

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066392.D
 Acq On : 24 Aug 2020 20:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 3:33:02 PM

Quant Time: Aug 25 05:11:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	233065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	349788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	333552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	130360	57.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.10%	
35) Dibromofluoromethane	7.91	113	117330	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
50) Toluene-d8	10.33	98	435419	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.63	95	156214	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	81152	40.957	ug/l	99
3) Chloromethane	2.20	50	71832	51.145	ug/l	97
4) Vinyl Chloride	2.34	62	71519	47.428	ug/l	100
5) Bromomethane	2.76	94	54841	48.622	ug/l	95
6) Chloroethane	2.91	64	47901	49.608	ug/l #	88
7) Trichlorofluoromethane	3.26	101	185504	45.239	ug/l	97
8) Diethyl Ether	3.70	74	51526	56.083	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	94549	46.722	ug/l	99
10) Methyl Iodide	4.29	142	108721	47.105	ug/l	95
11) Tert butyl alcohol	5.23	59	39720	314.595	ug/l #	86
12) 1,1-Dichloroethene	4.06	96	95813	50.440	ug/l	96
13) Acrolein	3.92	56	24155	238.059	ug/l	93
14) Allyl chloride	4.71	41	136792	53.952	ug/l	96
15) Acrylonitrile	5.41	53	107531	291.709	ug/l	96
16) Acetone	4.16	43	88123	213.921	ug/l	96
17) Carbon Disulfide	4.40	76	290352	50.436	ug/l	100
18) Methyl Acetate	4.71	43	46608	60.283	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	260577	56.970	ug/l #	92
20) Methylene Chloride	4.96	84	117641	53.940	ug/l #	93
21) trans-1,2-Dichloroethene	5.46	96	115182	52.091	ug/l	98
22) Diisopropyl ether	6.36	45	277935	56.619	ug/l	95
23) Vinyl Acetate	6.30	43	861965	283.642	ug/l	99
24) 1,1-Dichloroethane	6.26	63	189422	54.604	ug/l	99
25) 2-Butanone	7.21	43	127239	272.078	ug/l	97
26) 2,2-Dichloropropane	7.20	77	166198	44.700	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	132479	55.915	ug/l	96
28) Bromochloromethane	7.54	49	73552	61.553	ug/l	99
29) Tetrahydrofuran	7.56	42	76029	286.229	ug/l	97
30) Chloroform	7.71	83	214158	53.358	ug/l	94
31) Cyclohexane	7.97	56	142921	45.047	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	207714	50.566	ug/l	99
36) 1,1-Dichloropropene	8.11	75	150947	47.295	ug/l	100
37) Ethyl Acetate	7.29	43	57184	52.679	ug/l #	90
38) Carbon Tetrachloride	8.09	117	189805	45.647	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	174935	46.530	ug/l	98
40) Benzene	8.34	78	432321	51.491	ug/l	98
41) Methacrylonitrile	7.52	41	35503	53.036	ug/l #	89
42) 1,2-Dichloroethane	8.42	62	153473	51.900	ug/l	98
43) Isopropyl Acetate	8.45	43	118263	54.280	ug/l	100
44) Trichloroethene	9.11	130	137497	50.398	ug/l	95
45) 1,2-Dichloropropane	9.38	63	99121	52.075	ug/l	99
46) Dibromomethane	9.47	93	64677	54.574	ug/l	99
47) Bromodichloromethane	9.66	83	175062	53.714	ug/l	99
48) Methyl methacrylate	9.45	41	59346	52.821	ug/l	96
49) 1,4-Dioxane	9.46	88	15053	1093.880	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	292207	277.235	ug/l	98
52) Toluene	10.40	92	294252	51.729	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	157173	50.824	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	178352	51.380	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	85996	53.601	ug/l	93
56) Ethyl methacrylate	10.66	69	108381	58.355	ug/l	99
57) 1,3-Dichloropropane	10.94	76	142396	53.657	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	230206	298.437	ug/l	100
59) 2-Hexanone	10.98	43	204338	274.848	ug/l	98
60) Dibromochloromethane	11.14	129	128310	53.057	ug/l	98
61) 1,2-Dibromoethane	11.24	107	86599	54.849	ug/l	95
64) Tetrachloroethene	10.87	164	125997	49.795	ug/l	98
65) Chlorobenzene	11.67	112	331715	49.987	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	134613	49.637	ug/l	98
67) Ethyl Benzene	11.74	91	571812	48.952	ug/l	100
68) m/p-Xylenes	11.85	106	427153	95.940	ug/l	97
69) o-Xylene	12.18	106	205325	49.572	ug/l	98
70) Styrene	12.19	104	354297	49.817	ug/l	99
71) Bromoform	12.36	173	78730	51.170	ug/l #	98
73) Isopropylbenzene	12.48	105	565628	51.413	ug/l	99
74) N-amyl acetate	12.28	43	112053	56.393	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	84302	53.640	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	53450m	46.263	ug/l	
77) Bromobenzene	12.76	156	146737	52.550	ug/l	97
78) n-propylbenzene	12.82	91	628456	49.820	ug/l	100
79) 2-Chlorotoluene	12.91	91	373171	51.796	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	480499	50.584	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	26405	48.512	ug/l	97
82) 4-Chlorotoluene	13.00	91	387139	50.719	ug/l	100
83) tert-Butylbenzene	13.22	119	419052	50.790	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	479438	51.387	ug/l	99
85) sec-Butylbenzene	13.40	105	524707	48.539	ug/l	100
86) p-Isopropyltoluene	13.51	119	509958	48.924	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	262192	50.302	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	262418	50.141	ug/l	99
89) n-Butylbenzene	13.84	91	444371	48.311	ug/l	100
90) Hexachloroethane	14.11	117	100261	48.693	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	231037	51.489	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18224	55.287	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	180680	51.578	ug/l	99
94) Hexachlorobutadiene	15.27	225	105375	48.405	ug/l	96
95) Naphthalene	15.40	128	310912	56.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	158553	52.836	ug/l	98

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

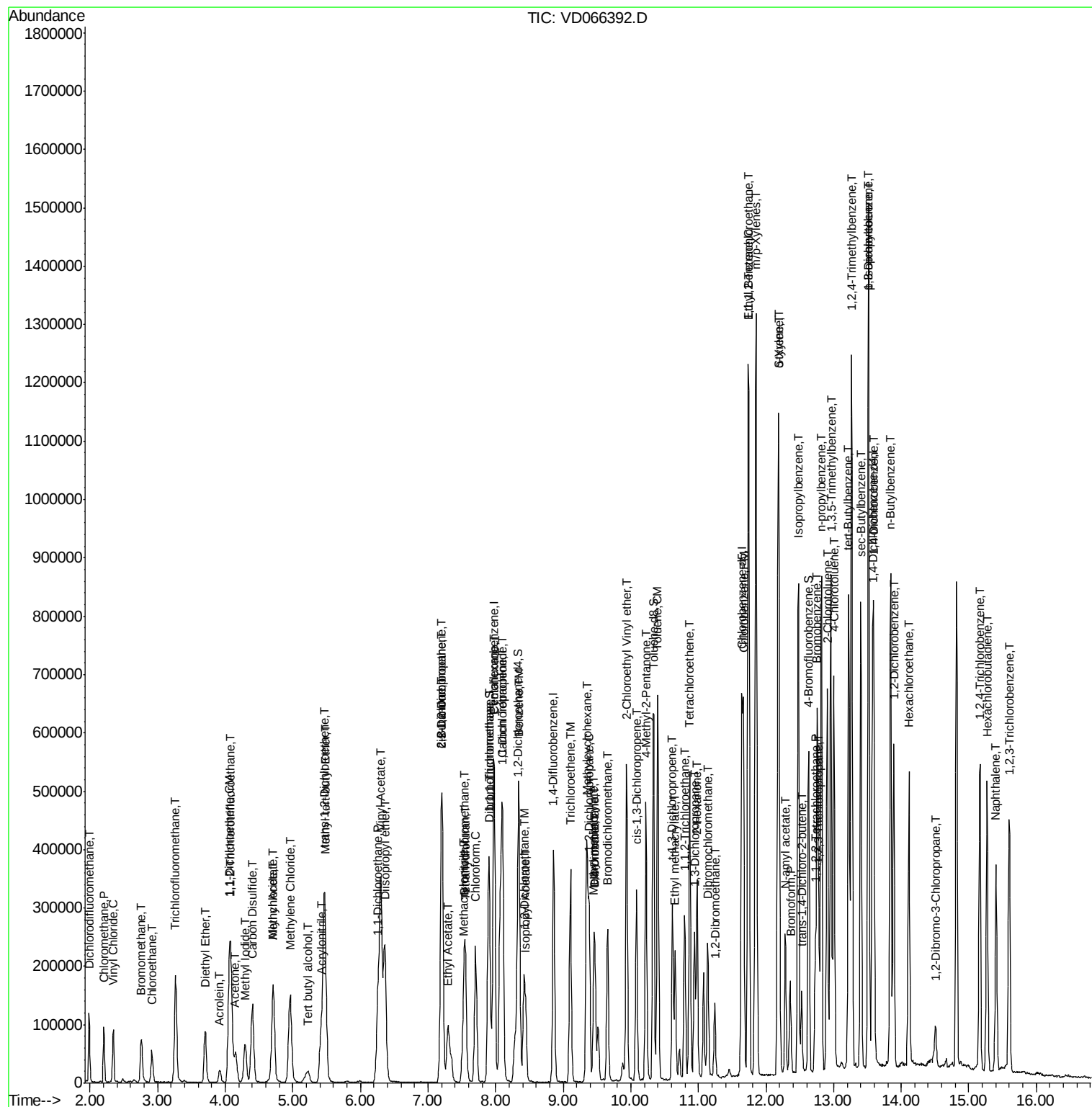
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Data File : VD066392.D
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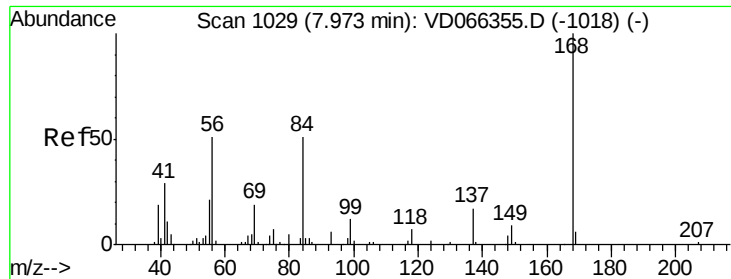
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 233065

Ion Ratio Lower Upper

168 100

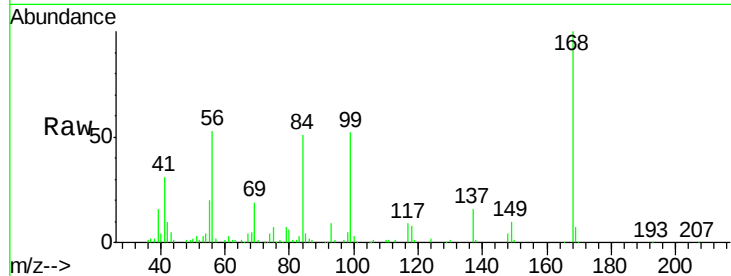
99 51.5 45.4 68.0

Manual Integrations

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8/25/2020 3:33:02 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

60000

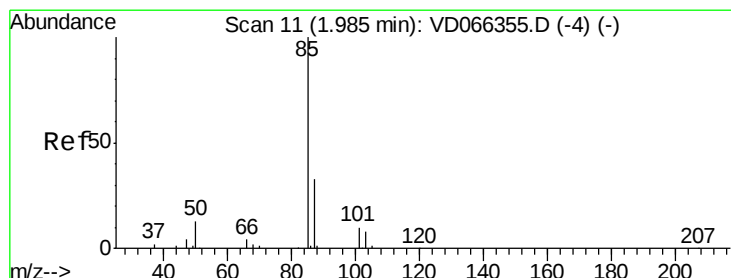
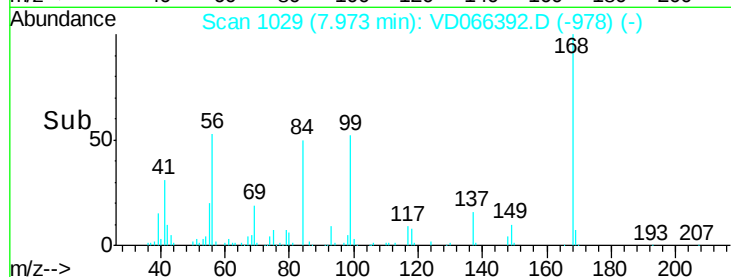
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 40.957 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066392.D

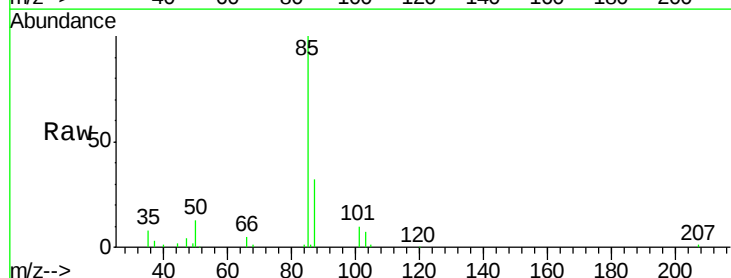
Acq: 24 Aug 2020 20:21

Tgt Ion: 85 Resp: 81152

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

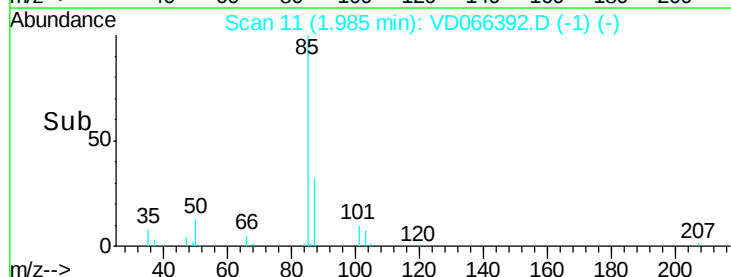
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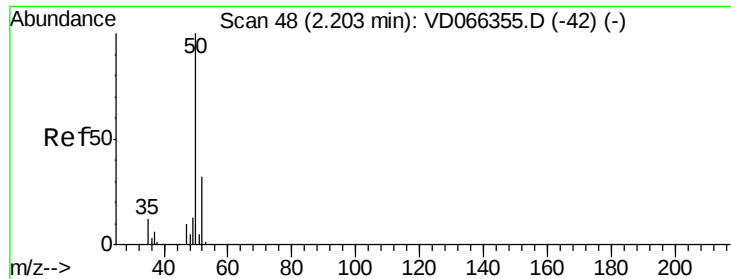
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 51.145 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 71832

Ion Ratio Lower Upper

50 100

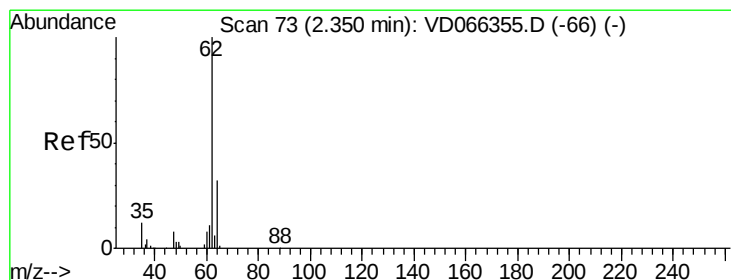
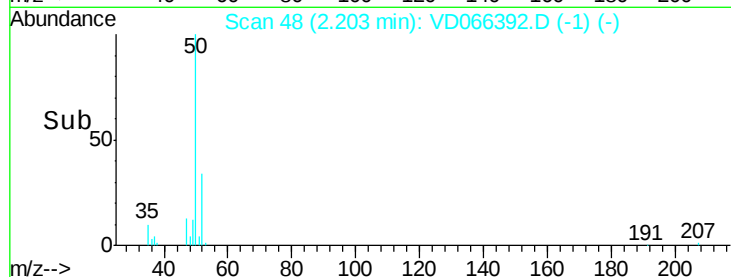
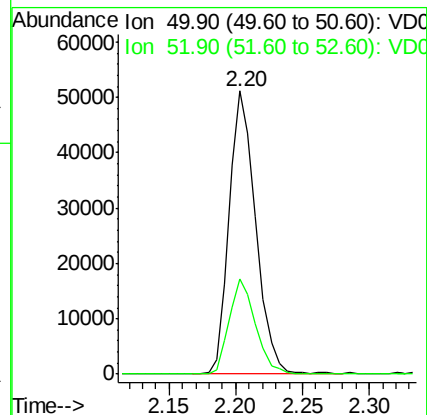
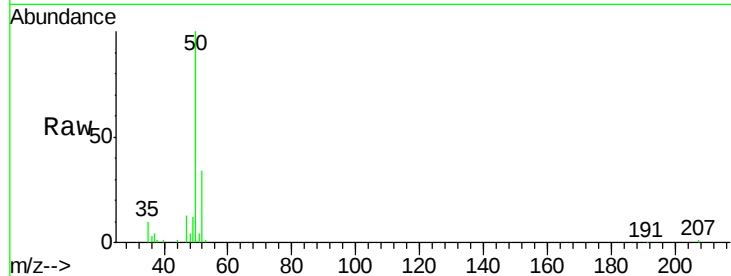
52 33.7 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.428 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066392.D

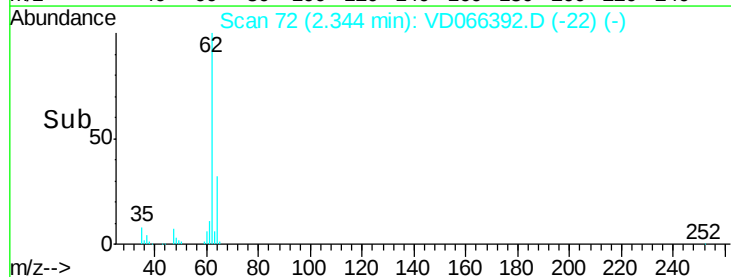
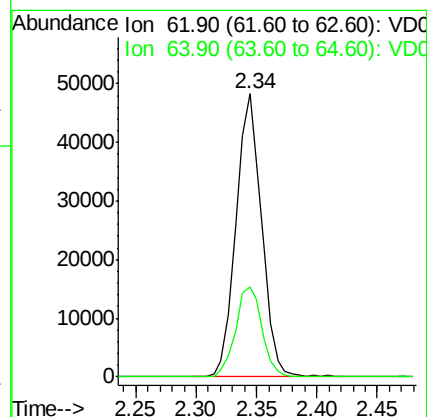
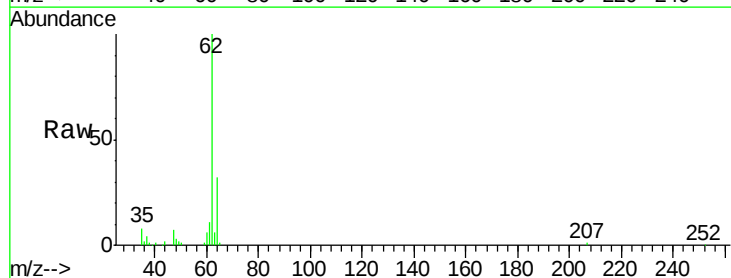
Acq: 24 Aug 2020 20:21

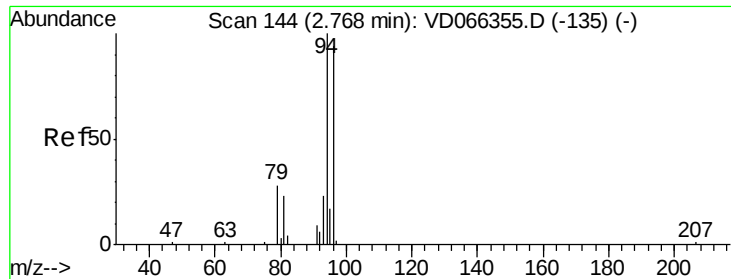
Tgt Ion: 62 Resp: 71519

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 48.622 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 54841

Ion Ratio Lower Upper

94 100

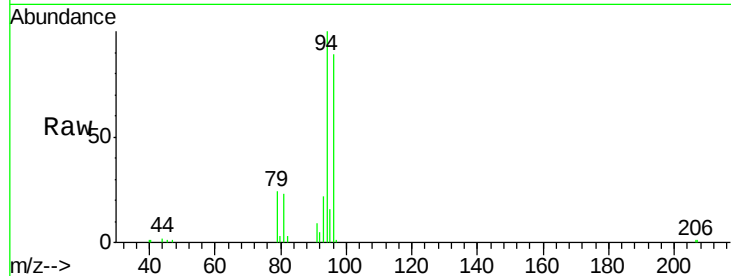
96 88.6 75.0 112.4

Manual Integrations

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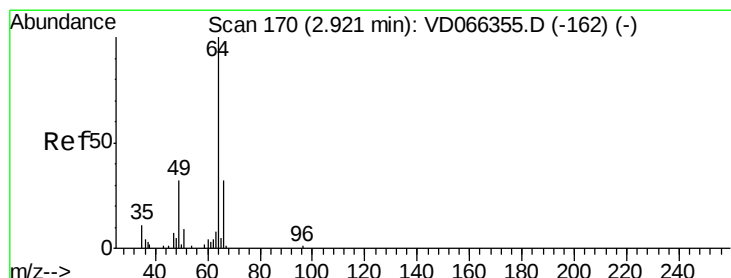
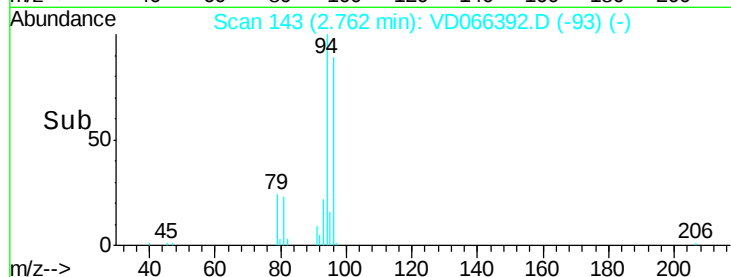
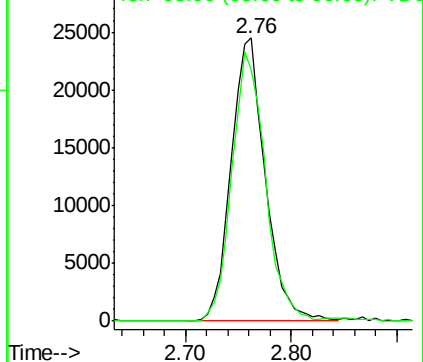
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.608 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066392.D

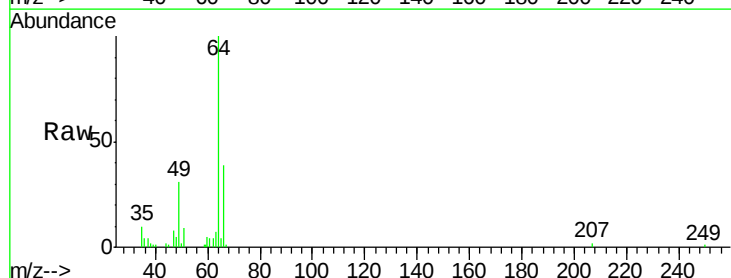
Acq: 24 Aug 2020 20:21

Tgt Ion: 64 Resp: 47901

Ion Ratio Lower Upper

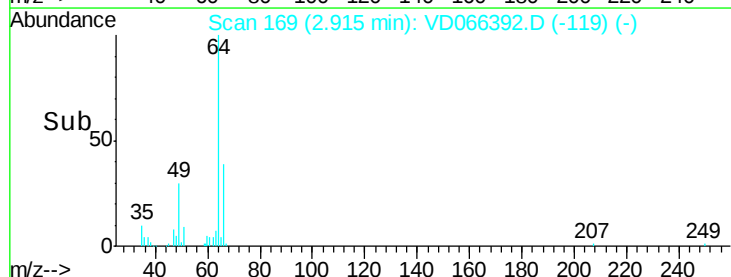
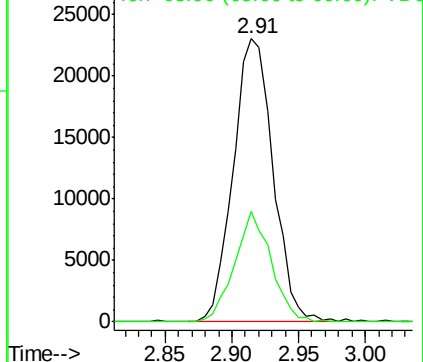
64 100

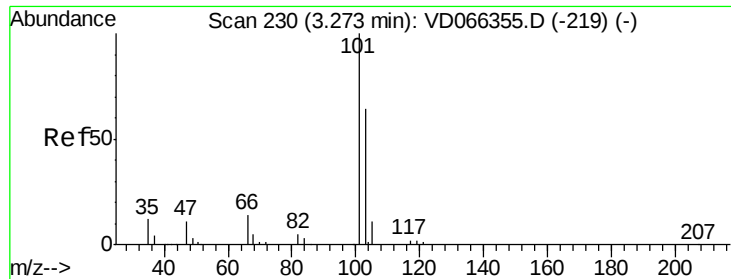
66 39.1 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

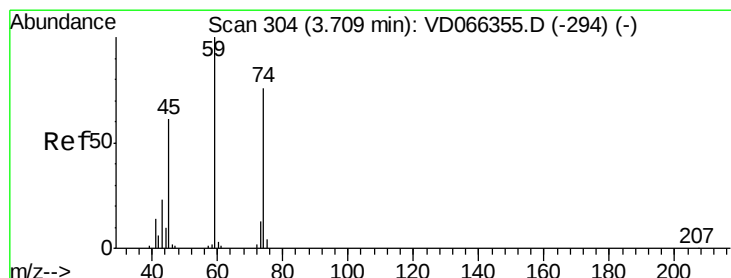
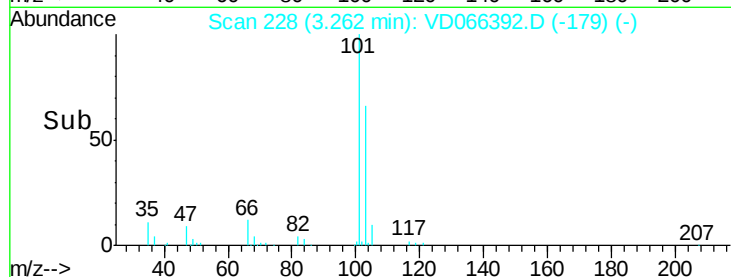
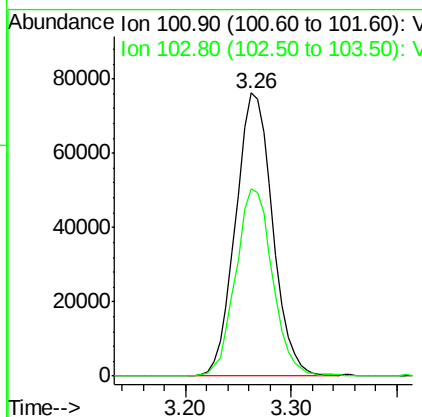
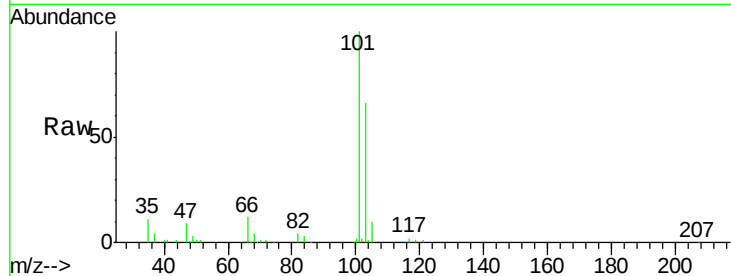
Trichlorofluoromethane
 Concen: 45.239 ug/l
 RT: 3.26 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VD066392.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.4	77.0

Manual Integrations
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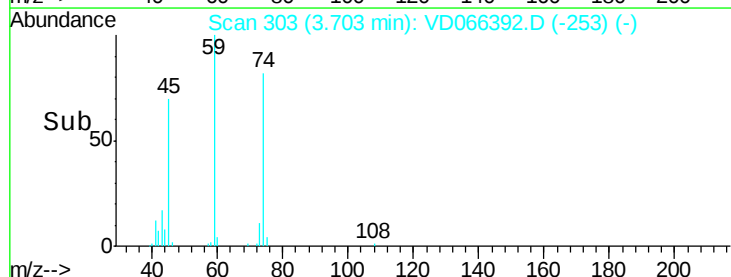
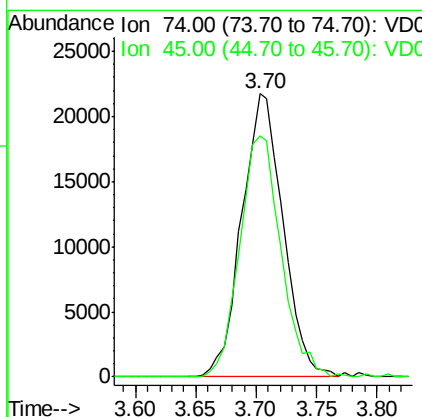
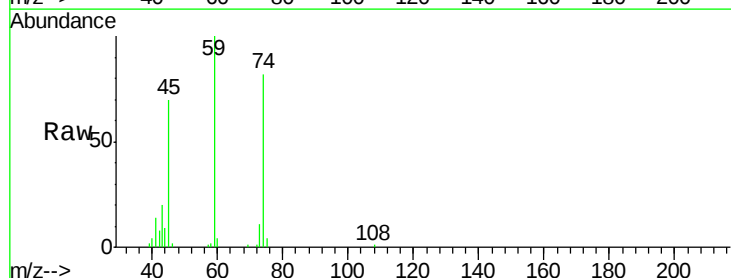
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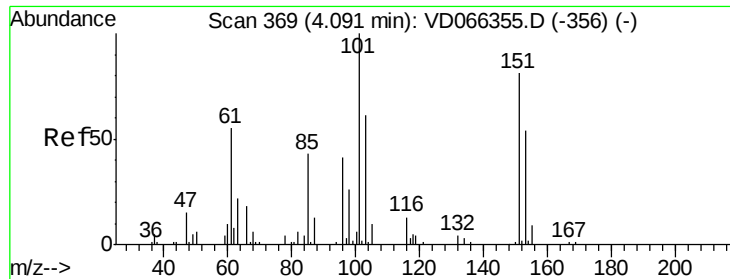


#8

Diethyl Ether
 Concen: 56.083 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.8	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.722 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

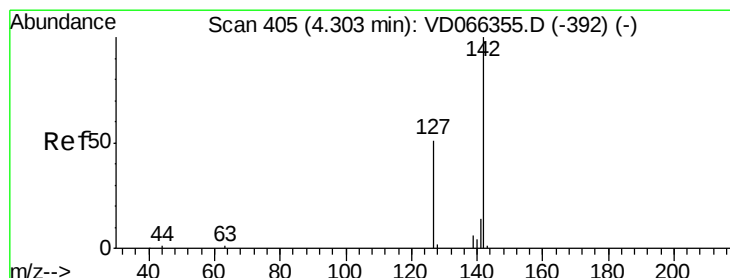
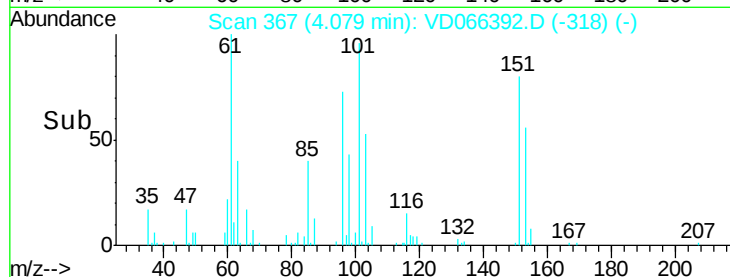
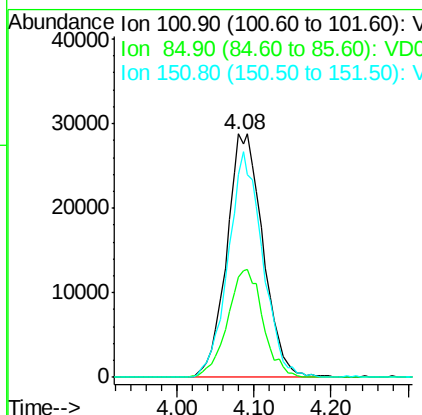
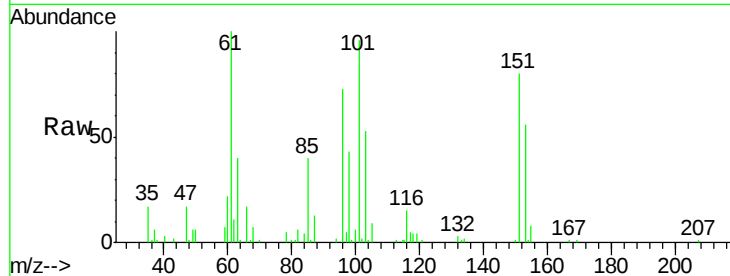
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	94549
Ion Ratio	Lower	Upper	
101	100		
85	43.3	36.4	54.6
151	87.7	70.5	105.7

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#10

Methyl Iodide

Concen: 47.105 ug/l

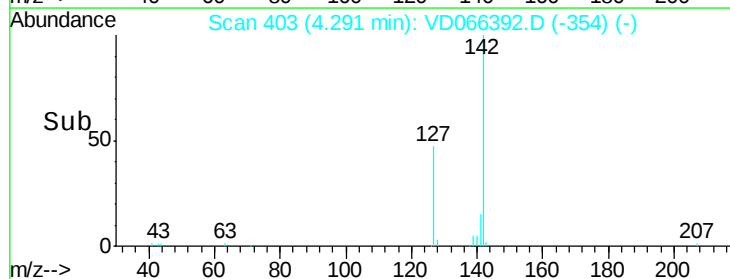
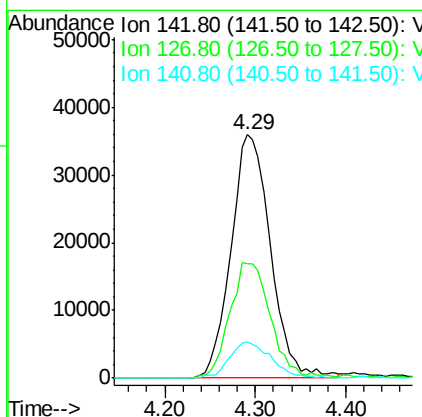
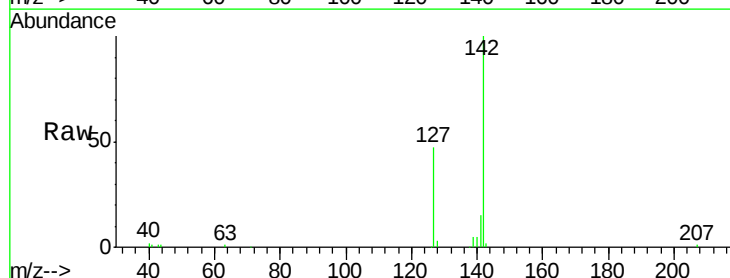
RT: 4.29 min Scan# 403

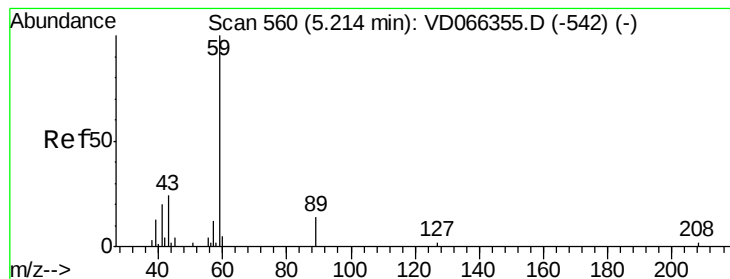
Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Tgt Ion:	142	Resp:	108721
Ion Ratio	Lower	Upper	
142	100		
127	48.1	41.8	62.8
141	15.7	11.8	17.6





#11

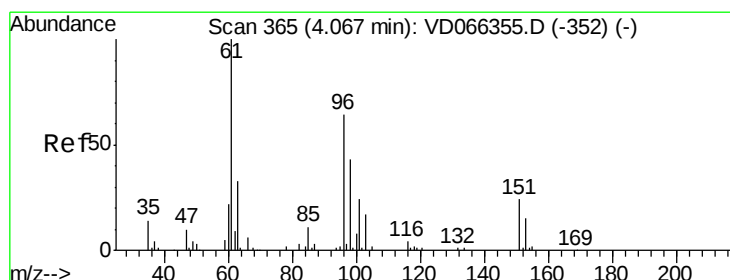
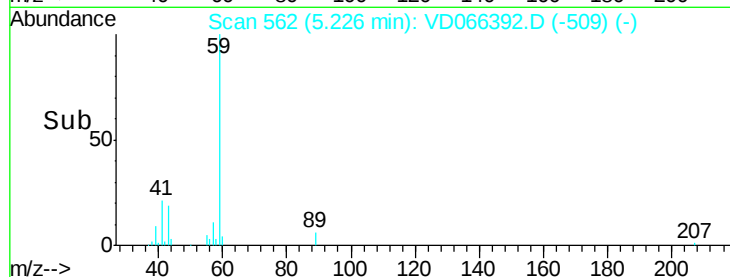
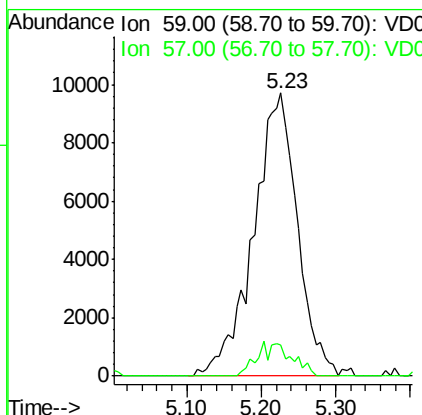
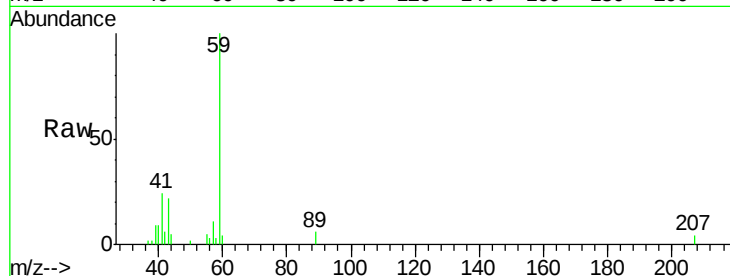
Tert butyl alcohol
 Concen: 314.595 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Ratio	Lower	Upper
59	100			
57	6.0		9.0	13.4#

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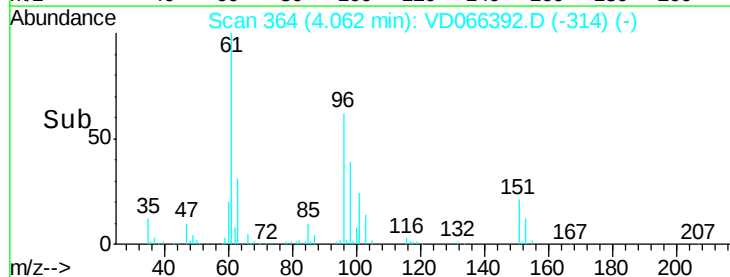
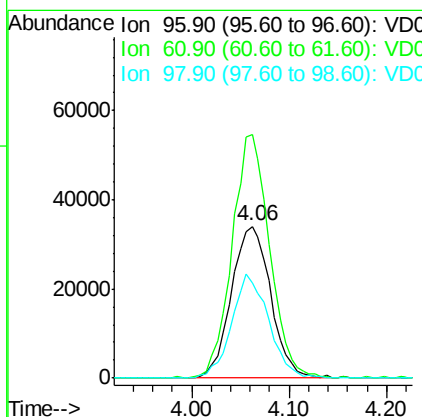
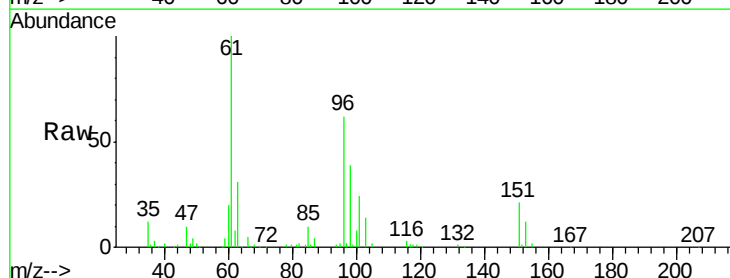
MMDadoda
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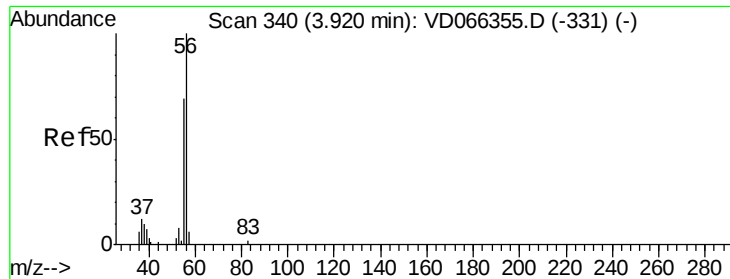


#12

1,1-Dichloroethene
 Concen: 50.440 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	96	Ratio	Lower	Upper
96	100			
61	160.6		124.3	186.5
98	62.9		53.2	79.8





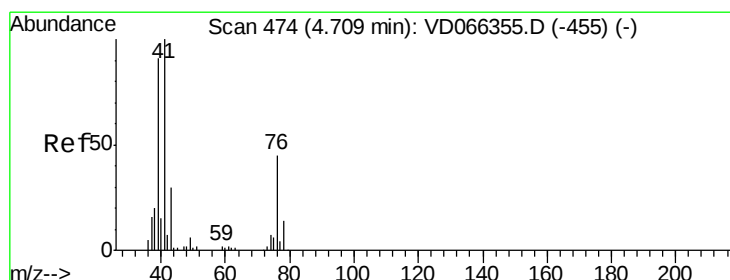
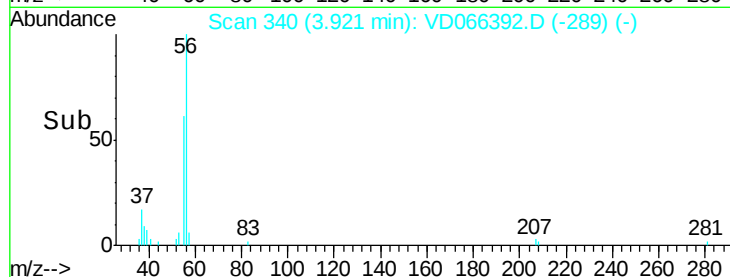
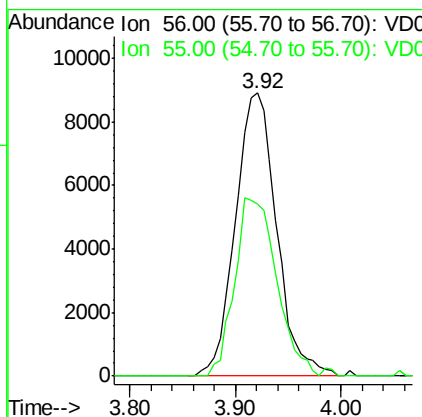
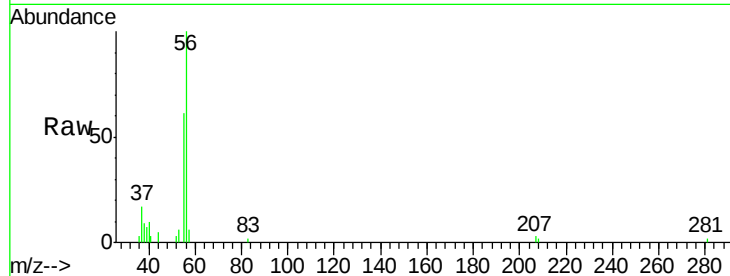
#13
Acrolein
Concen: 238.059 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	24155
Ion Ratio	100	Lower	Upper
55	63.9	55.5	83.3

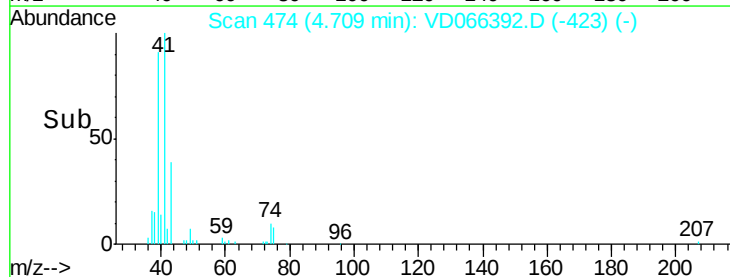
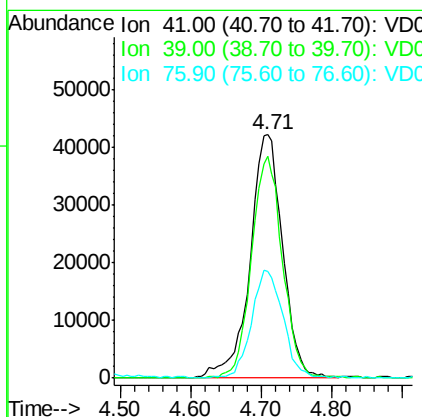
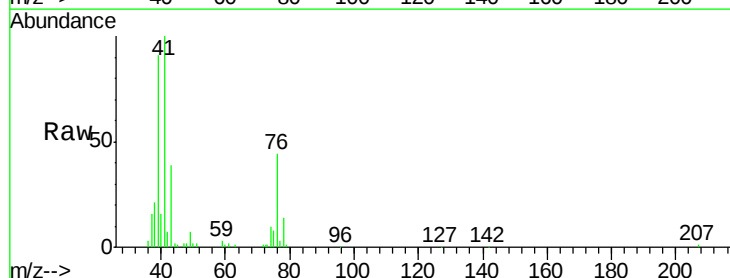
Manual Integrations
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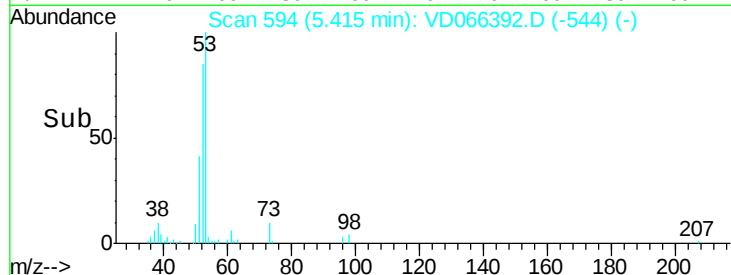
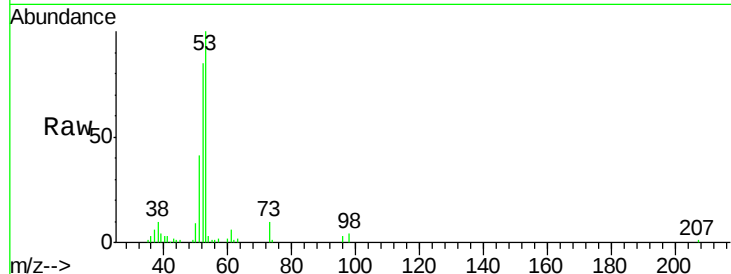
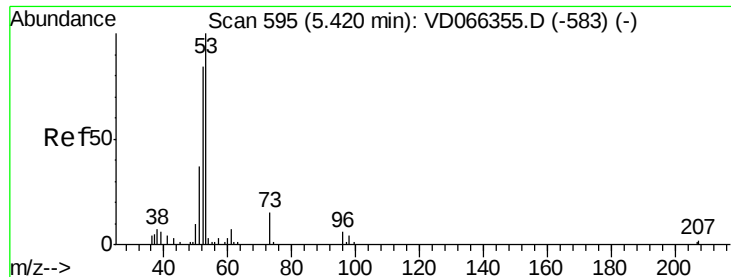
MMDadoda
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#14
Allyl chloride
Concen: 53.952 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	41	Resp	136792
Ion Ratio	100	Lower	Upper
39	86.2	72.8	109.2
76	42.7	34.0	51.0





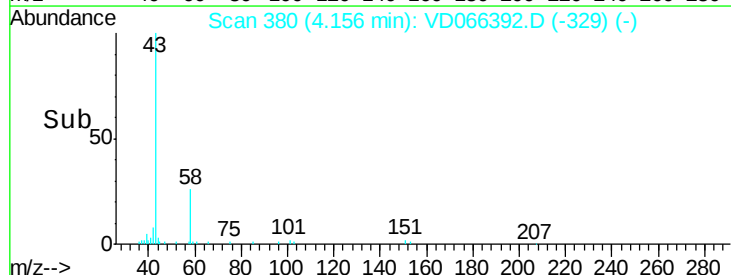
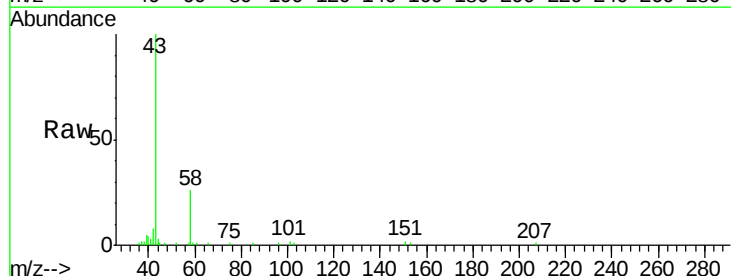
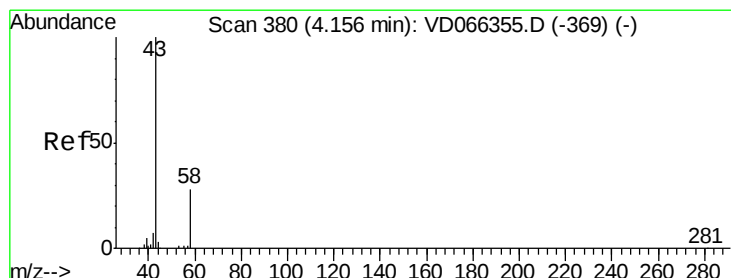
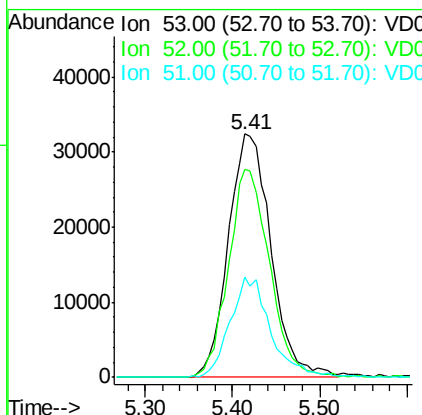
#15
Acrylonitrile
Concen: 291.709 ug/l
RT: 5.41 min Scan# 594
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.3	68.1	102.1
51	39.2	33.8	50.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

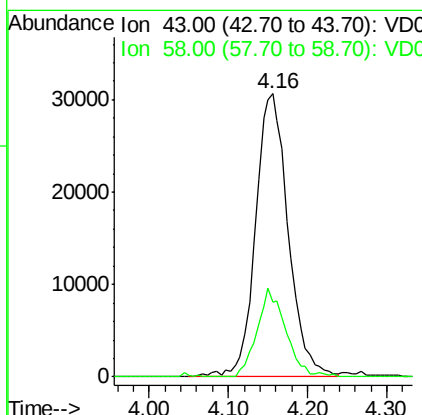
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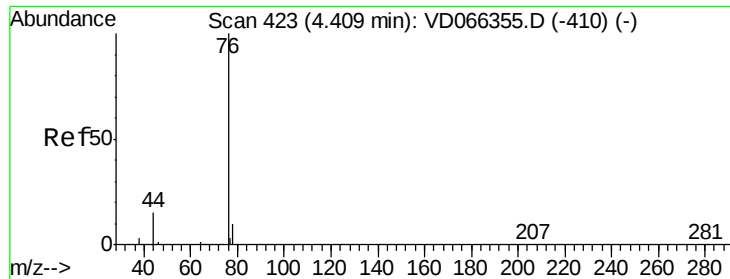
MMDadoda
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#16
Acetone
Concen: 213.921 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.2	22.7	34.1





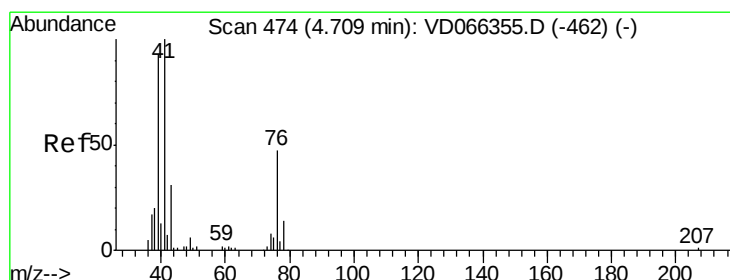
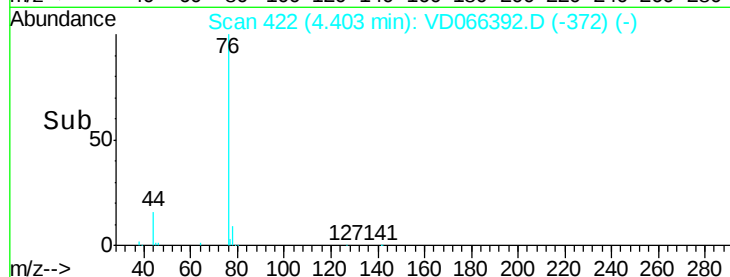
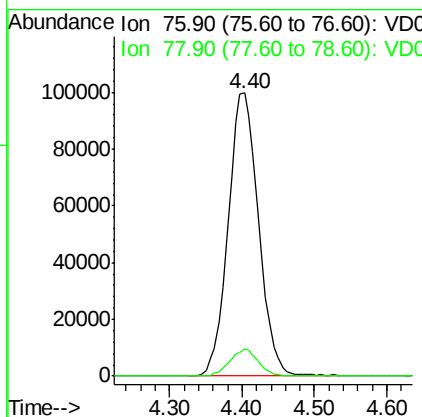
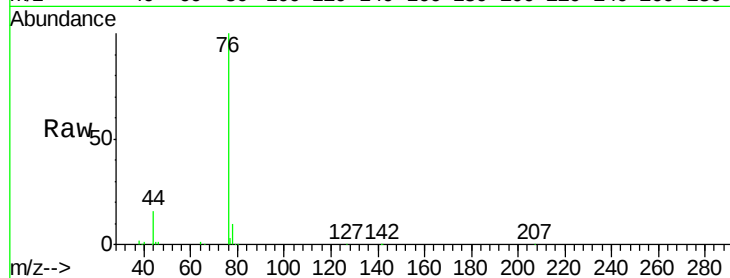
#17
Carbon Disulfide
Concen: 50.436 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.7	11.5

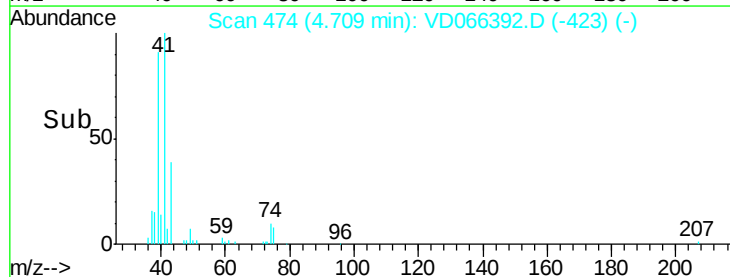
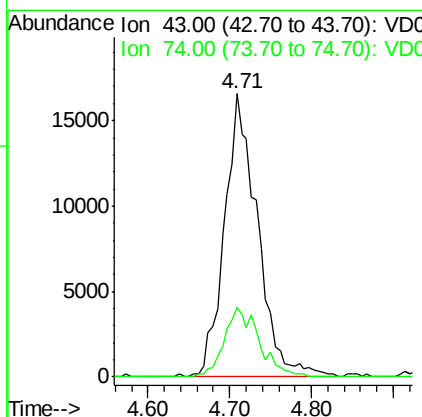
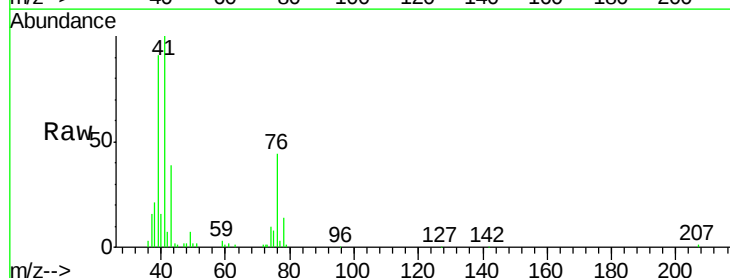
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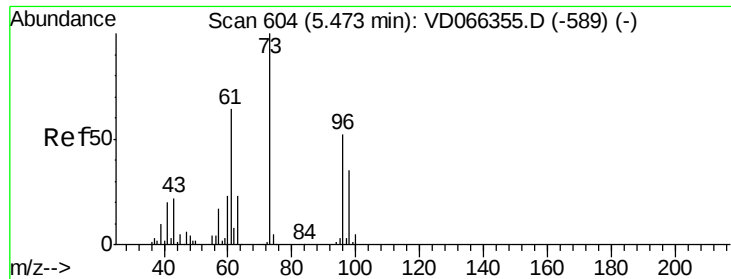
MMDadoda
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#18
Methyl Acetate
Concen: 60.283 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	21.0	31.6





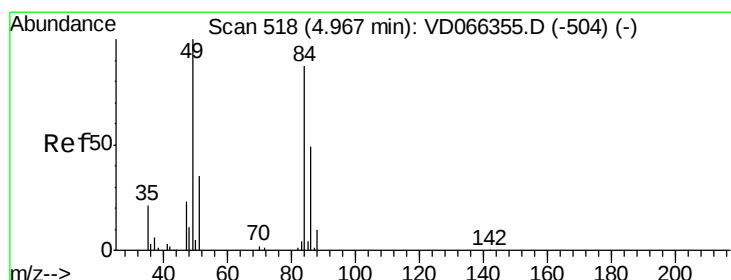
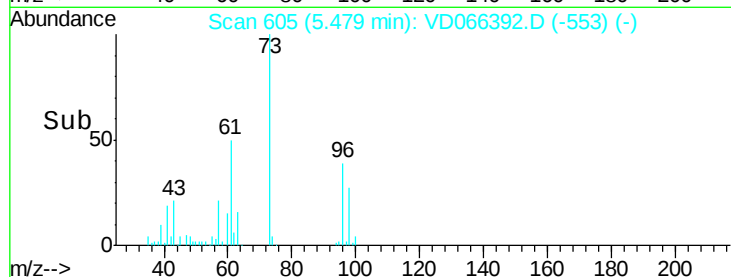
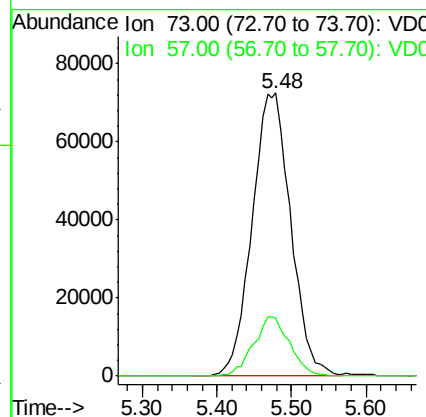
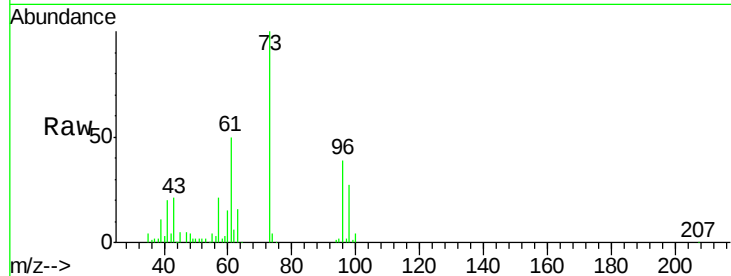
#19
Methvl tert-butvl Ether
Concen: 56.970 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 260577
Ion Ratio Lower Upper
73 100
57 20.8 13.8 20.6#

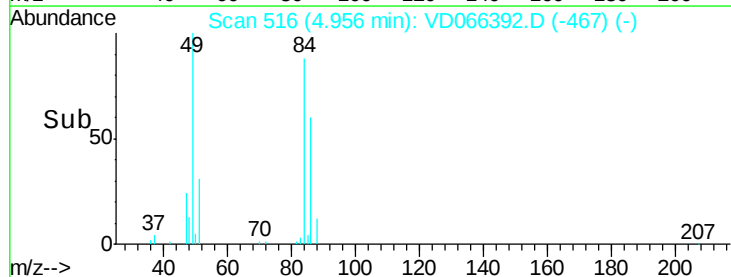
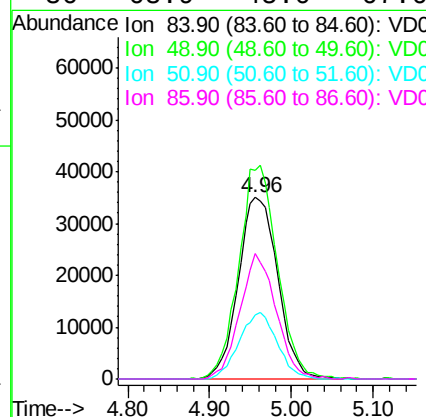
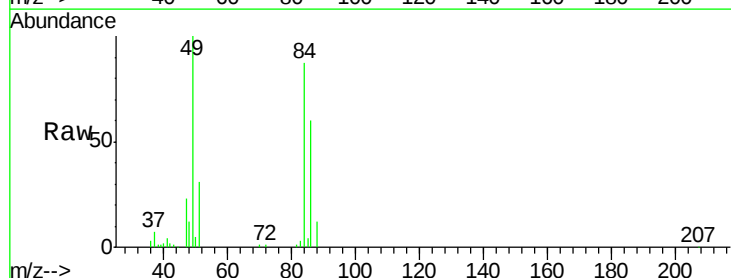
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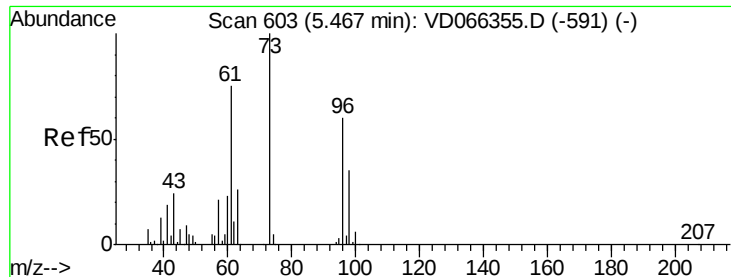
MMDadoda
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#20
Methylene Chloride
Concen: 53.940 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion: 84 Resp: 117641
Ion Ratio Lower Upper
84 100
49 114.7 92.5 138.7
51 35.6 32.5 48.7
86 68.9 45.0 67.6#





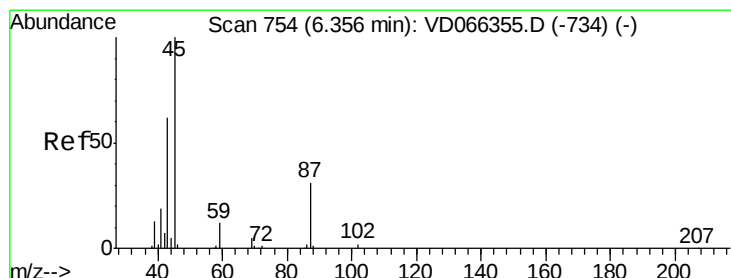
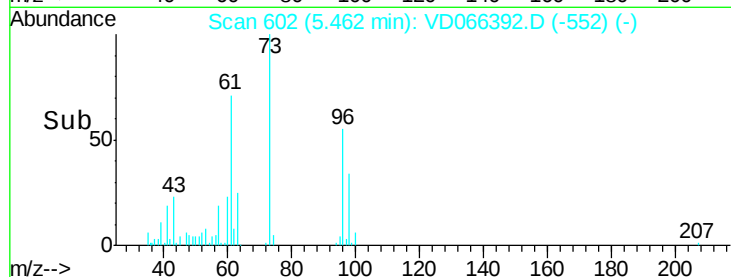
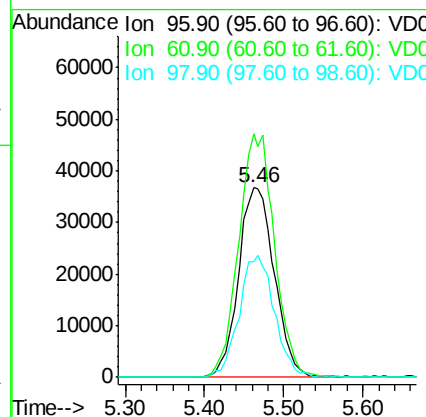
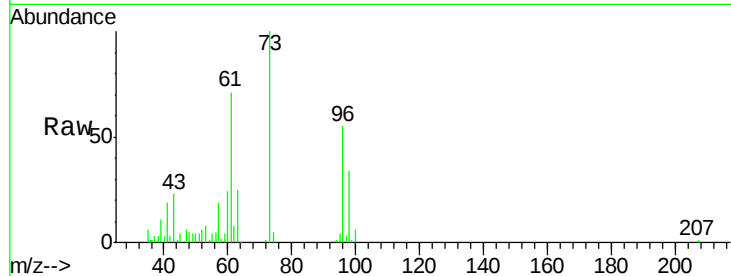
#21
trans-1,2-Dichloroethene
Concen: 52.091 ug/l
RT: 5.46 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	101.1	151.7
98	60.9	47.0	70.6

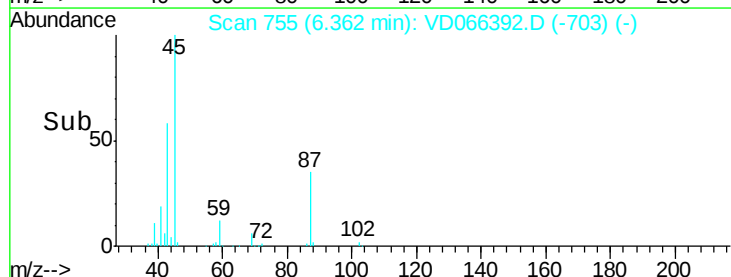
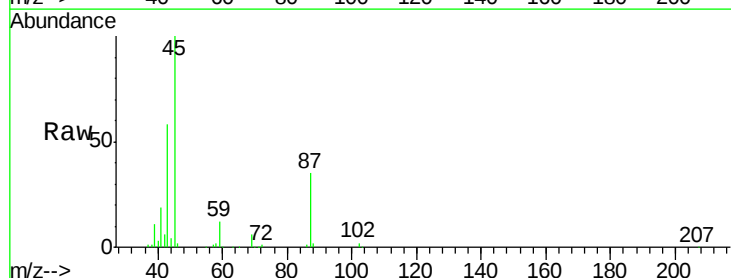
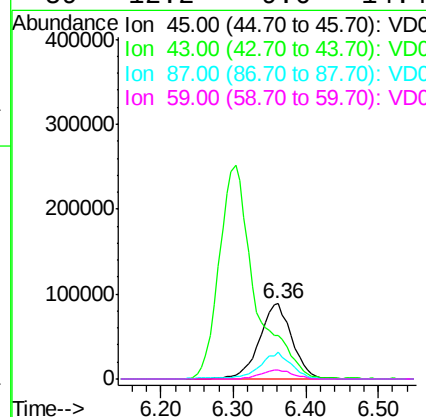
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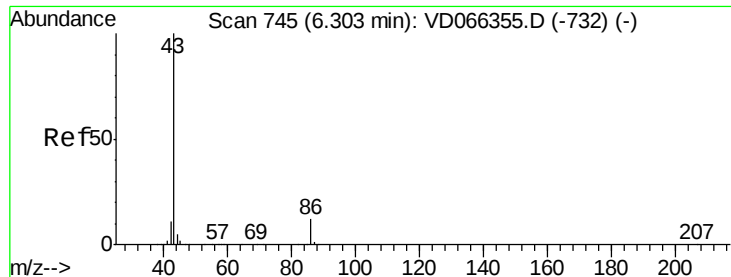
MMDadoda
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#22
Diisopropyl ether
Concen: 56.619 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.8	49.8	74.8
87	34.9	25.0	37.6
59	12.2	9.6	14.4





#23

Vinyl Acetate

Concen: 283.642 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 861965

Ion Ratio Lower Upper

43 100

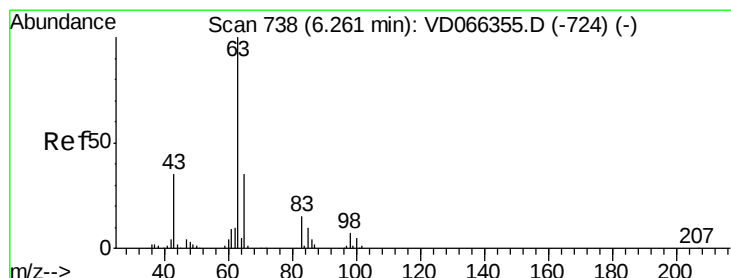
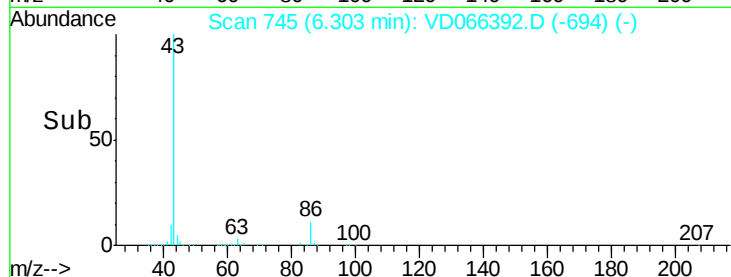
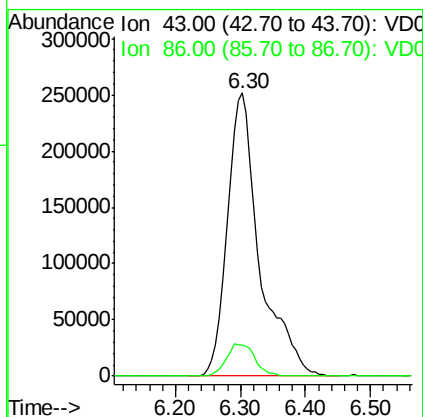
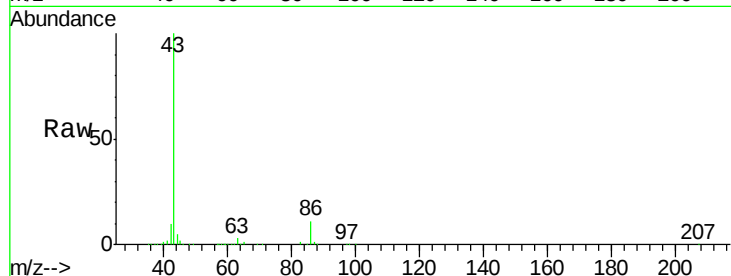
86 11.2 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.604 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

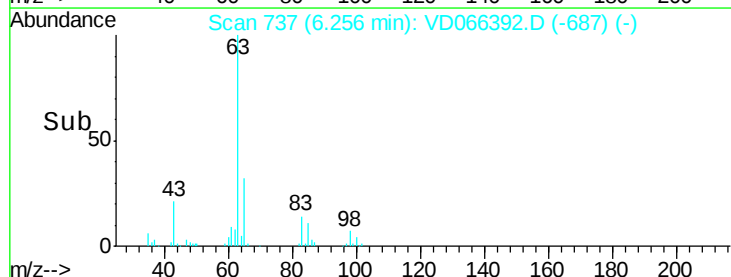
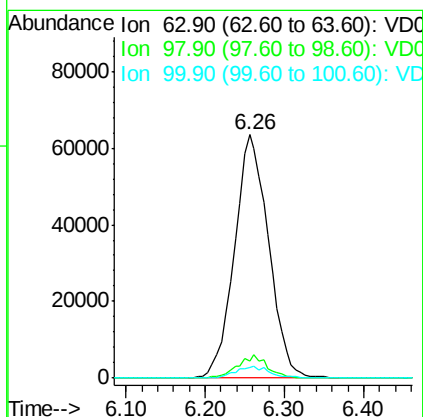
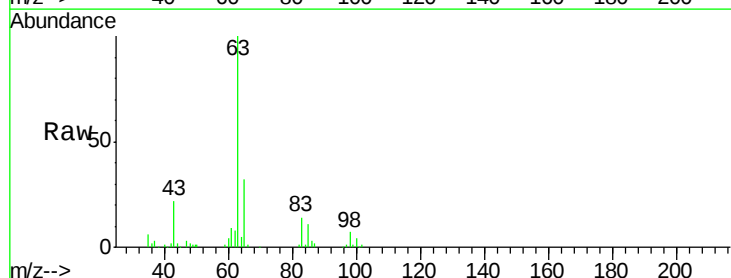
Tgt Ion: 63 Resp: 189422

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 4.2 2.5 7.6





#25

2-Butanone

Concen: 272.078 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 127239

Ion Ratio Lower Upper

43 100

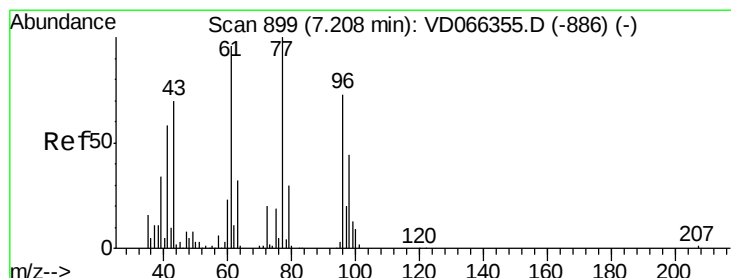
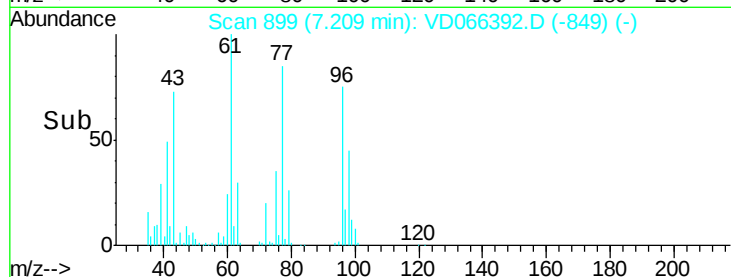
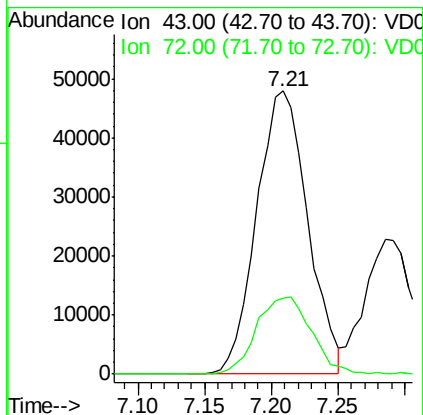
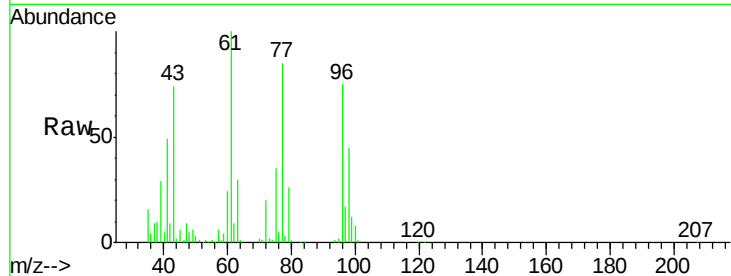
72 26.8 22.5 33.7

Manual Integrations

APPROVED

MMDadoda

8/25/2020 3:33:02 PM



#26

2,2-Dichloropropane

Concen: 44.700 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066392.D

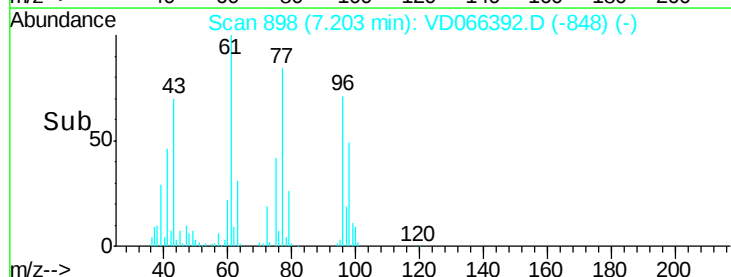
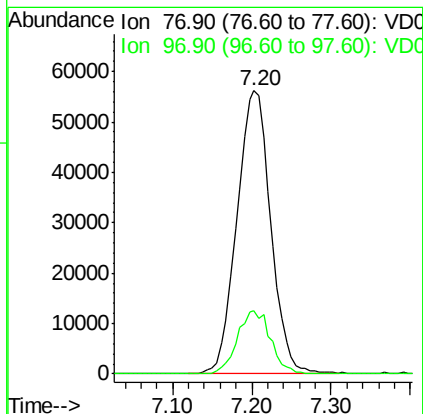
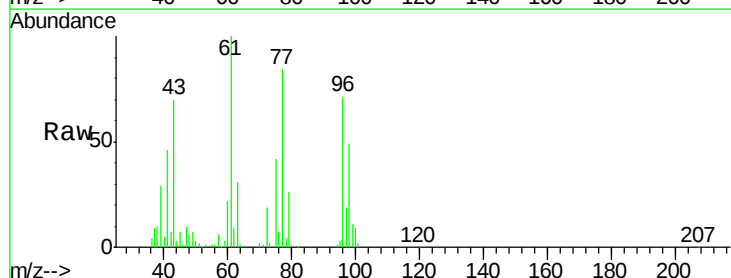
Acq: 24 Aug 2020 20:21

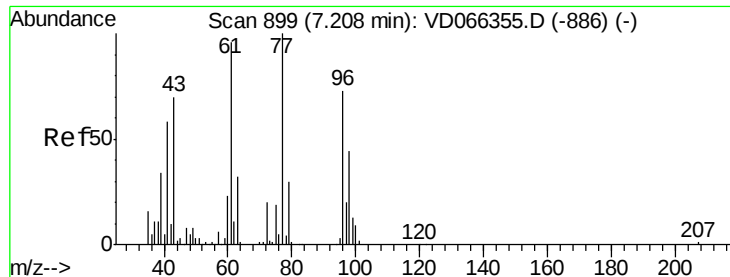
Tgt Ion: 77 Resp: 166198

Ion Ratio Lower Upper

77 100

97 21.9 10.7 31.9





#27

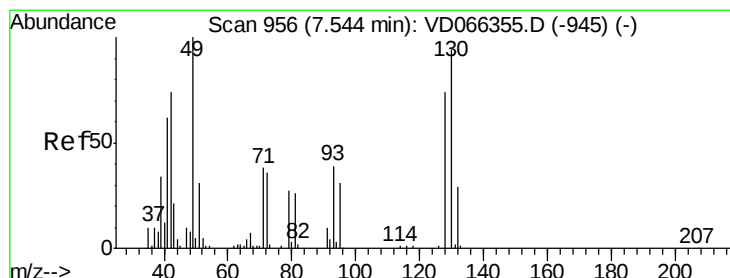
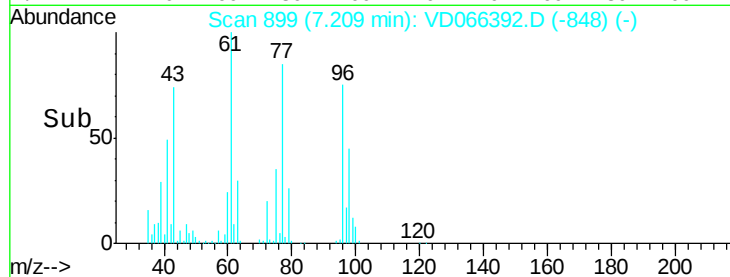
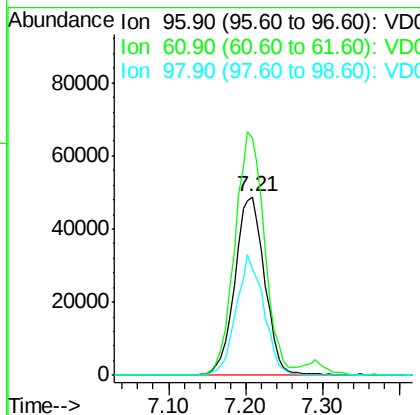
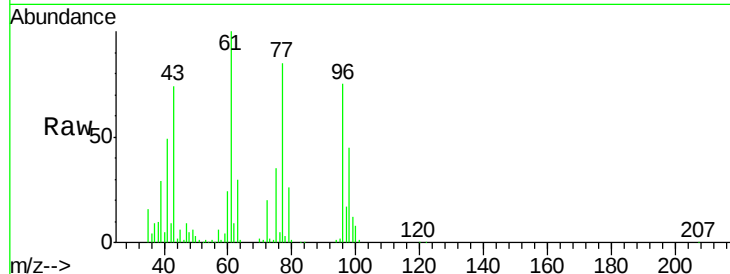
cis-1,2-Dichloroethene
 Concen: 55.915 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	281.4
98	62.5	0.0	132.2

Manual Integrations
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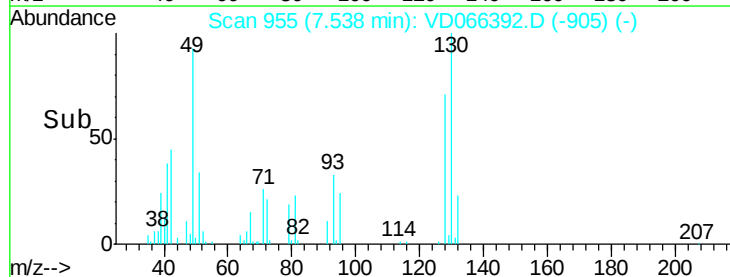
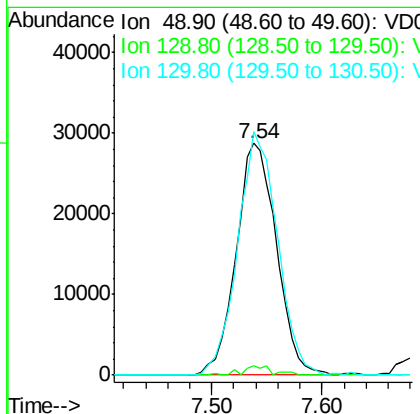
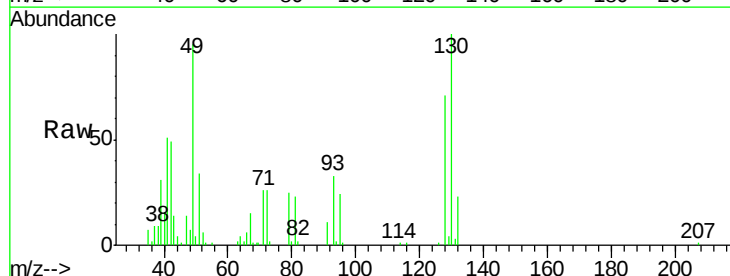
MMDadoda
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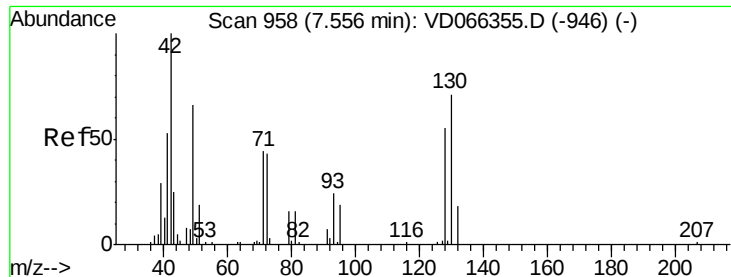


#28

Bromochloromethane
 Concen: 61.553 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	3.0
130	103.9	82.6	124.0





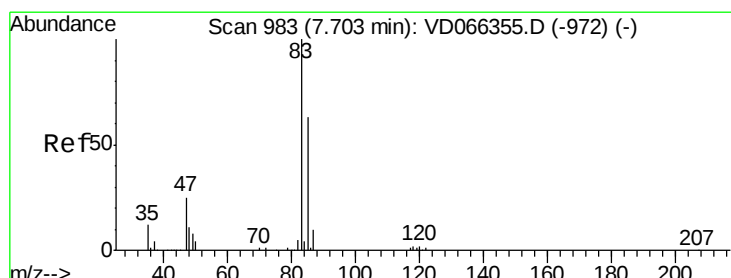
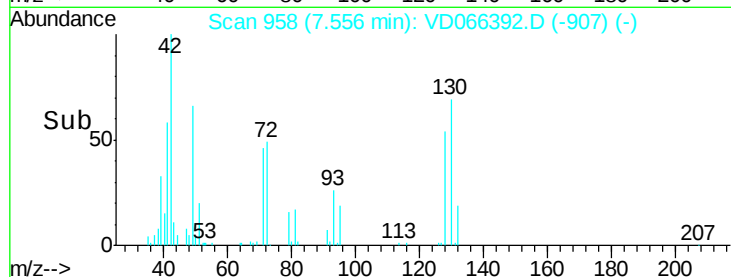
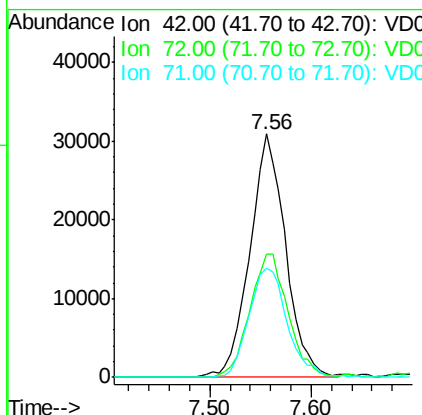
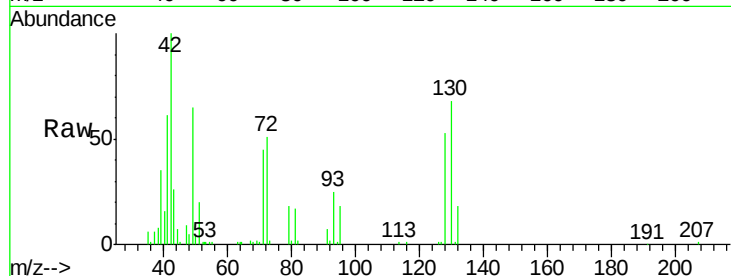
#29
Tetrahydrofuran
Concen: 286.229 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.9	41.0	61.4
71	48.4	37.2	55.8

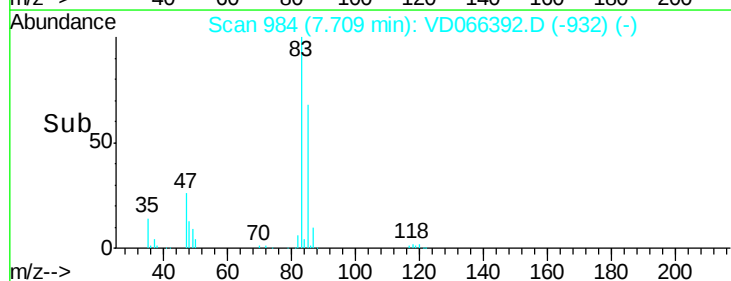
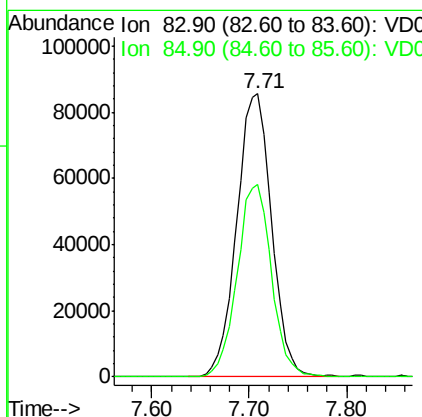
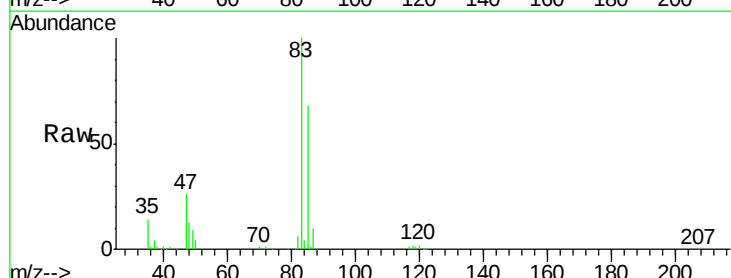
Manual Integrations
APPROVED

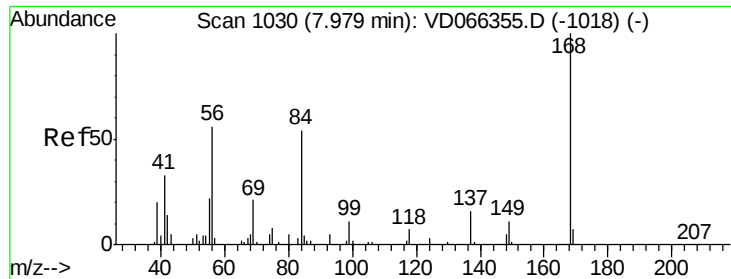
MMDadoda
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#30
Chloroform
Concen: 53.358 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.3	75.5





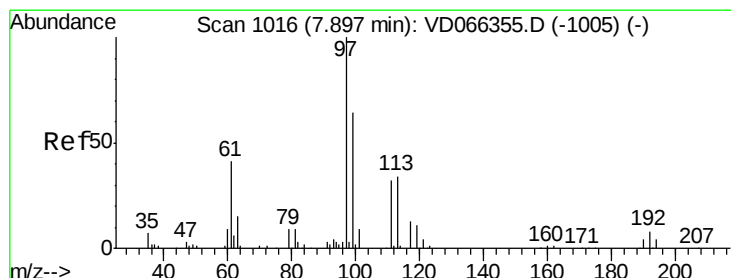
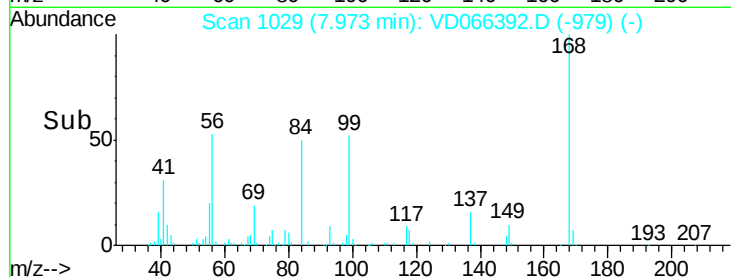
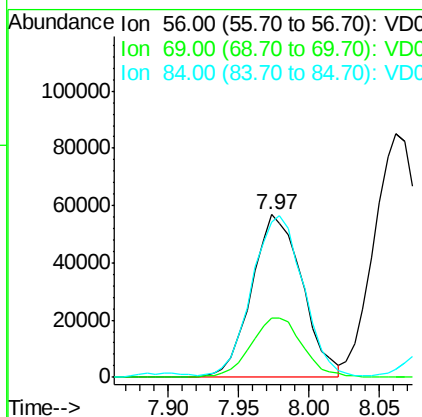
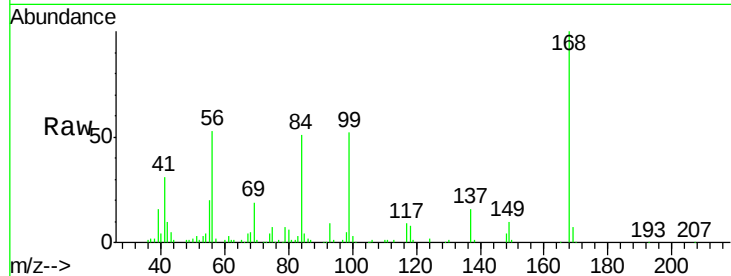
#31
Cyclohexane
Concen: 45.047 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.1	29.6	44.4
84	93.3	76.6	115.0

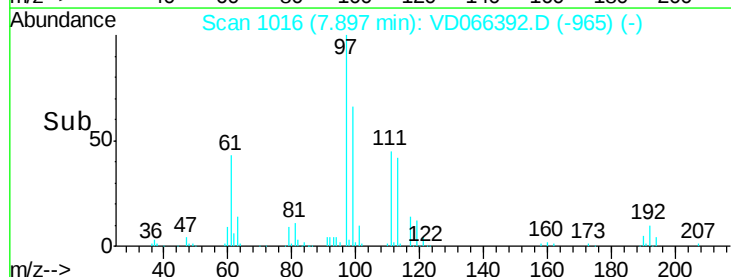
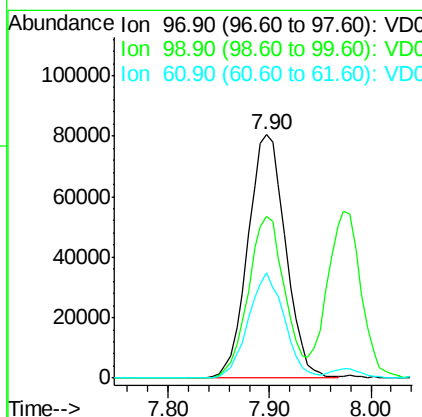
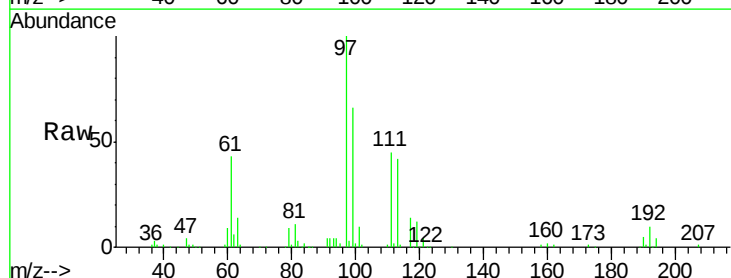
Manual Integrations
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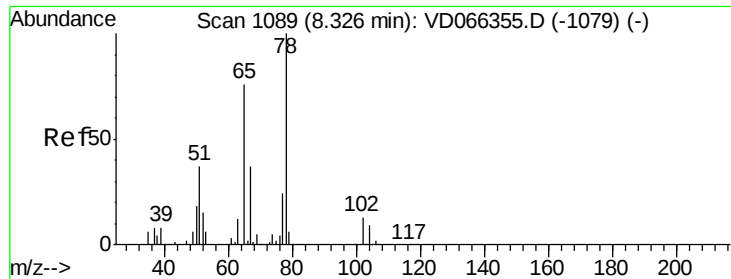
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#32
1,1,1-Trichloroethane
Concen: 50.566 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.5	77.3
61	41.3	33.3	49.9





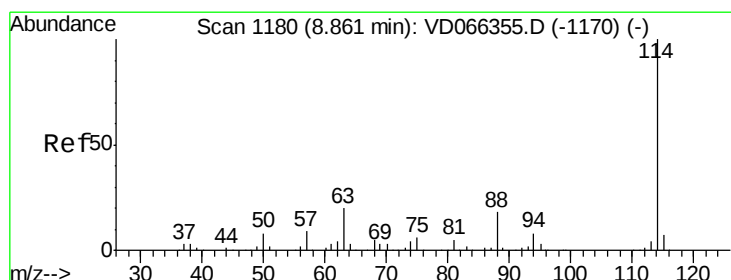
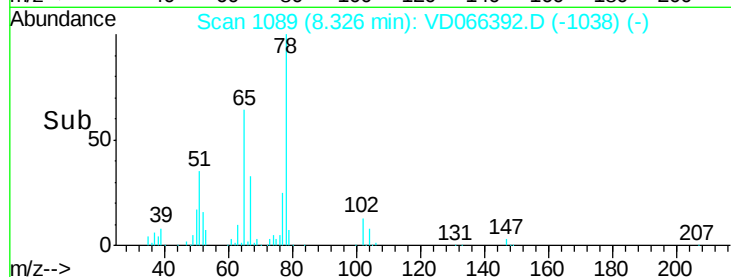
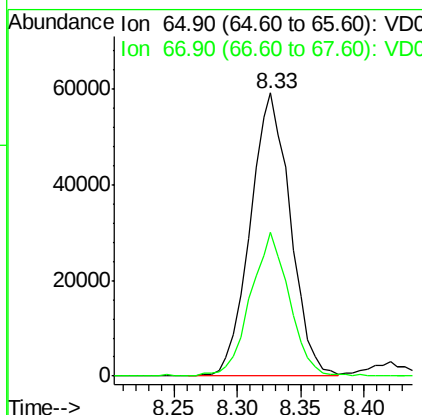
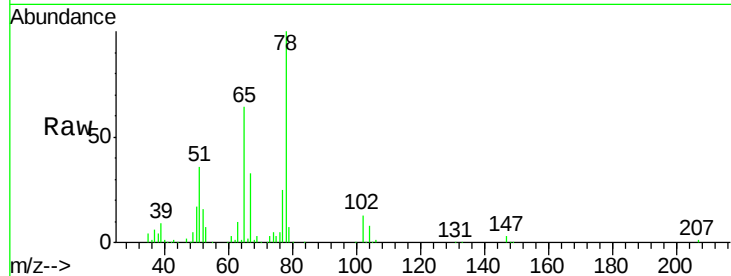
#33
 1,2-Dichloroethane-d4
 Concen: 57.051 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	130360		
67	49.4	0.0	101.6	

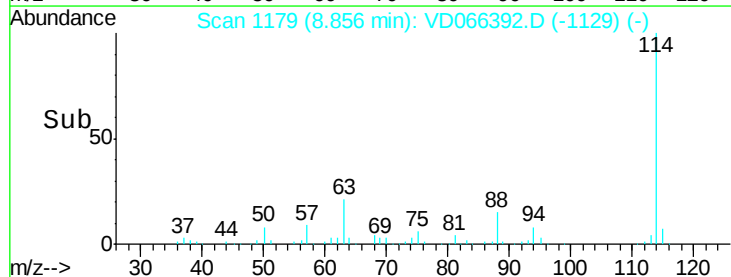
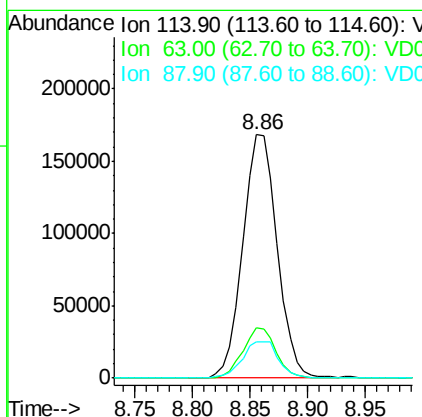
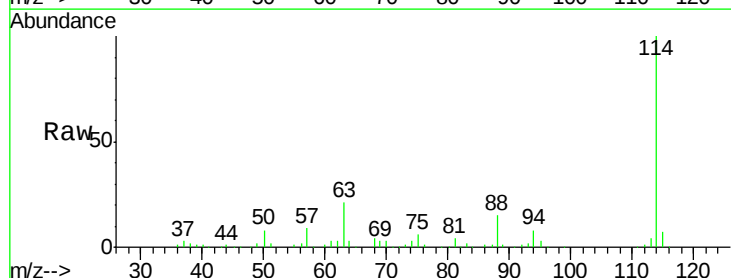
Manual Integrations
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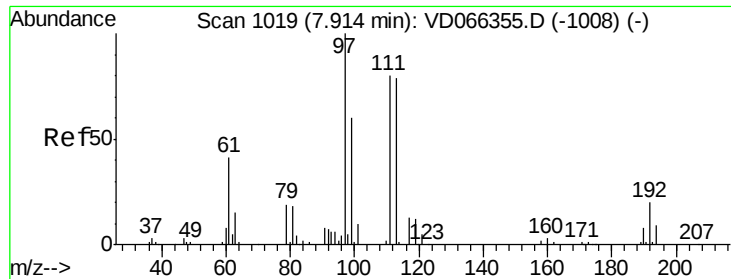
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	349788		
63	20.5	0.0	40.8	
88	15.0	0.0	35.4	





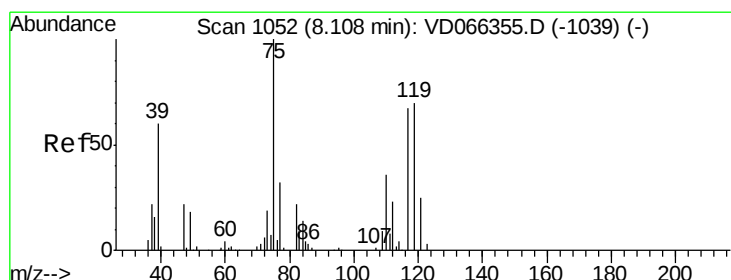
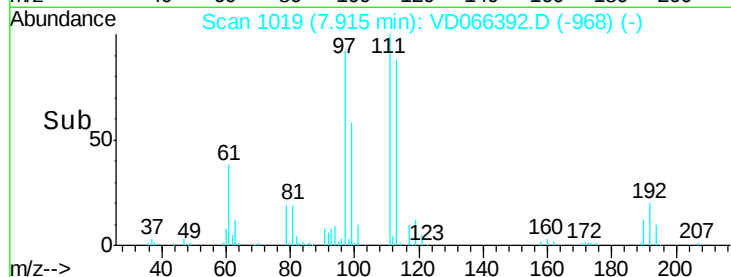
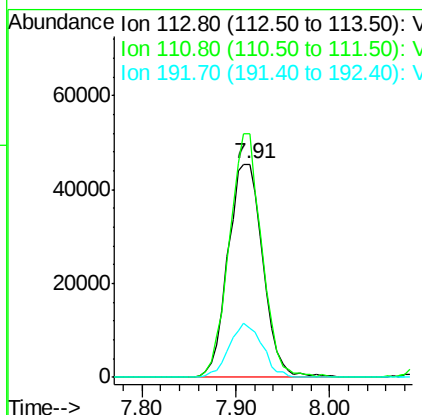
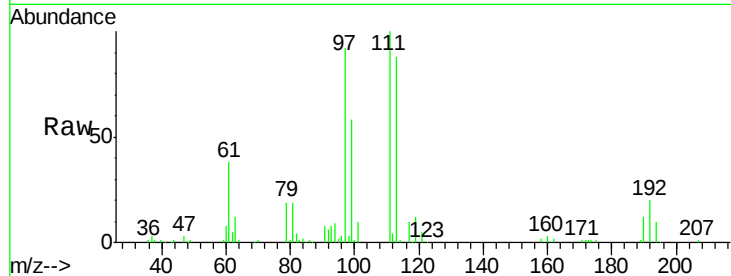
#35
Dibromofluoromethane
Concen: 53.642 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	117330		
111	106.3	80.3	120.5	
192	24.0	19.0	28.6	

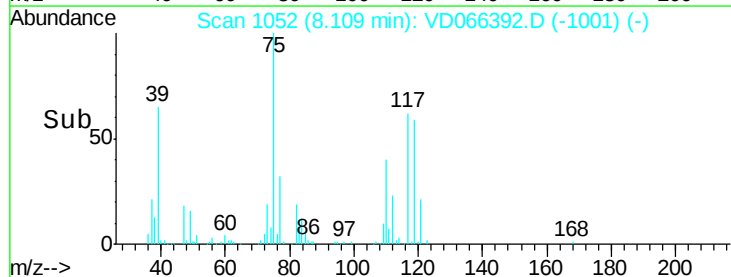
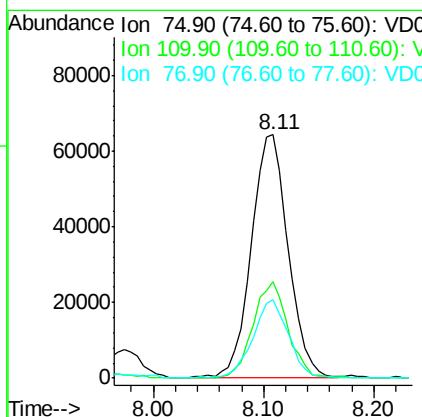
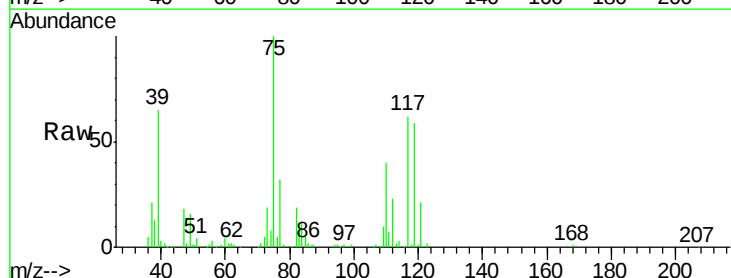
Manual Integrations
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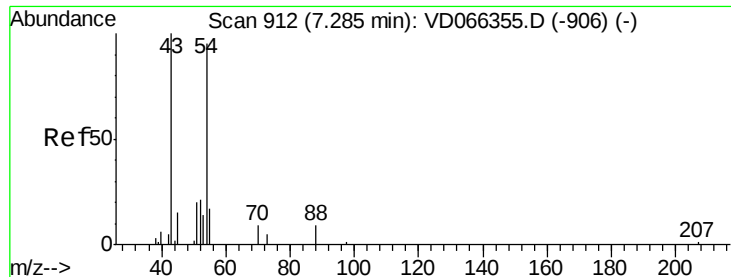
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#36
1,1-Dichloropropene
Concen: 47.295 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	150947		
110	37.3	18.7	56.1	
77	31.3	25.2	37.8	





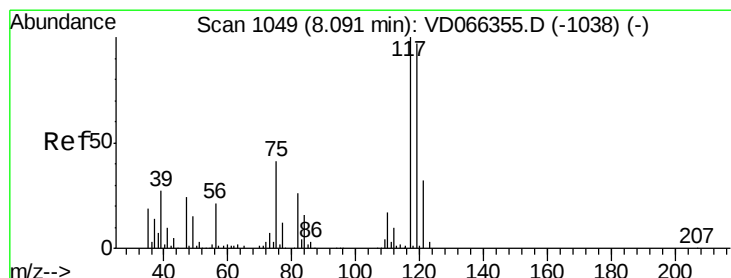
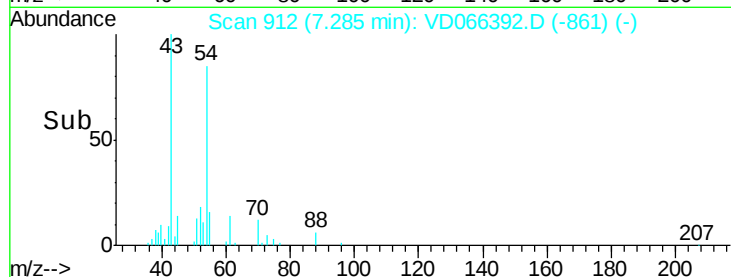
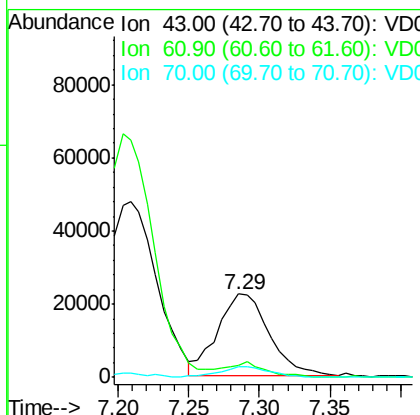
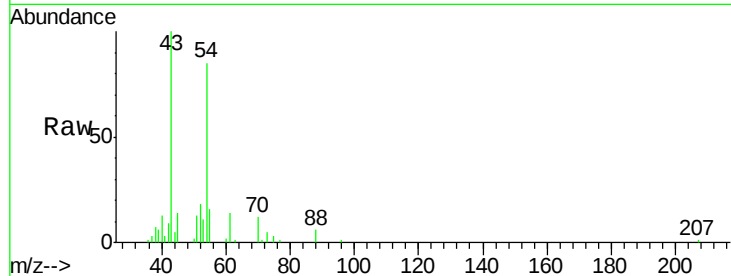
#37
Ethyl Acetate
Concen: 52.679 ug/l
RT: 7.29 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	13.3	19.9
70	12.5	3.5	5.3

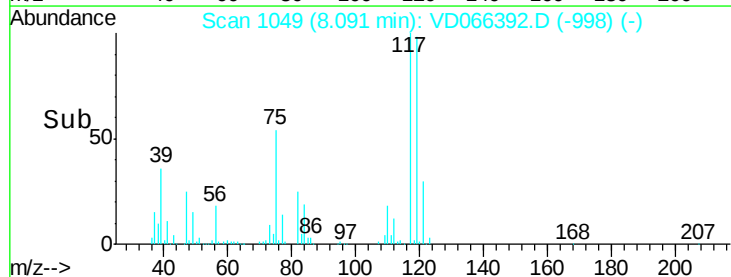
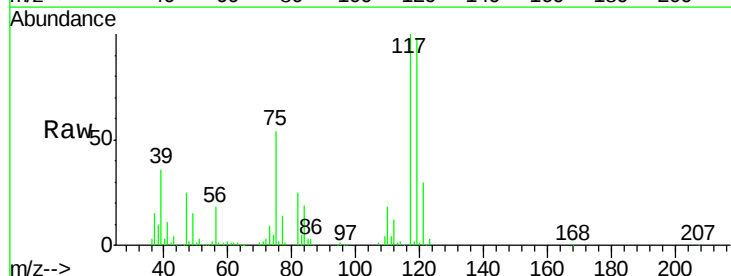
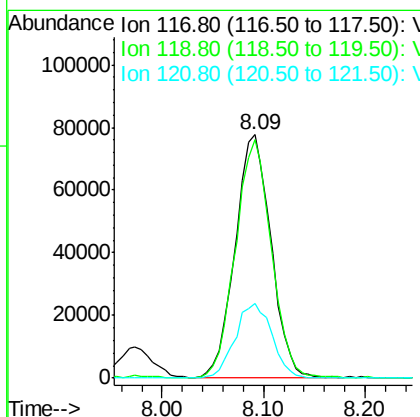
Manual Integrations
APPROVED

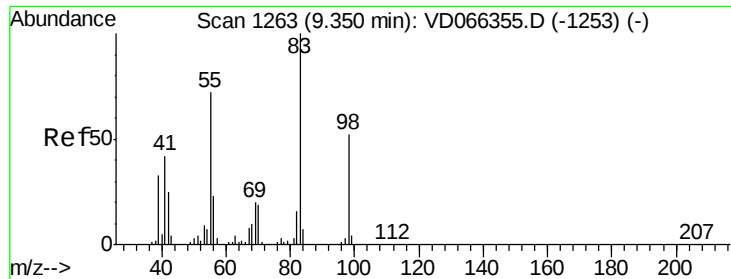
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#38
Carbon Tetrachloride
Concen: 45.647 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.2	115.8
121	30.6	25.8	38.8





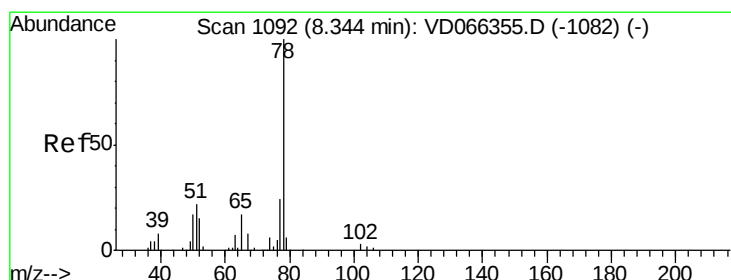
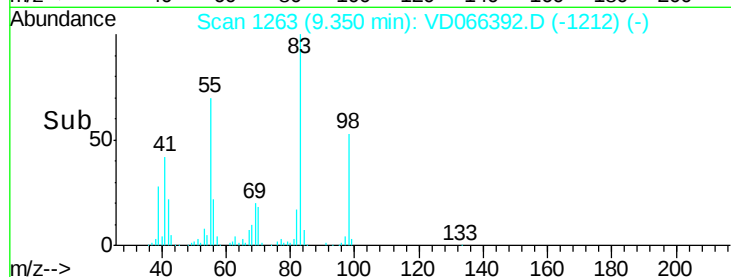
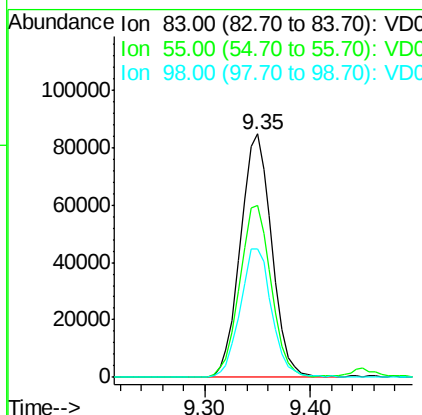
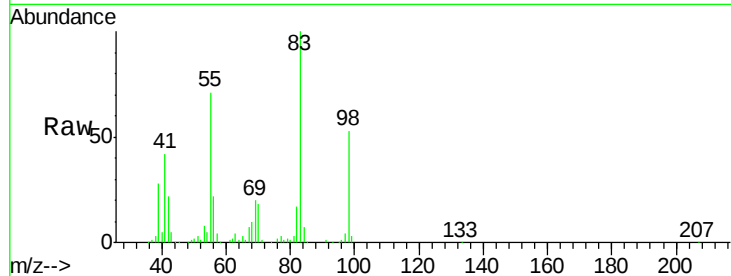
#39
Methvlcvclohexane
Concen: 46.530 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.6	58.0	87.0
98	52.9	41.9	62.9

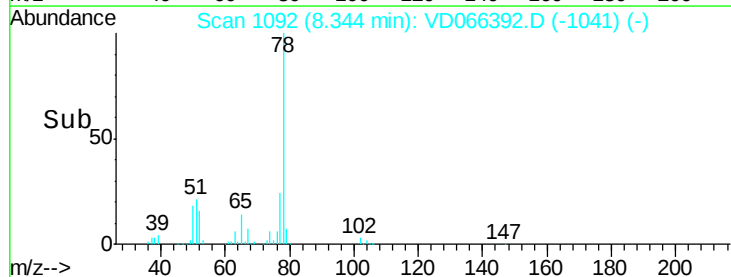
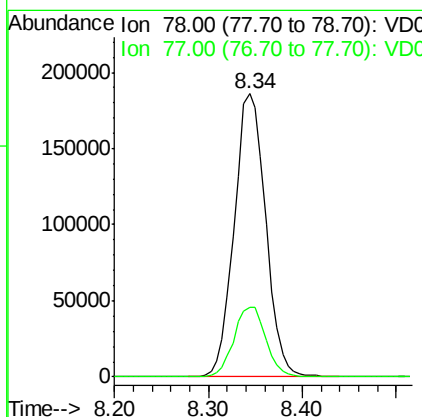
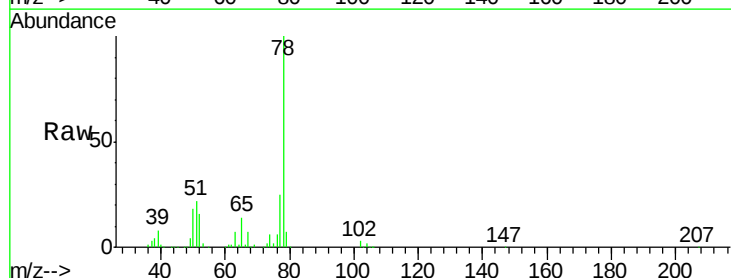
Manual Integrations
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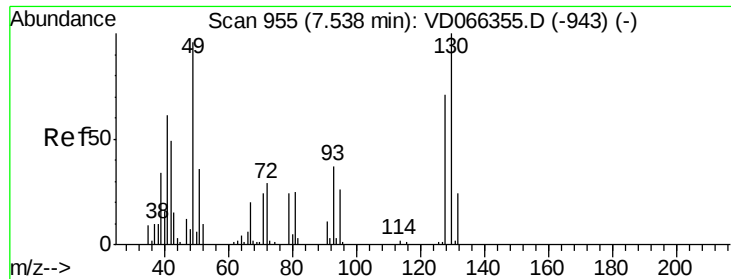
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#40
Benzene
Concen: 51.491 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





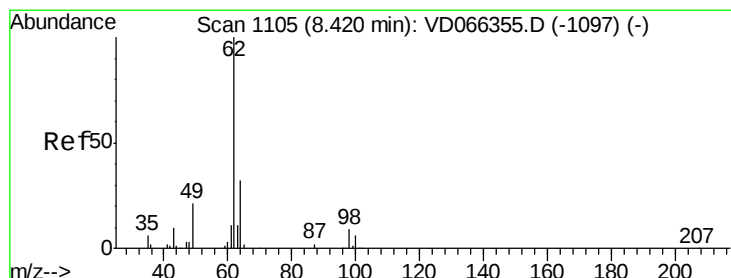
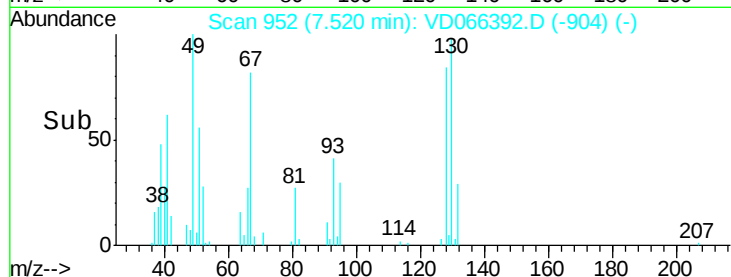
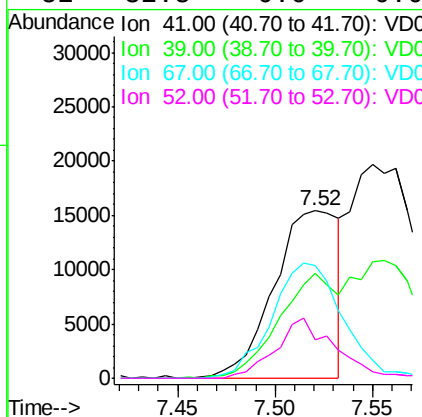
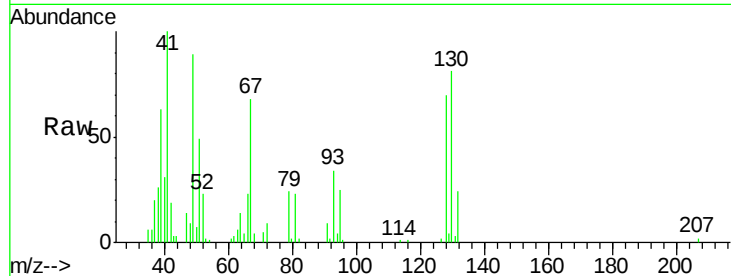
#41
Methacrylonitrile
Concen: 53.036 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	35503
Ion	Ratio	Lower	Upper
41	100		
39	56.0	51.8	77.8
67	75.4	0.0	0.0#
52	32.8	0.0	0.0#

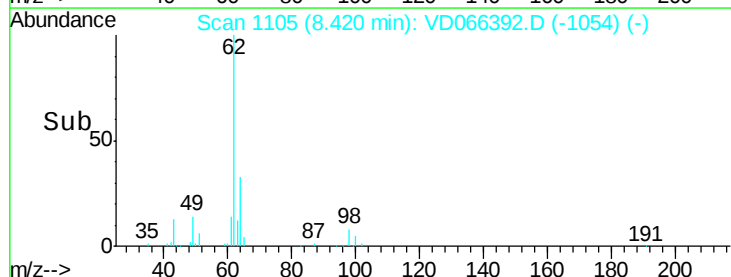
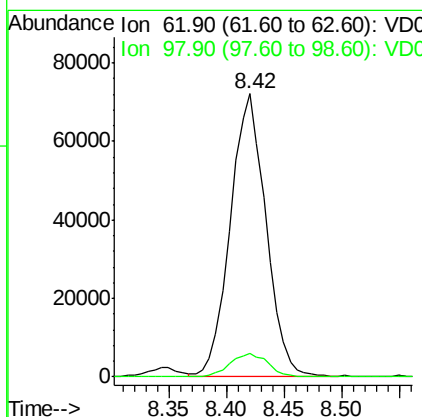
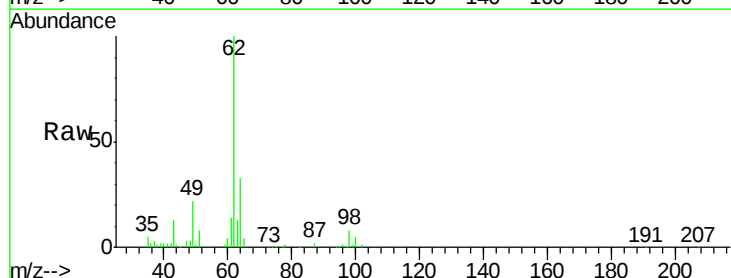
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 51.900 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion:	62	Resp:	153473
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 54.280 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

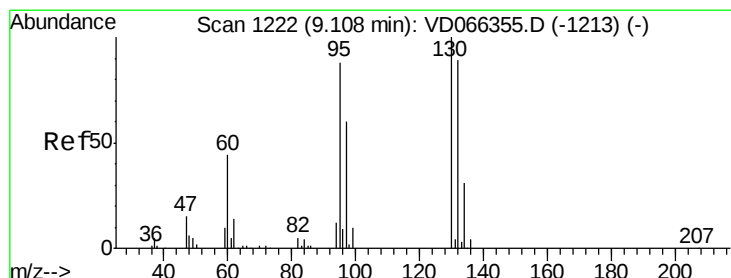
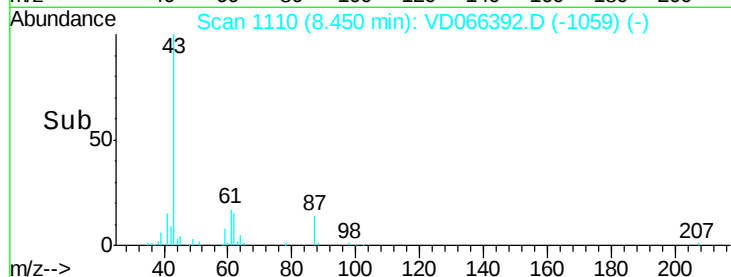
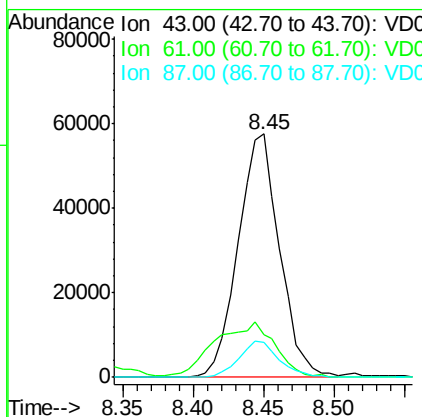
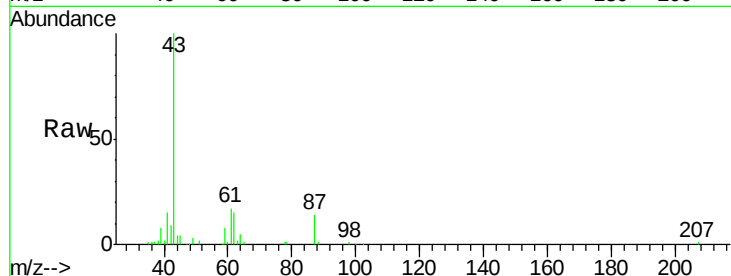
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	118263
Ion	Ratio	Lower	Upper
43	100		
61	33.1	26.5	39.7
87	14.5	11.9	17.9

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#44

Trichloroethene

Concen: 50.398 ug/l

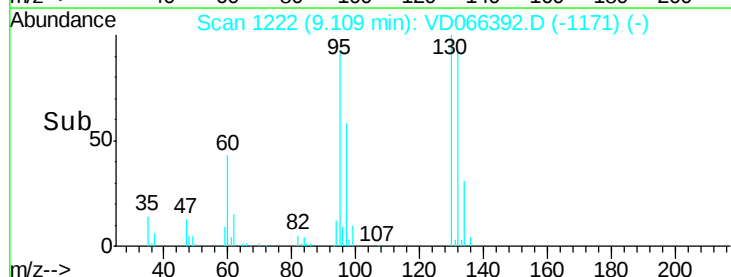
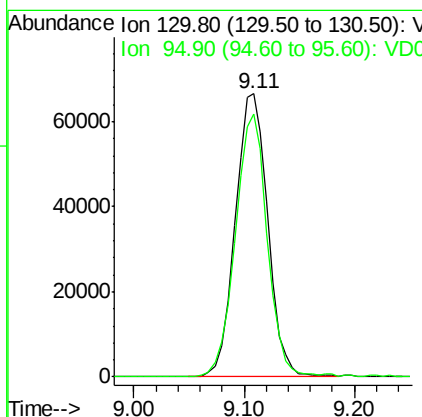
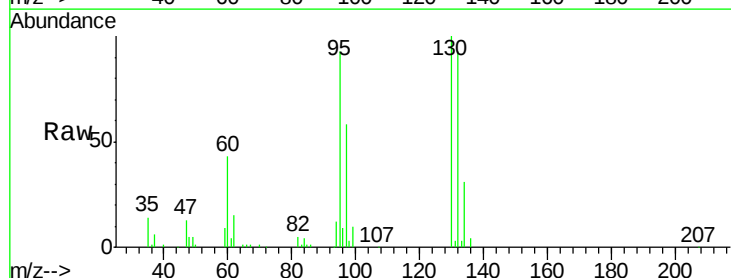
RT: 9.11 min Scan# 1222

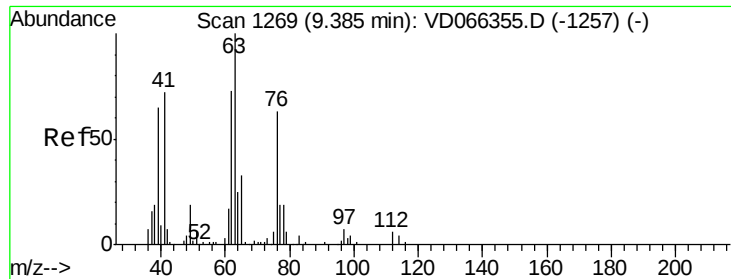
Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Tgt Ion:	130	Resp:	137497
Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	175.6





#45

1,2-Dichloropropane

Concen: 52.075 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 99121

Ion Ratio Lower Upper

63 100

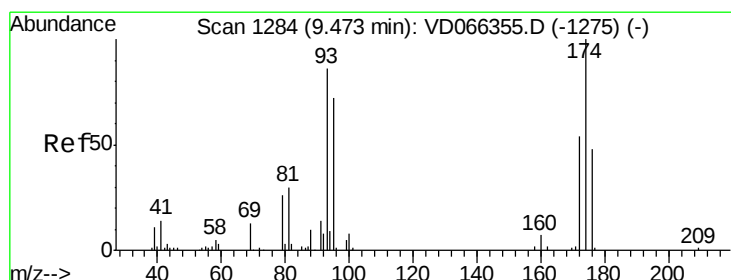
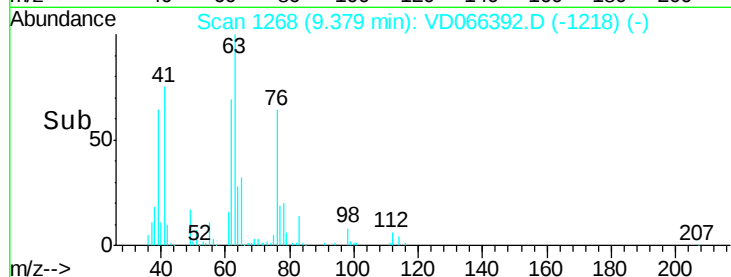
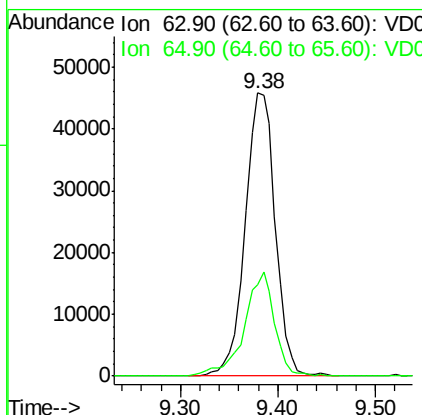
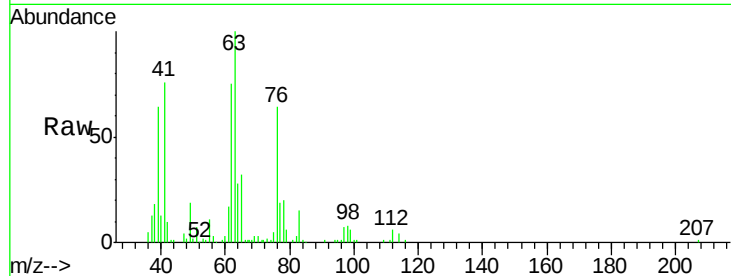
65 32.4 26.4 39.6

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#46

Dibromomethane

Concen: 54.574 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

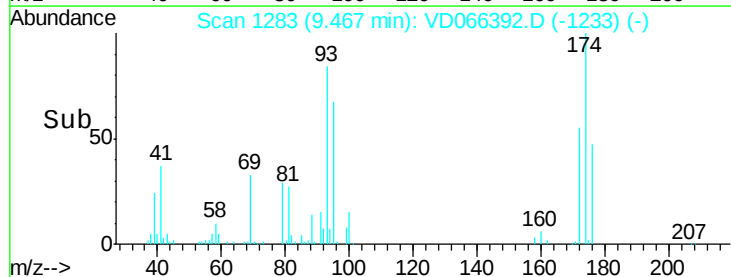
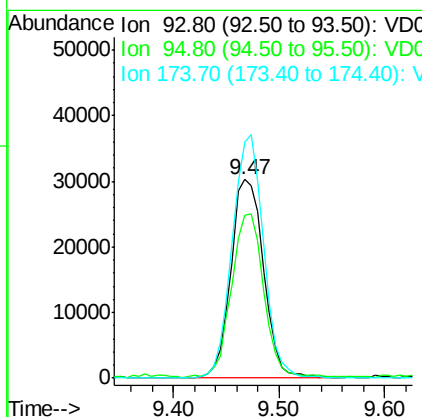
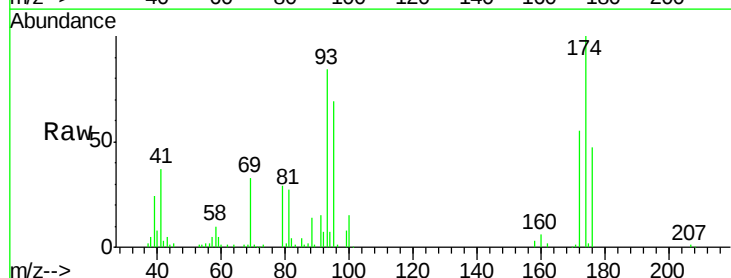
Tgt Ion: 93 Resp: 64677

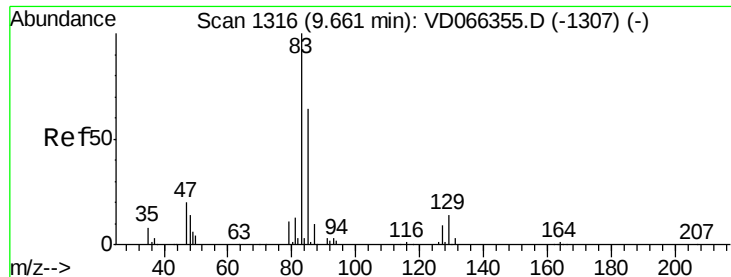
Ion Ratio Lower Upper

93 100

95 83.3 66.0 99.0

174 117.1 94.6 141.8





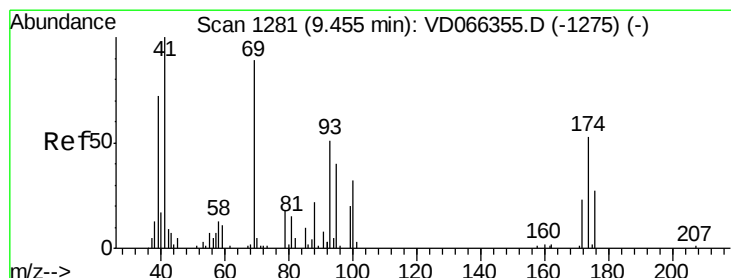
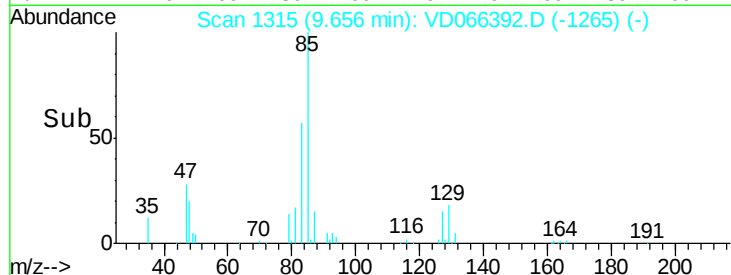
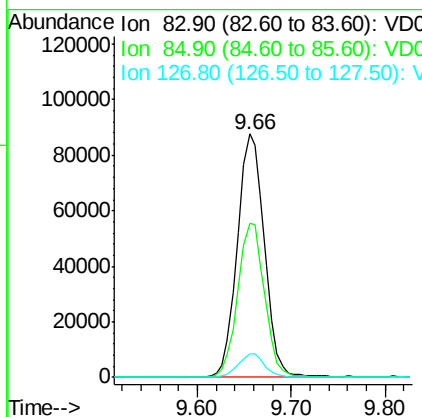
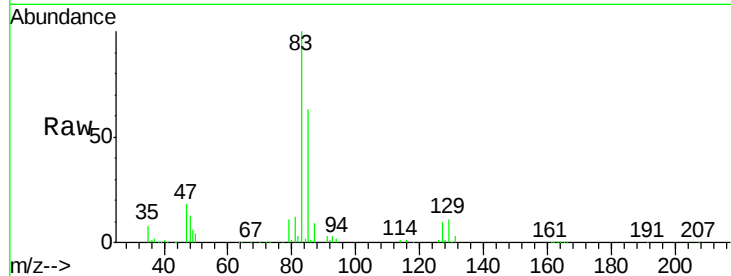
#47
Bromodichloromethane
Concen: 53.714 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	175062		
85	63.2	51.4	77.0	
127	9.5	7.4	11.0	

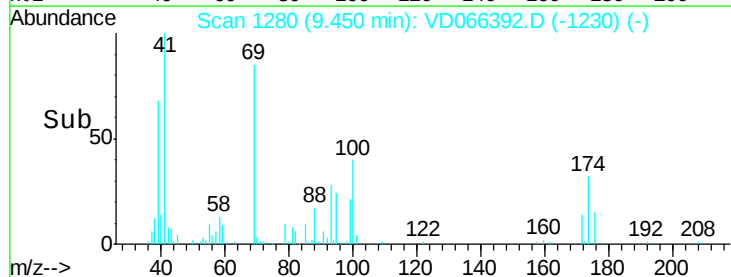
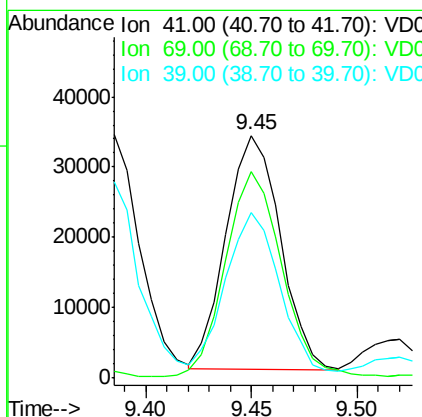
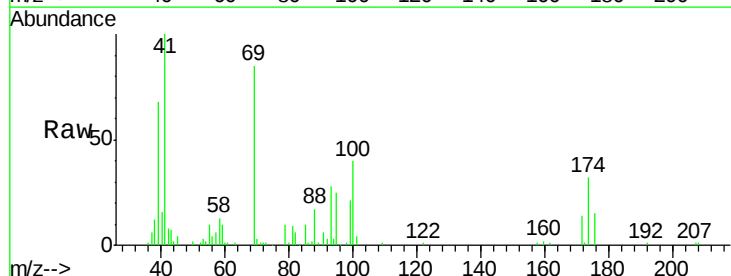
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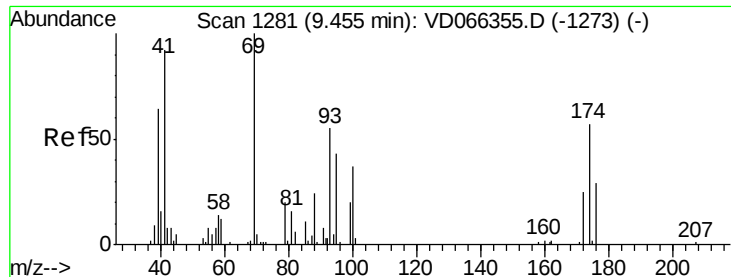
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#48
Methyl methacrylate
Concen: 52.821 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	59346		
69	91.5	75.5	113.3	
39	66.4	57.0	85.4	





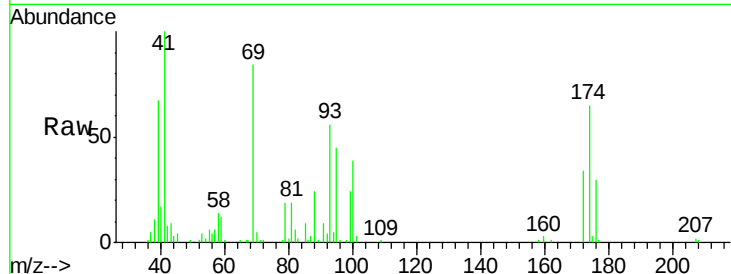
#49
1,4-Dioxane
Concen: 1093.880 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	29.4	44.0
58	65.2	45.4	68.2

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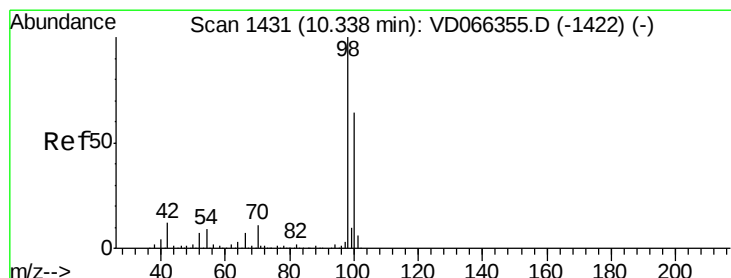
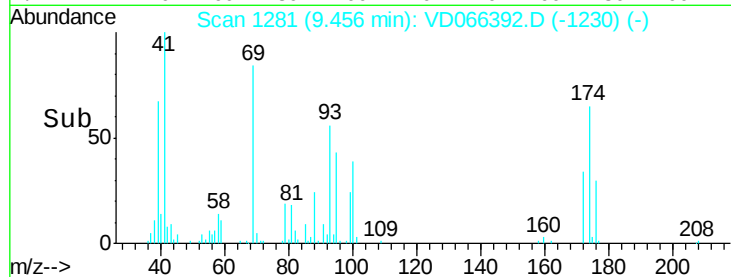
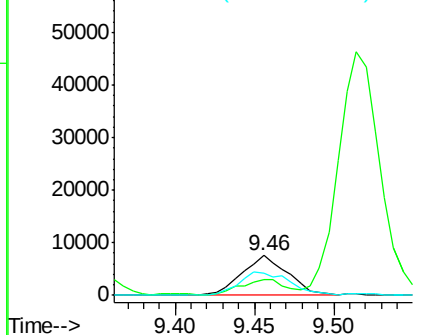


Abundance

Ion 88.00 (87.70 to 88.70): VDC

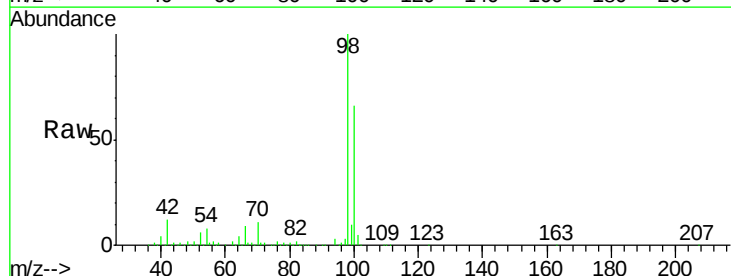
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 54.408 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

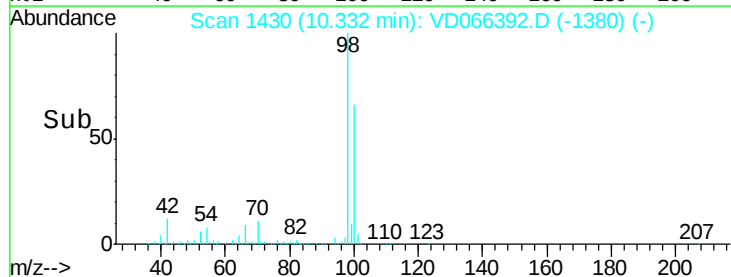
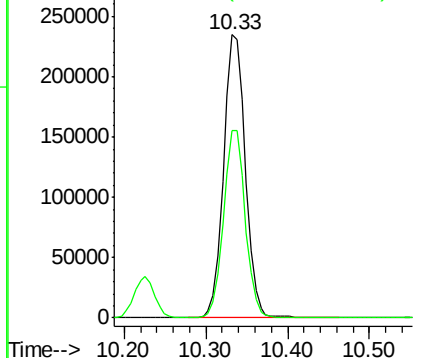
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

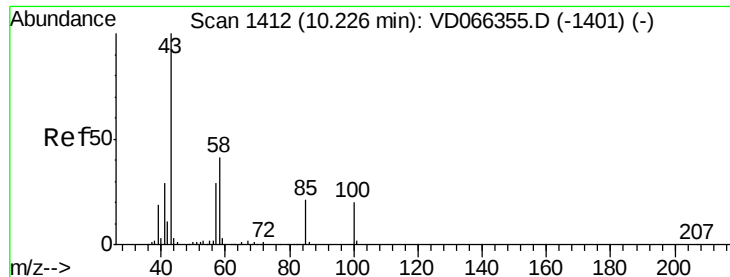


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 277.235 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 292207

Ion Ratio Lower Upper

43 100

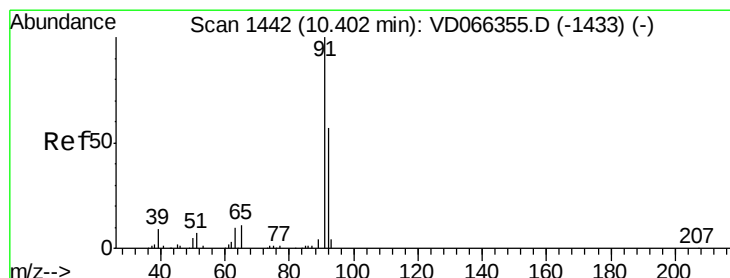
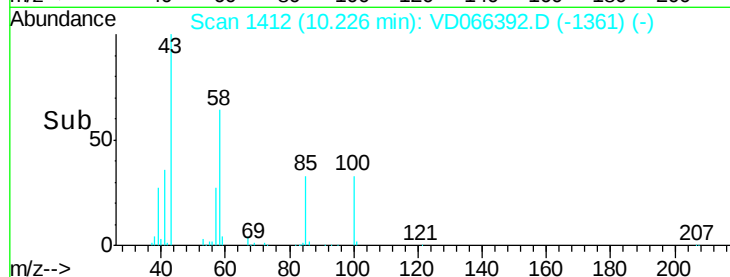
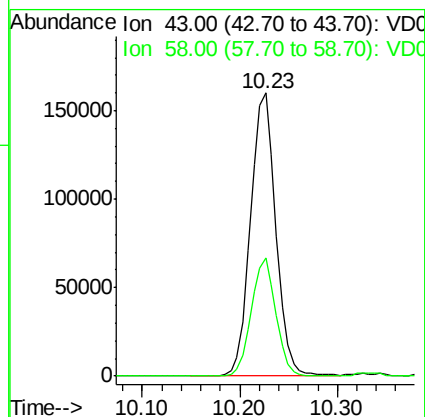
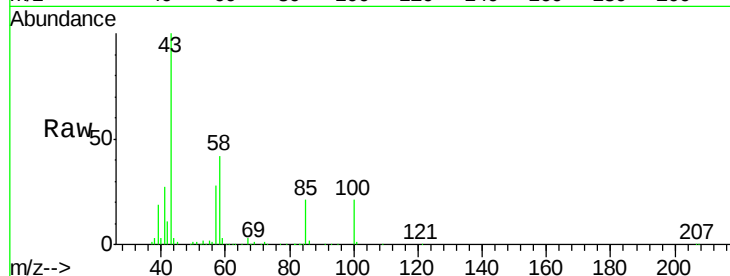
58 40.3 31.4 47.2

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#52

Toluene

Concen: 51.729 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066392.D

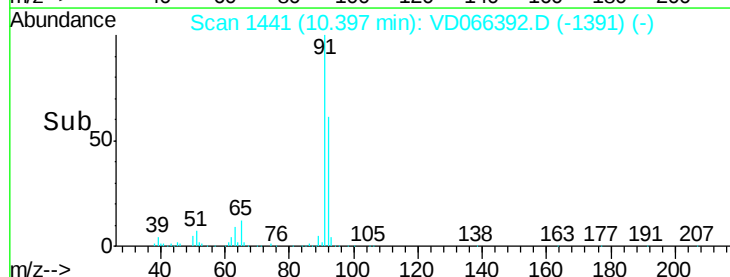
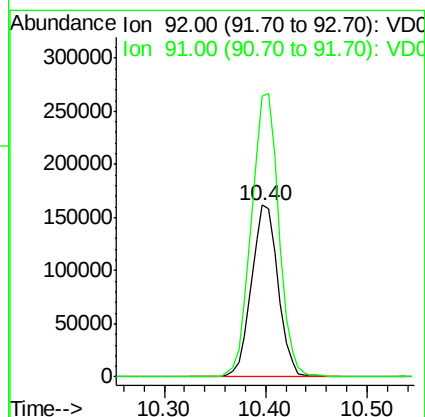
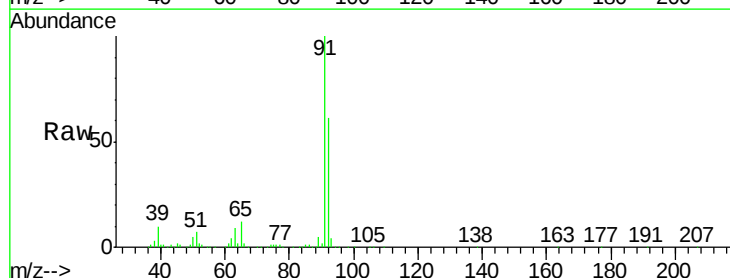
Acq: 24 Aug 2020 20:21

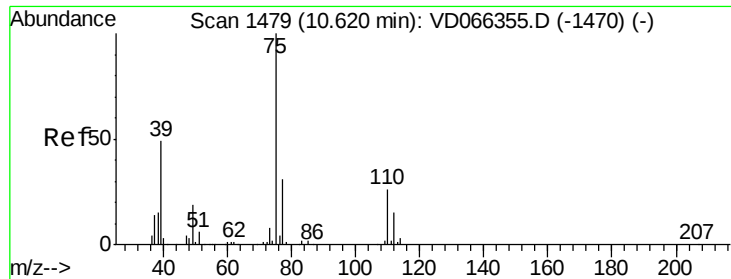
Tgt Ion: 92 Resp: 294252

Ion Ratio Lower Upper

92 100

91 170.7 135.8 203.6





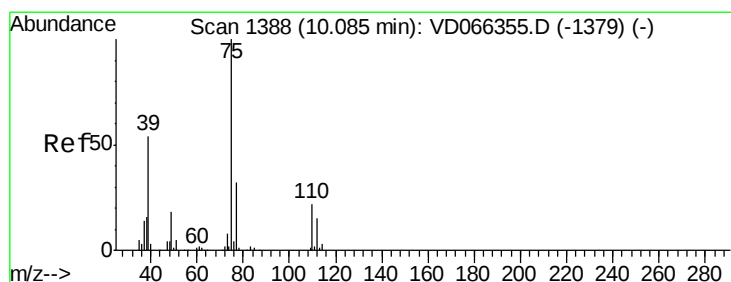
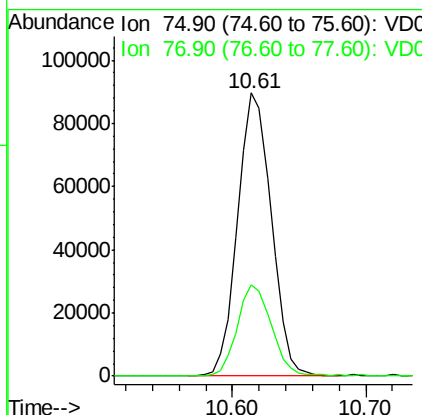
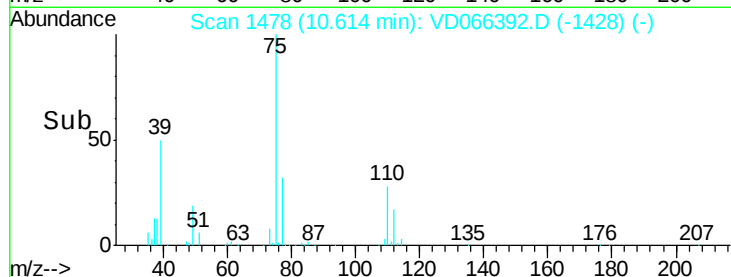
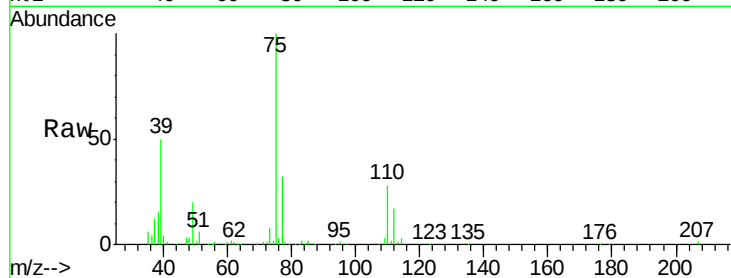
#53
t-1,3-Dichloropropene
Concen: 50.824 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 157173
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7

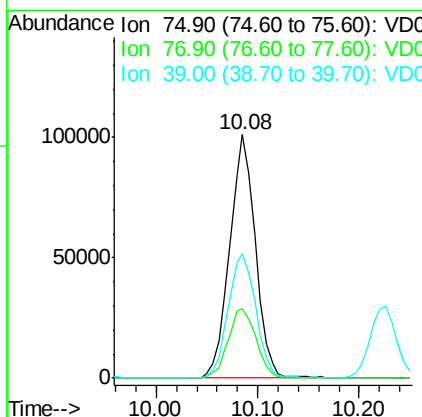
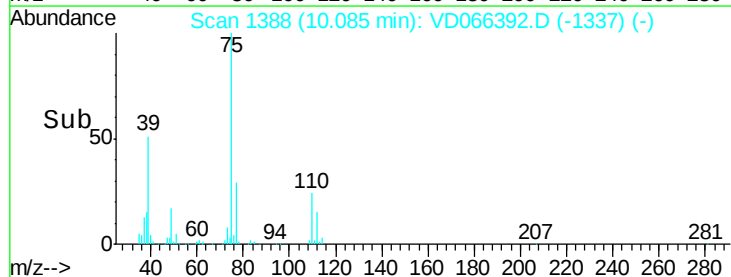
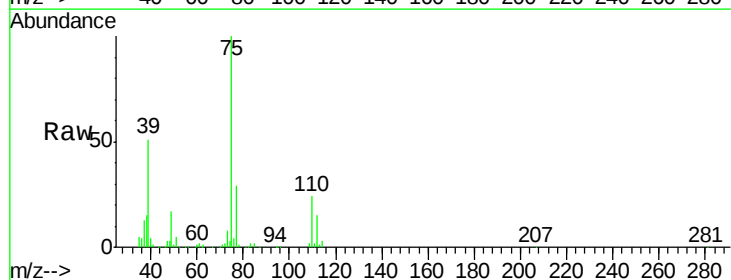
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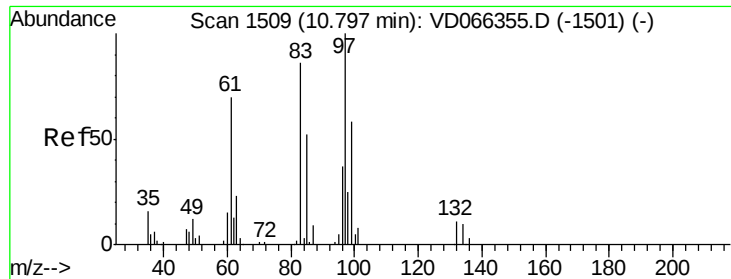
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#54
cis-1,3-Dichloropropene
Concen: 51.380 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion: 75 Resp: 178352
Ion Ratio Lower Upper
75 100
77 28.6 25.6 38.4
39 51.4 43.4 65.0





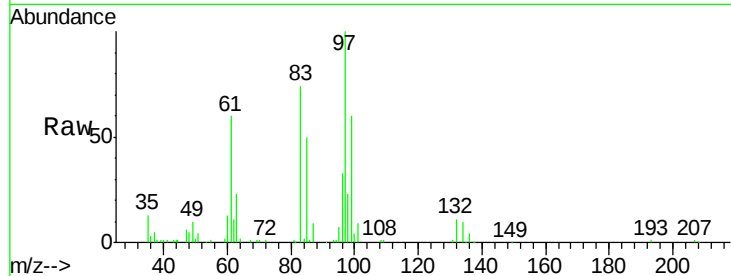
#55
 1,1,2-Trichloroethane
 Concen: 53.601 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

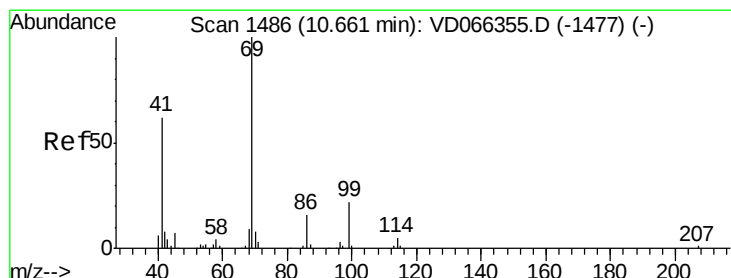
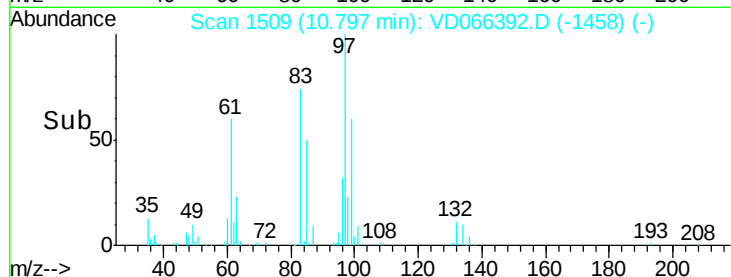
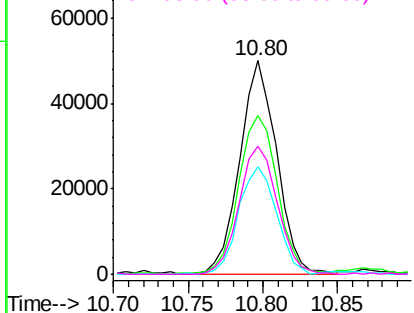
Tot Ion	Ratio	Resp	Lower	Upper
97	100	85996		
83	73.4	68.4	102.6	
85	50.0	41.3	61.9	
99	60.2	46.1	69.1	

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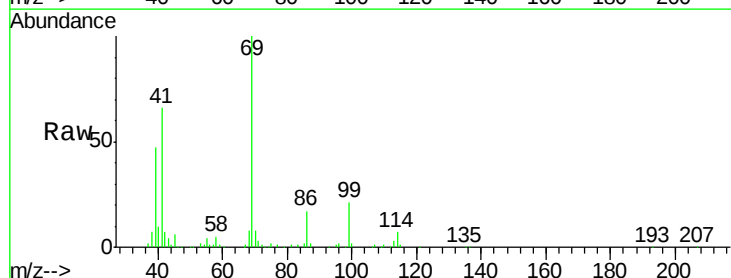


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

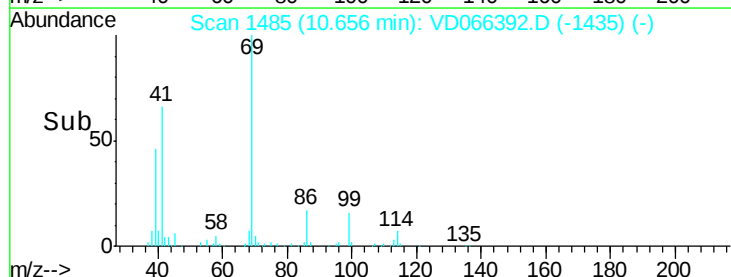
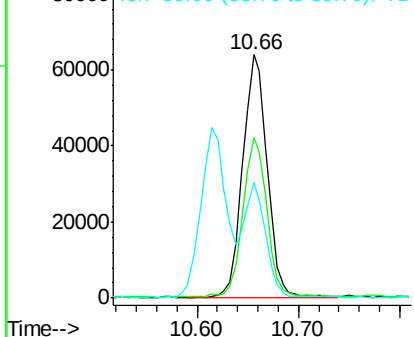


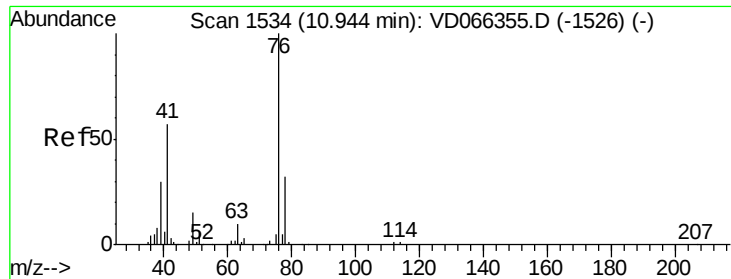
#56
 Ethyl methacrylate
 Concen: 58.355 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	108381		
41	62.8	50.8	76.2	
39	41.2	32.9	49.3	



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





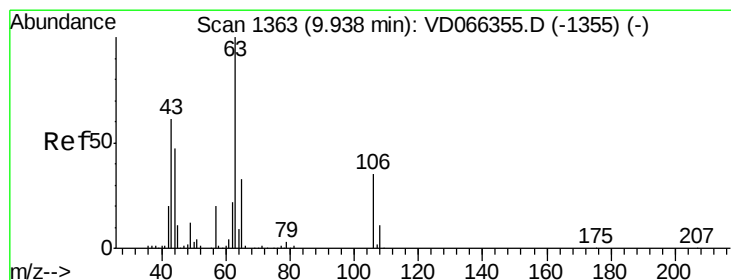
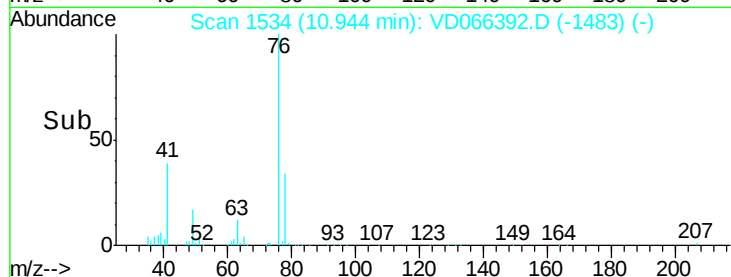
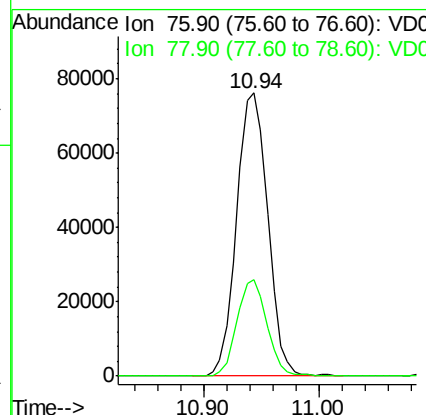
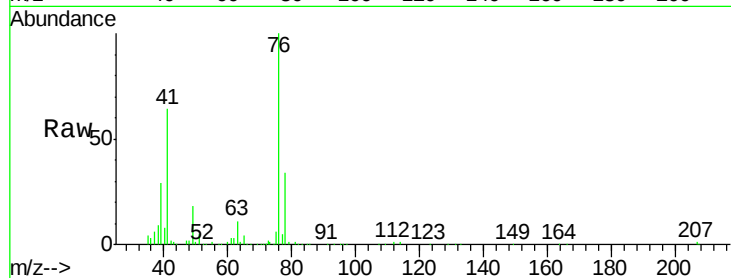
#57
 1,3-Dichloropropane
 Concen: 53.657 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.6	38.4

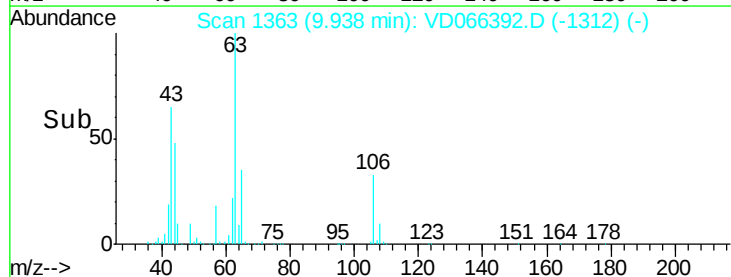
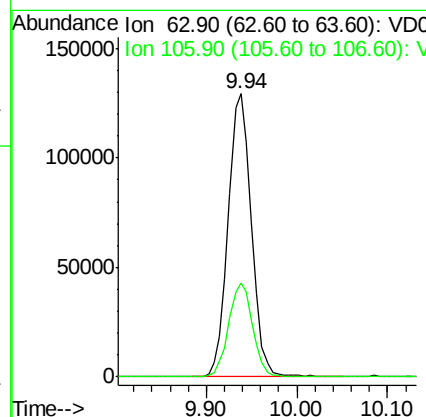
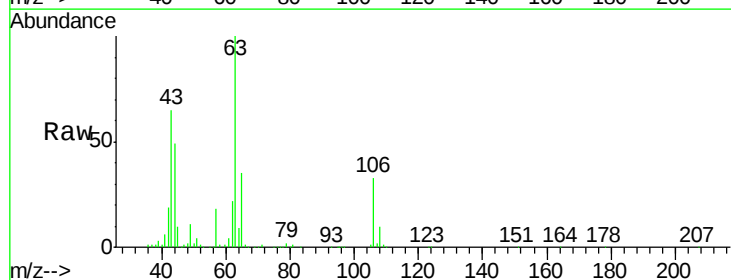
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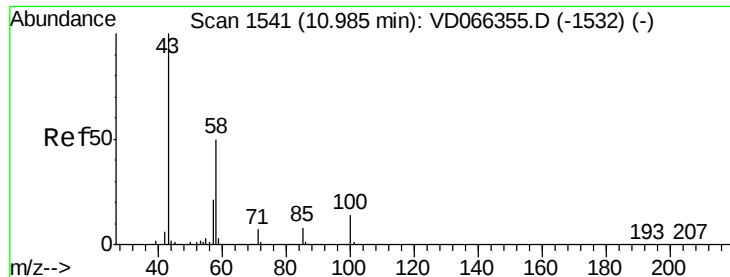
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#58
 2-Chloroethyl Vinyl ether
 Concen: 298.437 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.9	27.1	40.7





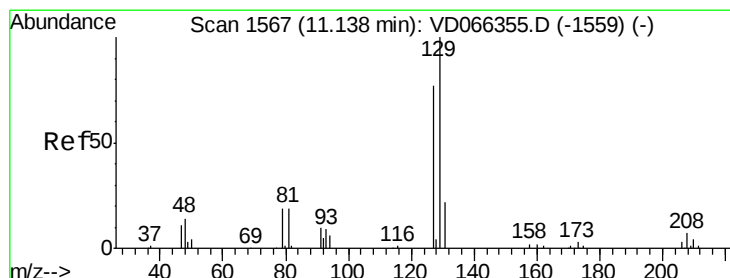
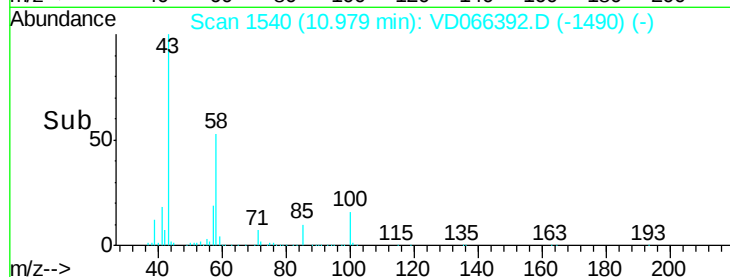
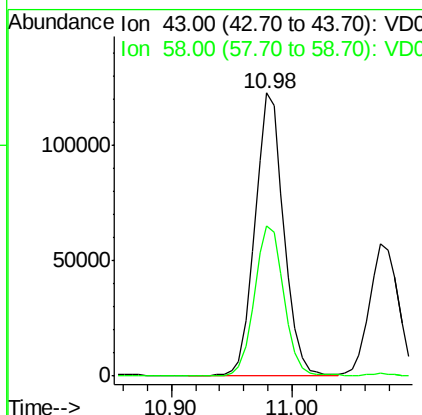
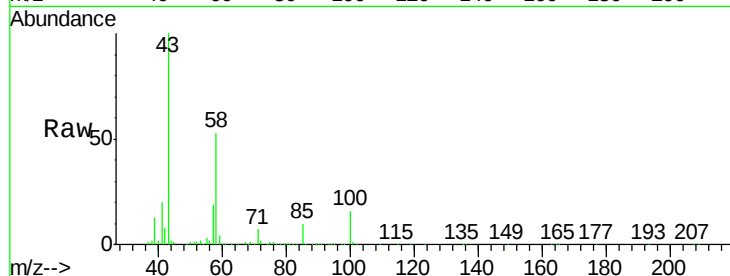
#59
2-Hexanone
Concen: 274.848 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 204338
Ion Ratio Lower Upper
43 100
58 54.1 26.3 78.8

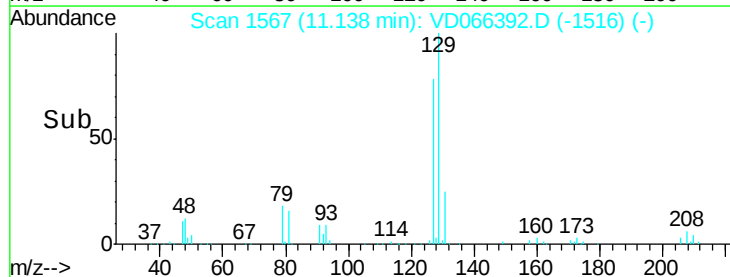
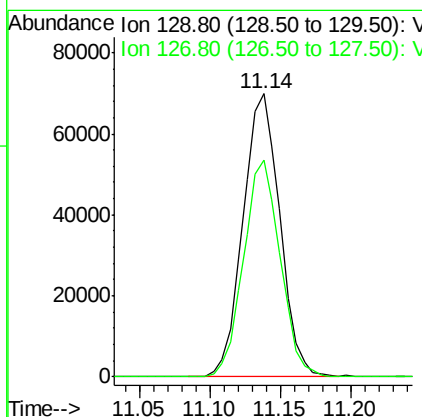
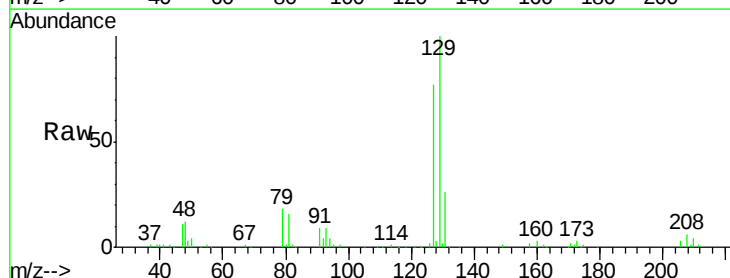
Manual Integrations
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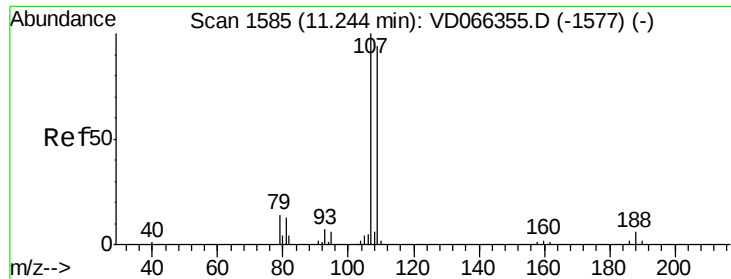
MMDadoda
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#60
Dibromochloromethane
Concen: 53.057 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion:129 Resp: 128310
Ion Ratio Lower Upper
129 100
127 75.9 39.0 117.0





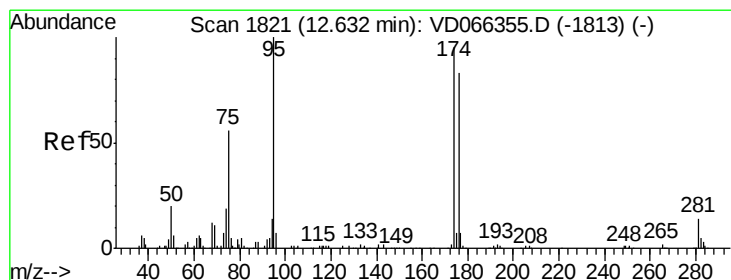
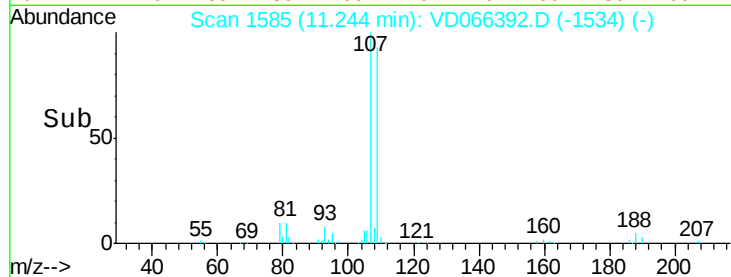
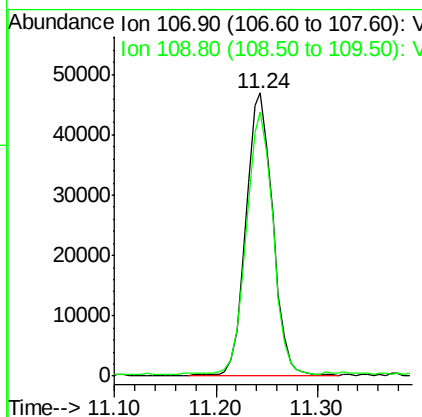
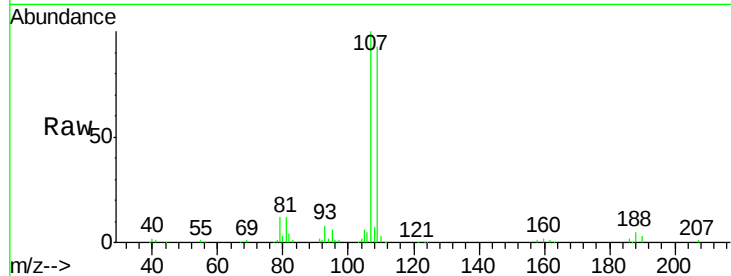
#61
 1,2-Dibromoethane
 Concen: 54.849 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	77.8	116.8

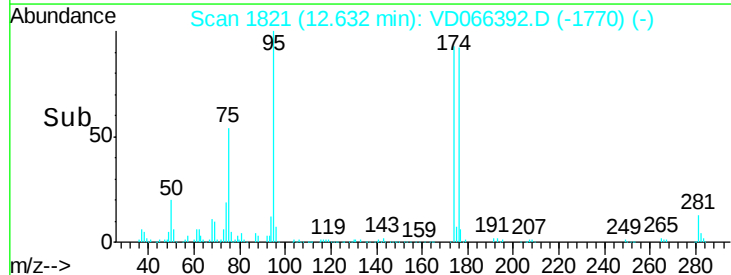
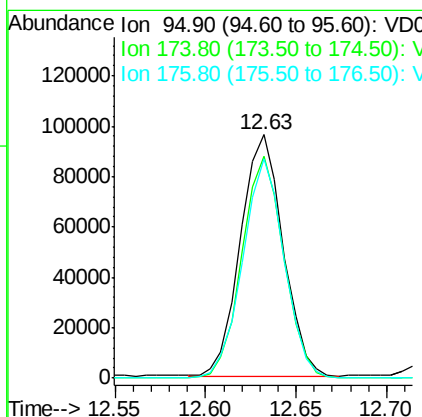
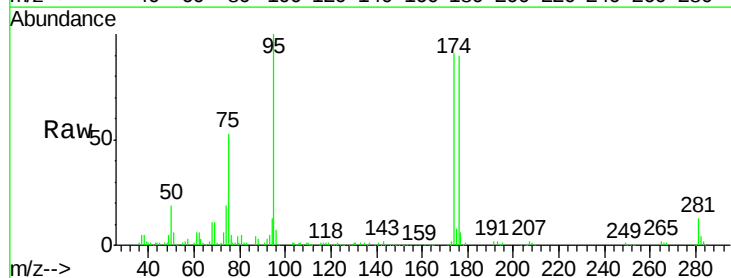
Manual Integrations
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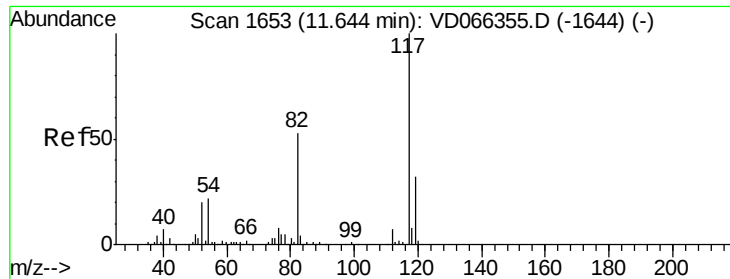
MMDadoda
 8/25/2020 3:33:02 PM



#62
 4-Bromofluorobenzene
 Concen: 55.010 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	183.4
176	88.7	0.0	173.8





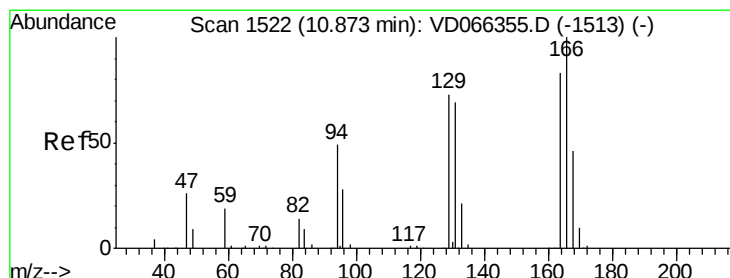
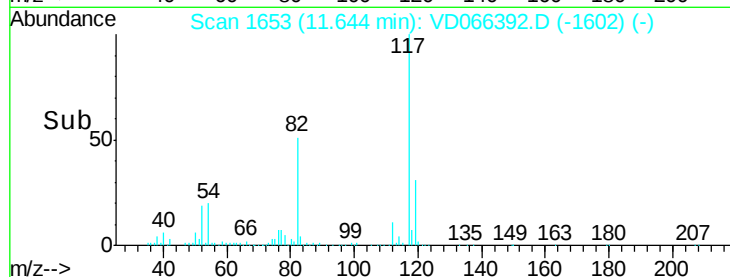
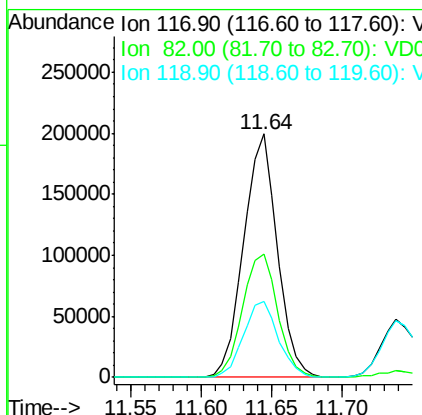
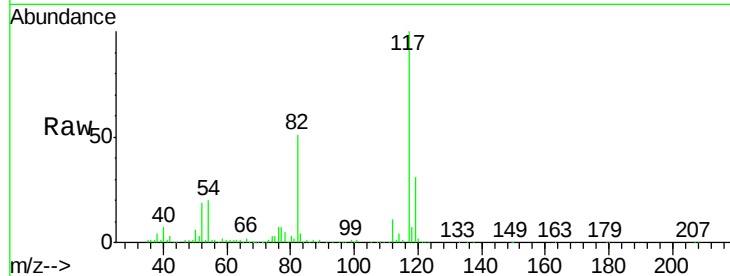
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	333552		
82	50.6	42.8	64.2	
119	31.3	25.8	38.8	

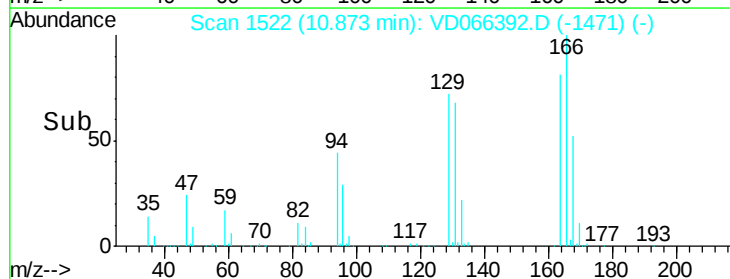
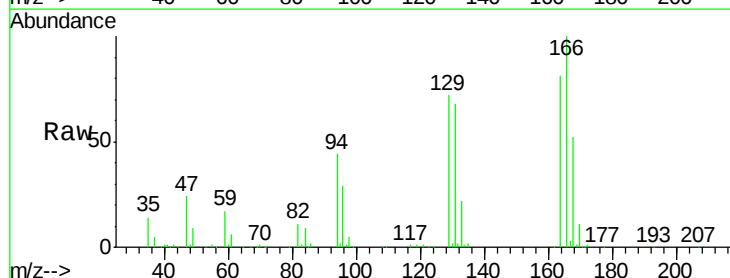
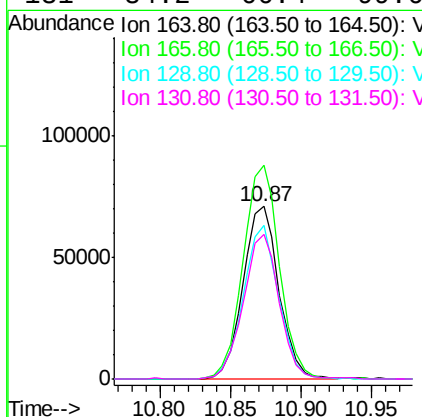
Manual Integrations
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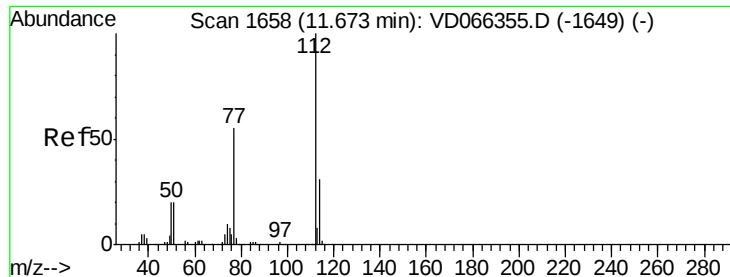
MMDadoda
8/25/2020 3:33:02 PM



#64
Tetrachloroethene
Concen: 49.795 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	125997		
166	123.8	96.2	144.4	
129	89.1	70.3	105.5	
131	84.2	66.4	99.6	





#65

Chlorobenzene

Concen: 49.987 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 331715

Ion Ratio Lower Upper

112 100

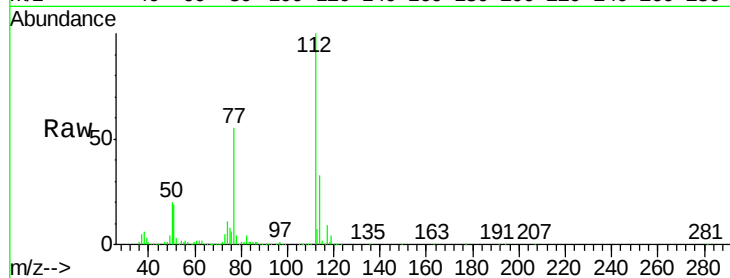
114 32.9 25.1 37.7

Manual Integrations

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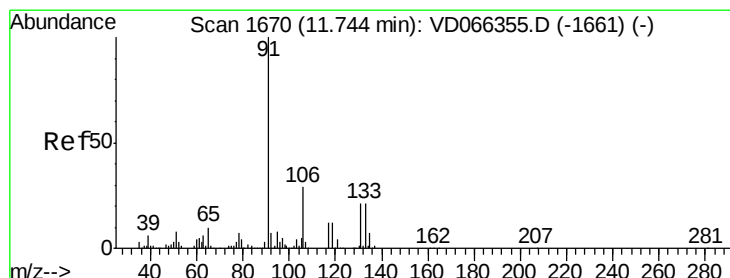
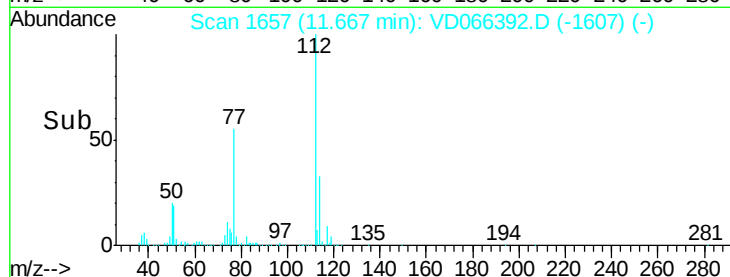
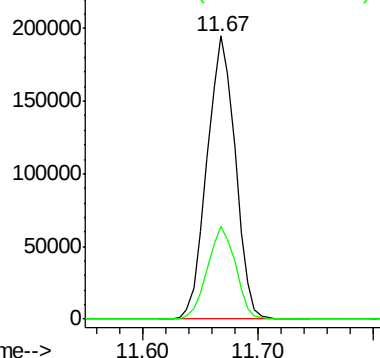
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.637 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

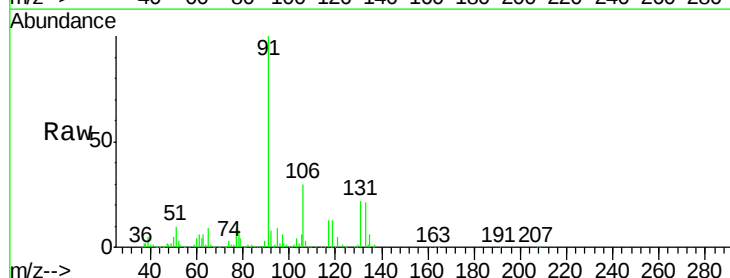
Tgt Ion:131 Resp: 134613

Ion Ratio Lower Upper

131 100

133 95.2 48.6 145.9

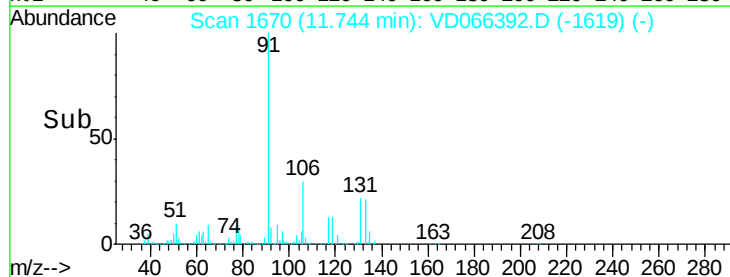
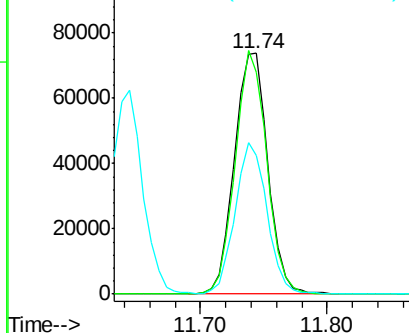
119 59.9 29.0 87.1

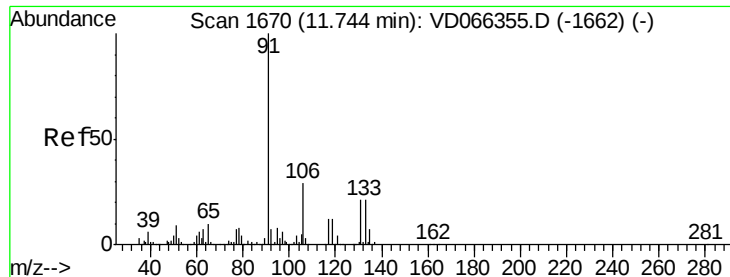


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.952 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 571812

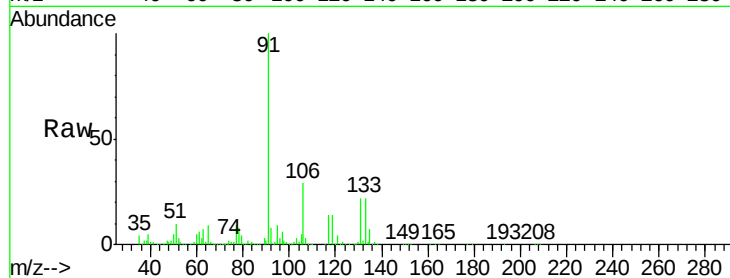
Ion Ratio Lower Upper

91 100

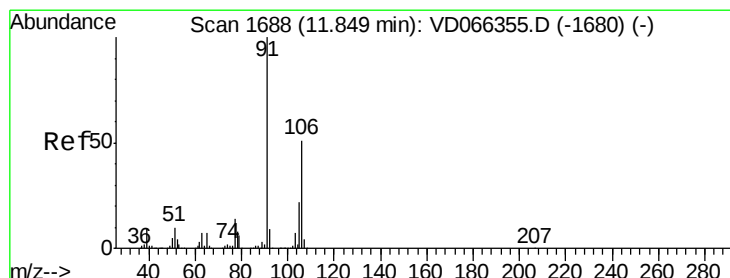
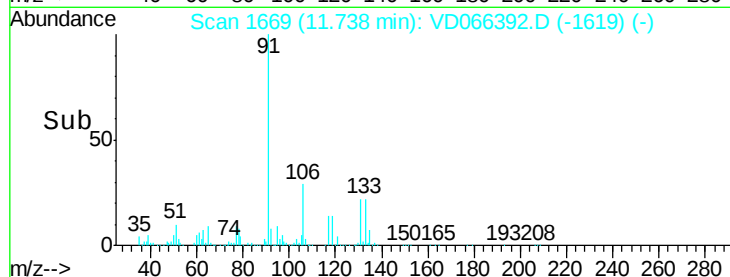
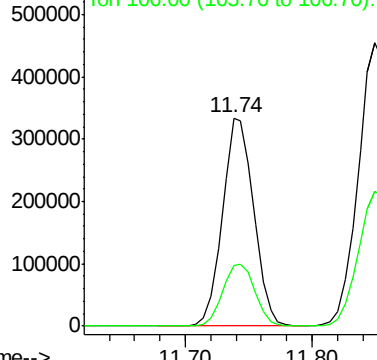
106 29.3 23.4 35.2

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Abundance Ion 91.00 (90.70 to 91.70): VD066392.D (-1619) (-)



#68

m/p-Xylenes

Concen: 95.940 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066392.D

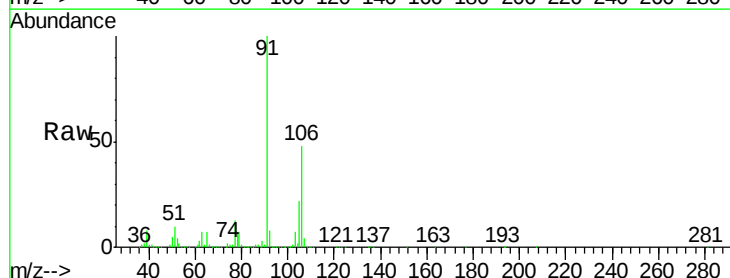
Acq: 24 Aug 2020 20:21

Tgt Ion: 106 Resp: 427153

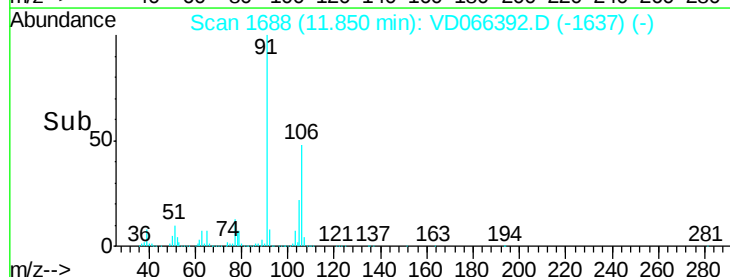
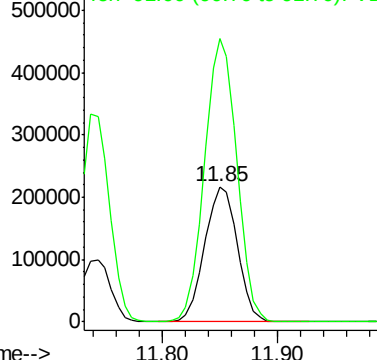
Ion Ratio Lower Upper

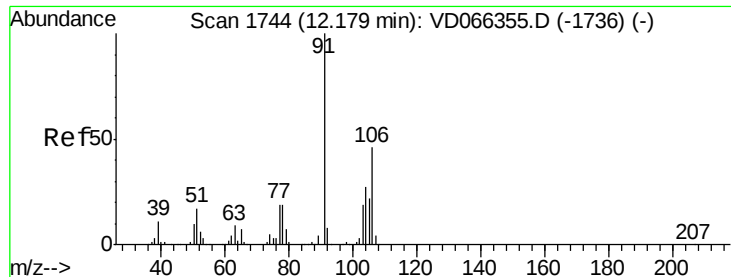
106 100

91 205.7 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066392.D (-1637) (-)





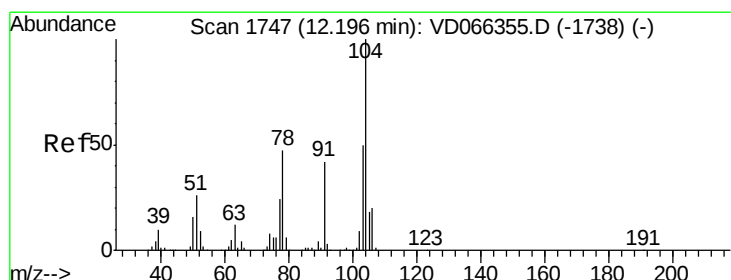
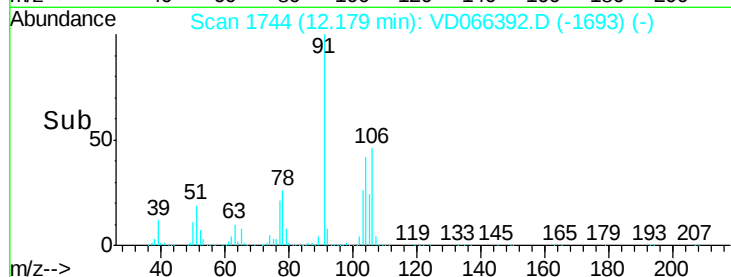
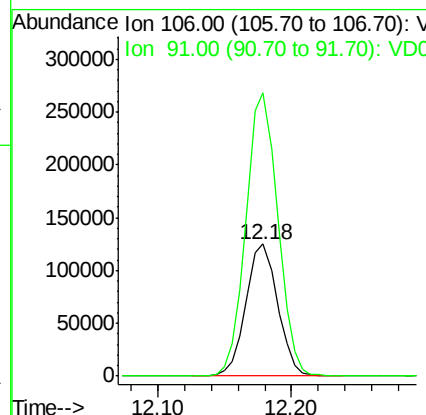
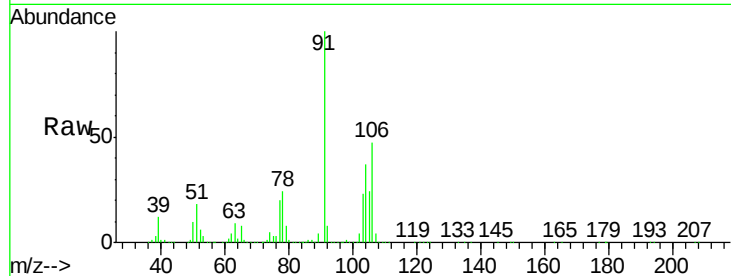
#69
o-Xylene
Concen: 49.572 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		205325		
91	215.1	109.1	327.3		

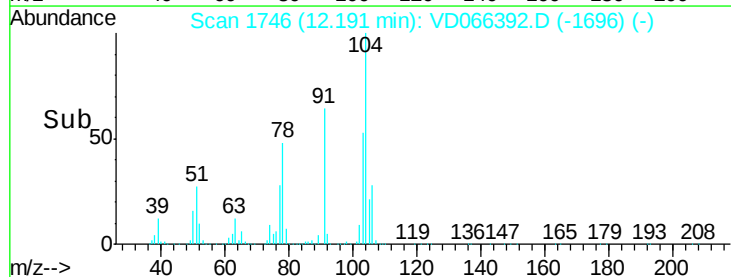
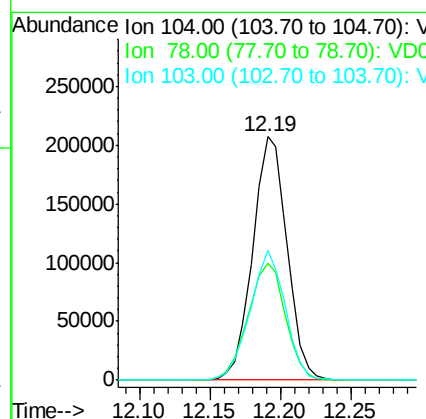
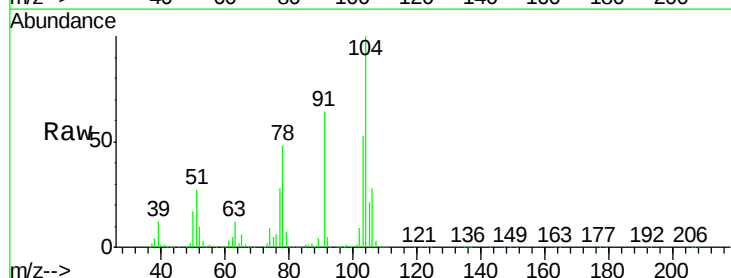
Manual Integrations
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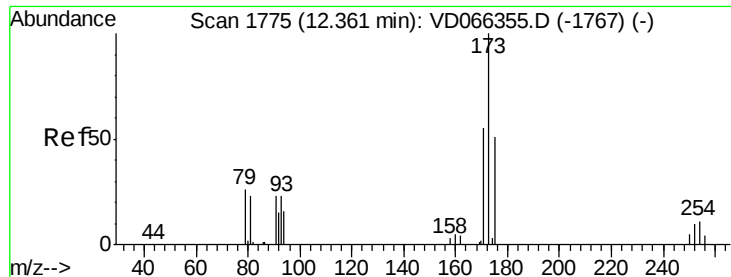
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#70
Styrene
Concen: 49.817 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		354297		
78	52.8	41.7	62.5		
103	54.6	43.5	65.3		





#71

Bromoform

Concen: 51.170 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 78730

Ion Ratio Lower Upper

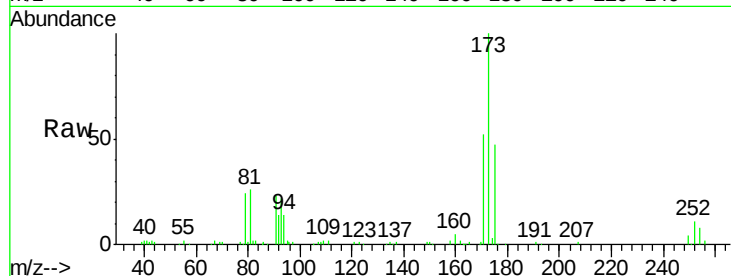
173 100

175 48.4 24.8 74.3

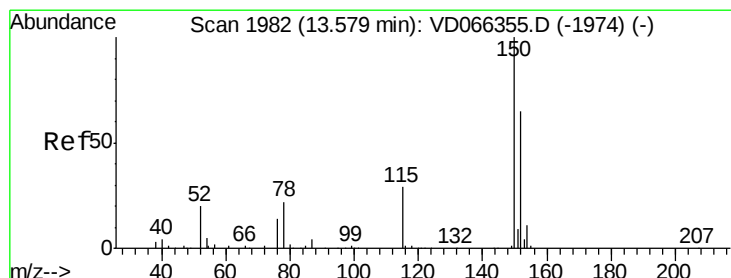
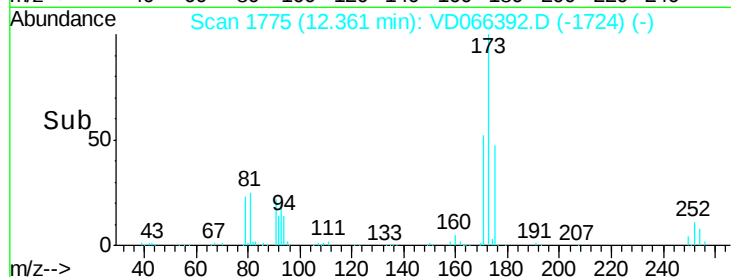
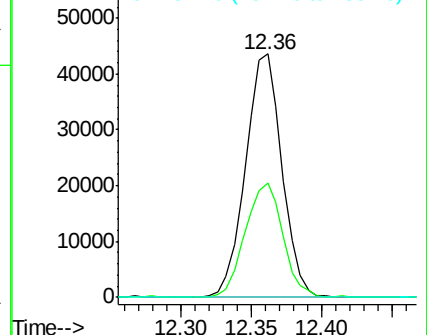
254 0.0 0.0 0.0

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: 13.57 min Scan# 1981

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

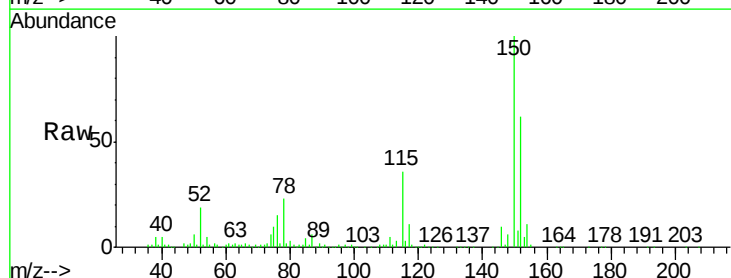
Tgt Ion:152 Resp: 164229

Ion Ratio Lower Upper

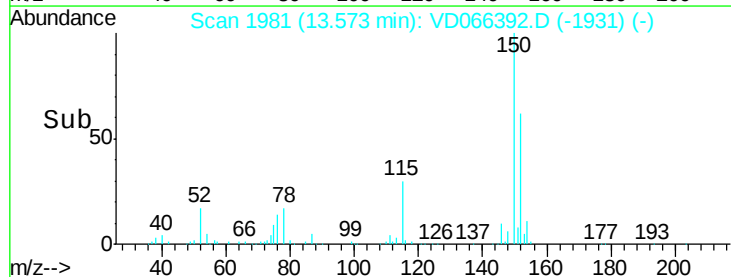
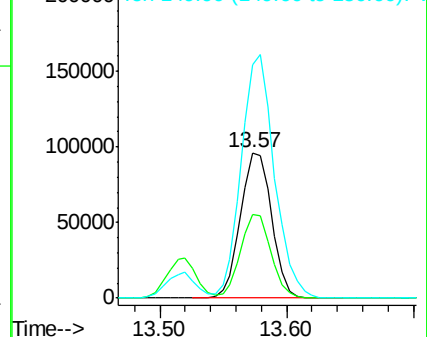
152 100

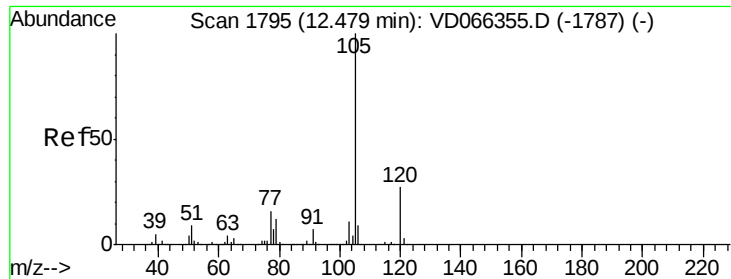
115 55.6 28.3 85.0

150 177.2 0.0 343.2



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





#73

Isopropylbenzene

Concen: 51.413 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 565628

Ion Ratio Lower Upper

105 100

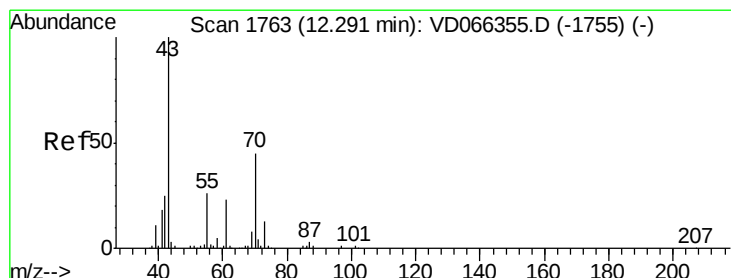
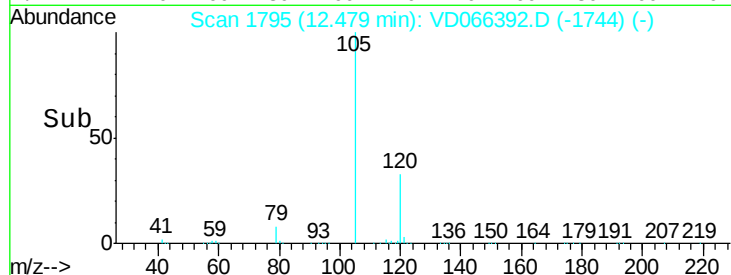
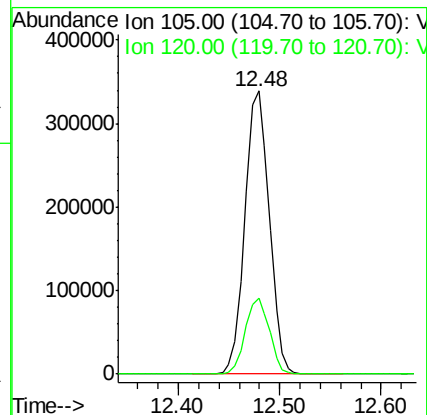
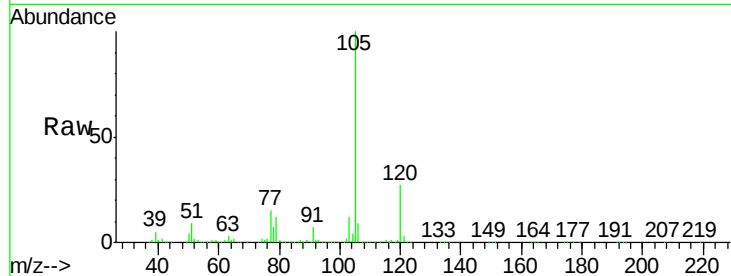
120 26.4 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 56.393 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Tgt Ion: 43 Resp: 112053

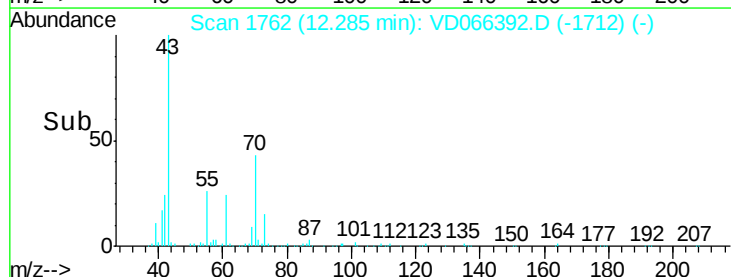
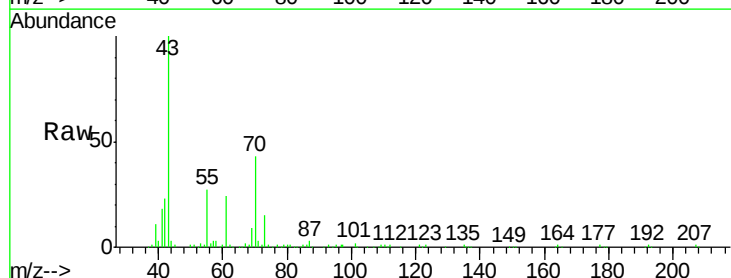
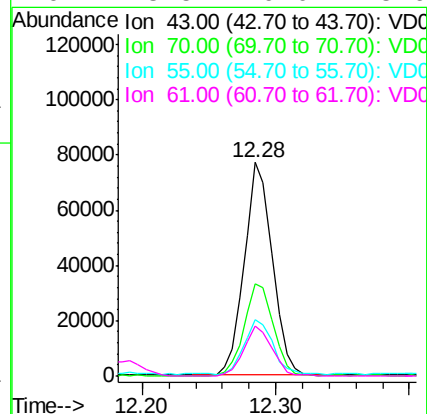
Ion Ratio Lower Upper

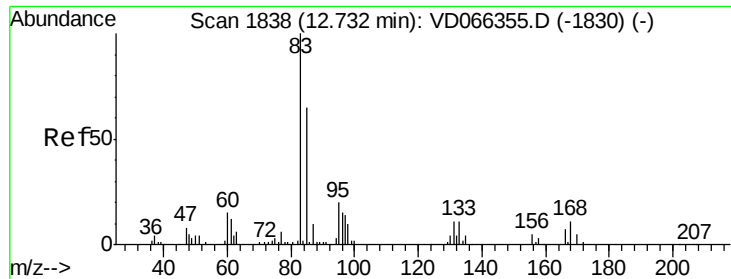
43 100

70 45.0 34.8 52.2

55 26.0 20.3 30.5

61 23.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.640 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

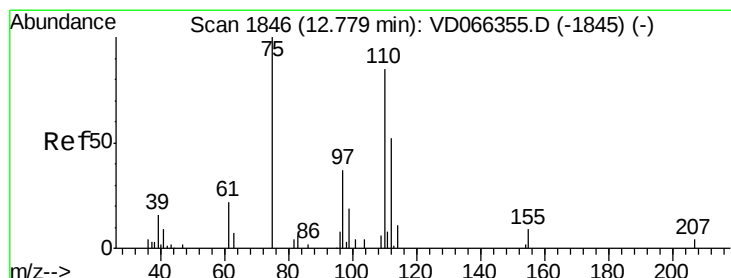
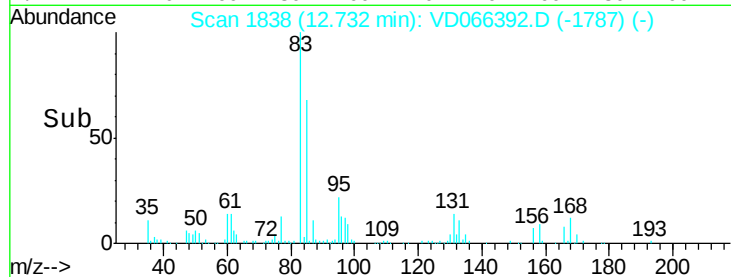
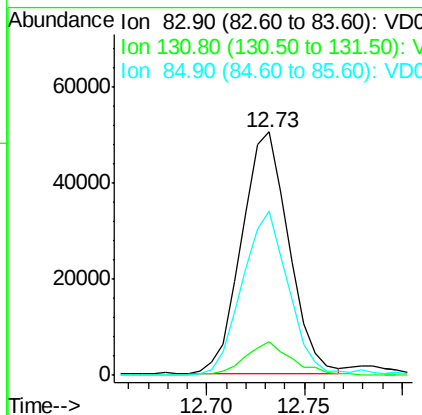
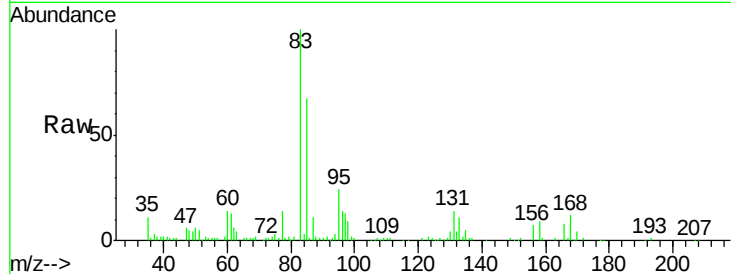
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	84302
Ion Ratio	Lower	Upper	
83	100		
131	14.1	7.0	20.9
85	66.7	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 46.263 ug/l m

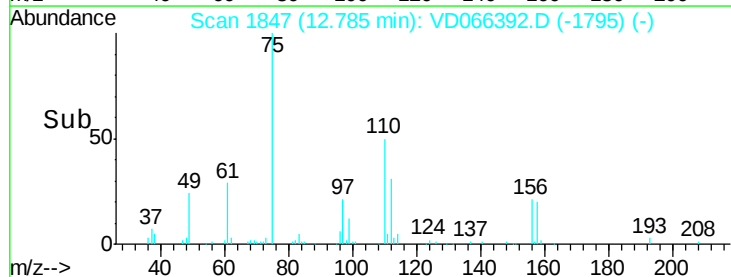
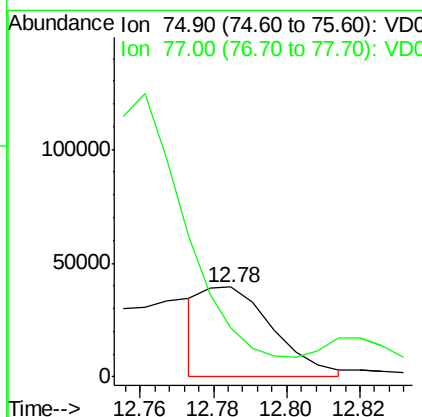
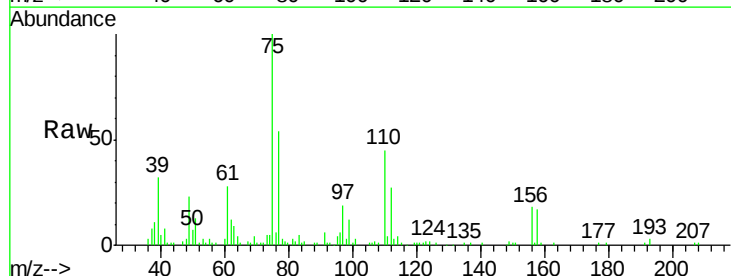
RT: 12.78 min Scan# 1847

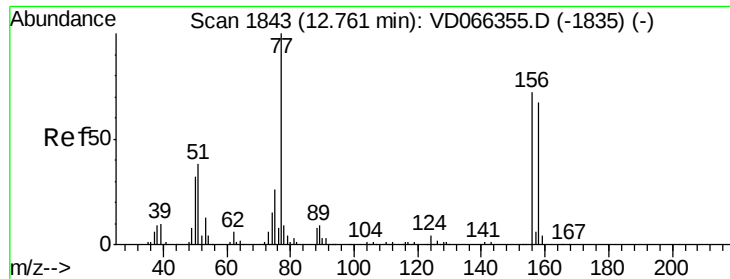
Delta R.T. 0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Tgt Ion:	75	Resp:	53450
Ion Ratio	Lower	Upper	
75	100		
77	0.0	182.9	548.9#





#77

Bromobenzene

Concen: 52.550 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

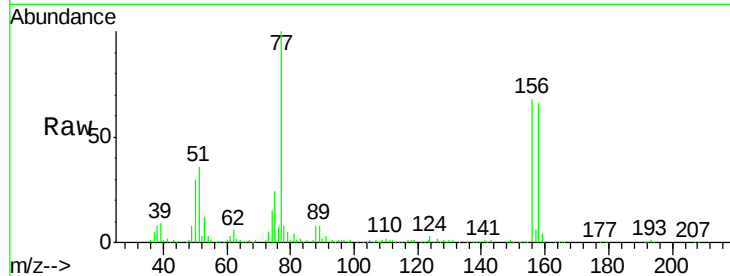
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	156.8	76.1	228.3
158	98.5	47.6	142.9

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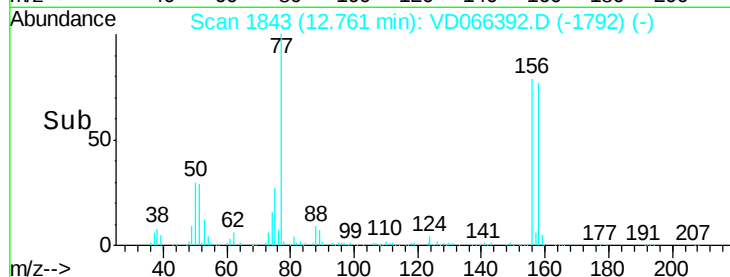


Abundance Ion 155.80 (155.50 to 156.50): V

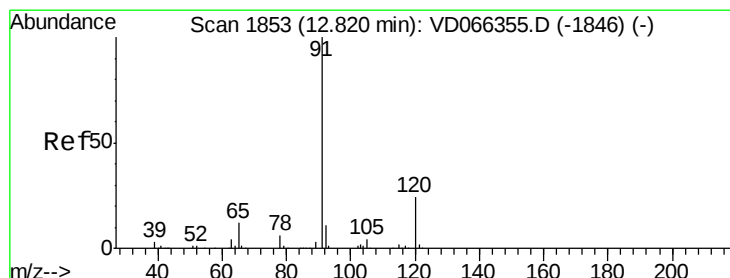
Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V

Time-->



Time-->



#78

n-propylbenzene

Concen: 49.820 ug/l

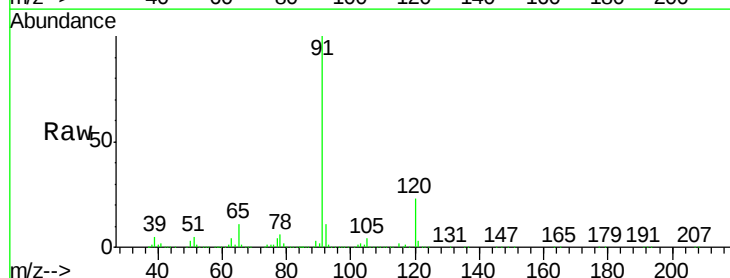
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

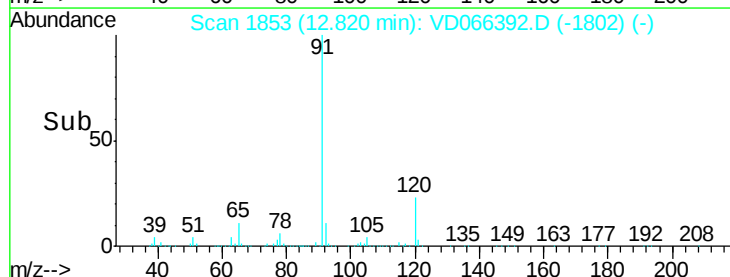
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.0	36.0



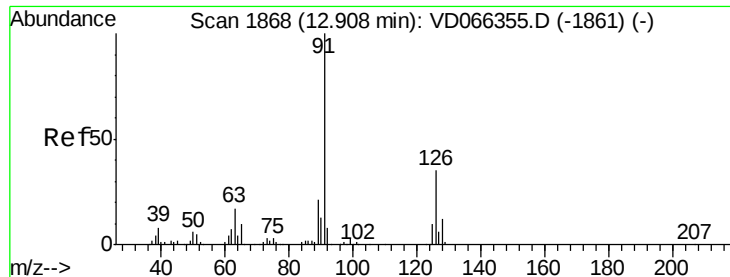
Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

Time-->



Time-->



#79

2-Chlorotoluene

Concen: 51.796 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 373171

Ion Ratio Lower Upper

91 100

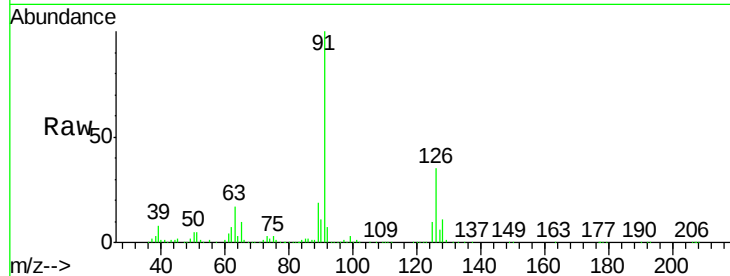
126 34.9 17.7 53.1

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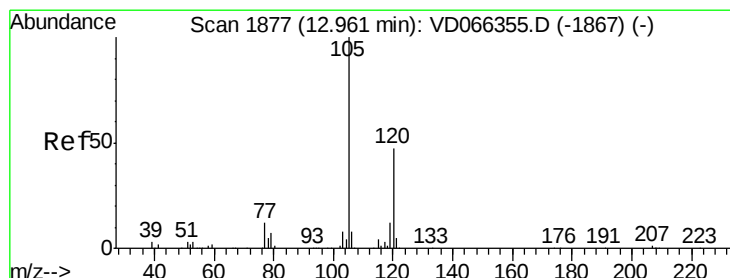
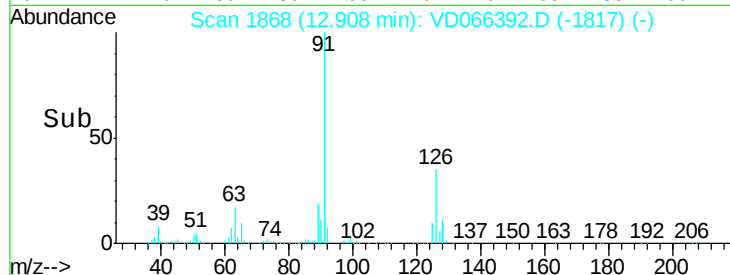
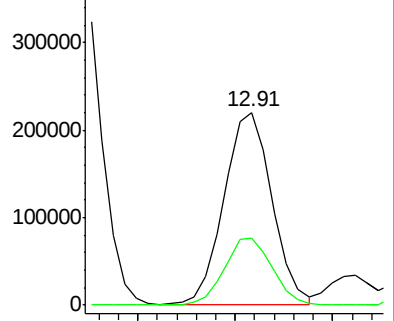
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Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066355.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.584 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066392.D

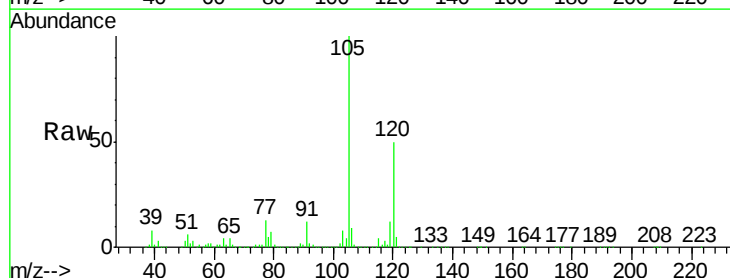
Acq: 24 Aug 2020 20:21

Tgt Ion:105 Resp: 480499

Ion Ratio Lower Upper

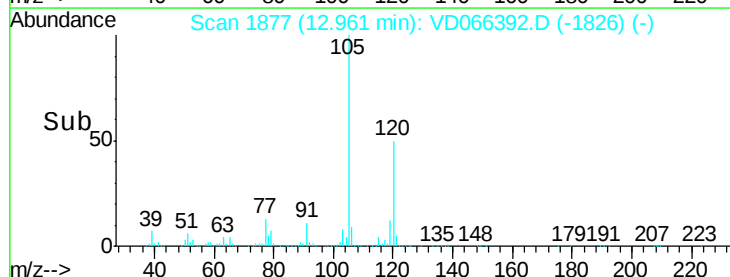
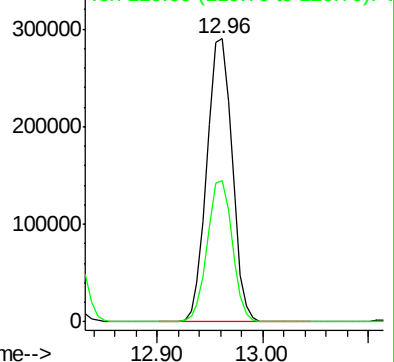
105 100

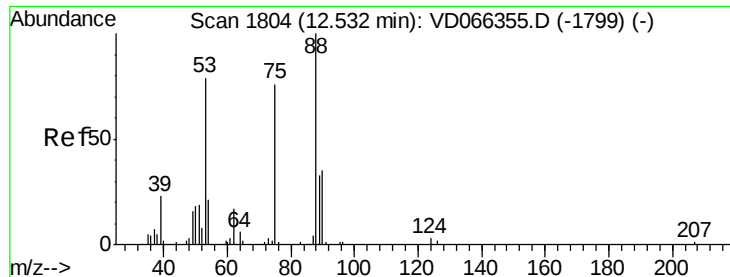
120 49.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066355.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD066355.D (-1867) (-)





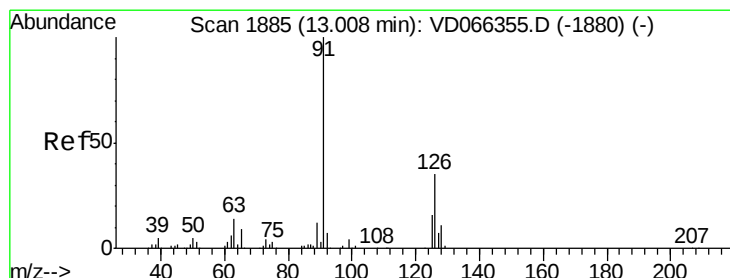
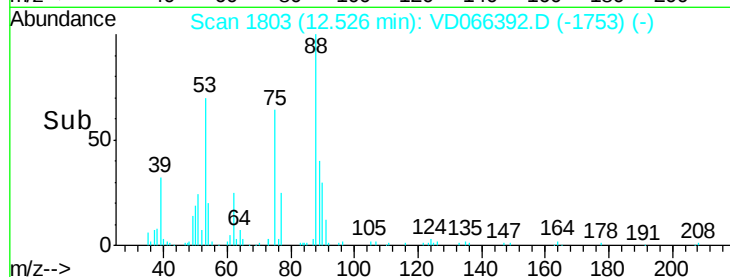
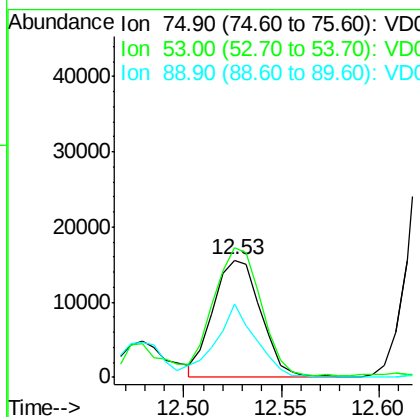
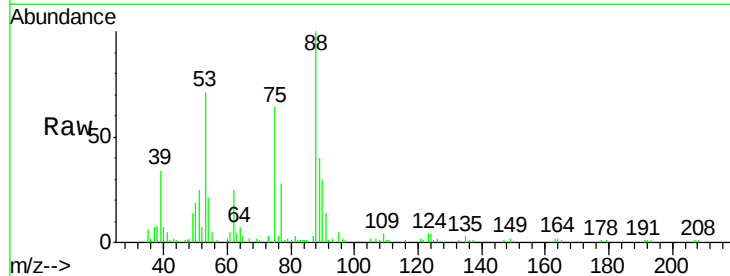
#81
trans-1,4-Dichloro-2-butene
Concen: 48.512 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.0	87.4	131.2
89	53.3	39.4	59.0

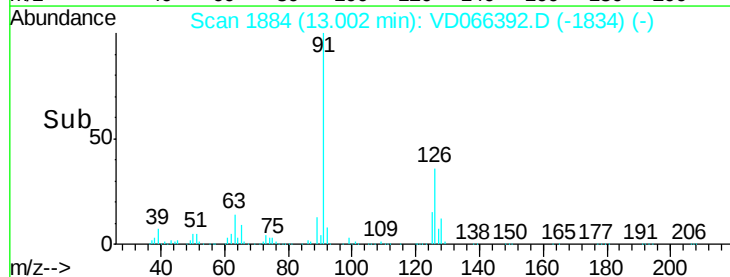
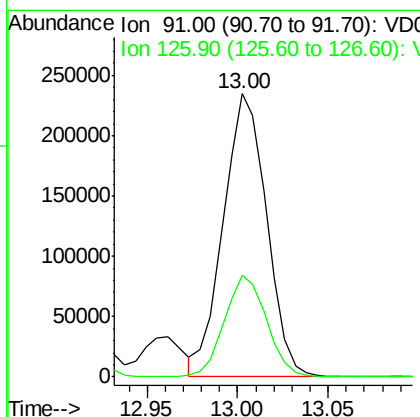
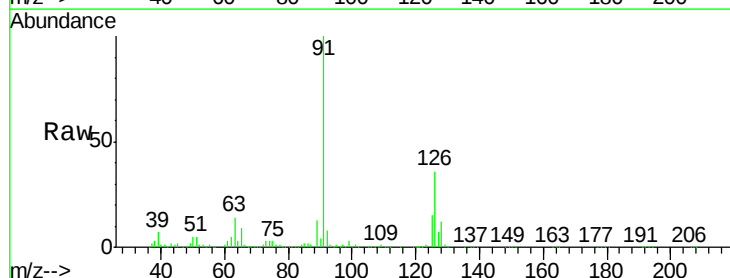
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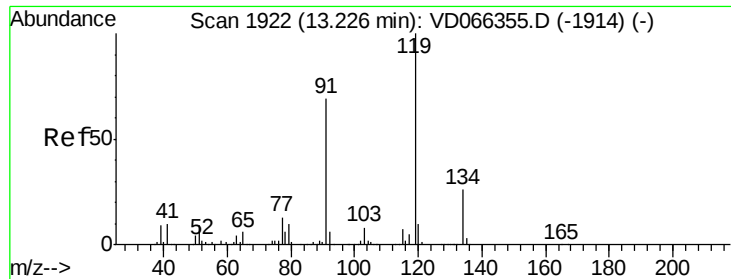
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#82
4-Chlorotoluene
Concen: 50.719 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.2





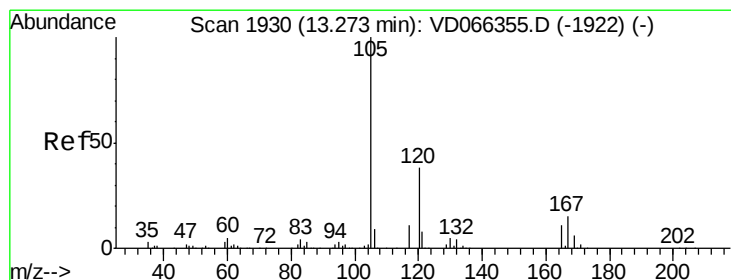
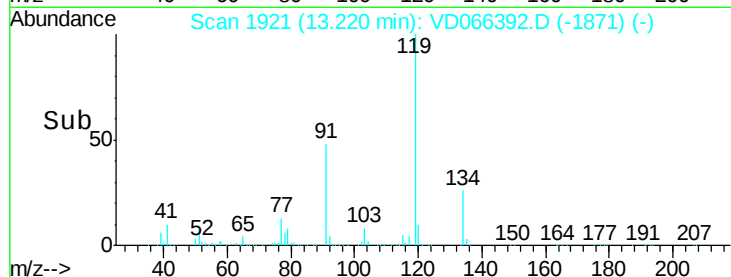
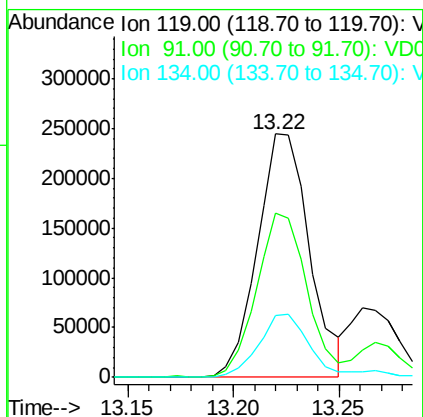
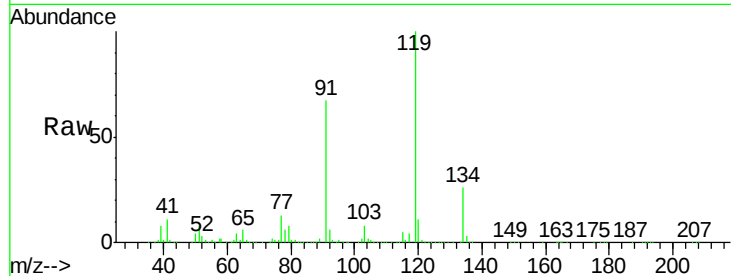
#83
 tert-Butylbenzene
 Concen: 50.790 ug/l
 RT: 13.22 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	419052		
91	65.2		33.5	100.5
134	26.9		13.5	40.4

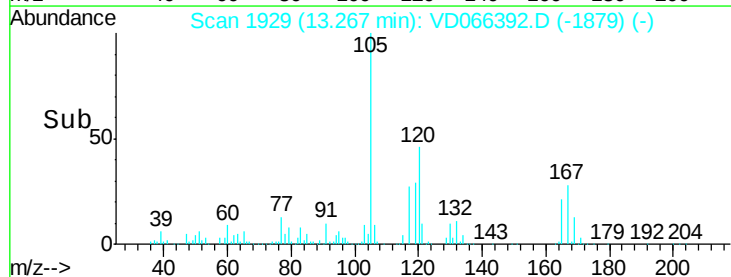
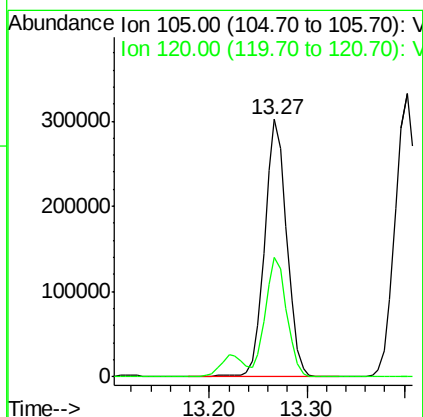
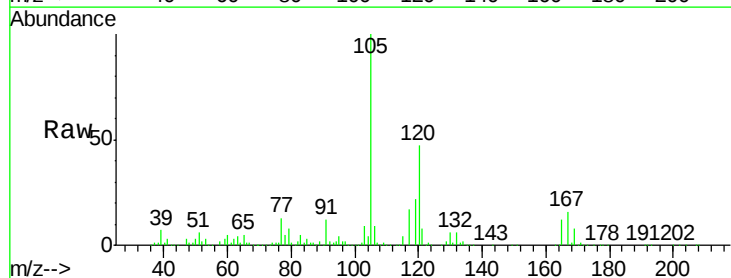
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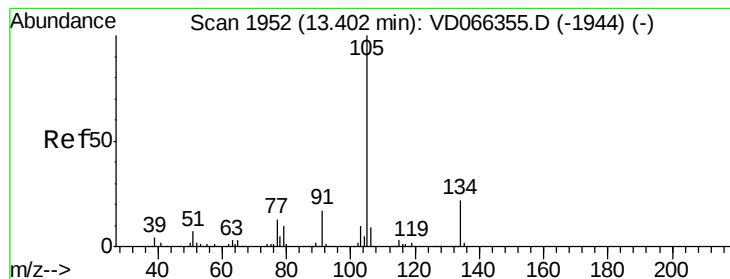
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.387 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	479438		
120	44.6		22.6	67.7





#85

sec-Butylbenzene

Concen: 48.539 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 524707

Ion Ratio Lower Upper

105 100

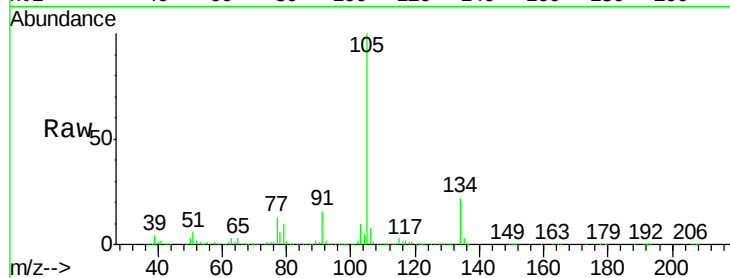
134 21.6 10.8 32.4

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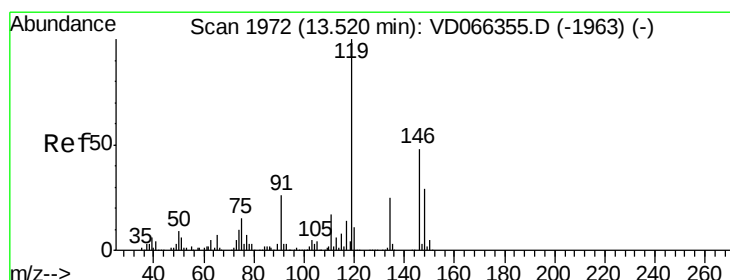
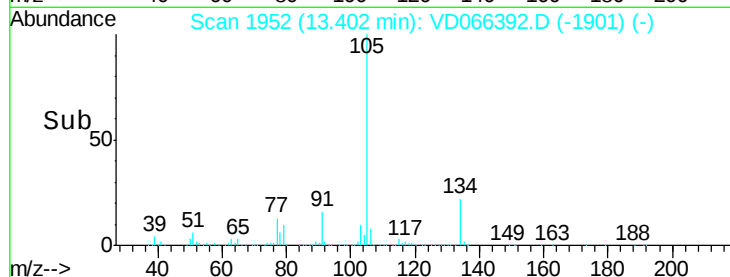
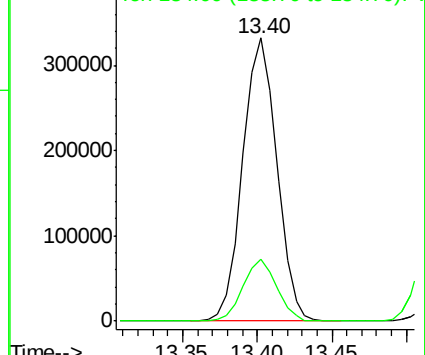
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.924 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

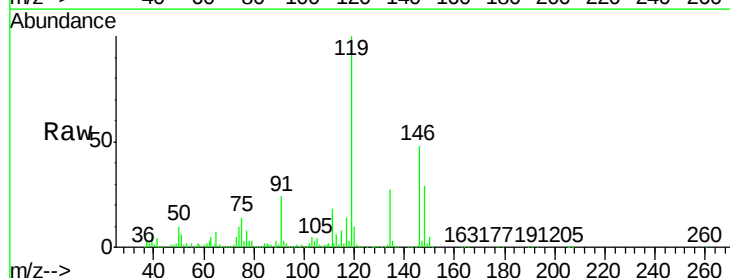
Tgt Ion:119 Resp: 509958

Ion Ratio Lower Upper

119 100

134 26.8 12.8 38.3

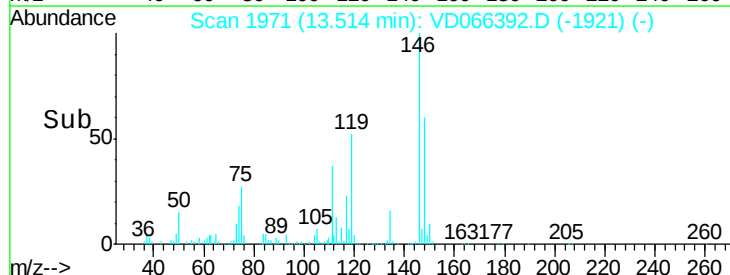
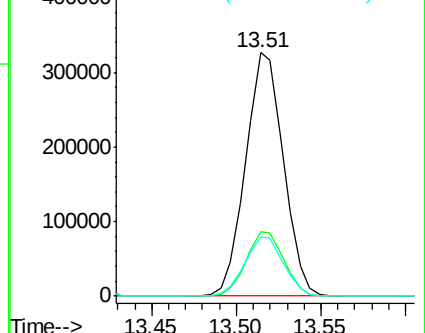
91 24.6 12.7 38.0

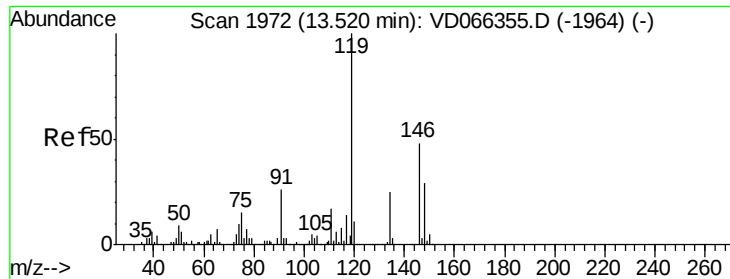


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





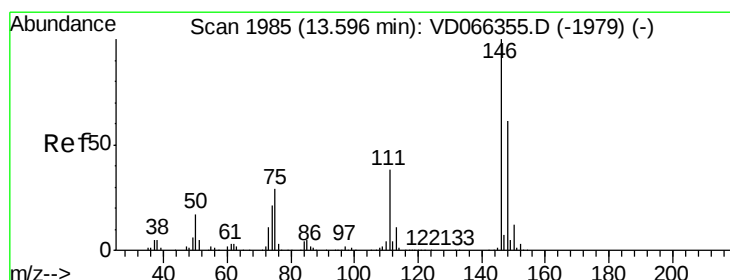
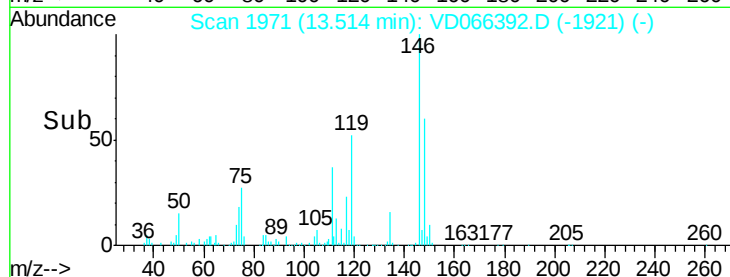
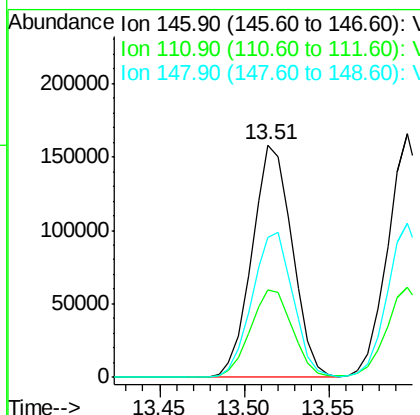
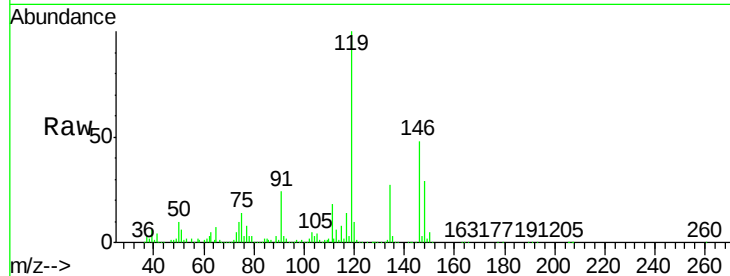
#87
 1,3-Dichlorobenzene
 Concen: 50.302 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	63.2	31.8	95.3

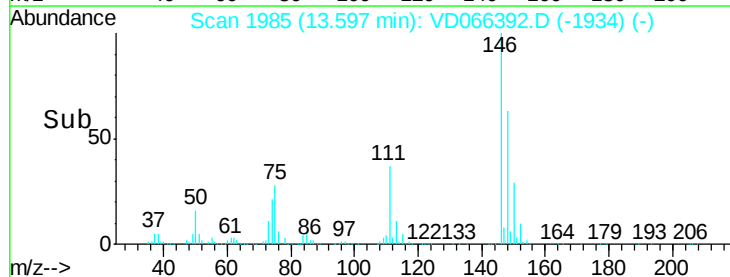
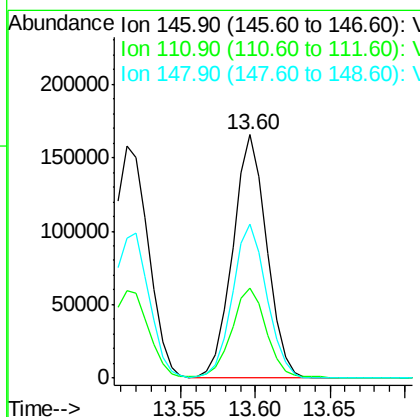
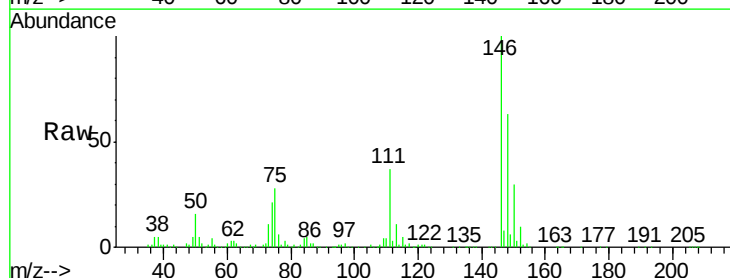
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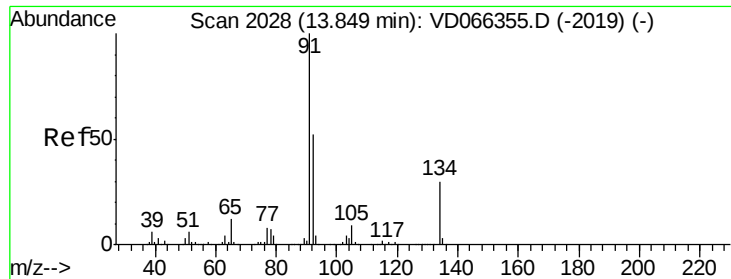
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#88
 1,4-Dichlorobenzene
 Concen: 50.141 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.5
148	63.9	32.1	96.3





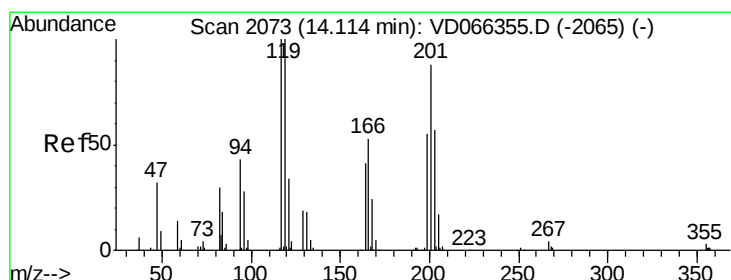
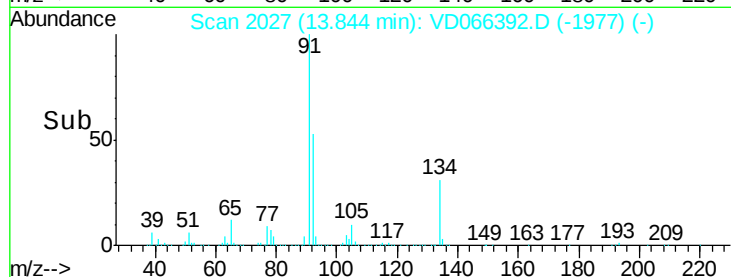
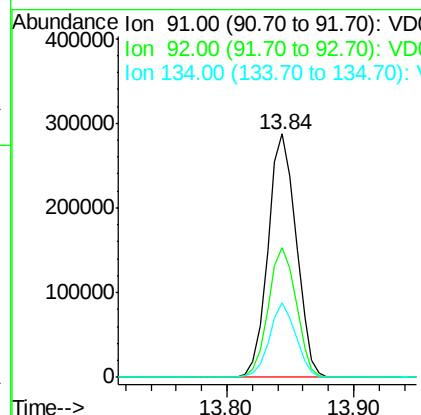
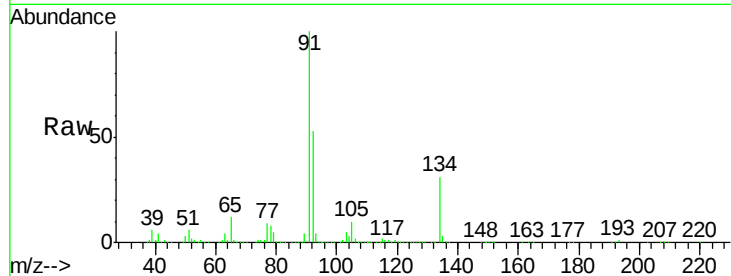
#89
n-Butylbenzene
Concen: 48.311 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.0
134	28.8	14.4	43.4

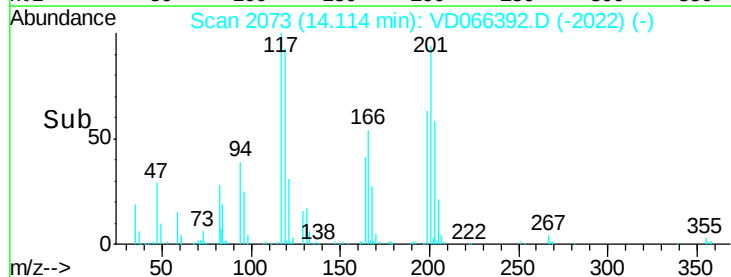
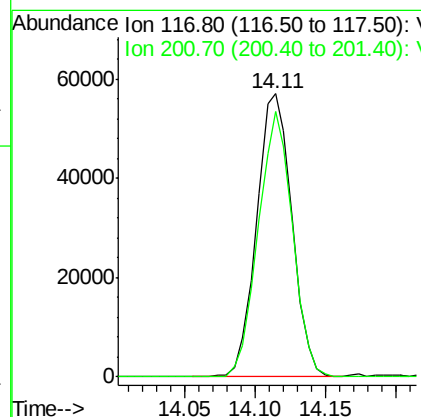
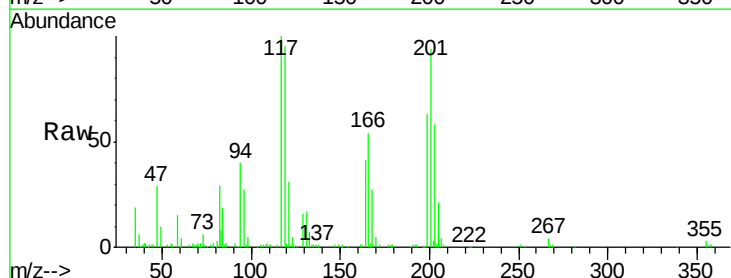
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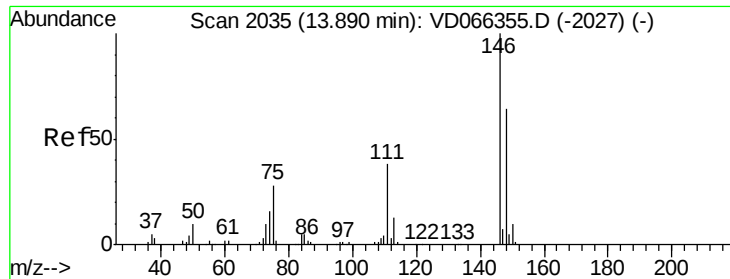
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#90
Hexachloroethane
Concen: 48.693 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.8	45.4	136.2





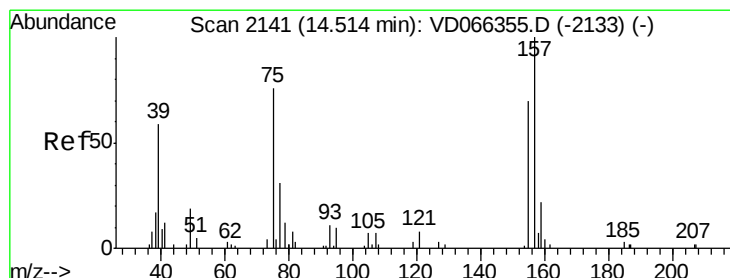
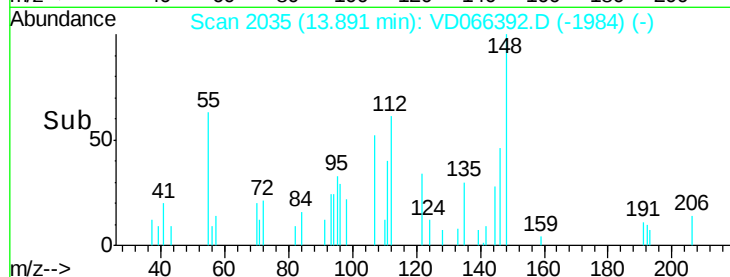
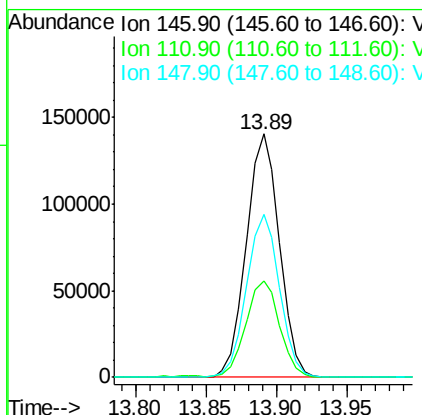
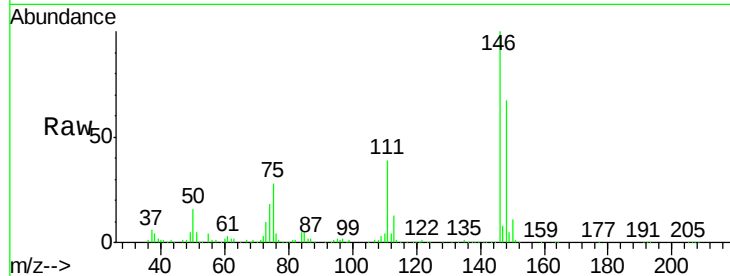
#91
 1,2-Dichlorobenzene
 Concen: 51.489 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	66.9	32.6	97.8

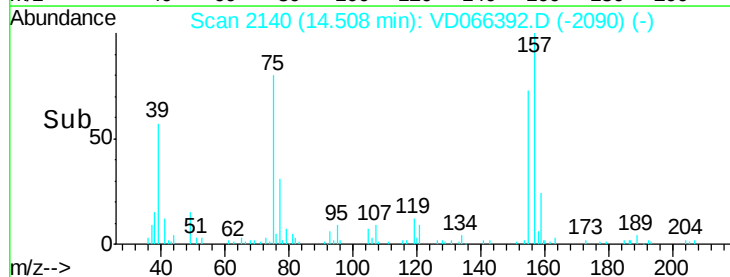
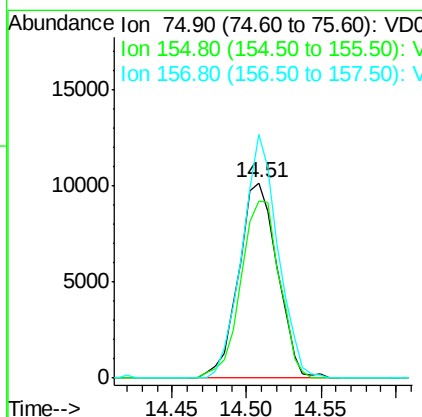
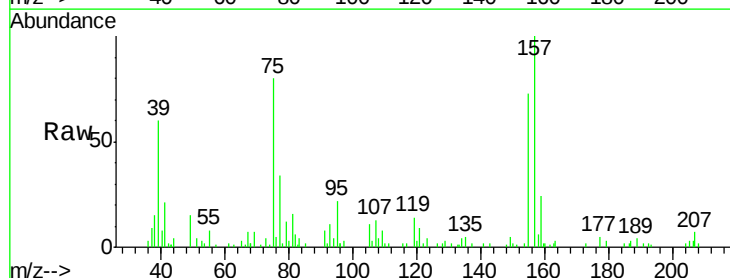
Manual Integrations
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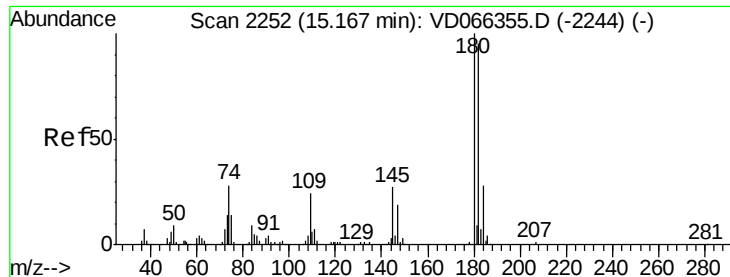
MMDadoda
 8/25/2020 3:33:02 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.287 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066392.D
 Acq: 24 Aug 2020 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	46.9	140.6
157	115.2	61.0	183.0





#93

1,2,4-Trichlorobenzene

Concen: 51.578 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VD066392.D

Acq: 24 Aug 2020 20:21

Instrument :

MSVOA_D

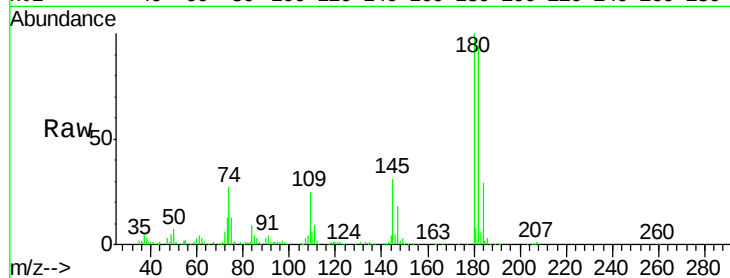
ClientSampleId :

VSTDCCC050EC

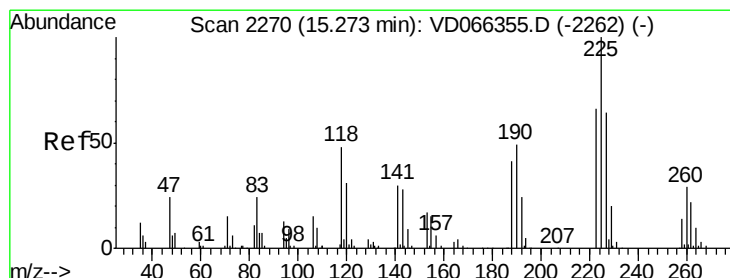
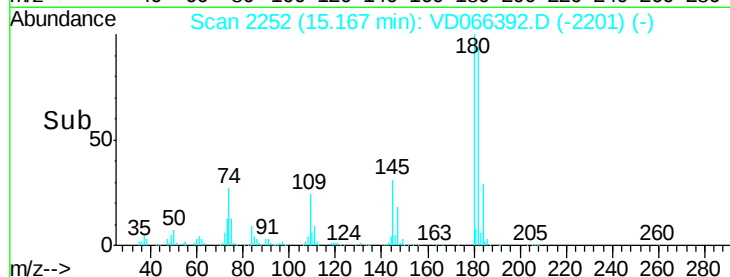
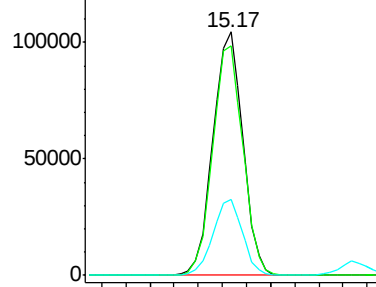
Tot Ion:	180	Resp:	180680
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.0	144.0
145	30.9	15.2	45.6

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.405 ug/l

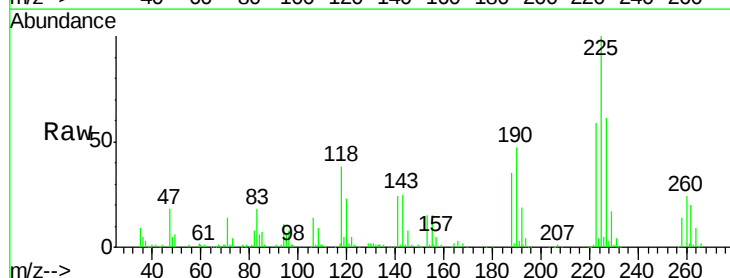
RT: 15.27 min Scan# 2270

Delta R.T. 0.00 min

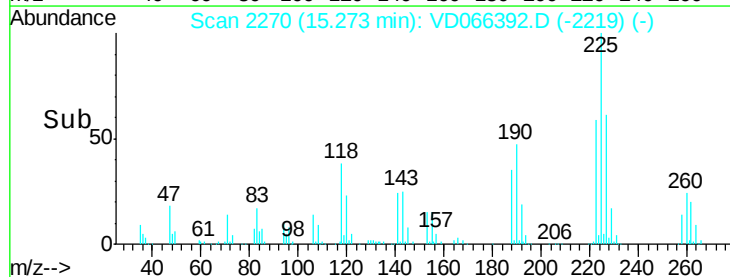
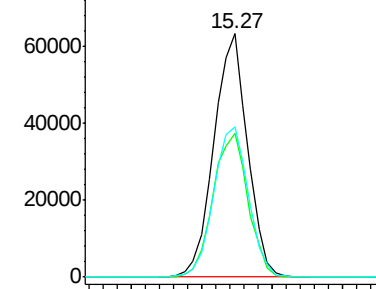
Lab File: VD066392.D

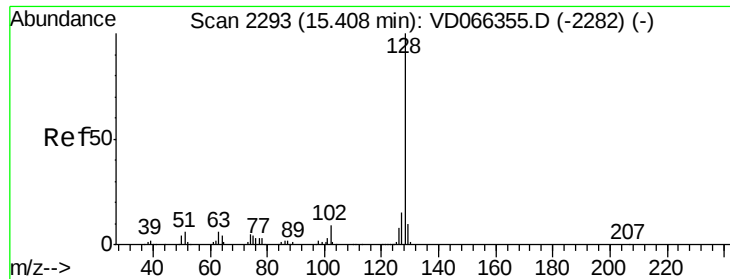
Acq: 24 Aug 2020 20:21

Tgt Ion:	225	Resp:	105375
Ion Ratio	Lower	Upper	
225	100		
223	61.3	32.5	97.4
227	63.7	33.0	98.9



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





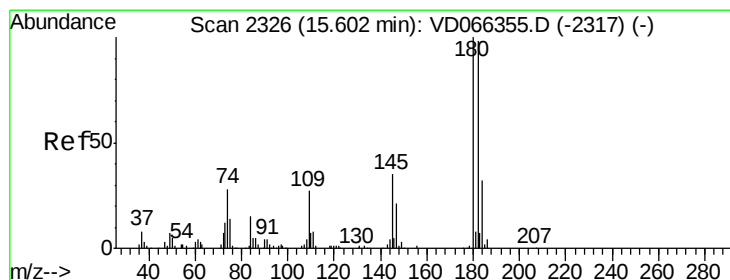
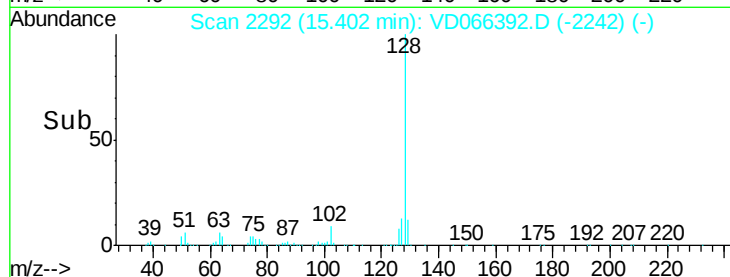
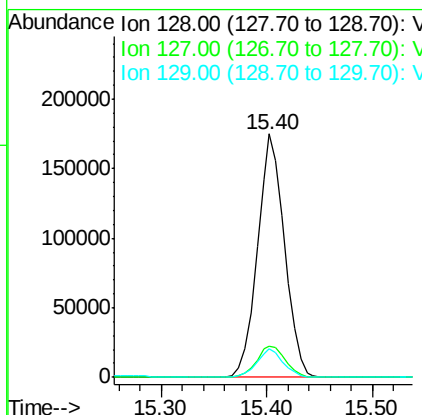
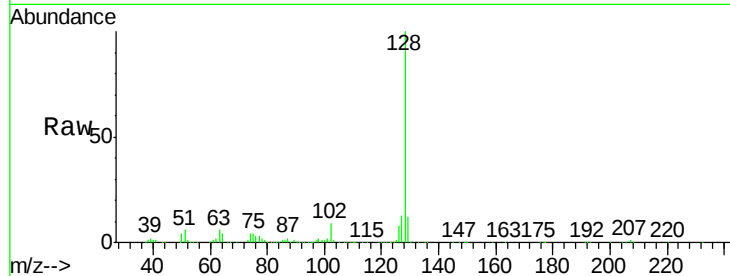
#95
Naphthalene
Concen: 56.508 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128	Resp:	310912
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.7 16.1
129	11.4	8.6 12.8

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#96
1,2,3-Trichlorobenzene
Concen: 52.836 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066392.D
Acq: 24 Aug 2020 20:21

Tgt Ion:180	Resp:	158553
Ion Ratio	Lower	Upper
180	100	
182	96.0	46.7 140.0
145	32.3	16.0 48.0

