
MMDadoda
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#40
Benzene
Concen: 45.756 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1





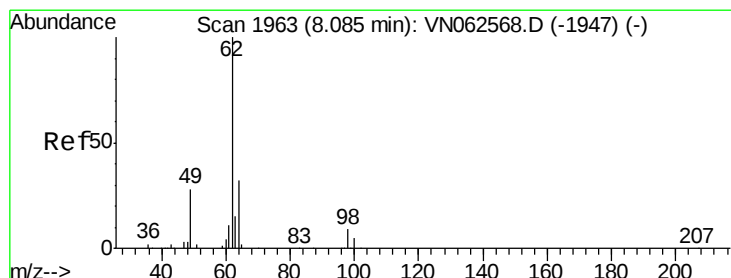
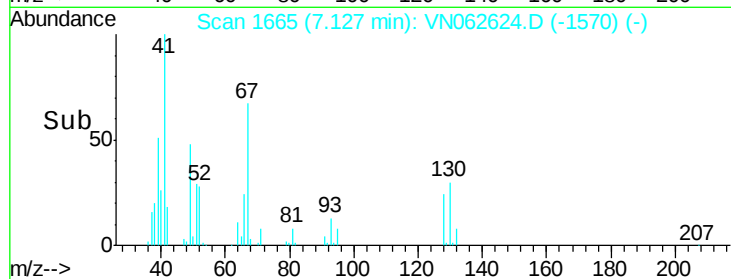
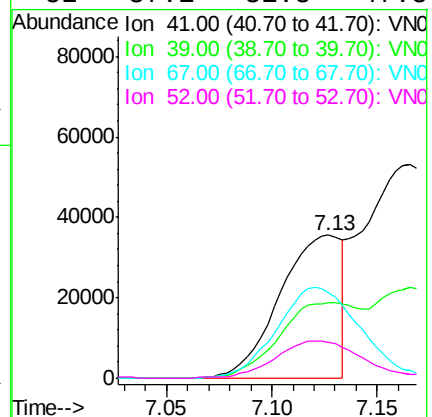
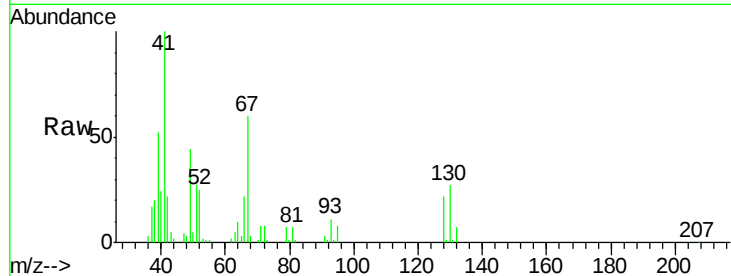
#41
Methacrylonitrile
Concen: 46.685 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		72521		
39	67.5	55.8	83.6		
67	86.0	72.5	108.7		
52	37.1	31.8	47.8		

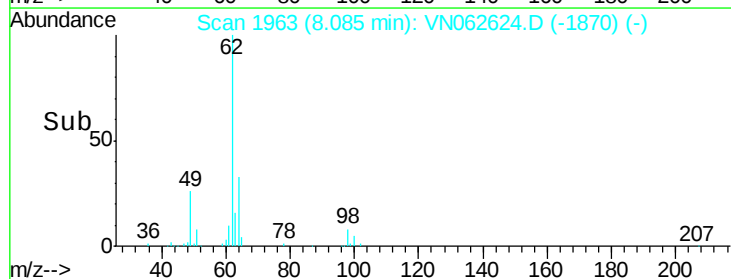
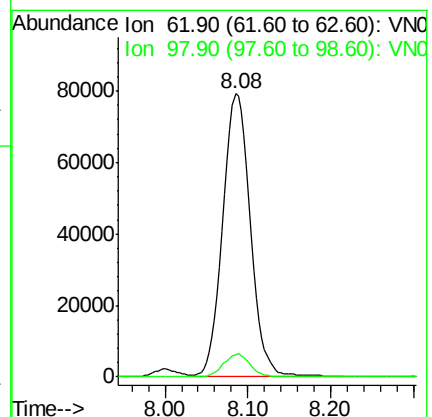
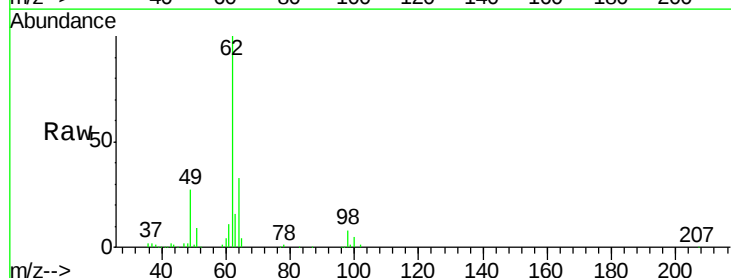
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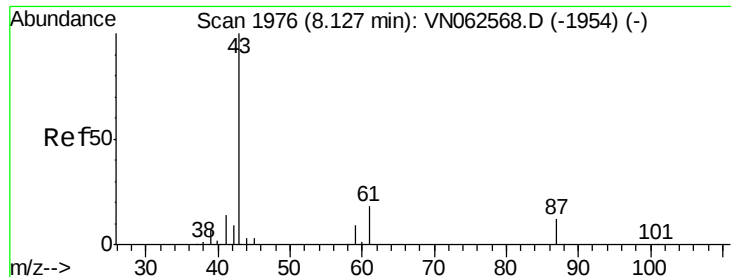
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#42
1,2-Dichloroethane
Concen: 49.451 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		184041		
98	7.6	0.0	16.2		





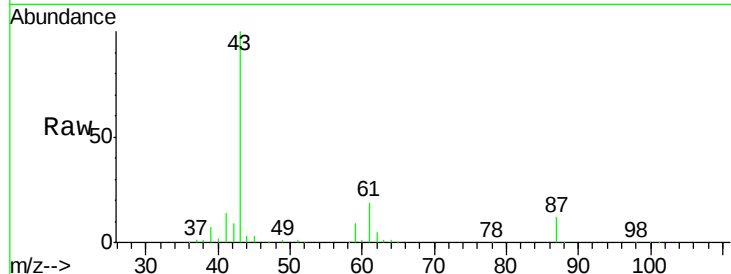
#43
Isopropyl Acetate
Concen: 47.215 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

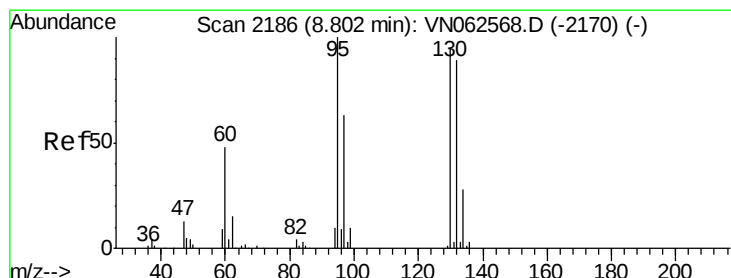
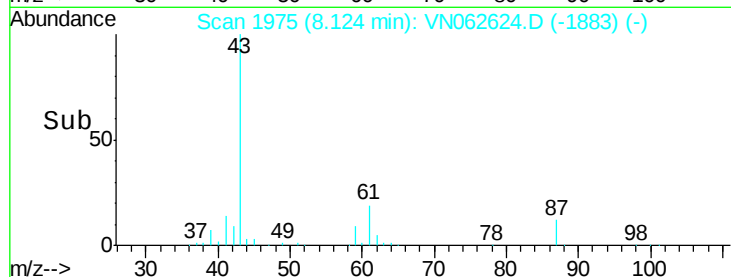
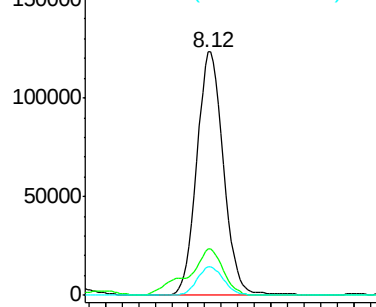
Tot Ion	Ratio	Lower	Upper
43	100		
61	24.9	20.8	31.2
87	11.7	9.2	13.8

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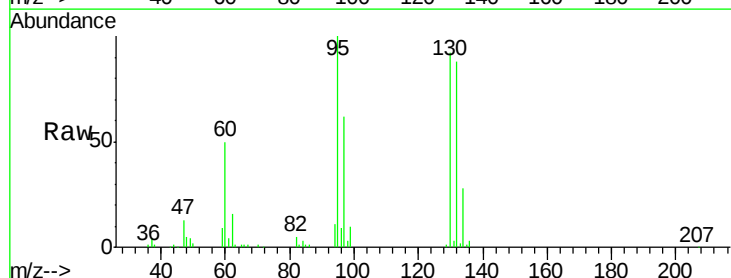


Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

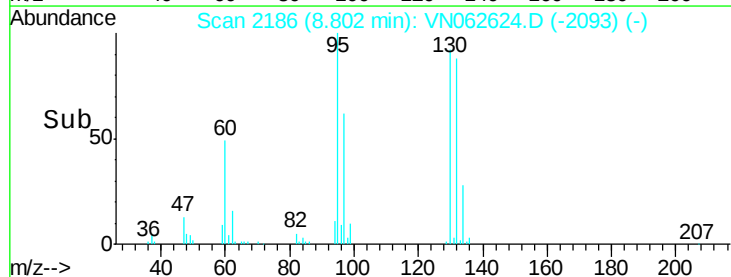
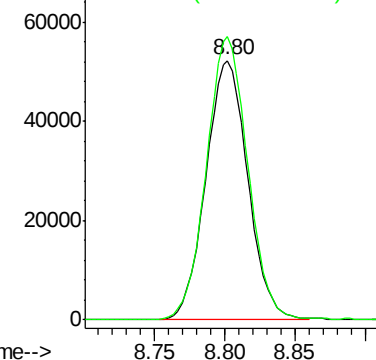


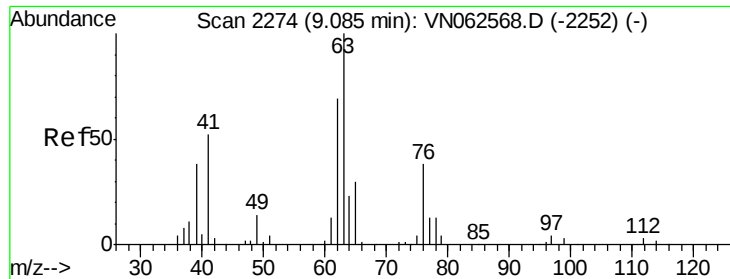
#44
Trichloroethene
Concen: 47.401 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.2	0.0	210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)





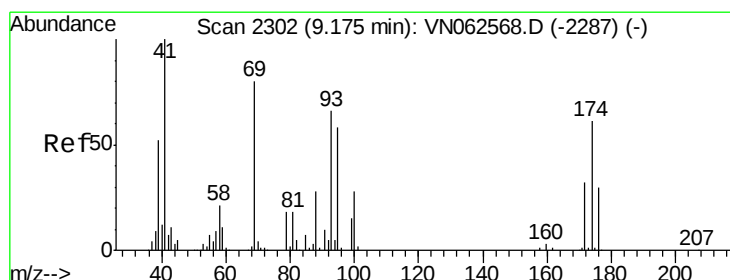
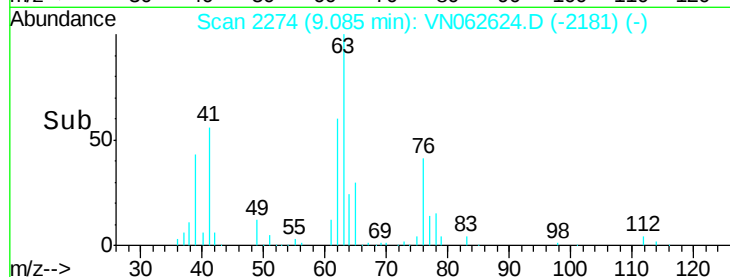
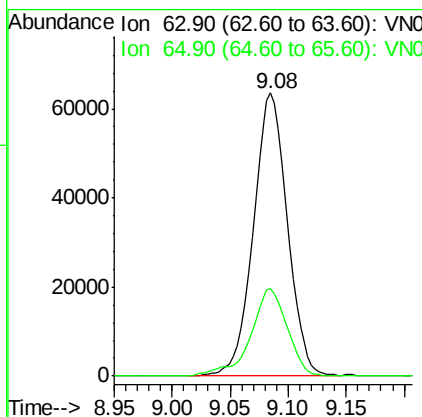
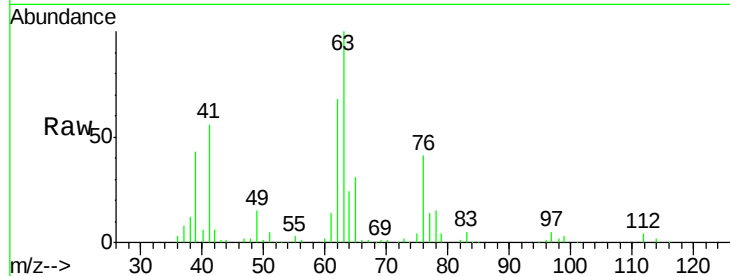
#45
 1,2-Dichloropropane
 Concen: 45.503 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 130055
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.4 36.6

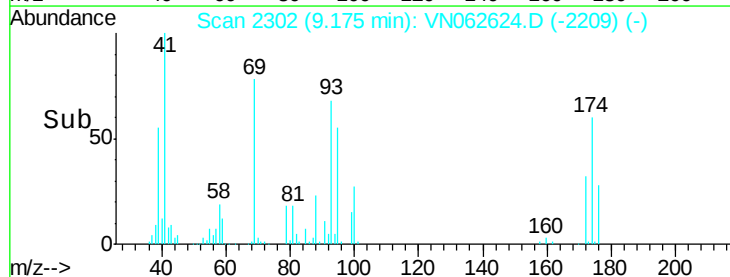
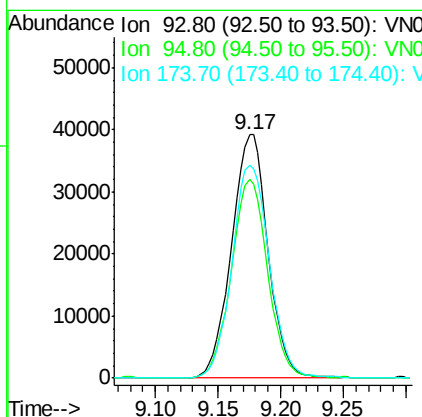
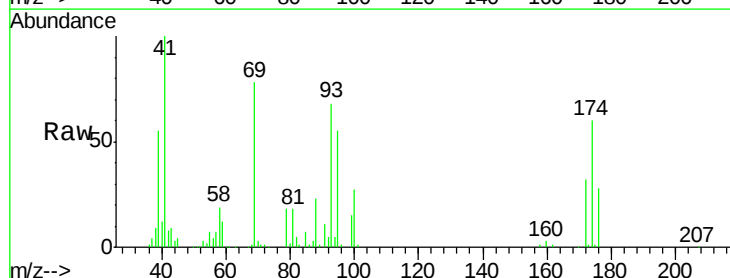
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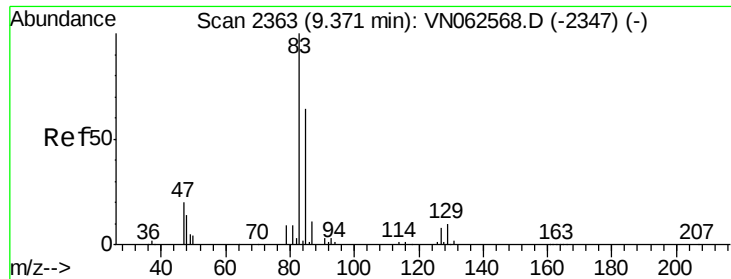
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#46
 Dibromomethane
 Concen: 48.152 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion: 93 Resp: 79545
 Ion Ratio Lower Upper
 93 100
 95 81.0 67.6 101.4
 174 89.5 72.5 108.7





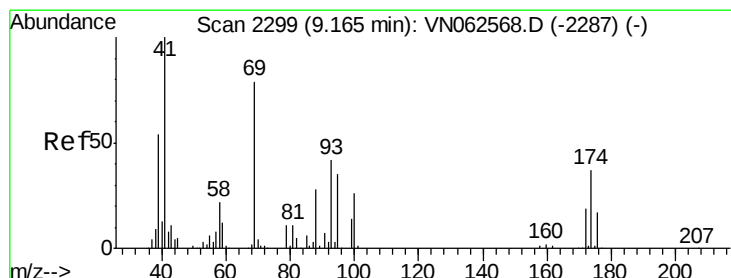
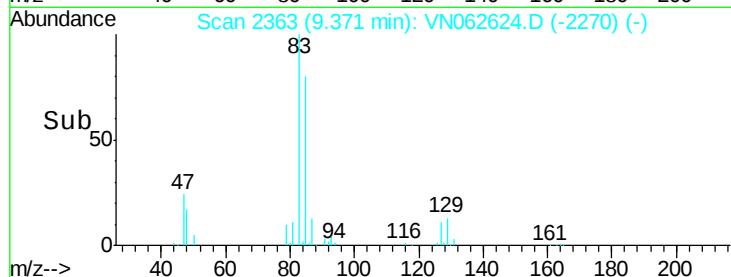
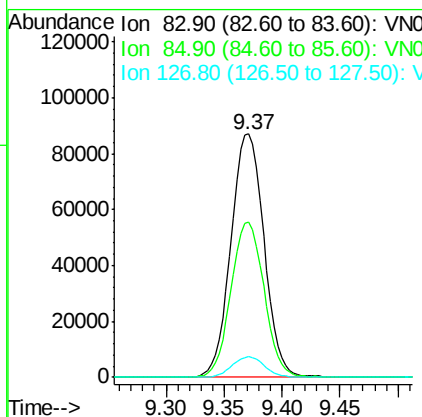
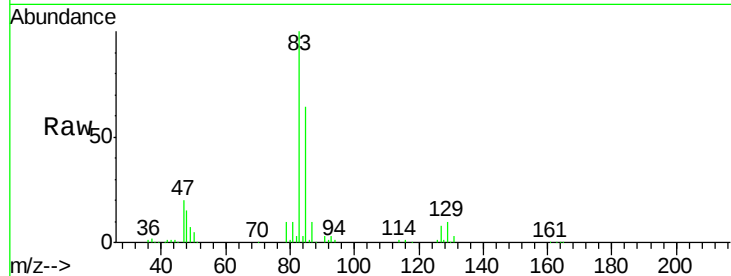
#47
Bromodichloromethane
Concen: 48.333 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	172978
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	51.6	77.4
127	8.5	6.2	9.2

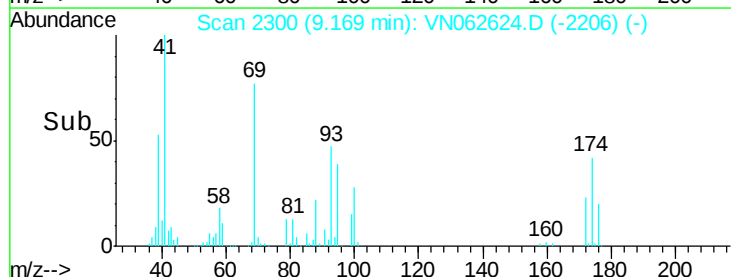
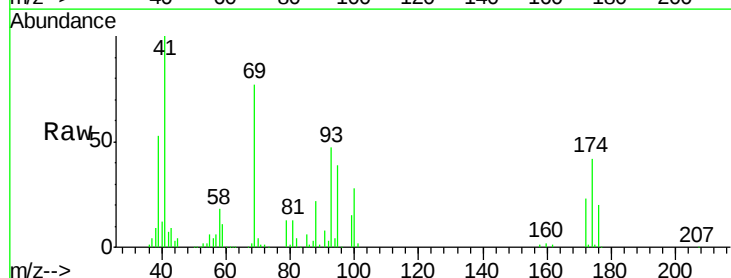
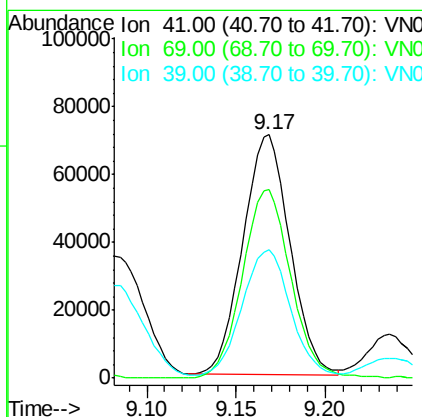
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#48
Methyl methacrylate
Concen: 47.300 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	41	Resp	131379
Ion Ratio	100	Lower	Upper
41	100		
69	80.6	64.4	96.6
39	55.4	43.5	65.3





#49

1,4-Dioxane

Concen: 792.556 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

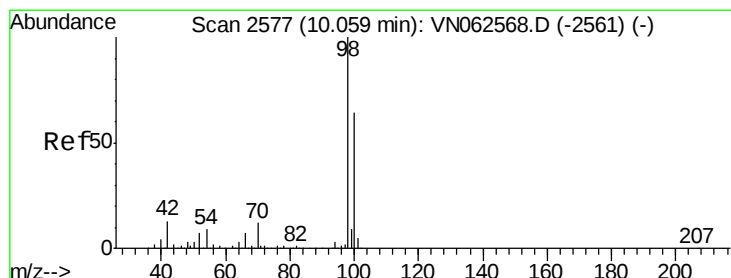
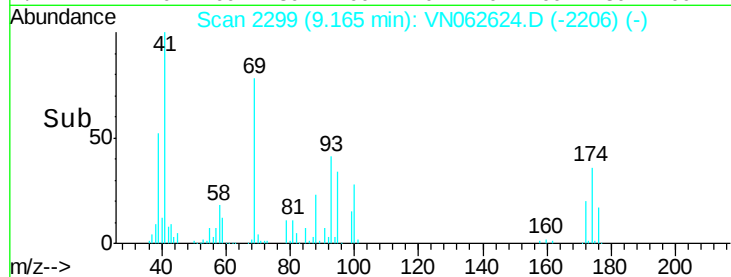
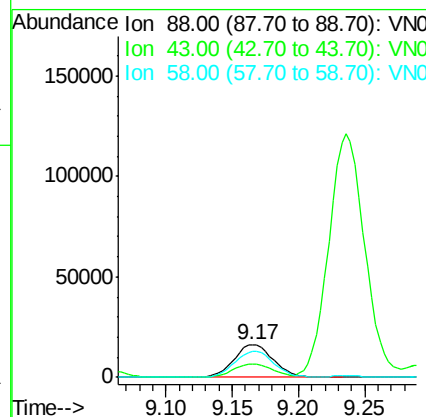
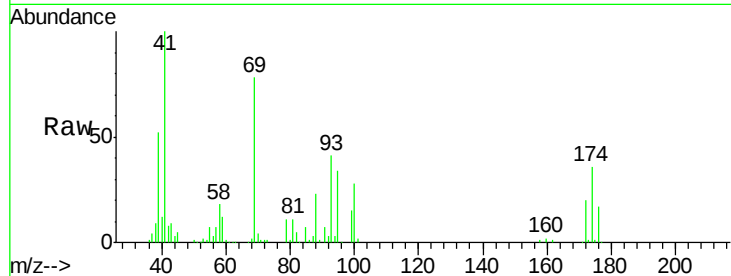
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	33811
Ion Ratio	Lower	Upper	
88	100		
43	38.8	32.0	48.0
58	79.1	62.8	94.2

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#50

Toluene-d8

Concen: 41.948 ug/l

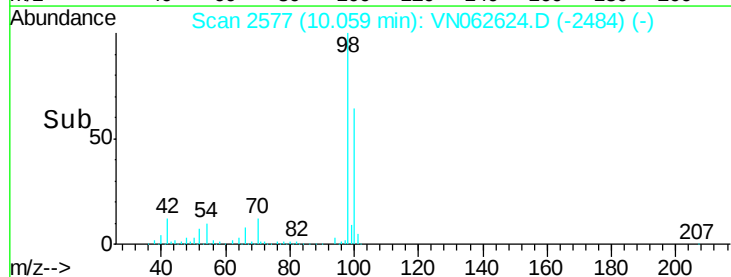
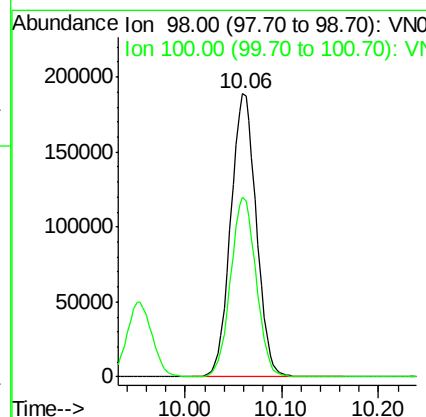
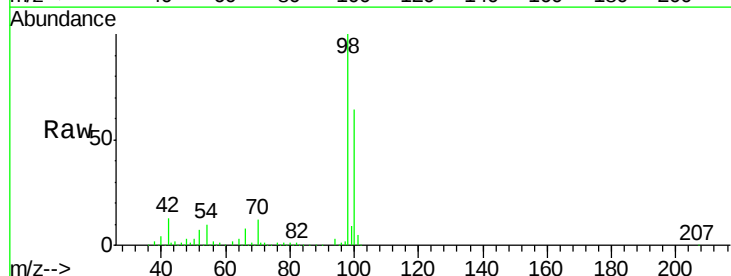
RT: 10.06 min Scan# 2577

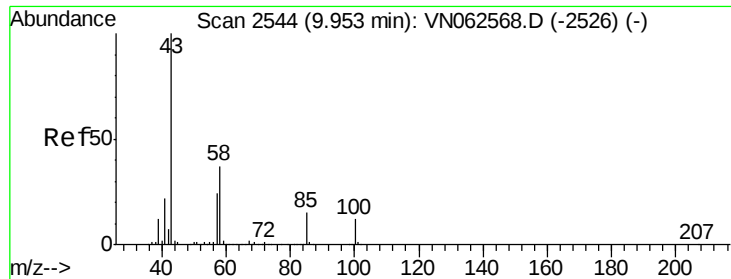
Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Tgt Ion:	98	Resp:	346814
Ion Ratio	Lower	Upper	
98	100		
100	62.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 191.486 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 669464

Ion Ratio Lower Upper

43 100

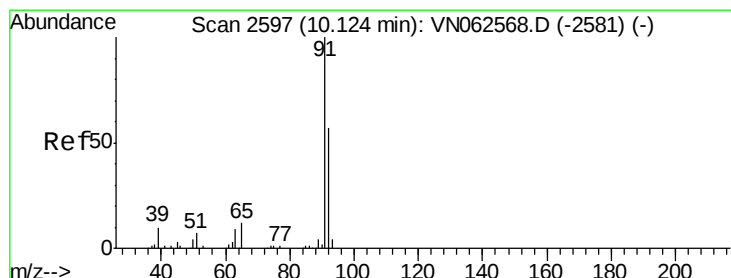
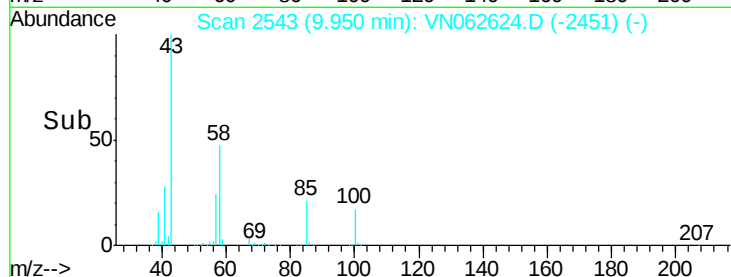
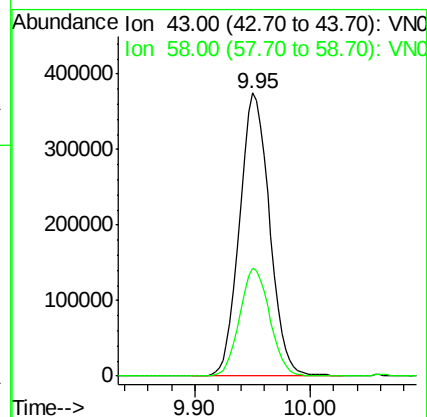
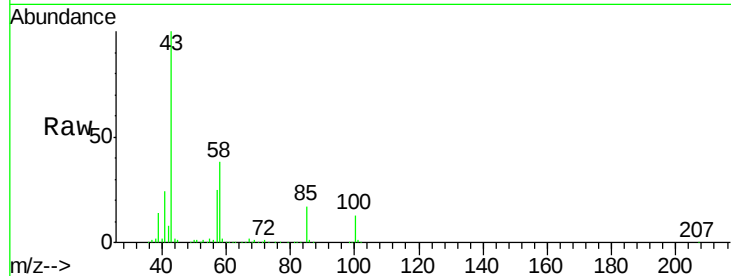
58 38.5 29.8 44.6

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#52

Toluene

Concen: 42.323 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062624.D

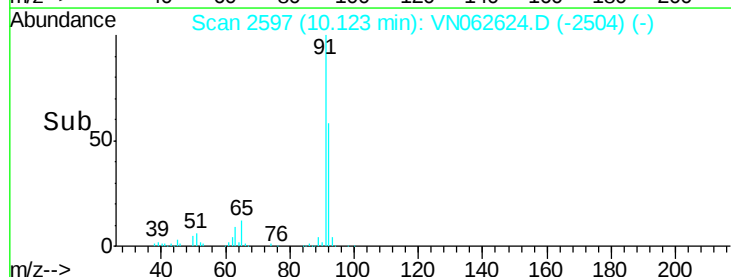
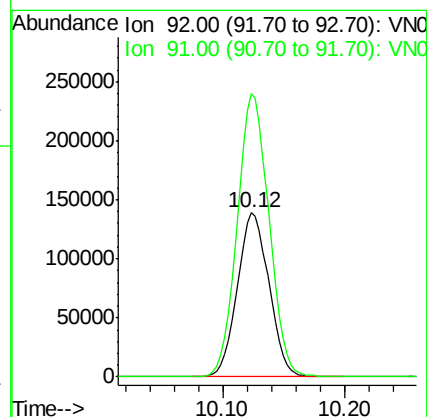
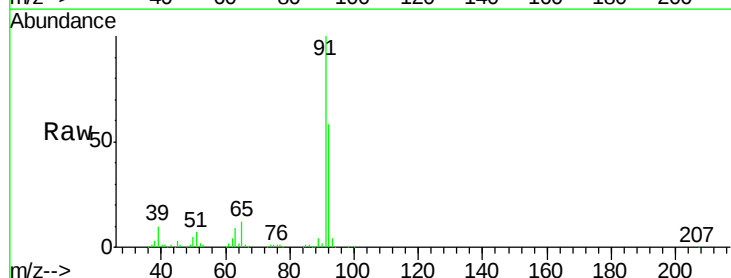
Acq: 28 Jul 2020 1:23

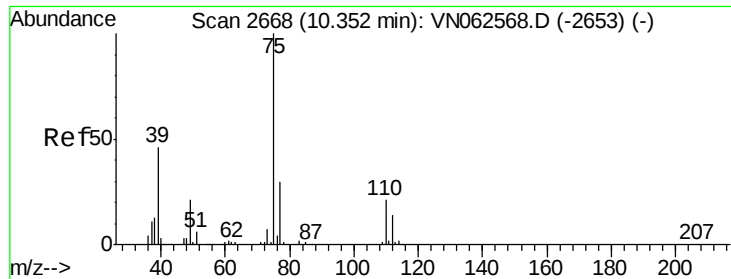
Tgt Ion: 92 Resp: 250172

Ion Ratio Lower Upper

92 100

91 173.1 139.4 209.2





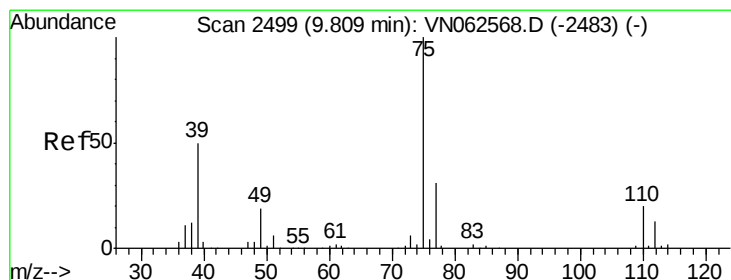
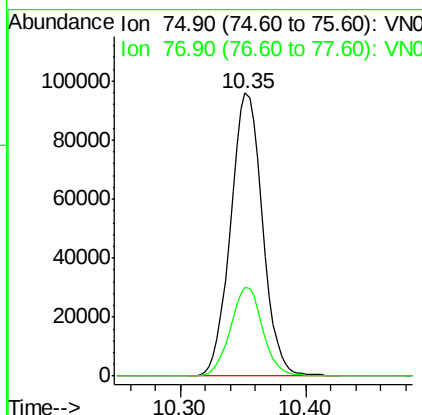
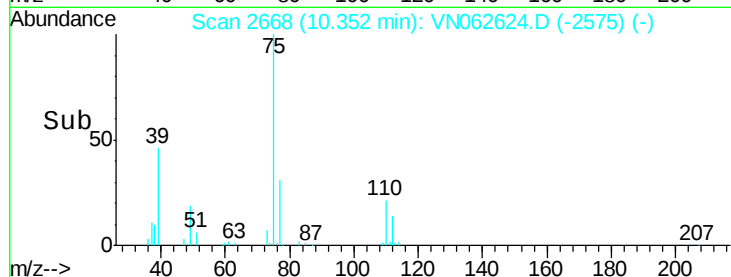
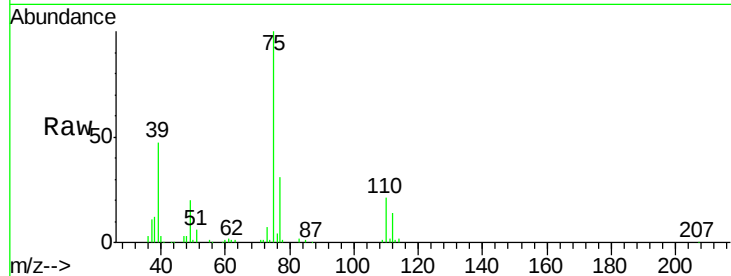
#53
 t-1,3-Dichloropropene
 Concen: 42.553 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 169534
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.3 36.5

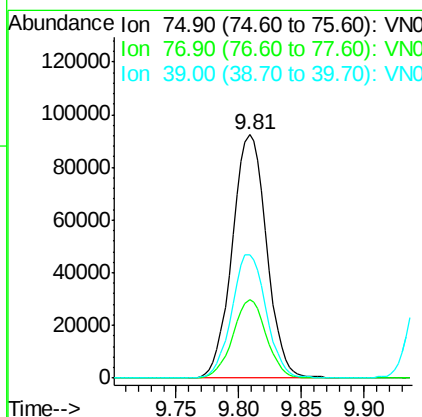
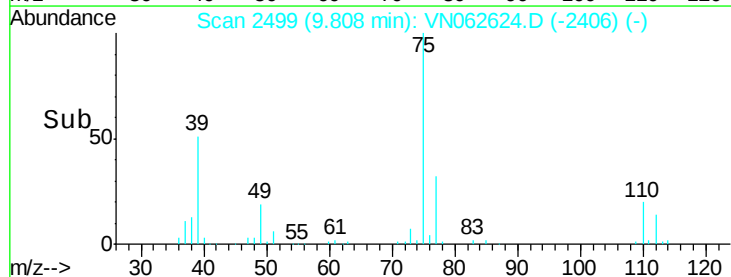
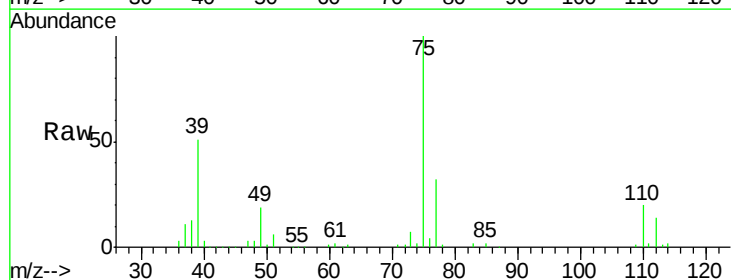
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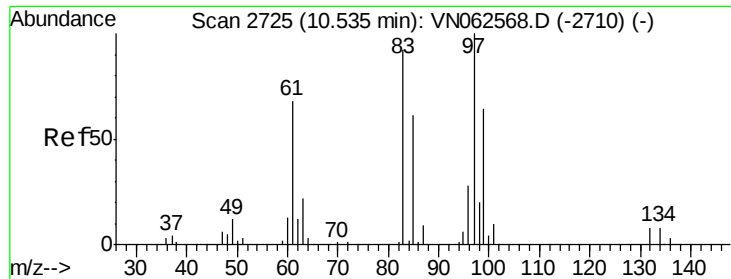
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#54
 cis-1,3-Dichloropropene
 Concen: 41.218 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion: 75 Resp: 176207
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.6
 39 50.8 39.8 59.8





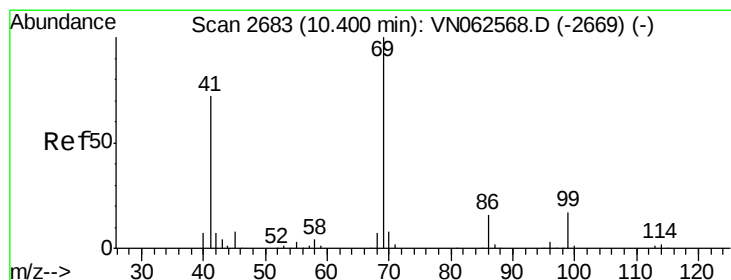
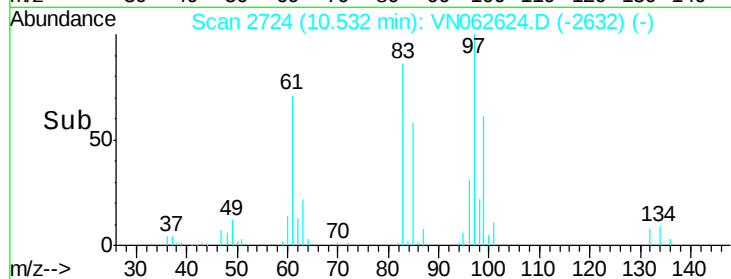
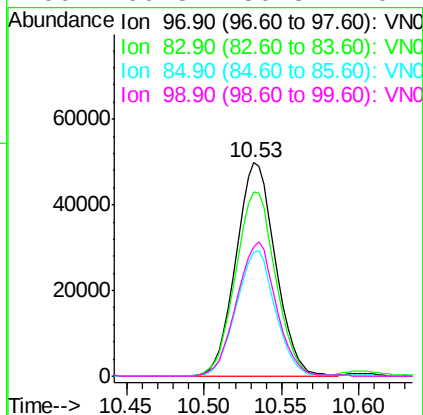
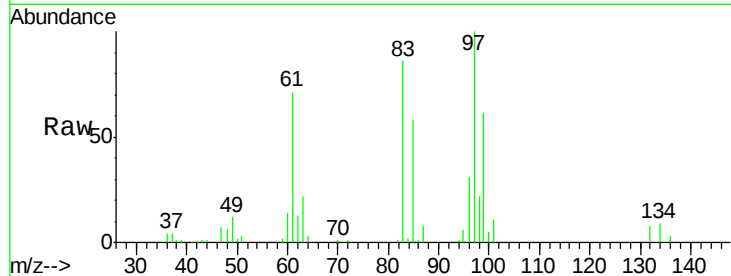
#55
 1,1,2-Trichloroethane
 Concen: 38.706 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	88747
Ion	Ratio	Lower	Upper
97	100		
83	86.1	73.7	110.5
85	58.3	48.5	72.7
99	60.8	50.8	76.2

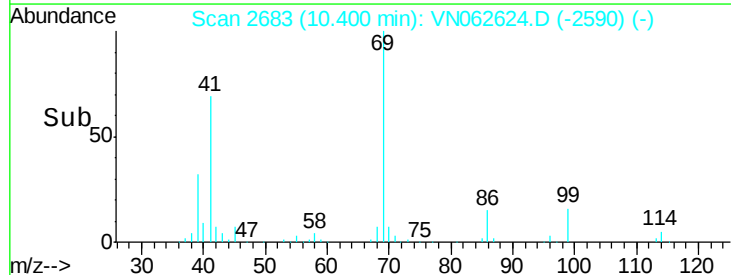
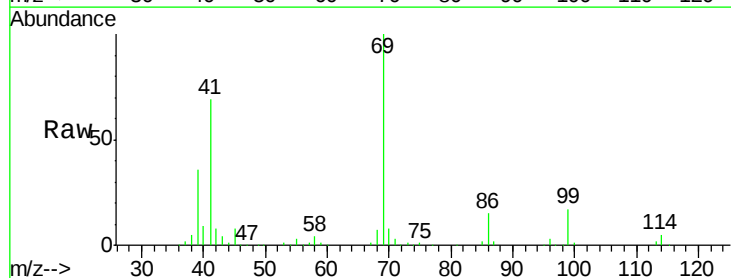
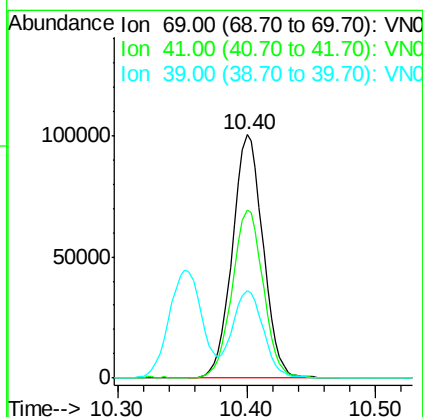
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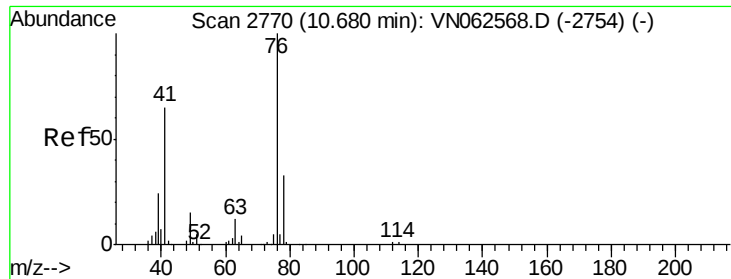
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#56
 Ethyl methacrylate
 Concen: 40.712 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion:	69	Resp:	166211
Ion	Ratio	Lower	Upper
69	100		
41	69.5	57.2	85.8
39	36.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 41.363 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 173746

Ion Ratio Lower Upper

76 100

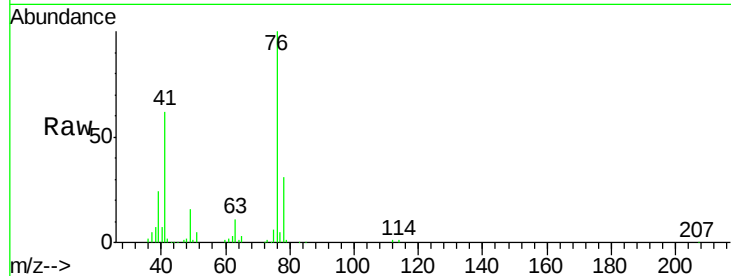
78 31.8 26.3 39.5

Manual Integrations

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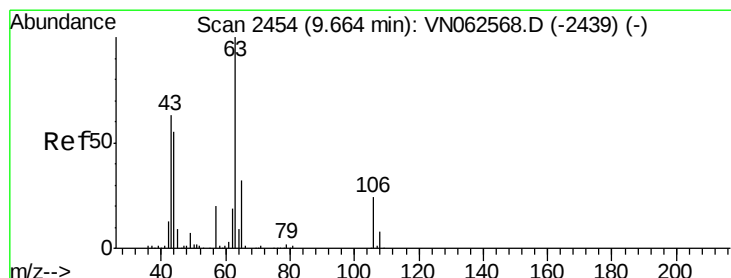
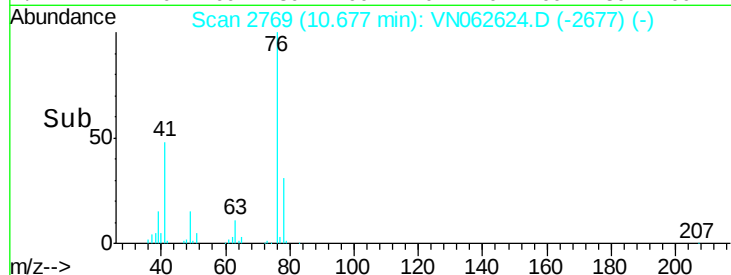
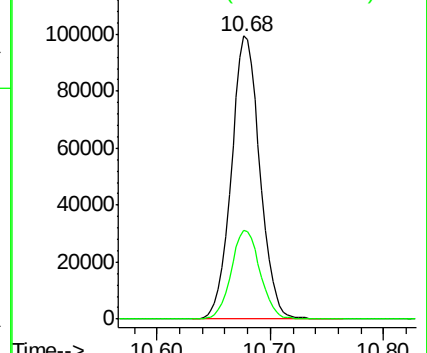
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 211.203 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062624.D

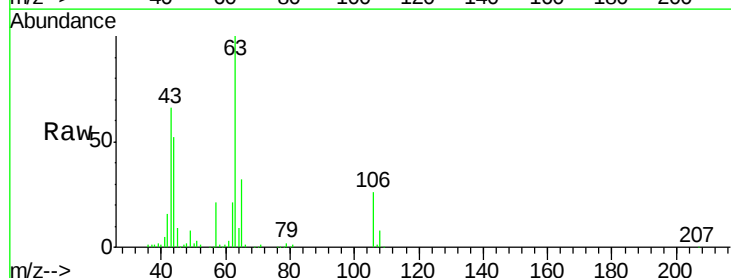
Acq: 28 Jul 2020 1:23

Tgt Ion: 63 Resp: 258606

Ion Ratio Lower Upper

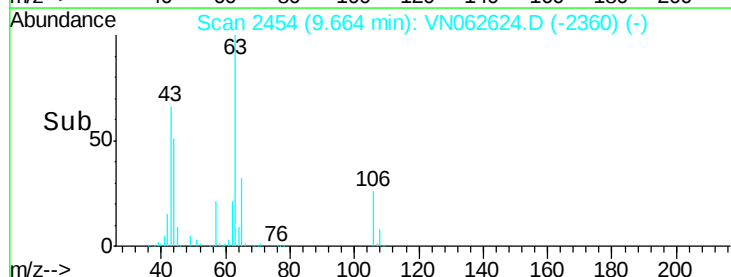
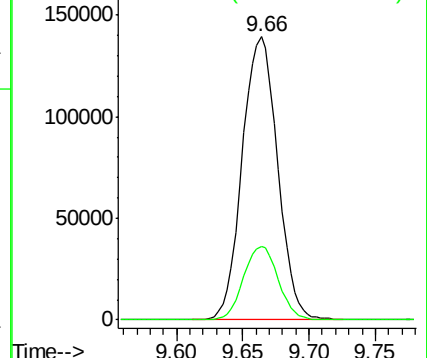
63 100

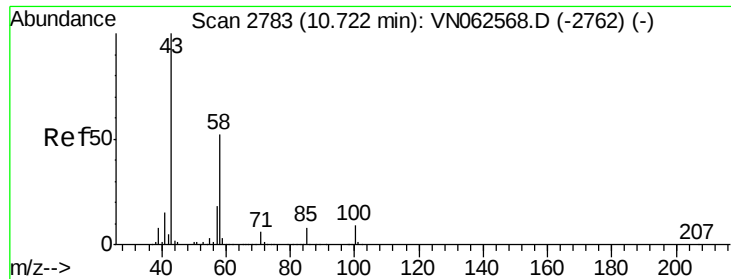
106 25.6 18.9 28.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





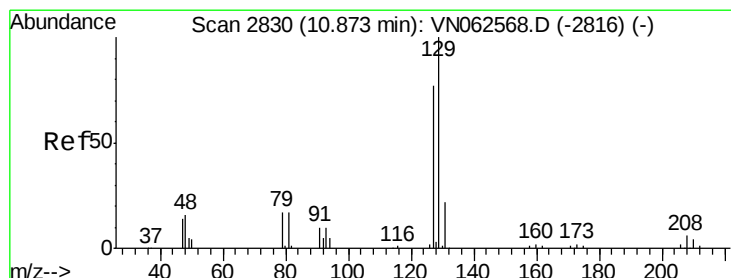
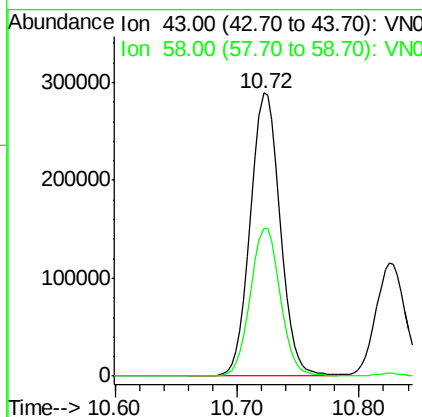
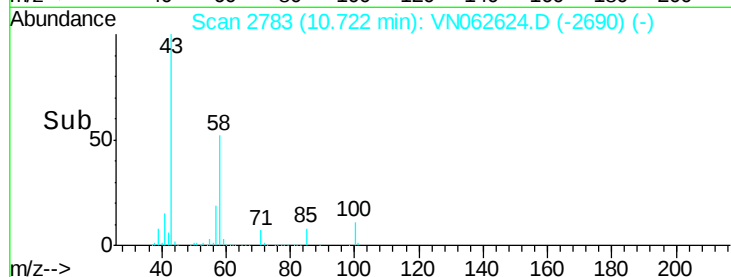
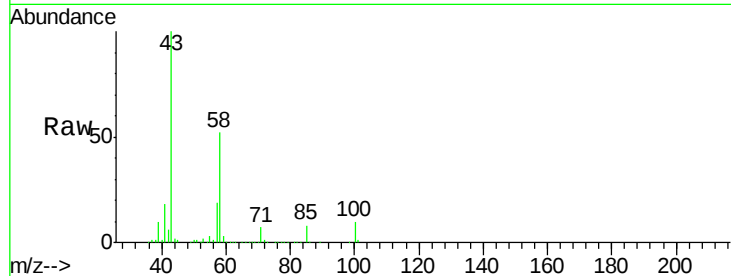
#59
2-Hexanone
Concen: 180.557 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 485942
Ion Ratio Lower Upper
43 100
58 52.5 26.0 78.0

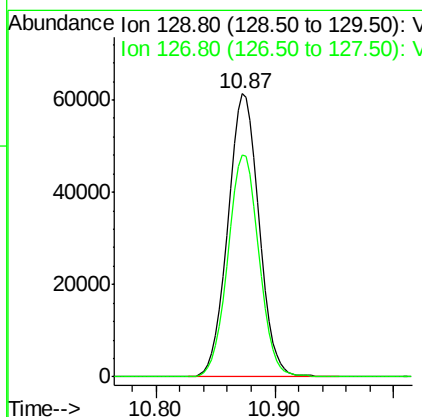
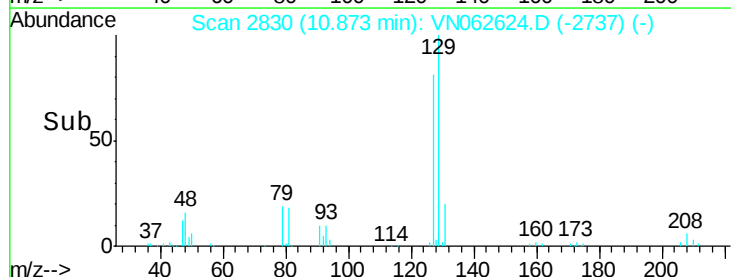
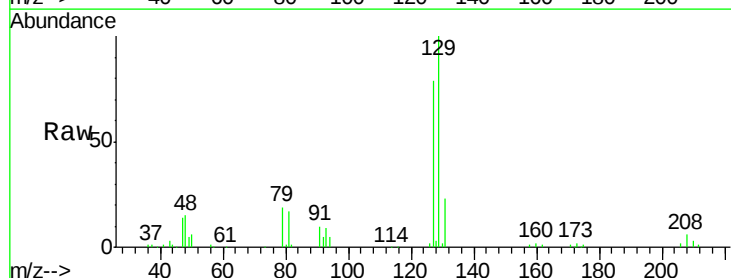
Manual Integrations
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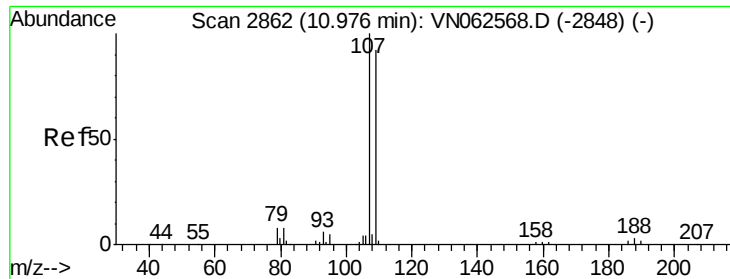
MMDadoda
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#60
Dibromochloromethane
Concen: 43.519 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 129 Resp: 111317
Ion Ratio Lower Upper
129 100
127 78.3 38.0 113.9





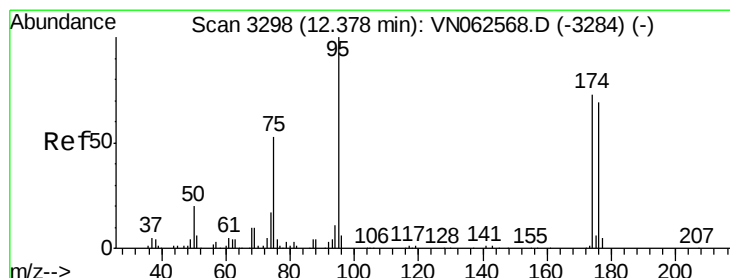
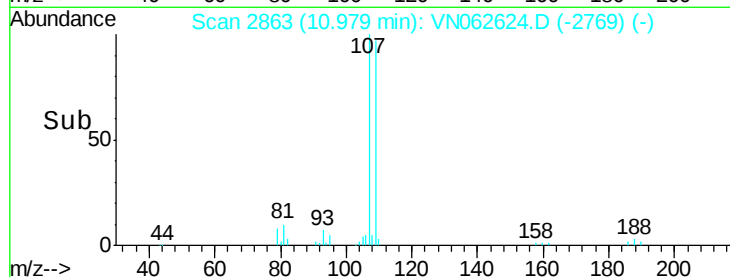
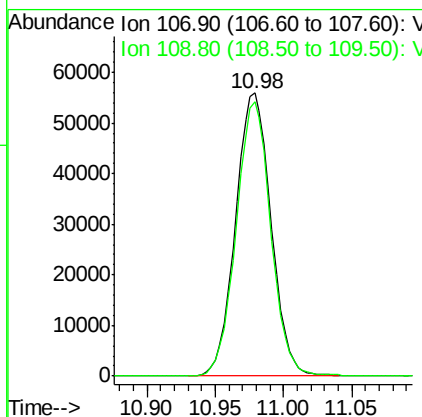
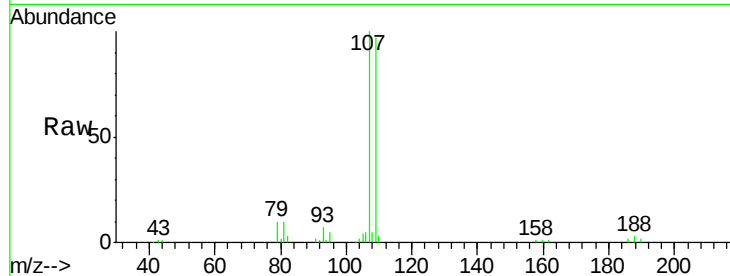
#61
 1,2-Dibromoethane
 Concen: 42.316 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	73.8	110.6

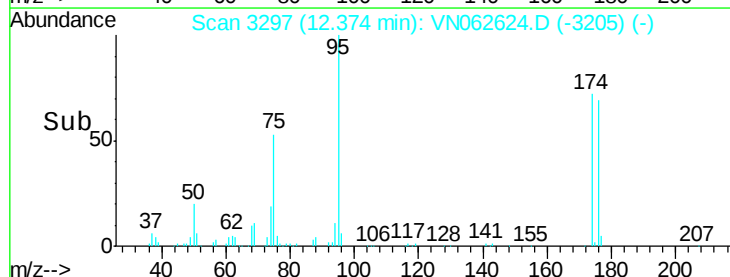
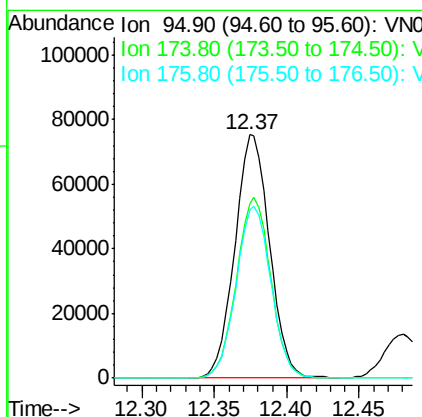
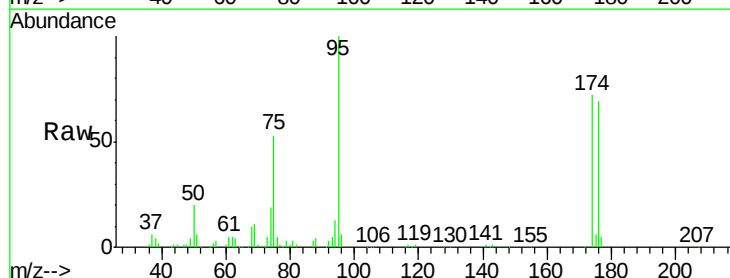
Manual Integrations
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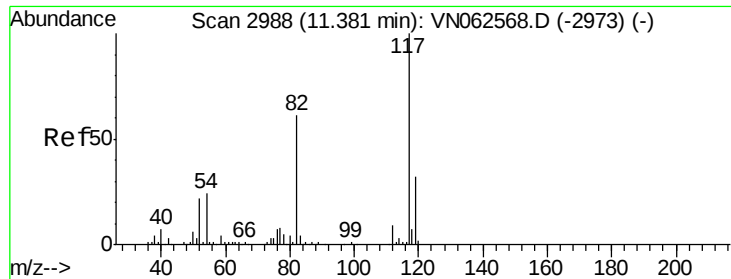
MMDadoda
 7/28/2020 1:46:14 PM



#62
 4-Bromofluorobenzene
 Concen: 41.408 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	144.6
176	70.6	0.0	139.4





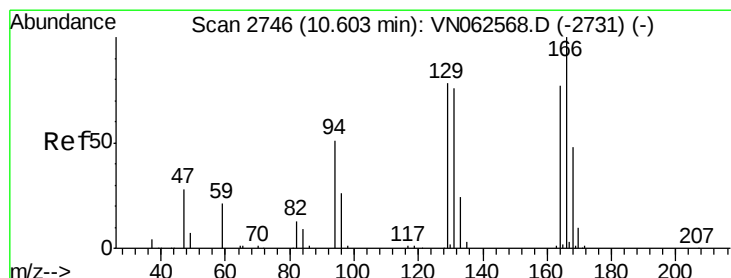
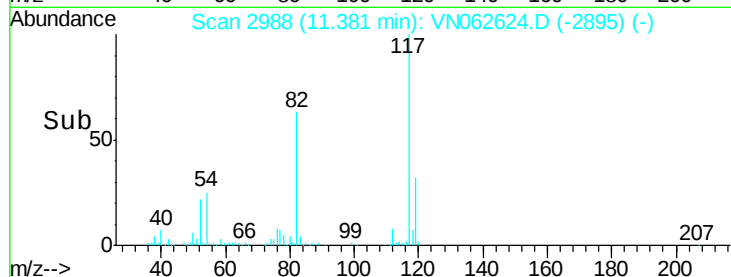
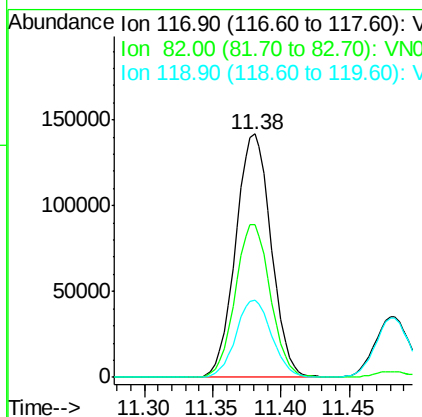
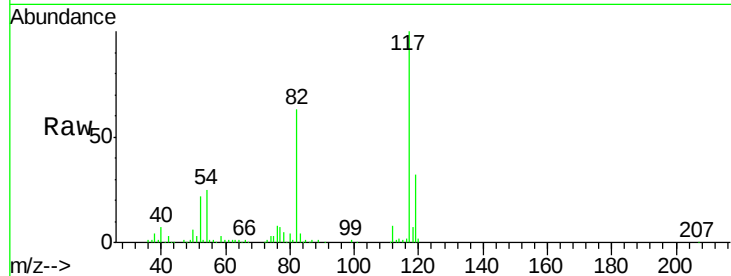
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	256288		
82	62.6	49.0	73.6	
119	31.6	25.4	38.2	

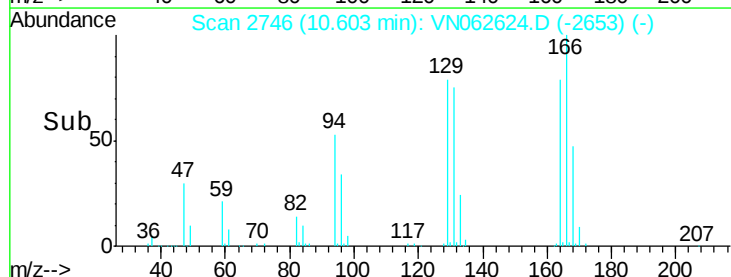
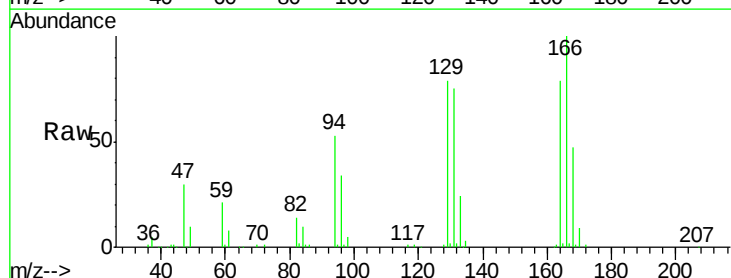
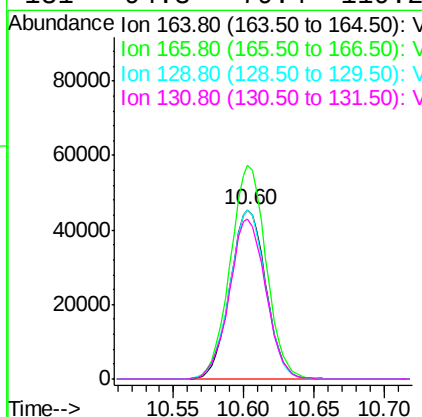
Manual Integrations
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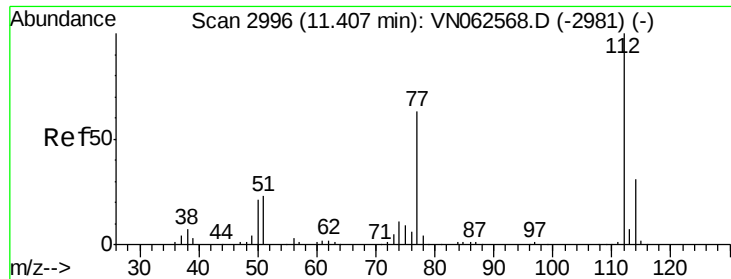
MMDadoda
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#64
Tetrachloroethene
Concen: 48.501 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80763		
166	126.1	104.4	156.6	
129	100.0	81.0	121.4	
131	94.3	79.4	119.2	





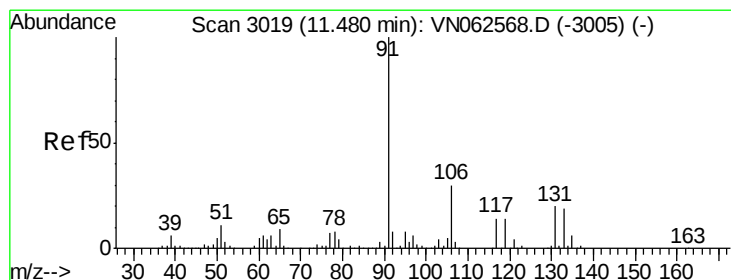
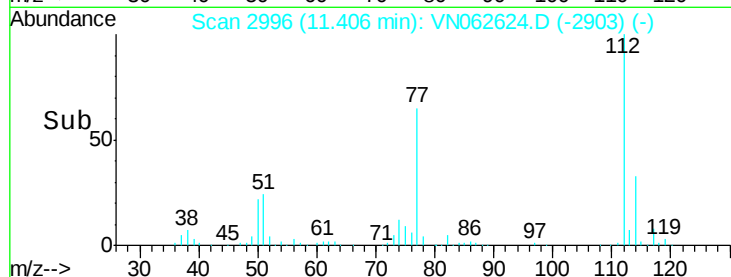
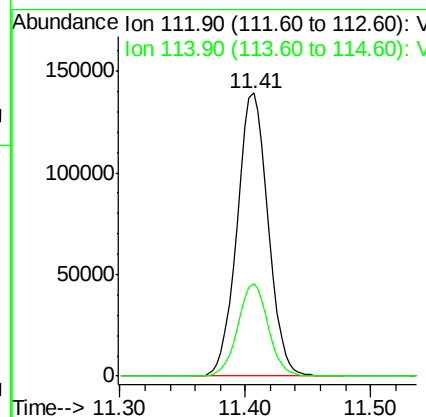
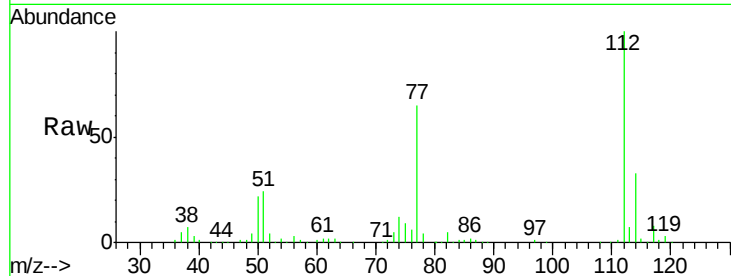
#65
Chlorobenzene
Concen: 44.477 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 238969
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7

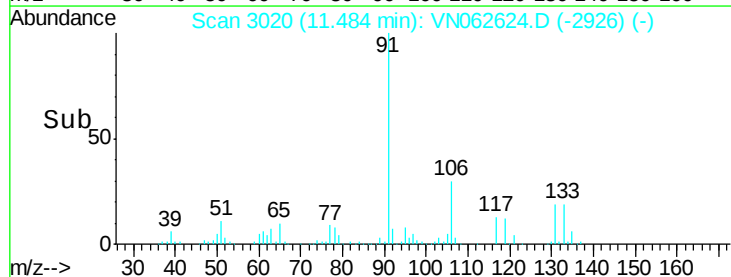
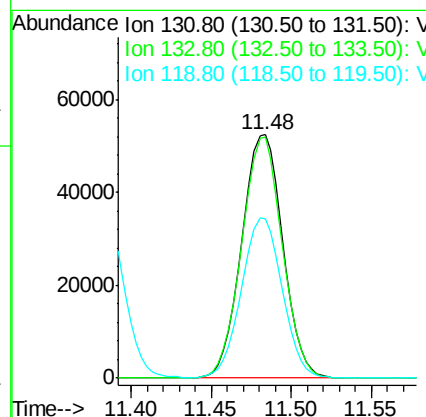
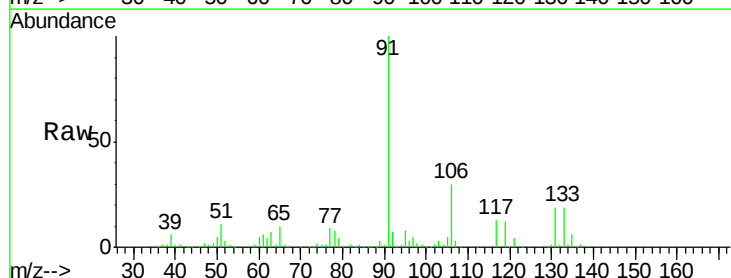
Manual Integrations
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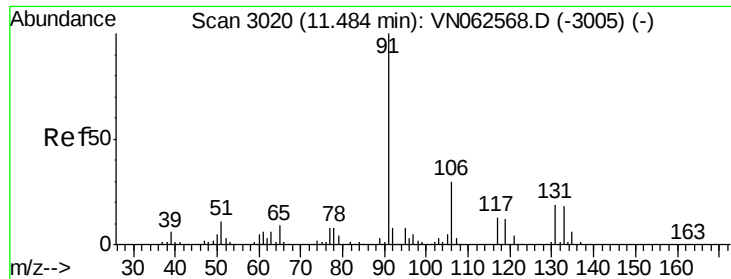
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#66
1,1,1,2-Tetrachloroethane
Concen: 45.427 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion:131 Resp: 91821
Ion Ratio Lower Upper
131 100
133 97.9 47.3 142.0
119 65.4 33.7 101.0





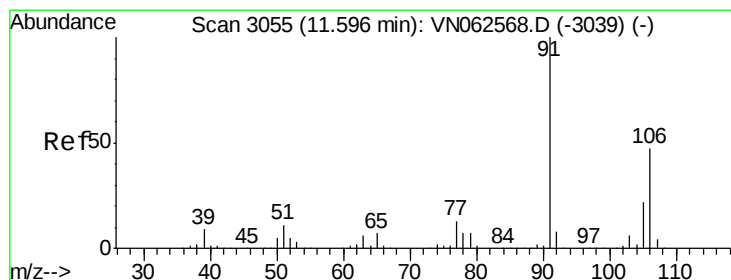
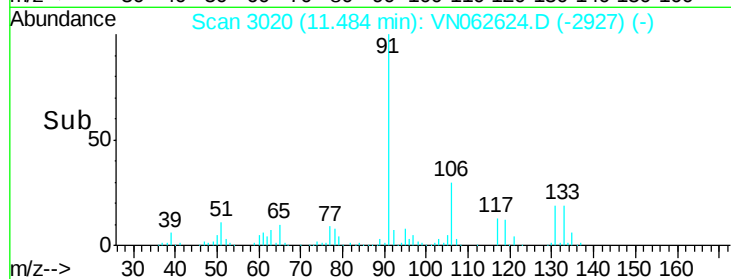
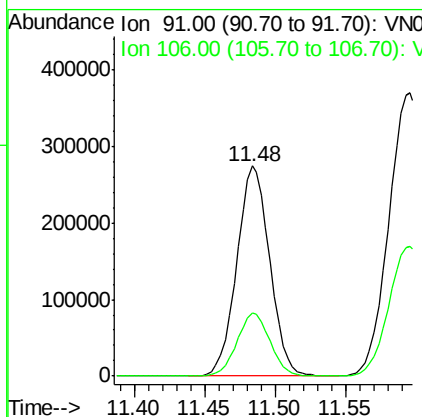
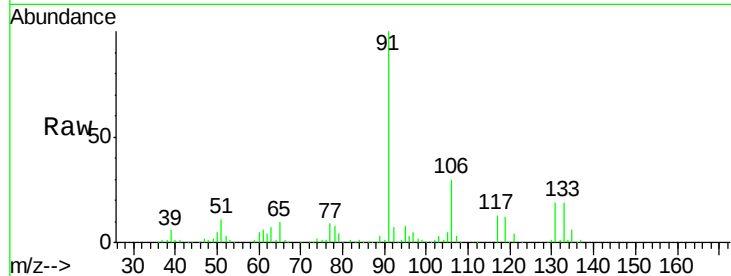
#67
Ethyl Benzene
Concen: 45.614 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 449361
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8

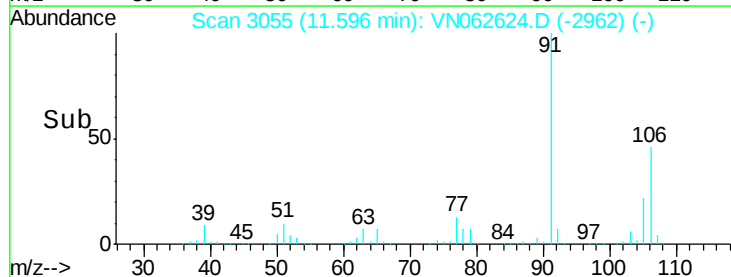
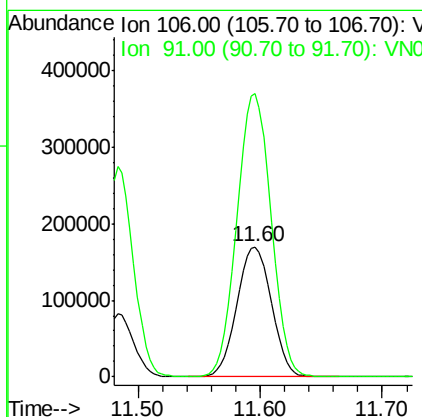
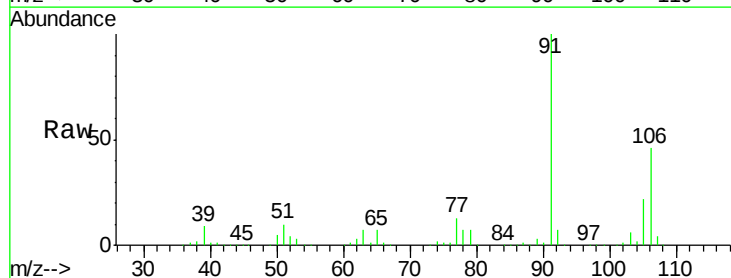
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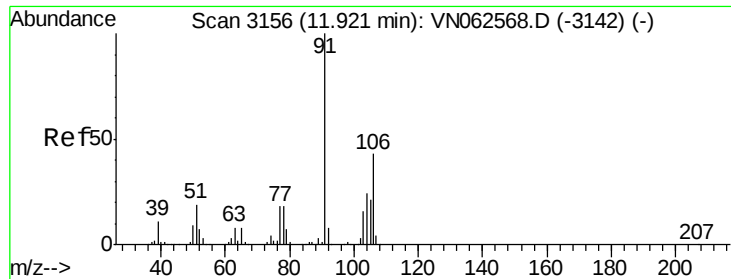
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#68
m/p-Xylenes
Concen: 93.544 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion: 106 Resp: 331223
Ion Ratio Lower Upper
106 100
91 216.1 171.4 257.2





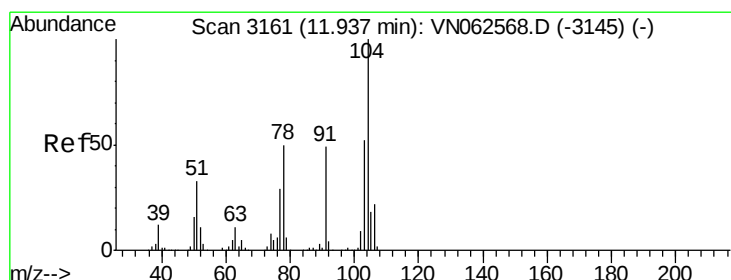
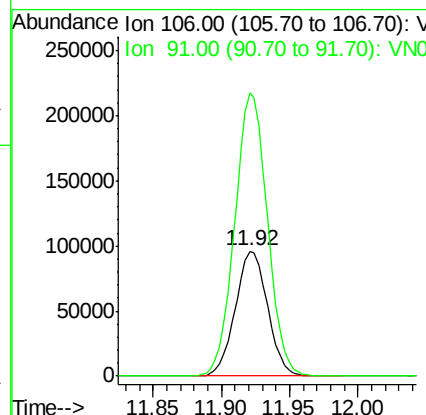
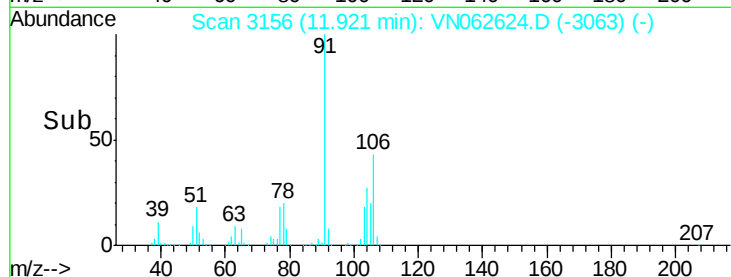
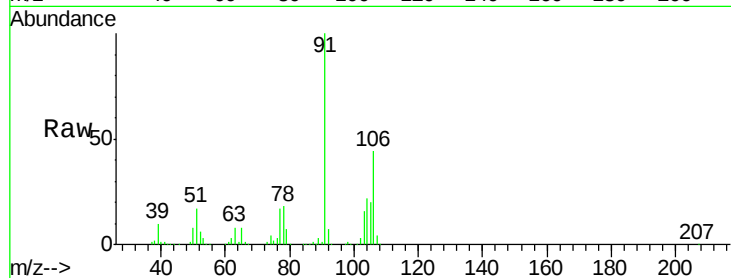
#69
o-Xylene
Concen: 46.843 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		157503		
91	229.5	113.8	341.2		

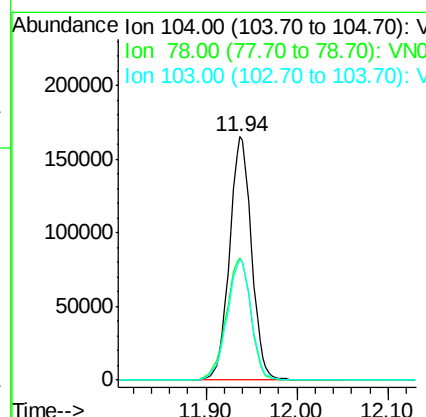
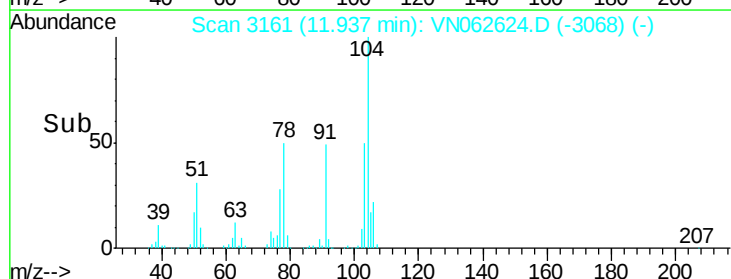
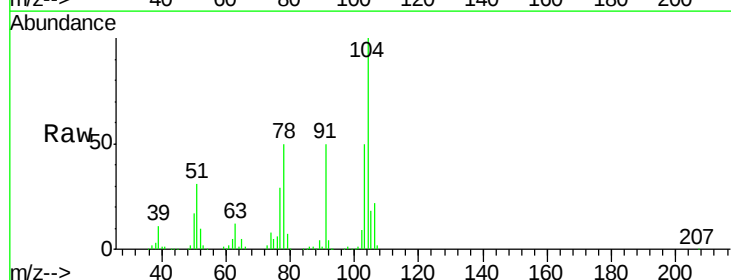
Manual Integrations
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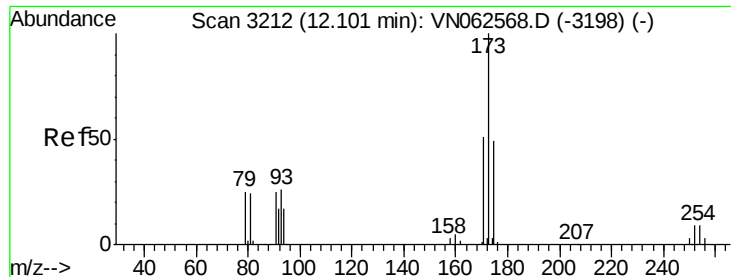
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#70
Styrene
Concen: 48.894 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		277710		
78	55.6	43.8	65.6		
103	54.2	44.0	66.0		





#71

Bromoform

Concen: 48.253 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

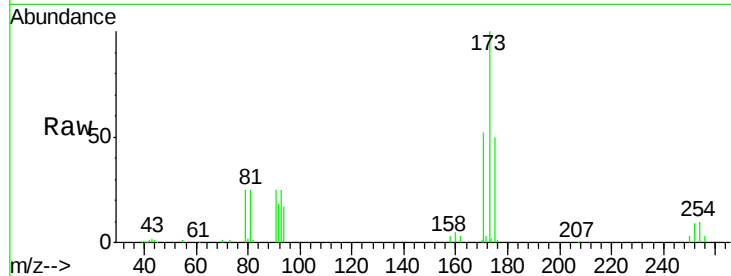
ClientSampleId :

VSTDCCC050EC

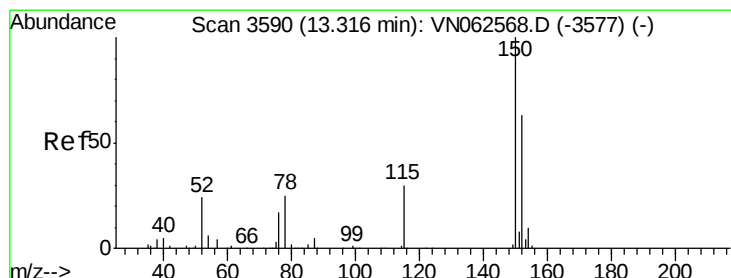
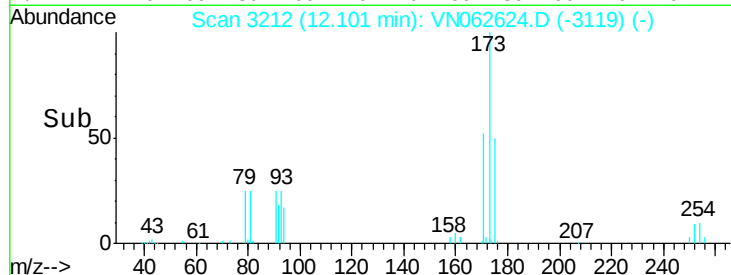
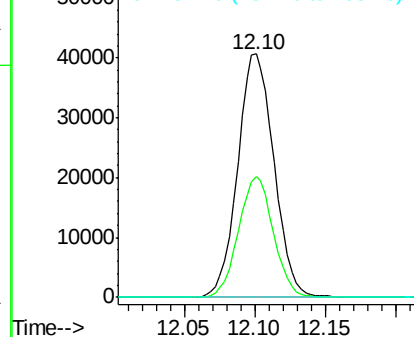
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.1	72.2
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

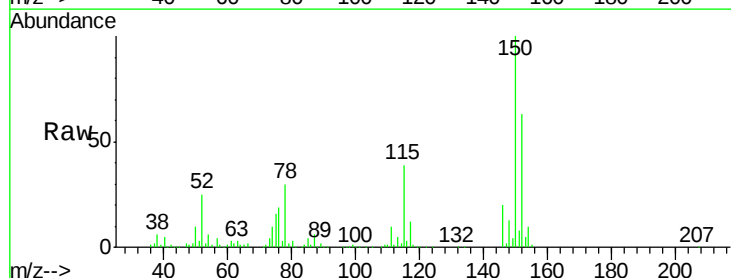
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

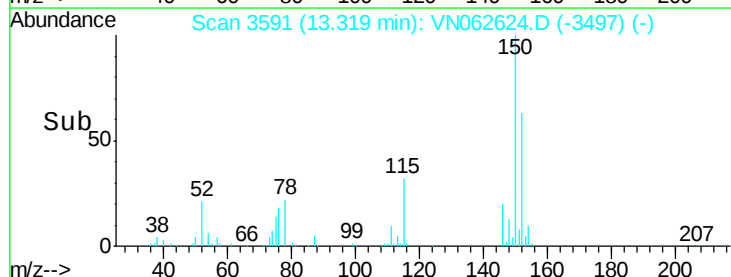
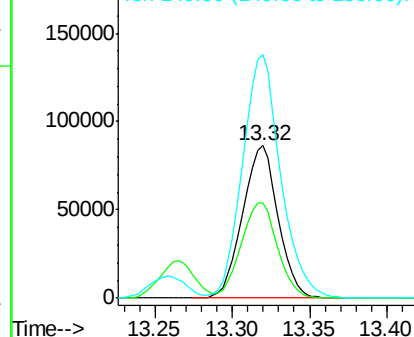
Lab File: VN062624.D

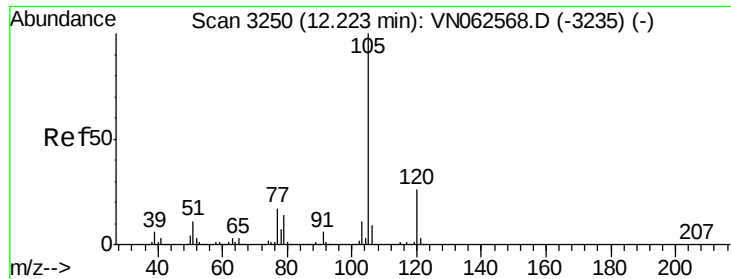
Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.8	95.4
150	171.4	0.0	351.4



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





#73

Isopropylbenzene

Concen: 40.412 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 439733

Ion Ratio Lower Upper

105 100

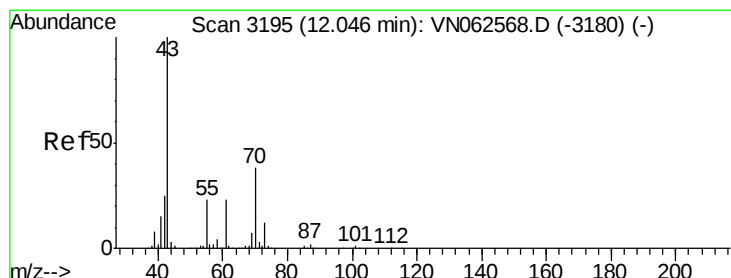
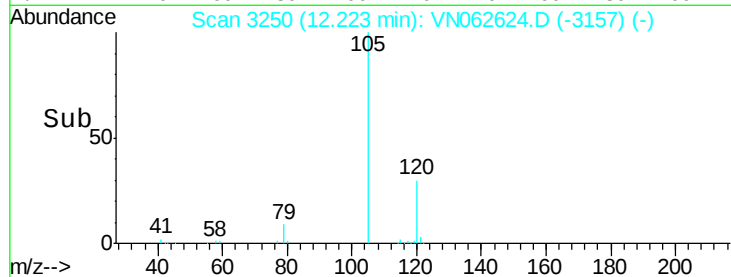
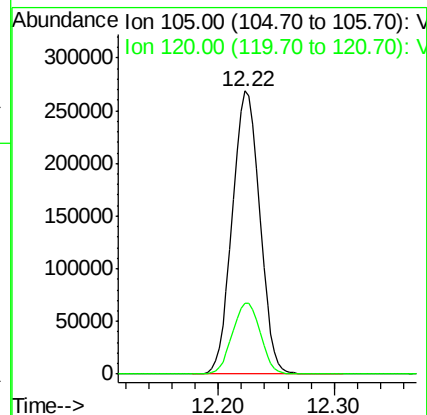
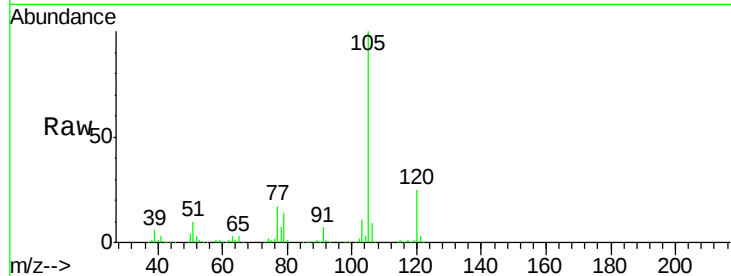
120 25.6 12.8 38.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 37.790 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Tgt Ion: 43 Resp: 183637

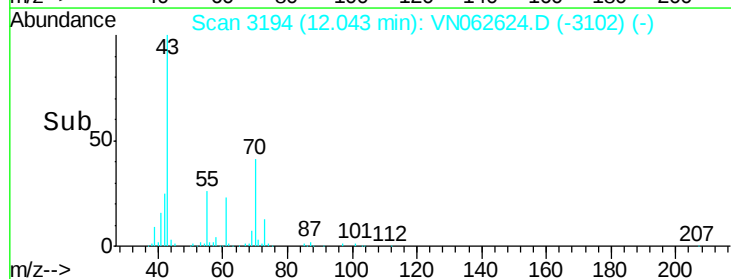
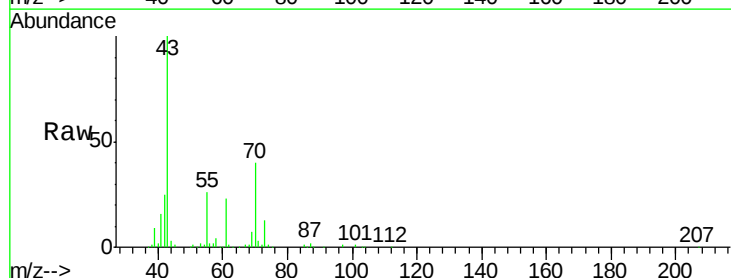
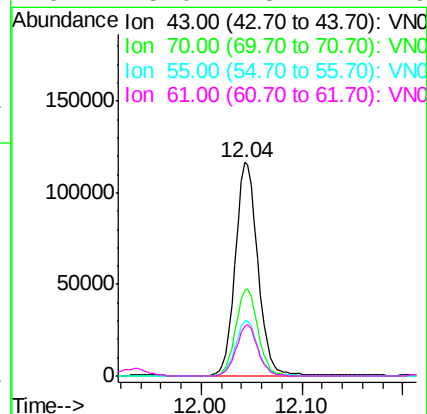
Ion Ratio Lower Upper

43 100

70 40.4 30.5 45.7

55 25.6 19.0 28.6

61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 35.644 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

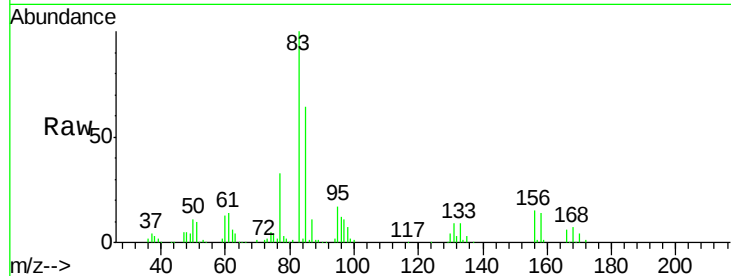
ClientSampled :

VSTDCCC050EC

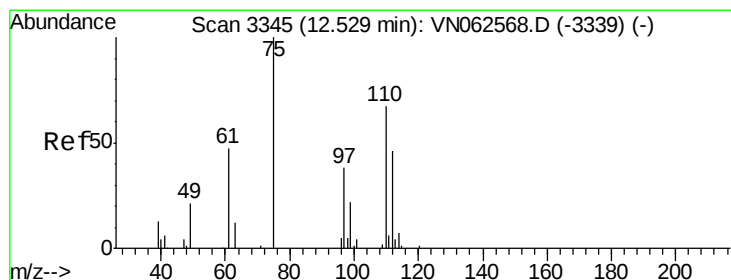
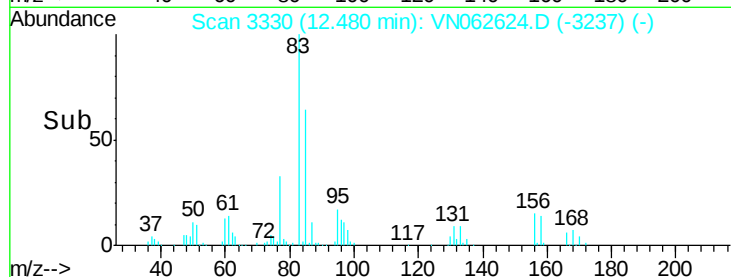
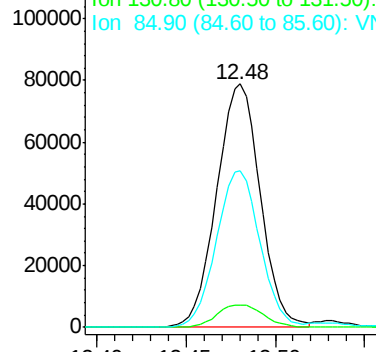
Tot Ion:	83	Resp:	134781
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.8	14.3
85	64.1	31.8	95.4

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Abundance Ion 82.90 (82.60 to 83.60): VN062624.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 35.569 ug/l m

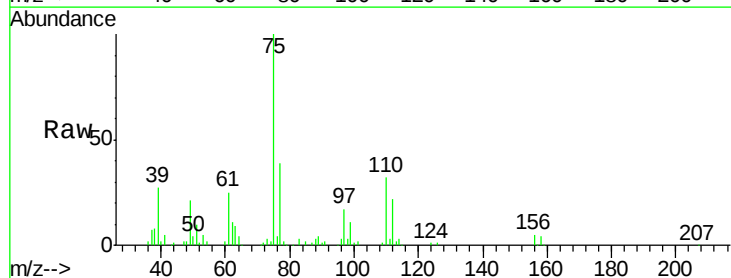
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

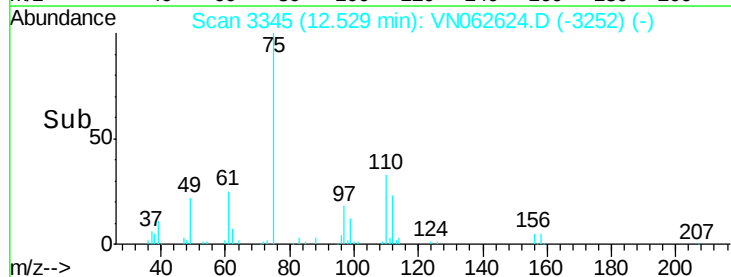
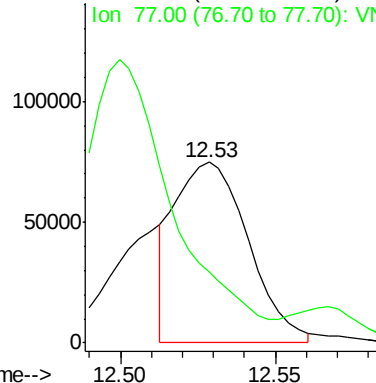
Lab File: VN062624.D

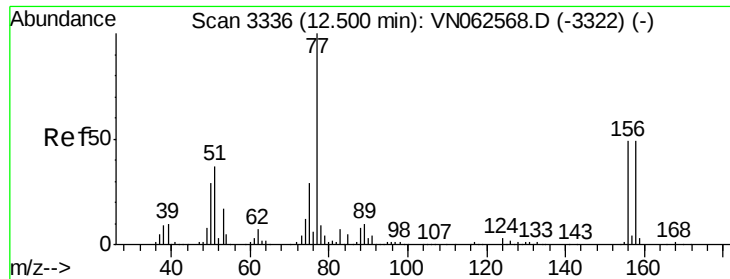
Acq: 28 Jul 2020 1:23

Tgt Ion:	75	Resp:	124592
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062624.D (-3252) (-)





#77

Bromobenzene

Concen: 39.620 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

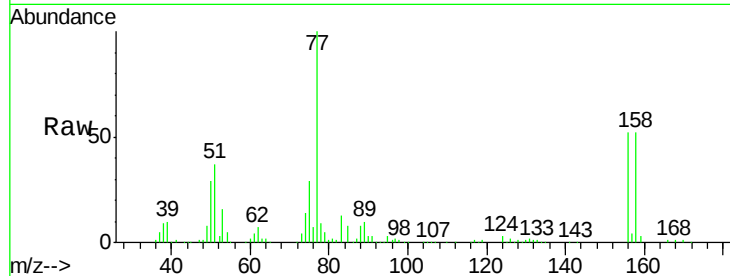
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	103606
Ion Ratio	Lower	Upper	
156	100		
77	234.7	122.8	368.3
158	97.8	49.4	148.0

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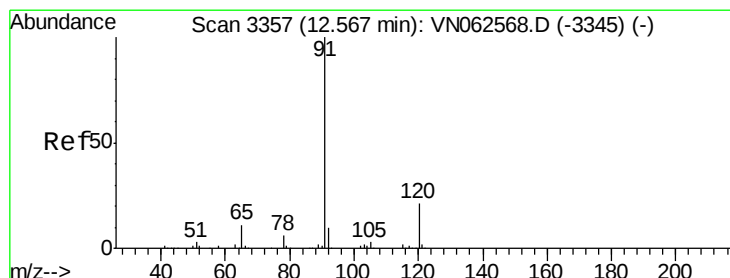
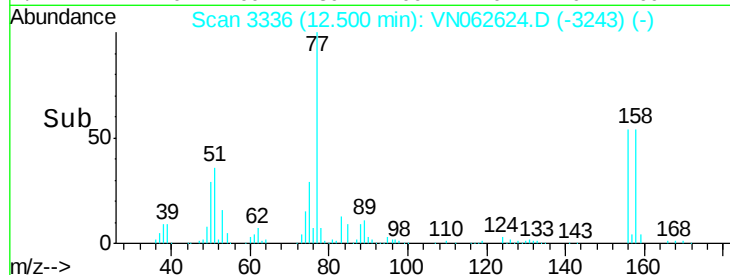
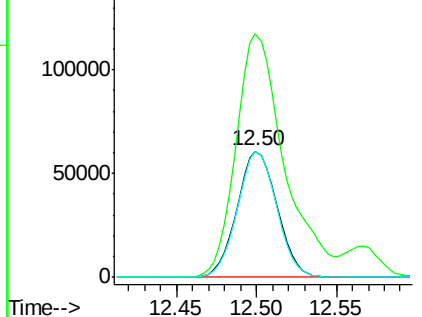
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 41.410 ug/l

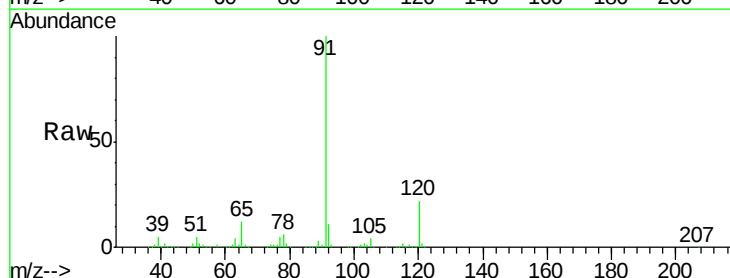
RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062624.D

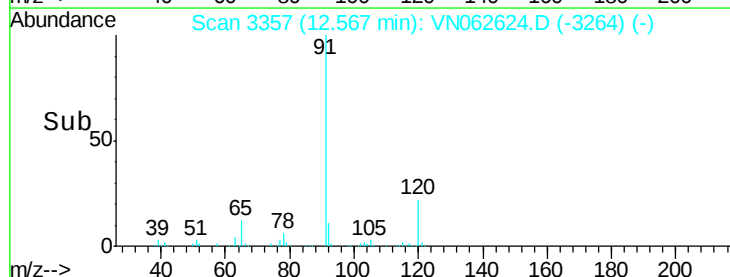
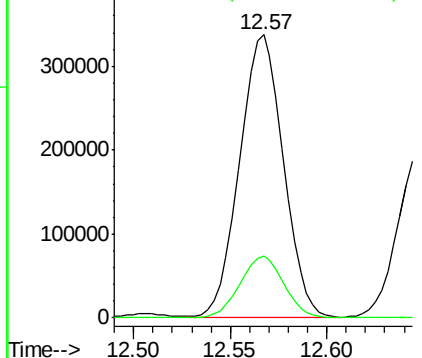
Acq: 28 Jul 2020 1:23

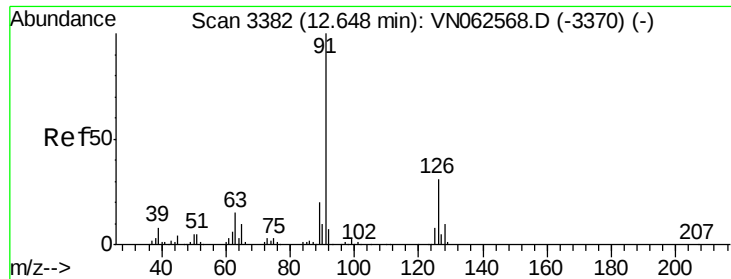
Tgt Ion:	91	Resp:	527809
Ion Ratio	Lower	Upper	
91	100		
120	22.1	10.9	32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.736 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 335696

Ion Ratio Lower Upper

91 100

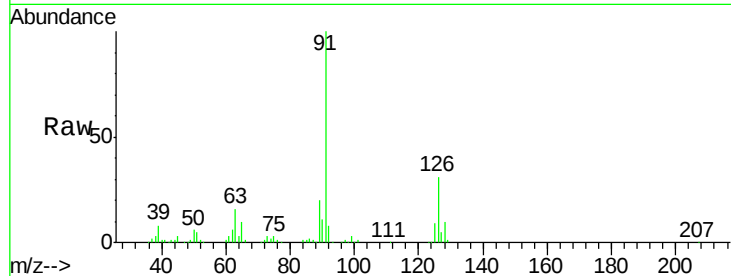
126 31.5 15.9 47.6

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Abundance Ion 91.00 (90.70 to 91.70): VN062624.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062624.D (-3382) (-)

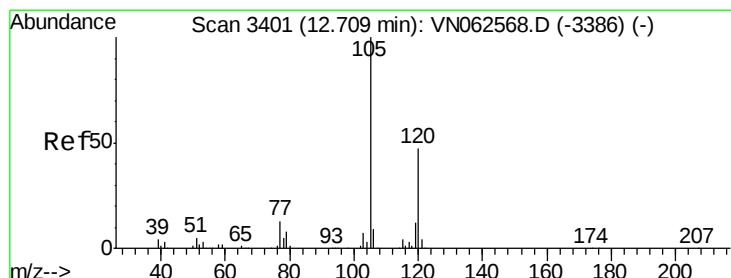
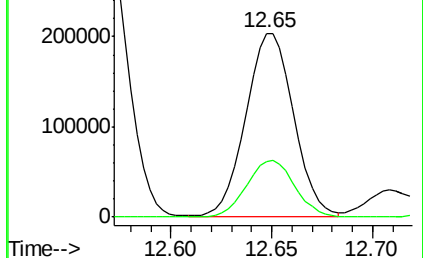
300000

200000

100000

0

12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 46.244 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062624.D

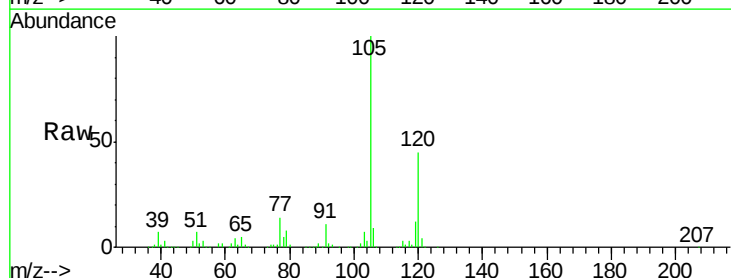
Acq: 28 Jul 2020 1:23

Tgt Ion: 105 Resp: 417402

Ion Ratio Lower Upper

105 100

120 45.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062624.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062624.D (-3401) (-)

300000

250000

200000

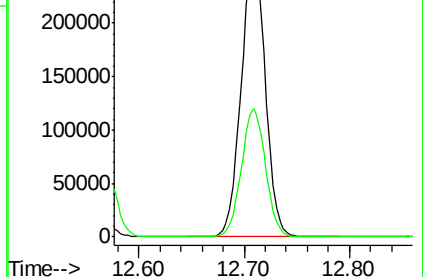
150000

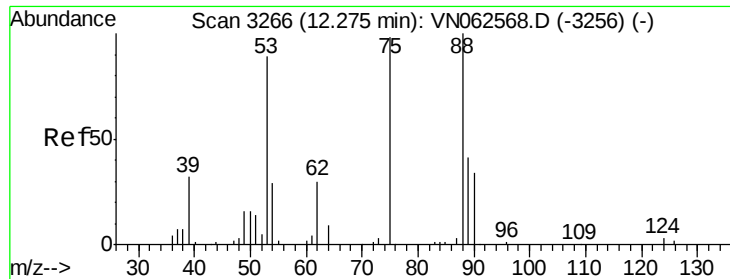
100000

50000

0

12.60 12.70 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 35.404 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Instrument :

MSVOA_N

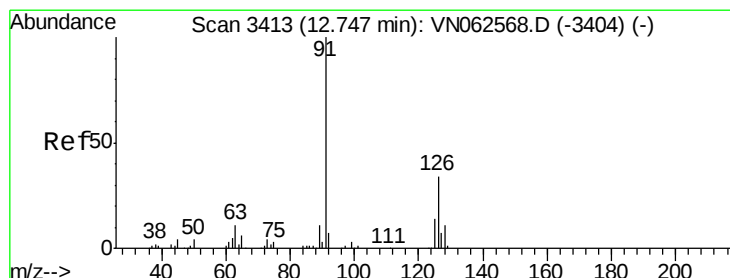
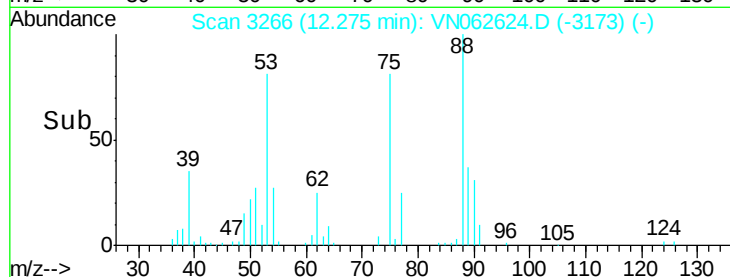
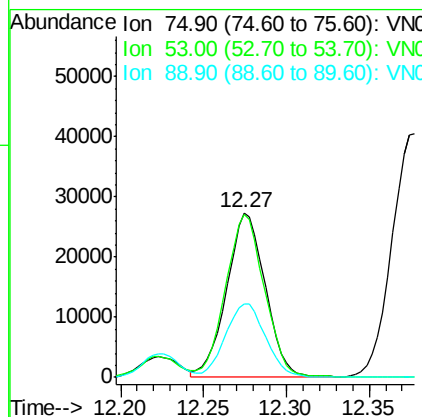
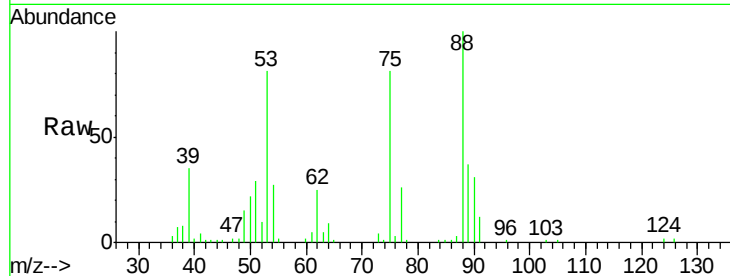
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	44548
Ion Ratio	Lower	Upper	
75	100		
53	99.0	75.4	113.0
89	46.4	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 44.060 ug/l

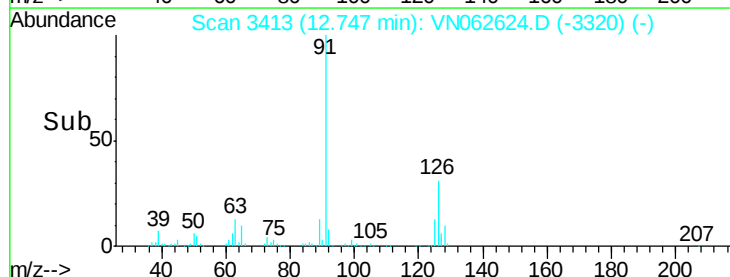
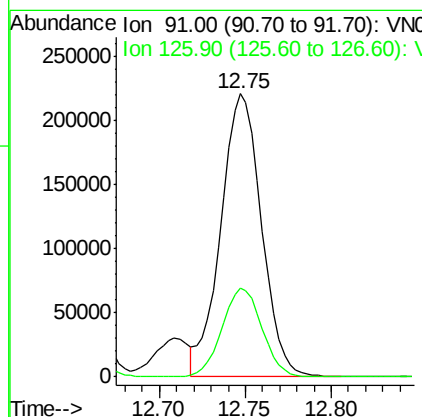
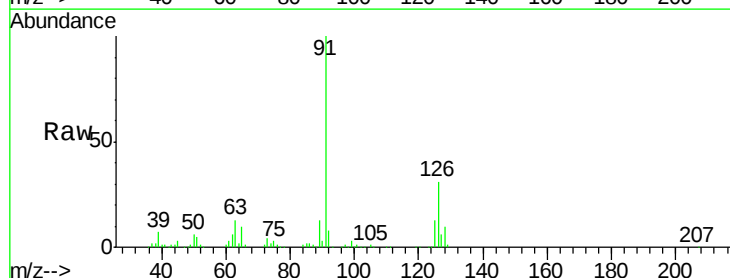
RT: 12.75 min Scan# 3413

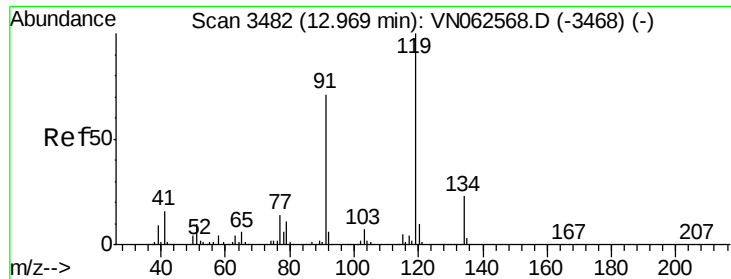
Delta R.T. -0.00 min

Lab File: VN062624.D

Acq: 28 Jul 2020 1:23

Tgt Ion:	91	Resp:	360239
Ion Ratio	Lower	Upper	
91	100		
126	31.1	15.4	46.4





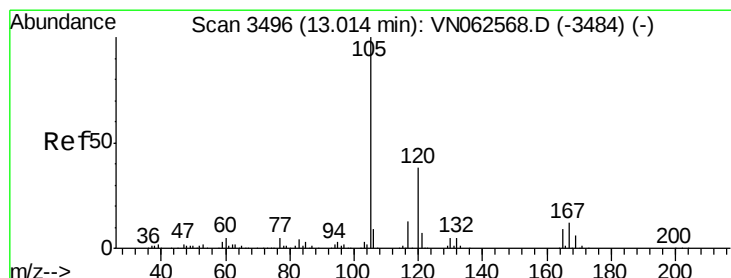
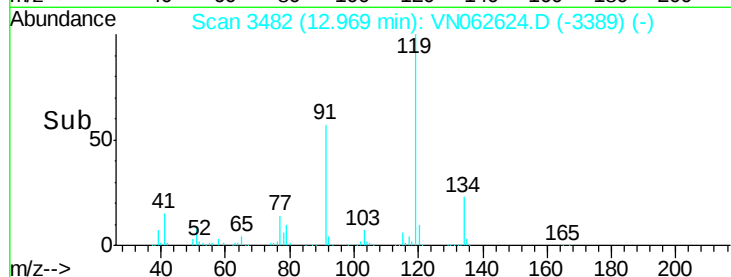
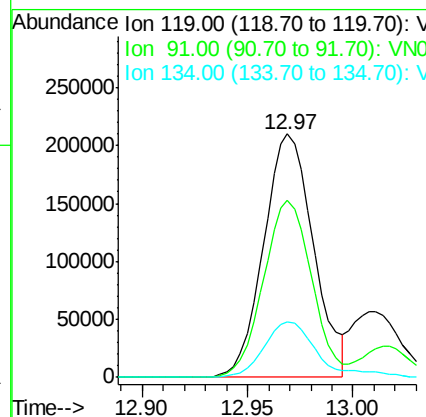
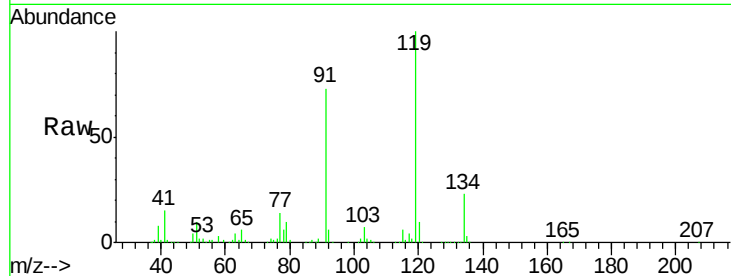
#83
 tert-Butylbenzene
 Concen: 45.998 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.8	34.6	103.8
134	24.5	11.5	34.4

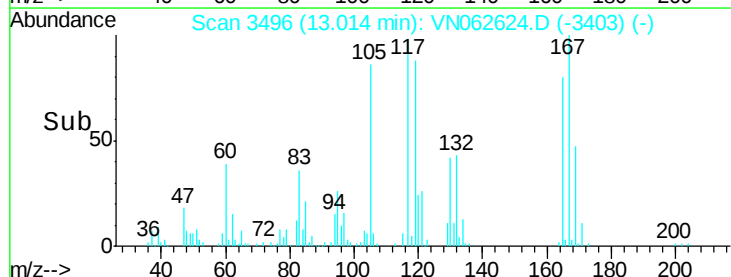
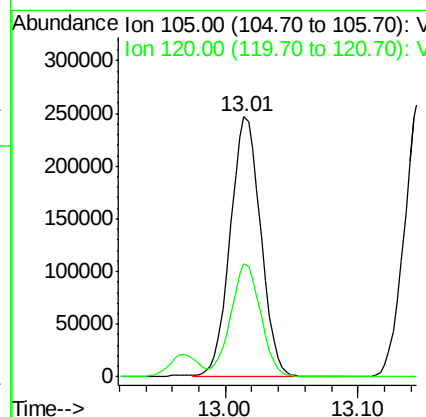
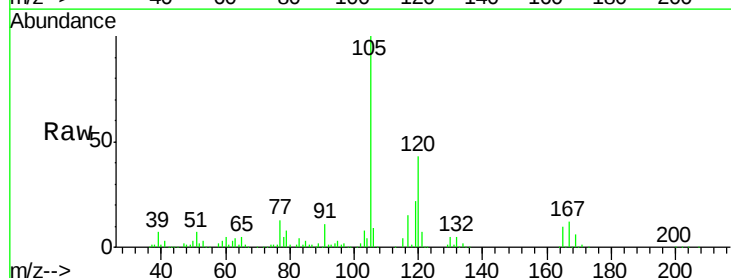
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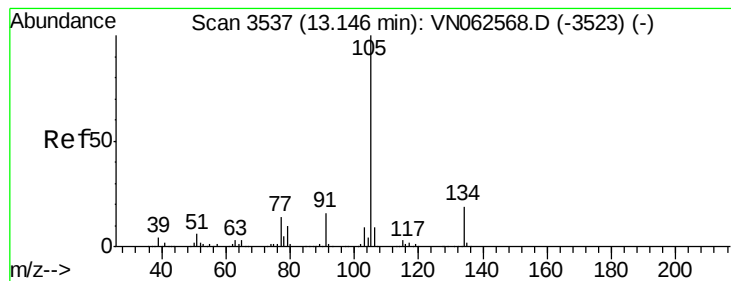
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#84
 1,2,4-Trimethylbenzene
 Concen: 44.381 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.1	66.3





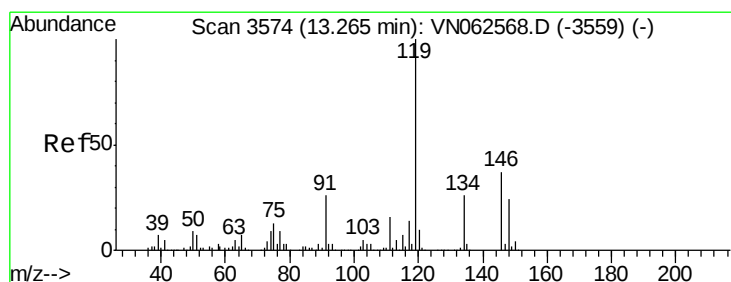
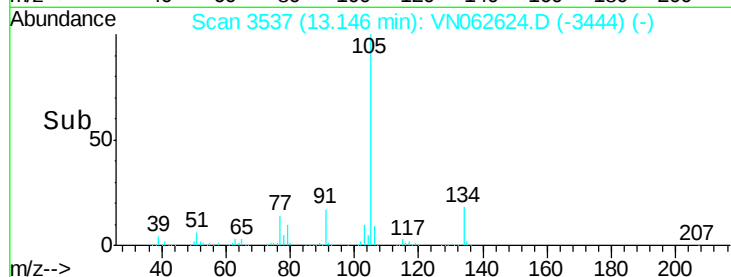
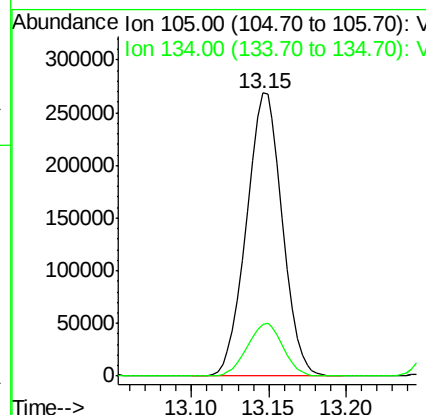
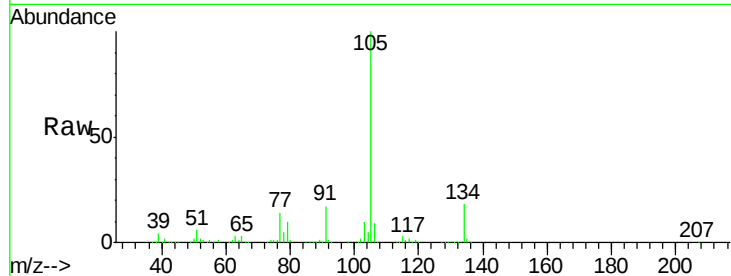
#85
 sec-Butylbenzene
 Concen: 43.096 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.6	9.5	28.5

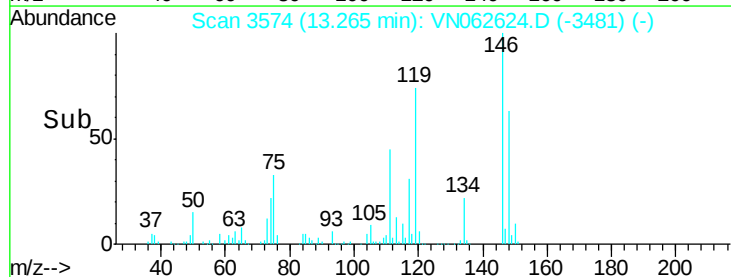
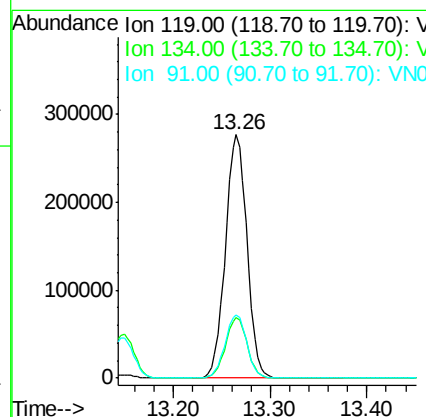
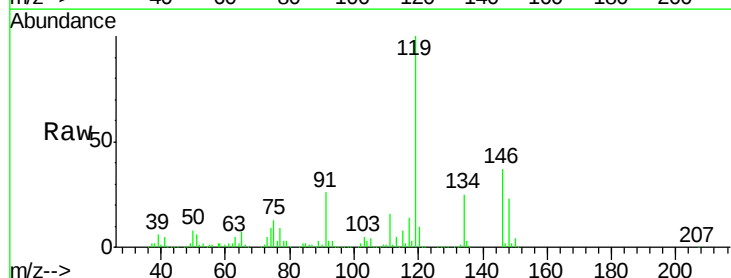
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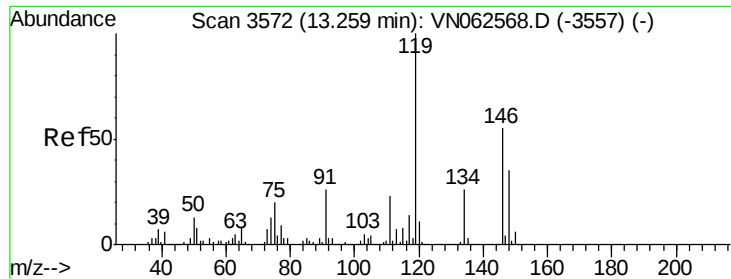
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#86
 p-Isopropyltoluene
 Concen: 49.535 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.8	38.4
91	26.1	12.7	38.1





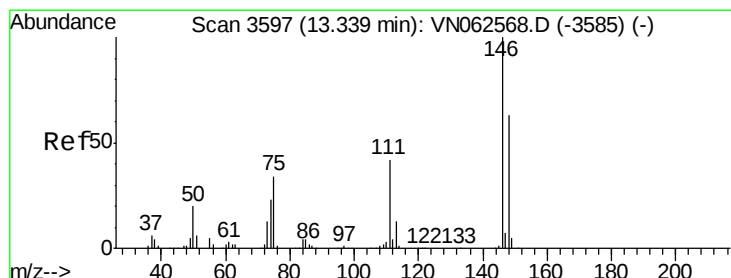
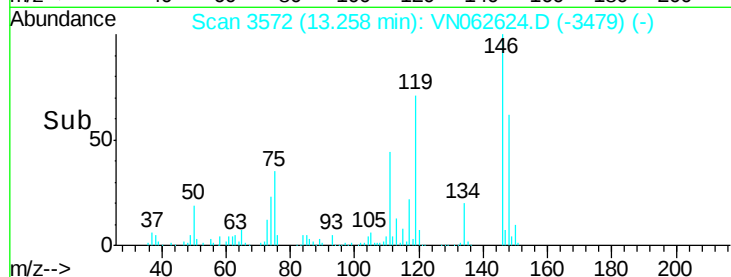
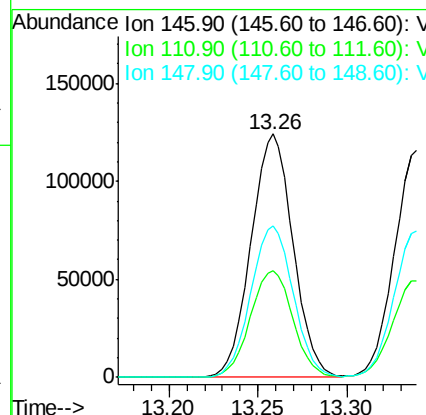
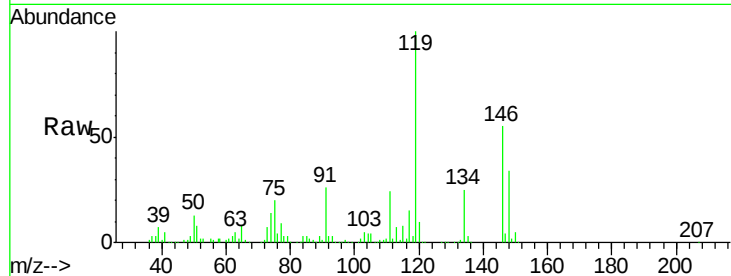
#87
 1,3-Dichlorobenzene
 Concen: 44.641 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.6	64.6
148	62.7	31.8	95.4

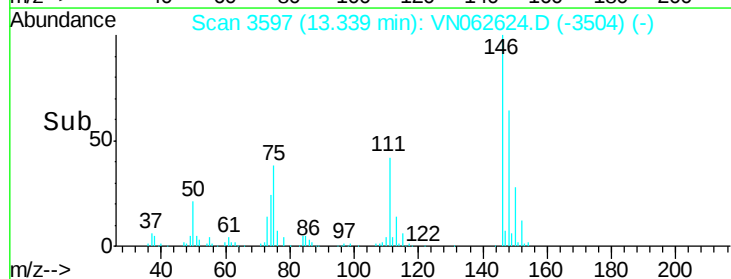
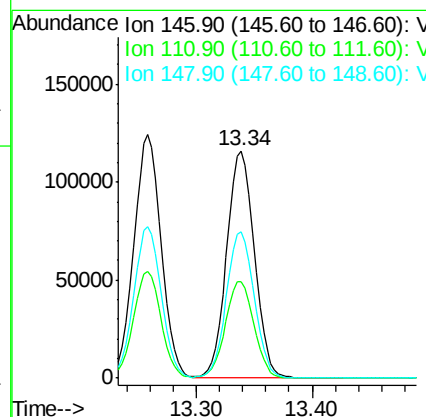
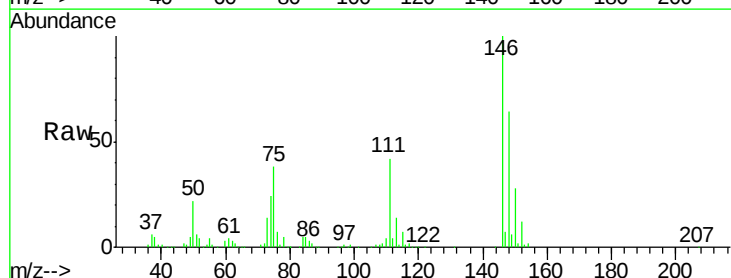
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#88
 1,4-Dichlorobenzene
 Concen: 42.555 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.1	63.1
148	64.6	31.6	94.8





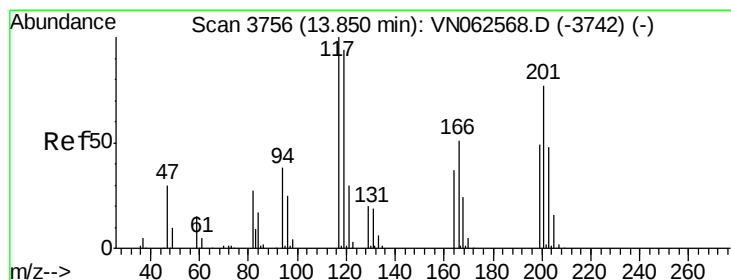
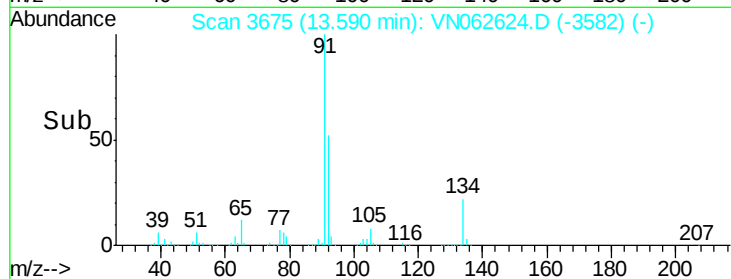
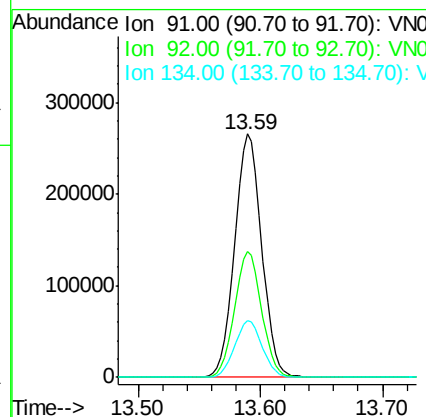
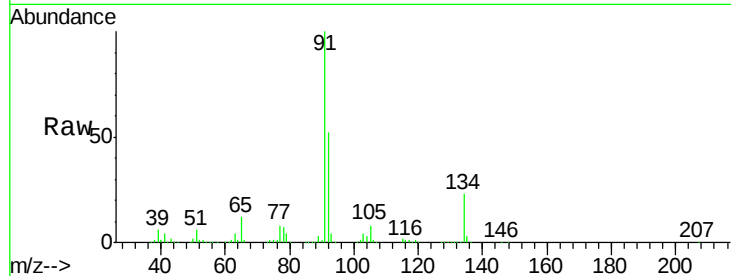
#89
n-Butylbenzene
Concen: 55.397 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.8	77.3
134	23.7	11.8	35.3

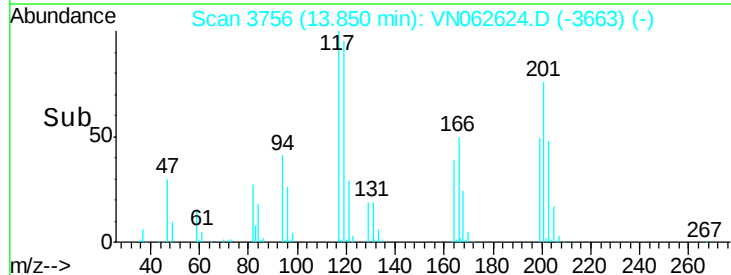
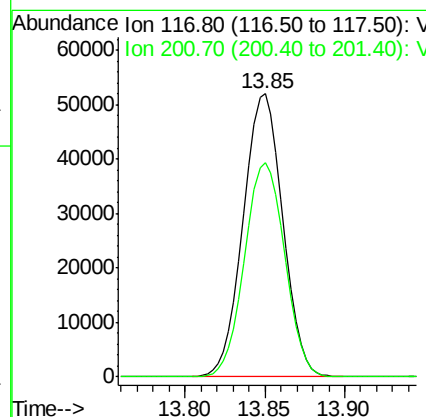
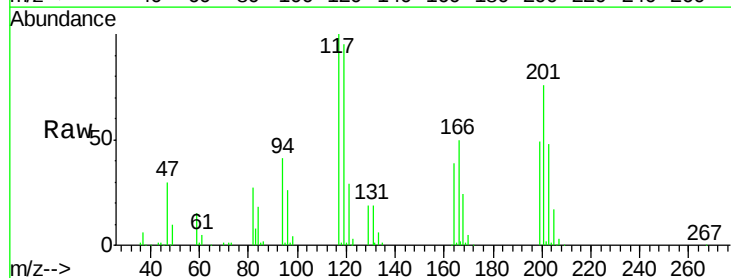
Manual Integrations
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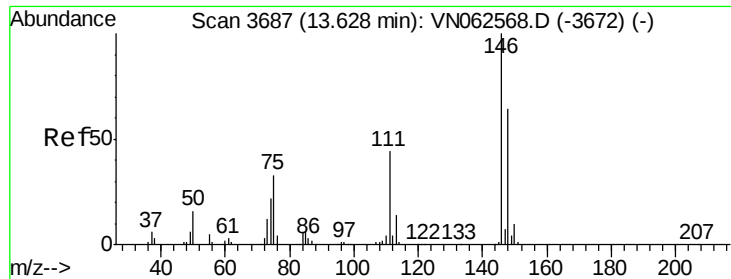
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#90
Hexachloroethane
Concen: 47.835 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.7	39.2	117.6





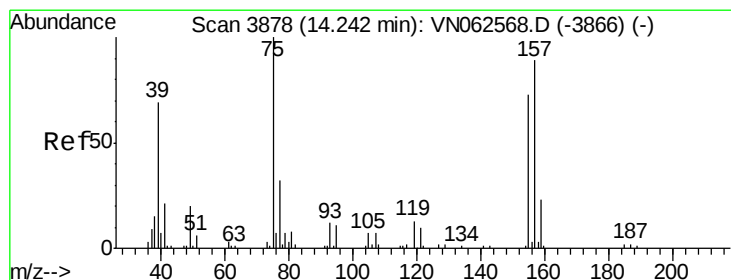
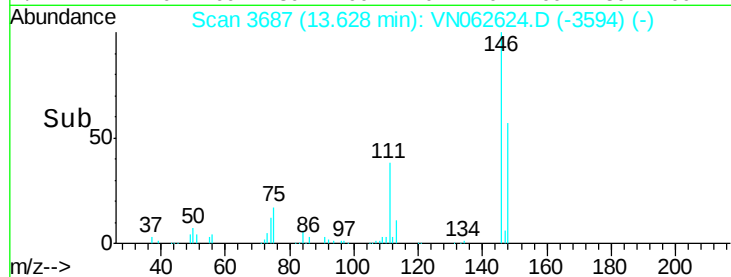
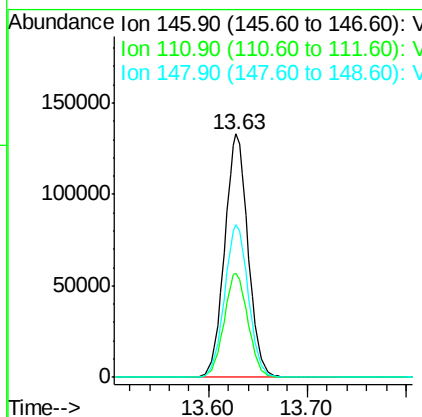
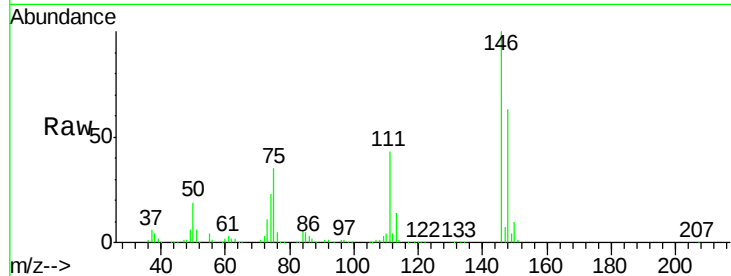
#91
 1,2-Dichlorobenzene
 Concen: 50.372 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.9	65.8
148	63.7	31.6	94.7

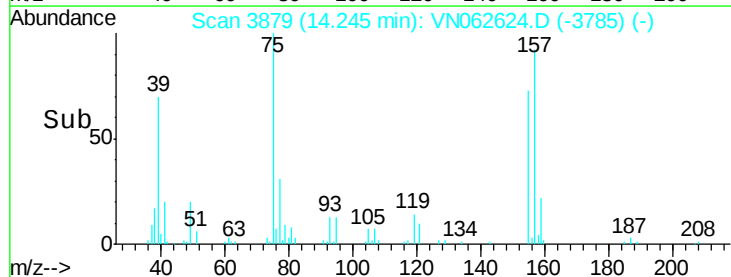
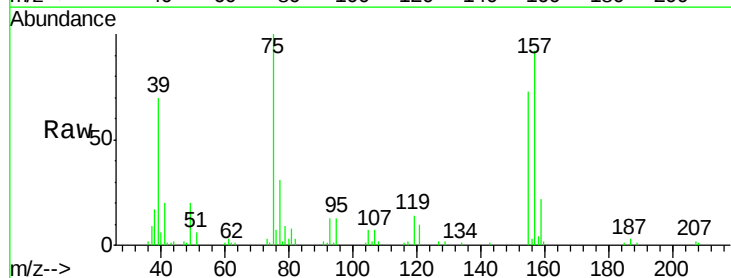
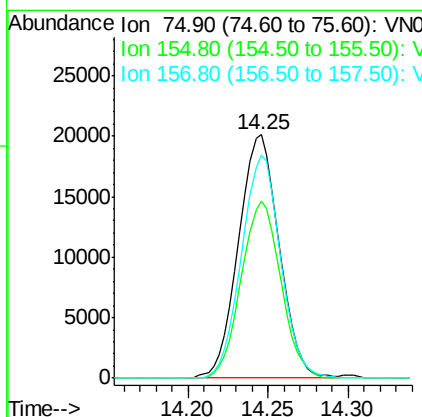
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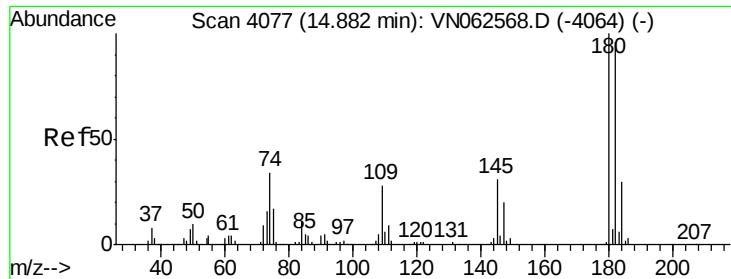
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.668 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.6	35.9	107.5
157	88.4	45.0	135.0





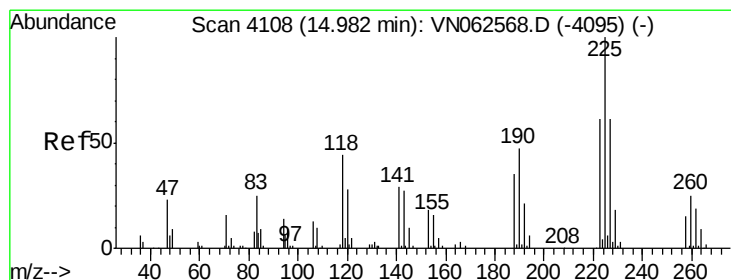
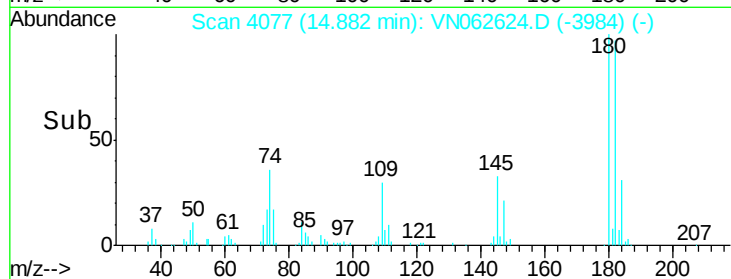
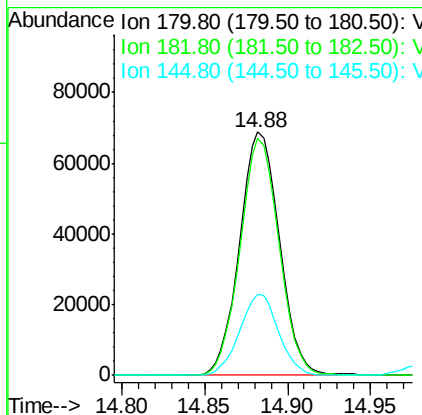
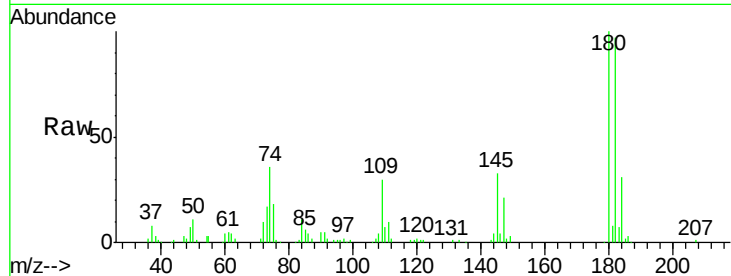
#93
 1,2,4-Trichlorobenzene
 Concen: 50.025 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	115417		
182	95.1	47.8	143.3	
145	32.5	15.3	45.9	

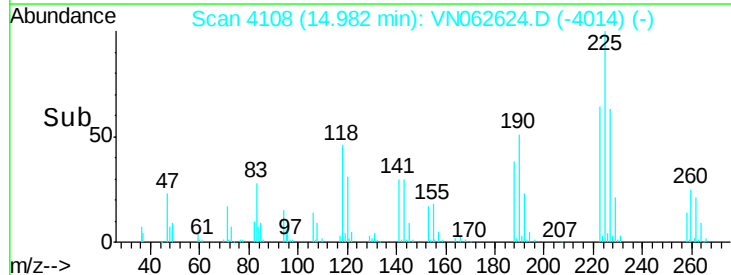
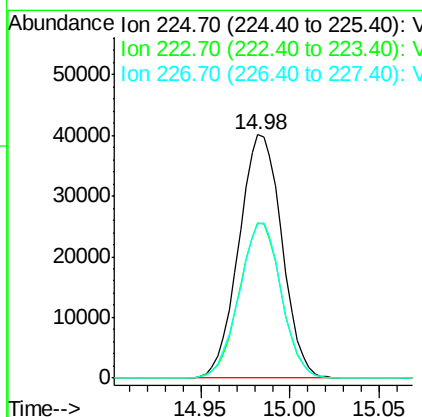
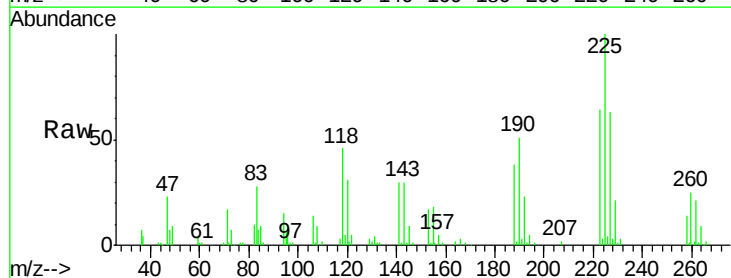
Manual Integrations
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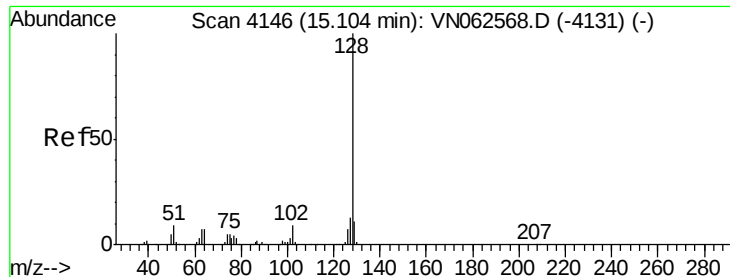
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#94
 Hexachlorobutadiene
 Concen: 56.717 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062624.D
 Acq: 28 Jul 2020 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67256		
223	62.2	32.0	96.0	
227	62.8	31.1	93.2	





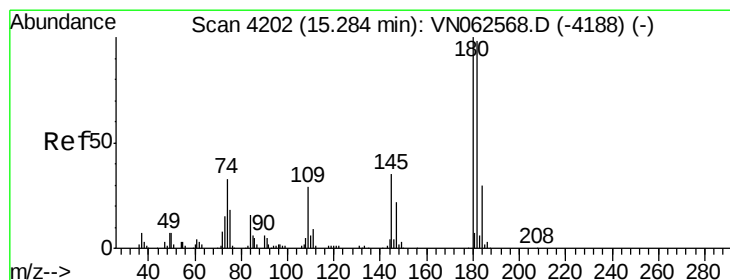
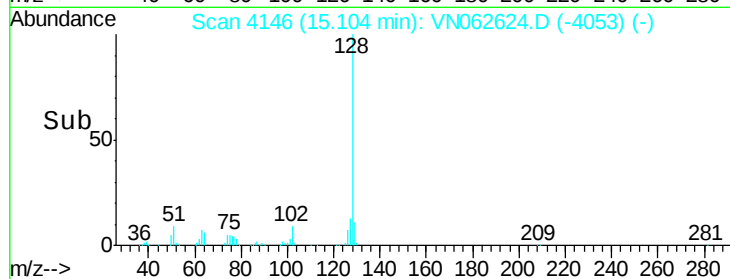
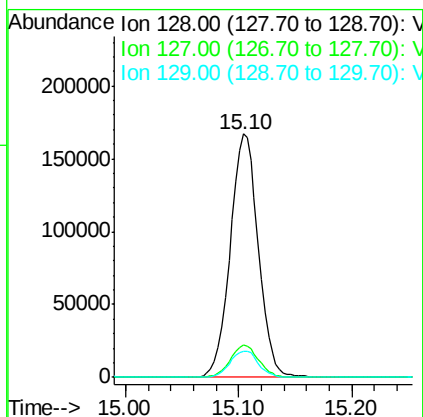
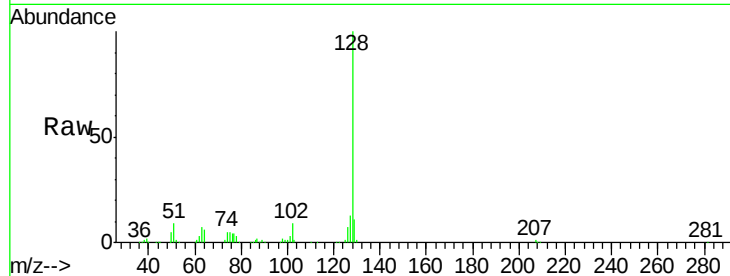
#95
Naphthalene
Concen: 47.266 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		287901		
127	13.4	10.4	15.6		
129	10.9	8.7	13.1		

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.394 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062624.D
Acq: 28 Jul 2020 1:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		114546		
182	96.4	48.1	144.3		
145	33.9	16.7	50.1		

