

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066394.D
 Acq On : 25 Aug 2020 11:11
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/26/2020 4:23:00 PM

Quant Time: Aug 26 08:09:46 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	206097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	295402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	264132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	115748	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
35) Dibromofluoromethane	7.91	113	99251	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
50) Toluene-d8	10.33	98	369548	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
62) 4-Bromofluorobenzene	12.63	95	134013	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	84298	48.112	ug/l	96
3) Chloromethane	2.20	50	59534	47.935	ug/l	96
4) Vinyl Chloride	2.34	62	65773	49.325	ug/l	98
5) Bromomethane	2.76	94	52512	52.649	ug/l	98
6) Chloroethane	2.91	64	43672	51.147	ug/l	96
7) Trichlorofluoromethane	3.27	101	190202	52.454	ug/l	94
8) Diethyl Ether	3.70	74	39658	48.813	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	92267	51.561	ug/l	98
10) Methyl Iodide	4.29	142	94442	46.273	ug/l	99
11) Tert butyl alcohol	5.21	59	33755	300.258	ug/l	98
12) 1,1-Dichloroethene	4.06	96	83972	49.990	ug/l	98
13) Acrolein	3.92	56	15745	175.479	ug/l	98
14) Allyl chloride	4.70	41	109255	48.730	ug/l	94
15) Acrylonitrile	5.41	53	80830	247.968	ug/l	99
16) Acetone	4.15	43	93640	257.058	ug/l	95
17) Carbon Disulfide	4.40	76	247114	48.543	ug/l	98
18) Methyl Acetate	4.72	43	33115	48.436	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	213924	52.890	ug/l	98
20) Methylene Chloride	4.96	84	95112	48.695	ug/l #	92
21) trans-1,2-Dichloroethene	5.47	96	99330	50.800	ug/l	93
22) Diisopropyl ether	6.36	45	220457	50.786	ug/l	98
23) Vinyl Acetate	6.30	43	699917	260.455	ug/l	99
24) 1,1-Dichloroethane	6.26	63	160346	52.270	ug/l	99
25) 2-Butanone	7.21	43	106753	258.142	ug/l	96
26) 2,2-Dichloropropane	7.20	77	172245	52.388	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	107885	51.493	ug/l	100
28) Bromochloromethane	7.54	49	60192	56.964	ug/l	97
29) Tetrahydrofuran	7.56	42	59782	254.514	ug/l	97
30) Chloroform	7.71	83	186969	52.679	ug/l	98
31) Cyclohexane	7.98	56	129565	46.181	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	192509	52.997	ug/l	100
36) 1,1-Dichloropropene	8.10	75	136763	50.740	ug/l	99
37) Ethyl Acetate	7.29	43	45996	50.174	ug/l #	93
38) Carbon Tetrachloride	8.09	117	187670	53.442	ug/l	98

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	162417	51.154	ug/l	98
40) Benzene	8.34	78	363813	51.309	ug/l	95
41) Methacrylonitrile	7.52	41	32982	58.341	ug/l #	18
42) 1,2-Dichloroethane	8.42	62	131220	52.544	ug/l	97
43) Isopropyl Acetate	8.44	43	93222	50.664	ug/l	98
44) Trichloroethene	9.11	130	116974	50.770	ug/l	94
45) 1,2-Dichloropropane	9.38	63	81260	50.551	ug/l	94
46) Dibromomethane	9.47	93	53191	53.146	ug/l	98
47) Bromodichloromethane	9.66	83	149474	54.307	ug/l	97
48) Methyl methacrylate	9.45	41	45991	48.471	ug/l	96
49) 1,4-Dioxane	9.46	88	11770	1012.779	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	225546	253.387	ug/l	99
52) Toluene	10.40	92	248615	51.753	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	135584	51.914	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	150203	51.237	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	66516	49.092	ug/l	93
56) Ethyl methacrylate	10.66	69	83354	53.143	ug/l	96
57) 1,3-Dichloropropane	10.94	76	116410	51.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	172481	264.770	ug/l	96
59) 2-Hexanone	10.98	43	161929	257.905	ug/l	100
60) Dibromochloromethane	11.14	129	104545	51.189	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68999	51.747	ug/l	95
64) Tetrachloroethene	10.87	164	101443	50.628	ug/l	94
65) Chlorobenzene	11.67	112	277922	52.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	113656	52.924	ug/l	98
67) Ethyl Benzene	11.74	91	491789	53.166	ug/l	99
68) m/p-Xylenes	11.85	106	375092	106.389	ug/l	97
69) o-Xylene	12.18	106	174911	53.328	ug/l	99
70) Styrene	12.19	104	302594	53.730	ug/l	99
71) Bromoform	12.36	173	64024	52.548	ug/l #	98
73) Isopropylbenzene	12.48	105	493138	53.026	ug/l	99
74) N-amyl acetate	12.28	43	84140	50.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	66163	49.801	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	44907m	45.980	ug/l	
77) Bromobenzene	12.76	156	124363	52.686	ug/l	98
78) n-propylbenzene	12.82	91	557768	52.307	ug/l	100
79) 2-Chlorotoluene	12.91	91	322676	52.982	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	430578	53.623	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23861	51.860	ug/l	97
82) 4-Chlorotoluene	13.00	91	339294	52.583	ug/l	98
83) tert-Butylbenzene	13.23	119	373632	53.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	422794	53.607	ug/l	100
85) sec-Butylbenzene	13.40	105	482269	52.776	ug/l	100
86) p-Isopropyltoluene	13.52	119	469099	53.238	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	227083	51.537	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	229558	51.888	ug/l	100
89) n-Butylbenzene	13.84	91	409765	52.700	ug/l	99
90) Hexachloroethane	14.11	117	87203	50.100	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	199037	52.473	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15150	54.371	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	157567	53.210	ug/l	99
94) Hexachlorobutadiene	15.27	225	98834	53.707	ug/l	99
95) Naphthalene	15.41	128	250679	53.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	135119	53.265	ug/l	97

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

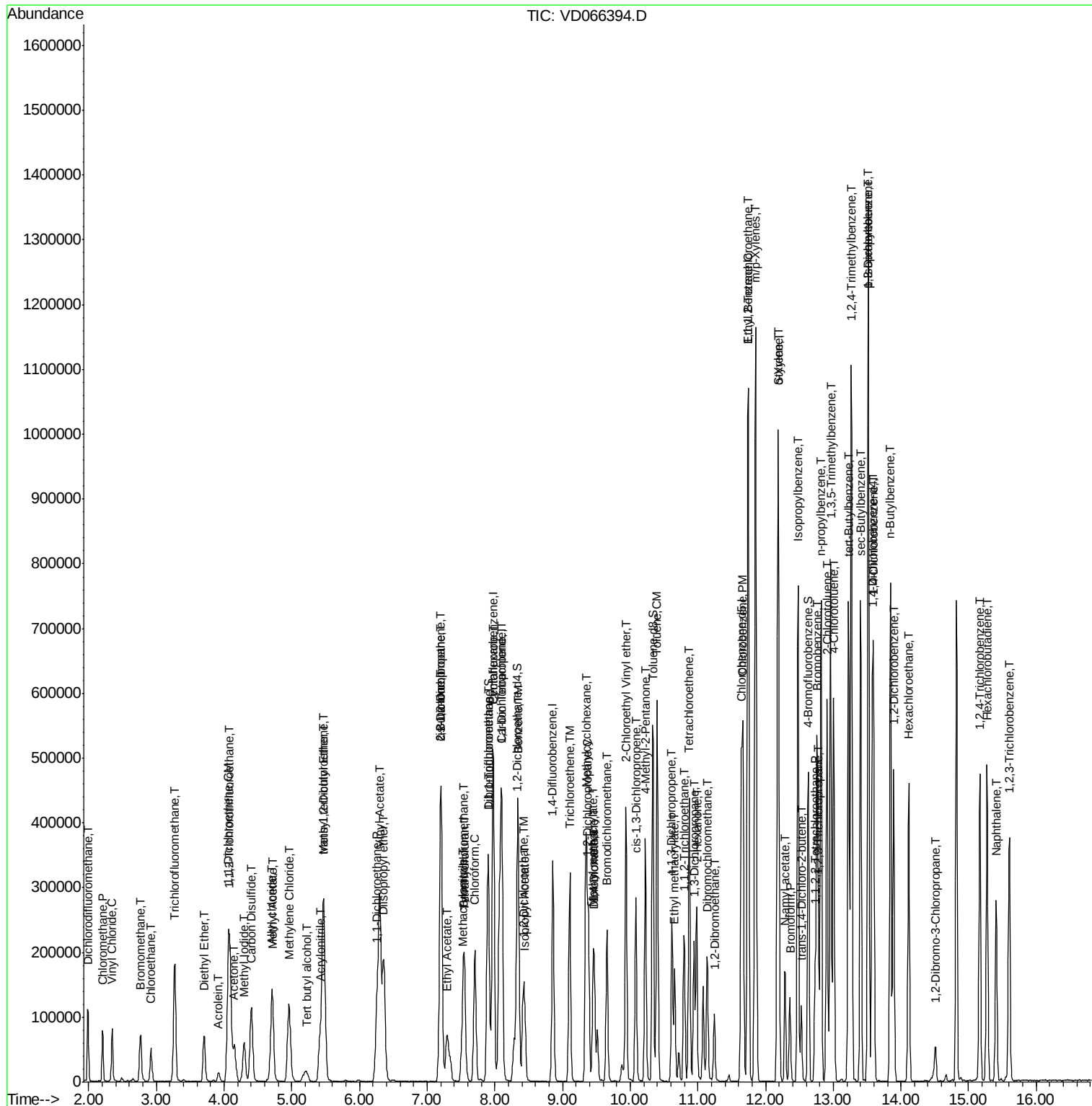
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
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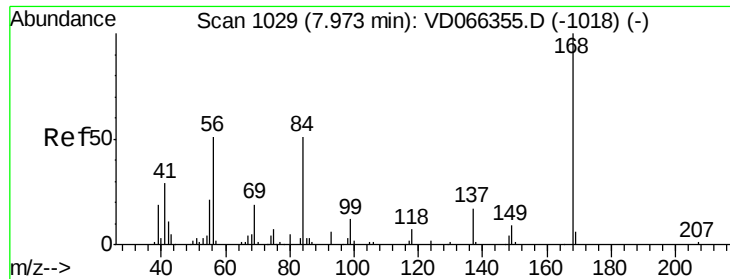
Instrument :
MSVOA_D
ClientSampleId :
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Manual Integrations
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8/26/2020 4:23:00 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 206097

Ion Ratio Lower Upper

168 100

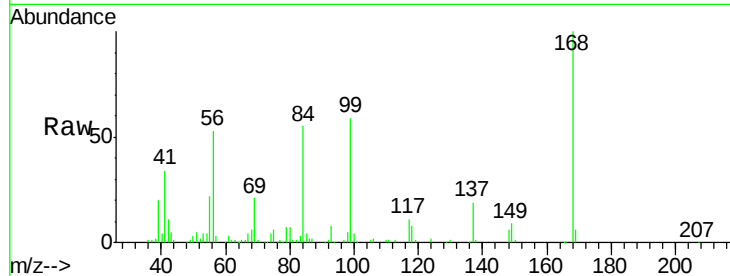
99 58.6 45.4 68.0

Manual Integrations

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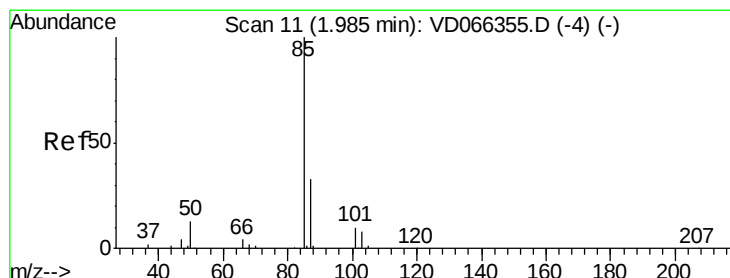
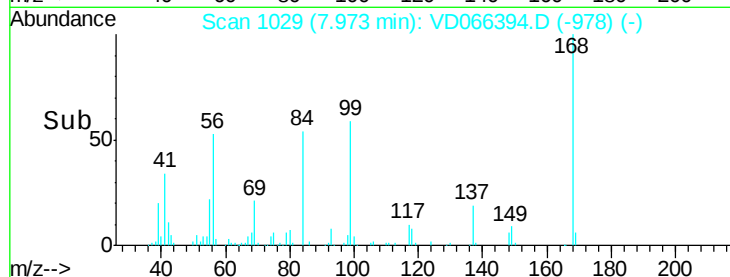
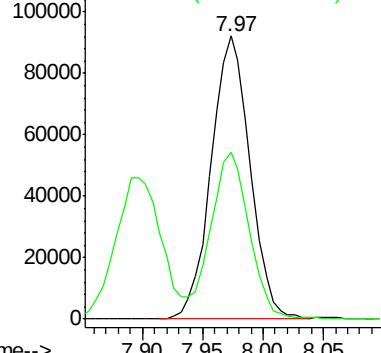
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 48.112 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066394.D

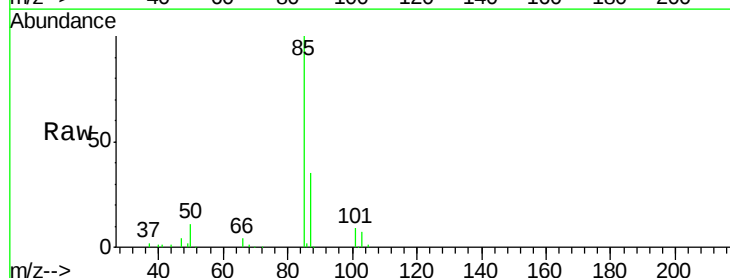
Acq: 25 Aug 2020 11:11

Tgt Ion: 85 Resp: 84298

Ion Ratio Lower Upper

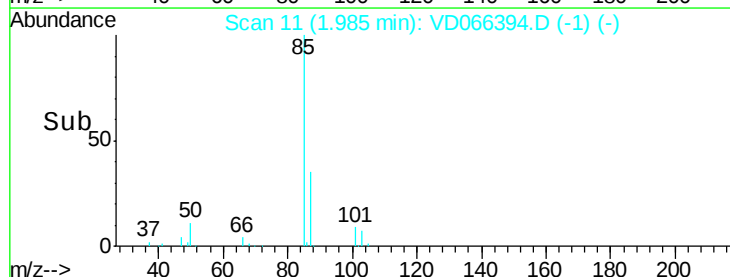
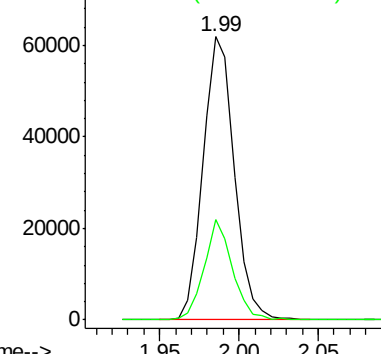
85 100

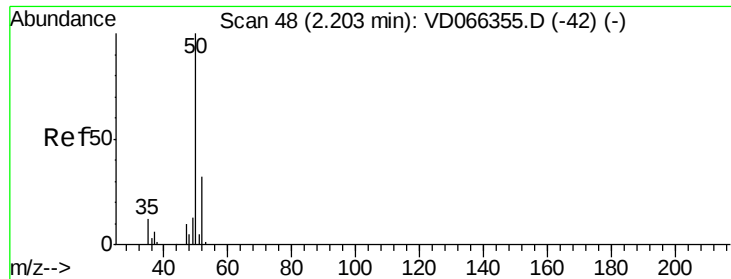
87 35.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.935 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 59534

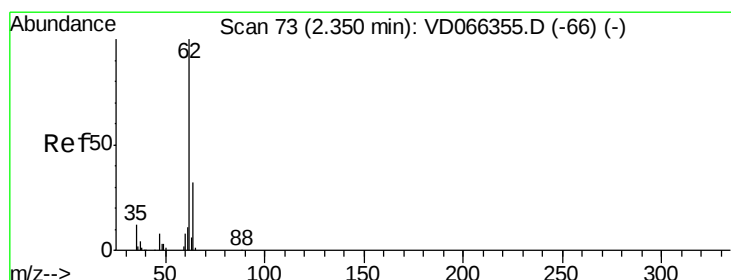
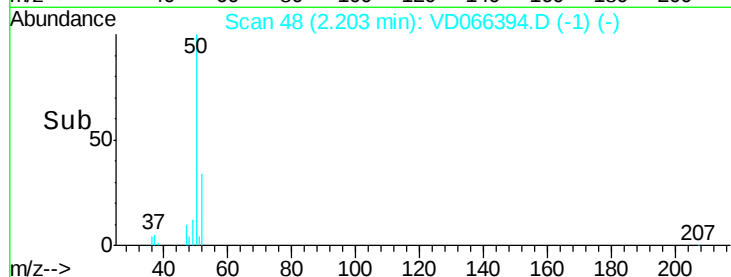
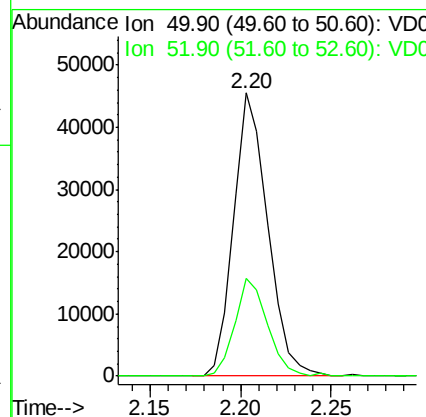
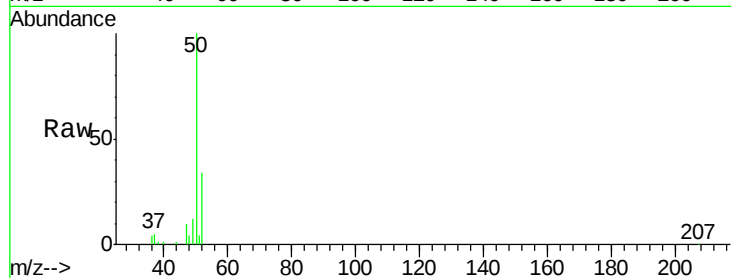
Ion Ratio Lower Upper

50 100

52 34.4 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.325 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066394.D

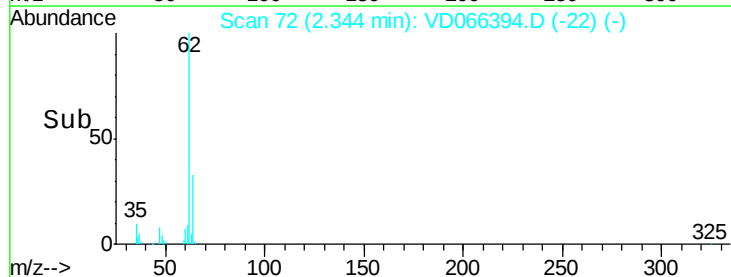
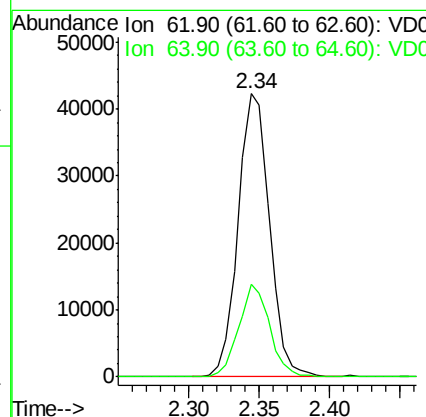
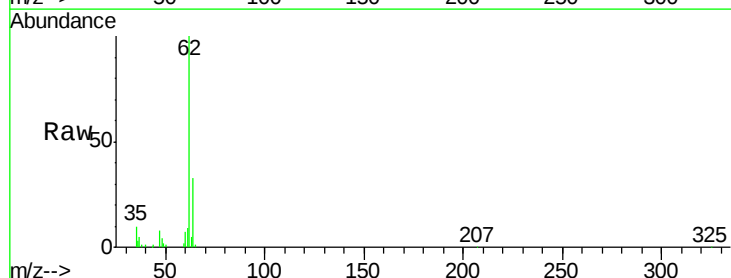
Acq: 25 Aug 2020 11:11

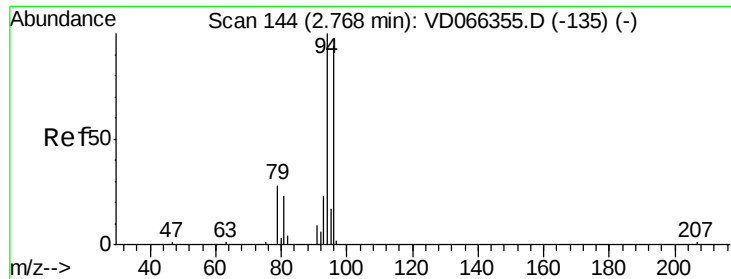
Tgt Ion: 62 Resp: 65773

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 52.649 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 52512

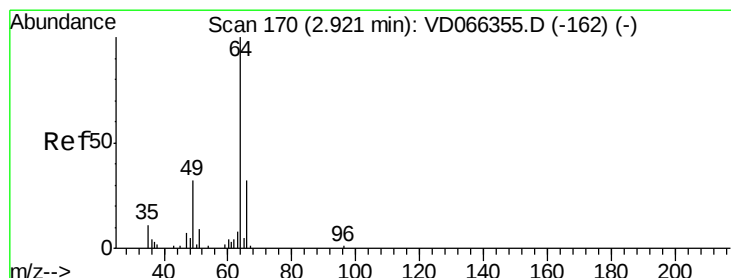
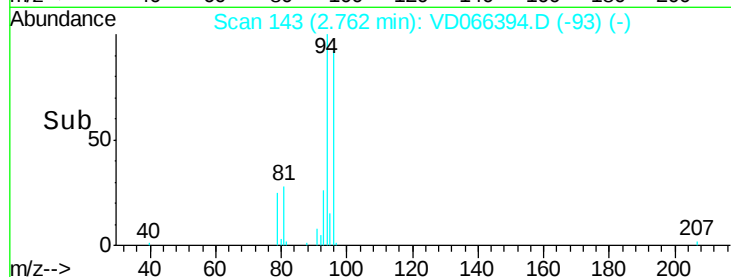
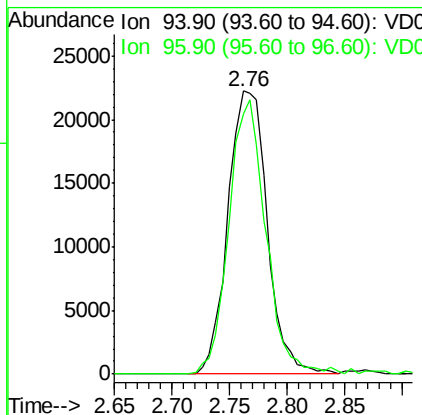
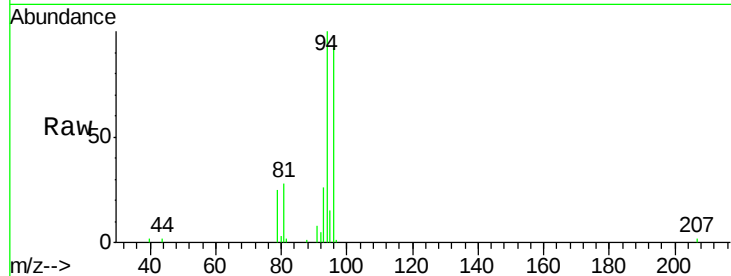
Ion Ratio Lower Upper

94 100

96 91.9 75.0 112.4

Manual Integrations
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#6

Chloroethane

Concen: 51.147 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066394.D

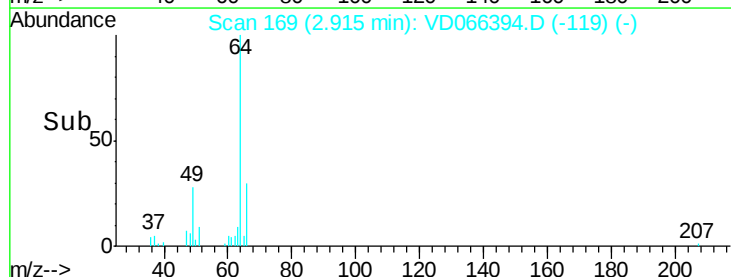
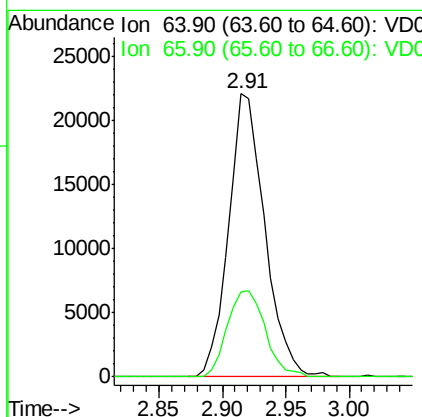
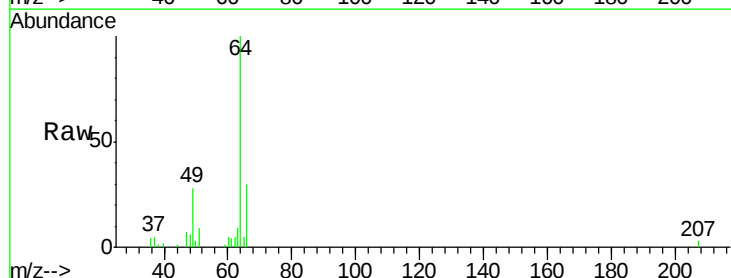
Acq: 25 Aug 2020 11:11

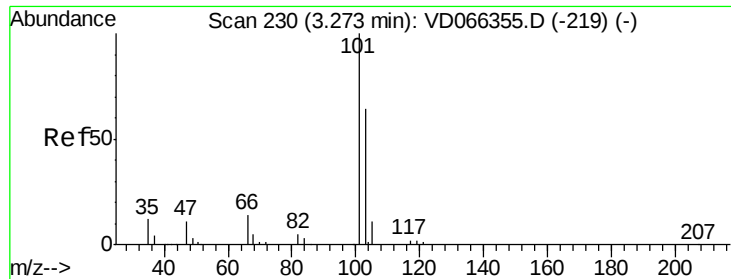
Tgt Ion: 64 Resp: 43672

Ion Ratio Lower Upper

64 100

66 30.2 25.9 38.9





#7

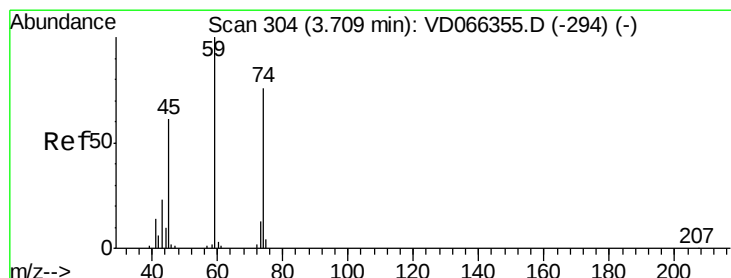
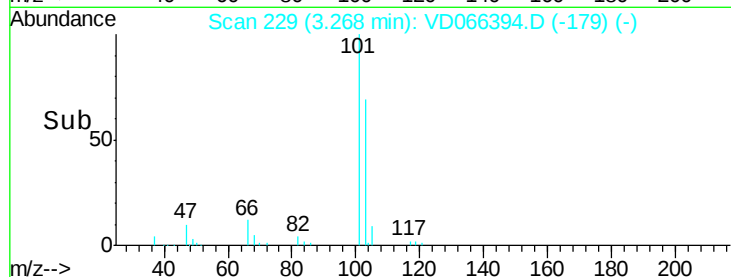
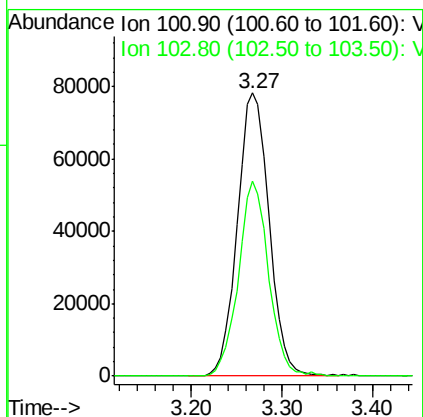
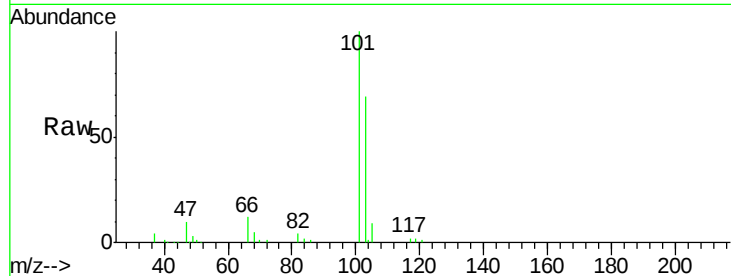
Trichlorofluoromethane
Concen: 52.454 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	190202		
103	68.7	51.4	77.0	

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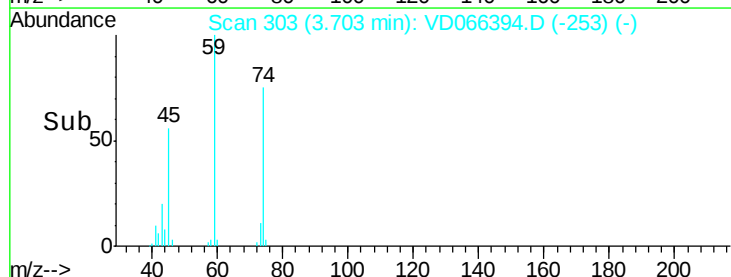
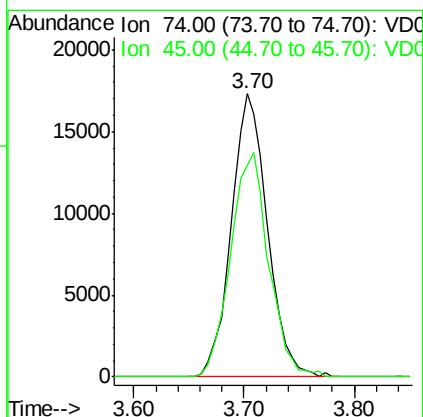
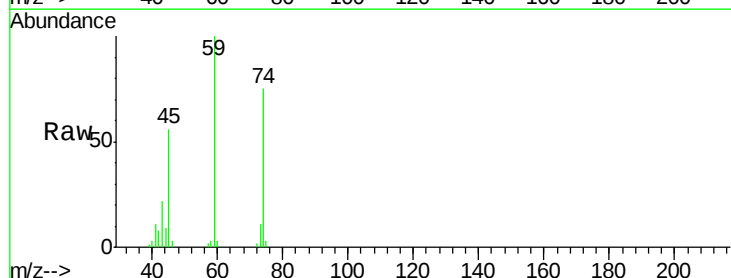
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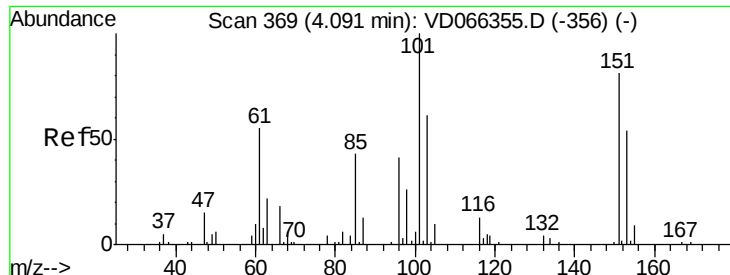


#8

Diethyl Ether
Concen: 48.813 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39658		
45	83.7	42.8	128.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.561 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

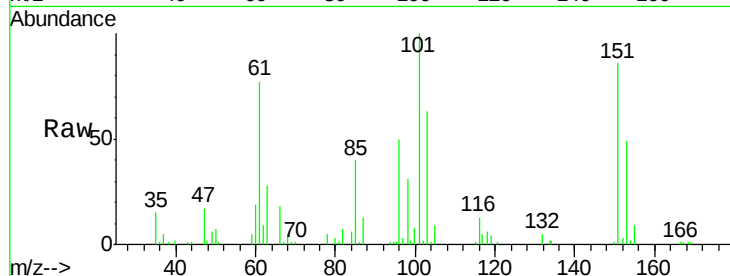
ClientSampleId :

VSTDCCC050

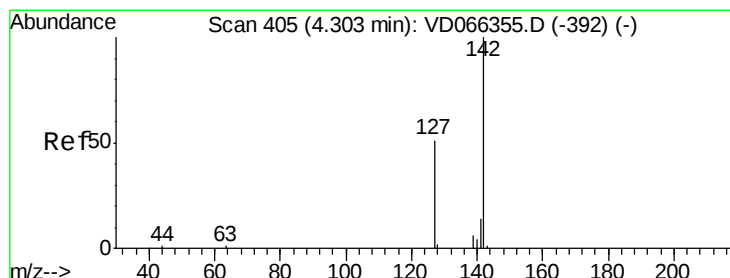
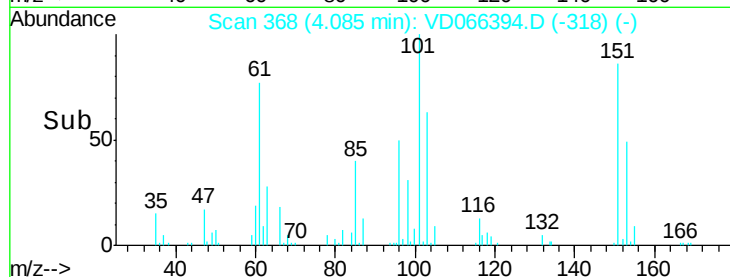
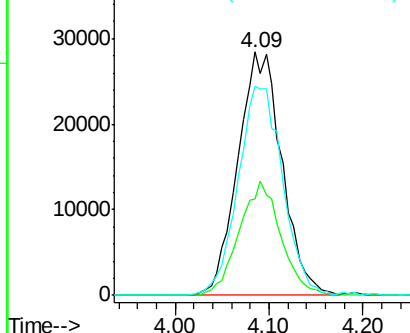
Tot Ion:	101	Resp:	92267
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.4	54.6
151	86.9	70.5	105.7

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.273 ug/l

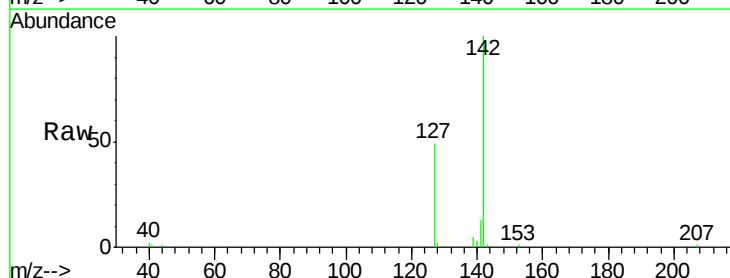
RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

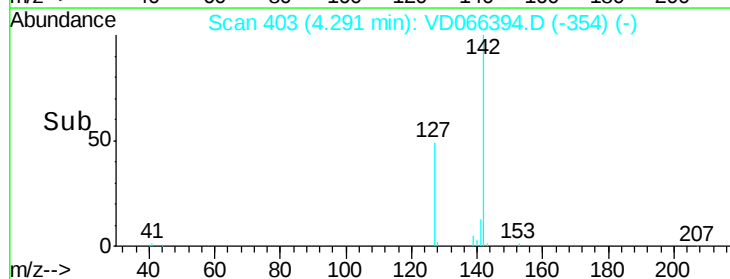
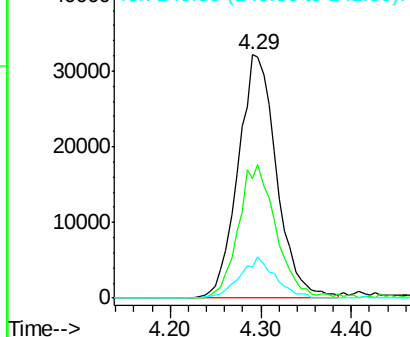
Lab File: VD066394.D

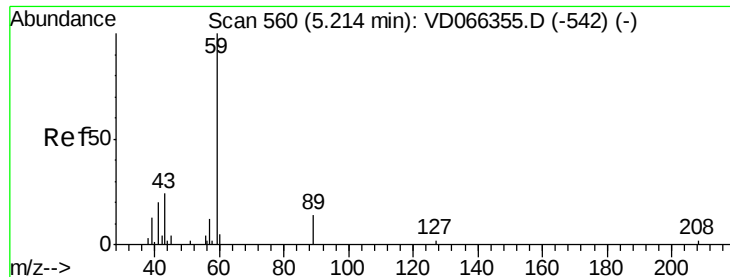
Acq: 25 Aug 2020 11:11

Tgt Ion:	142	Resp:	94442
Ion Ratio	Lower	Upper	
142	100		
127	53.2	41.8	62.8
141	15.5	11.8	17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





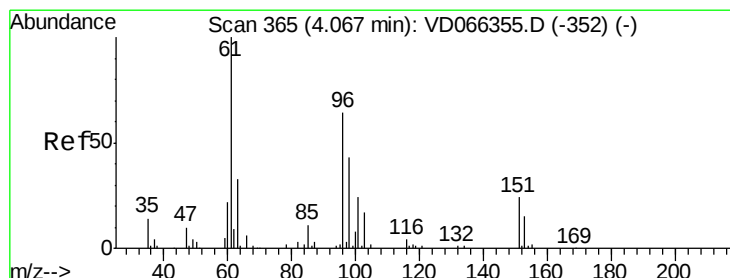
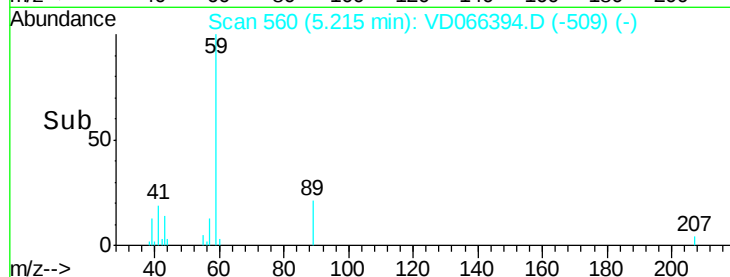
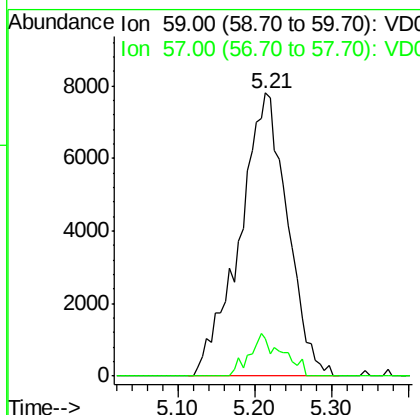
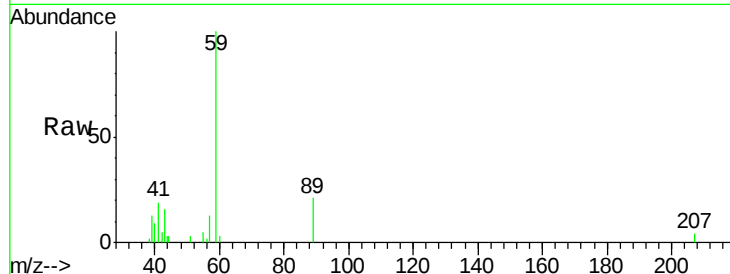
#11
Tert butyl alcohol
Concen: 300.258 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 33755
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.4

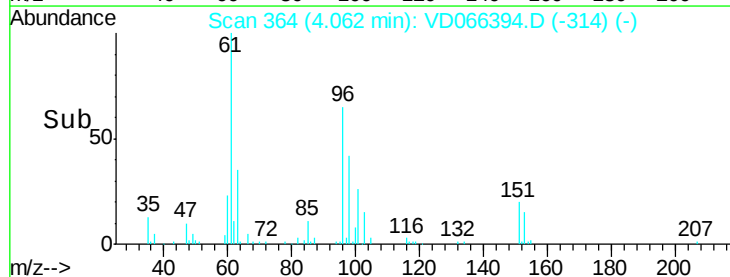
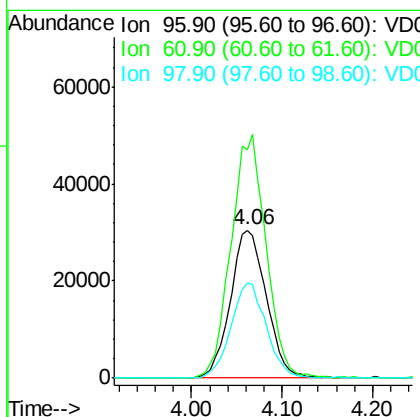
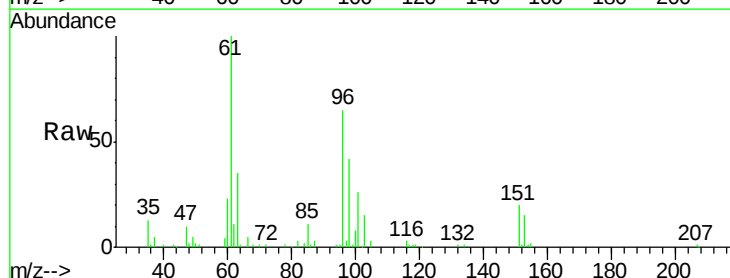
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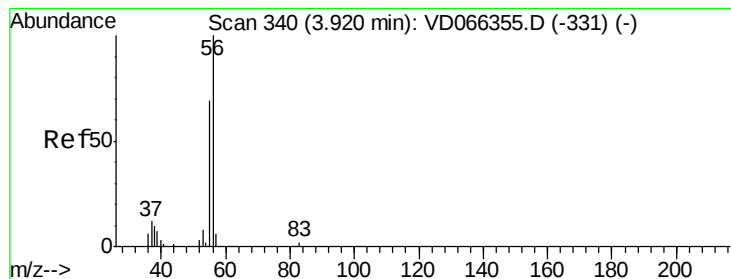
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.990 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 96 Resp: 83972
Ion Ratio Lower Upper
96 100
61 153.7 124.3 186.5
98 64.0 53.2 79.8





#13

Acrolein

Concen: 175.479 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 15745

Ion Ratio Lower Upper

56 100

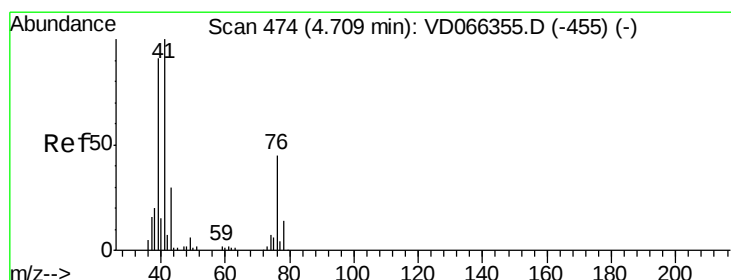
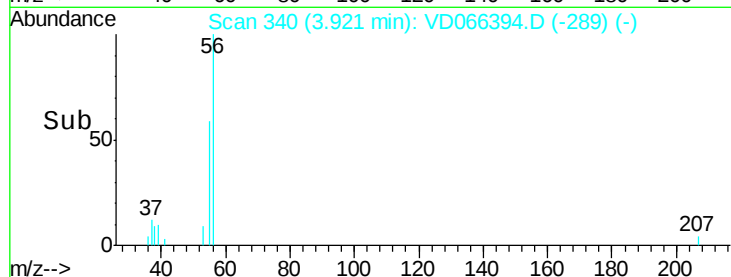
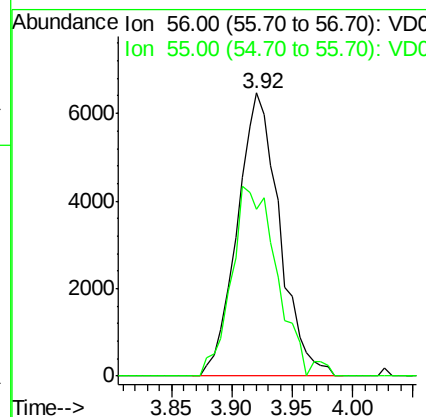
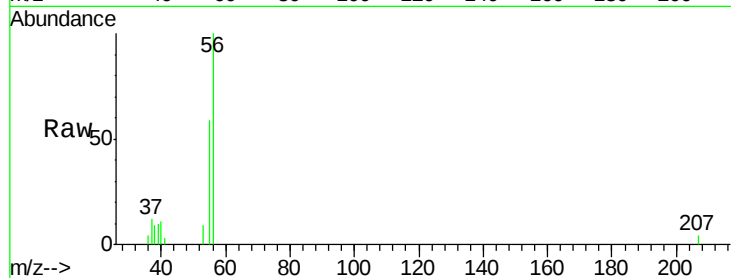
55 71.1 55.5 83.3

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#14

Allyl chloride

Concen: 48.730 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

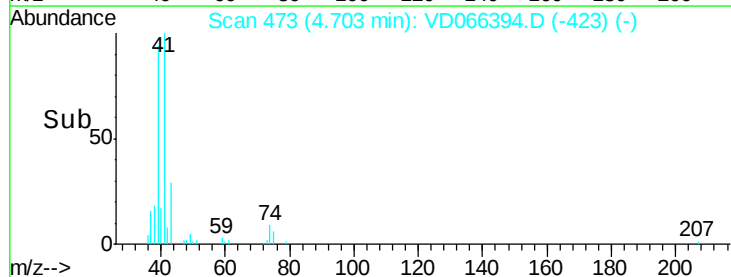
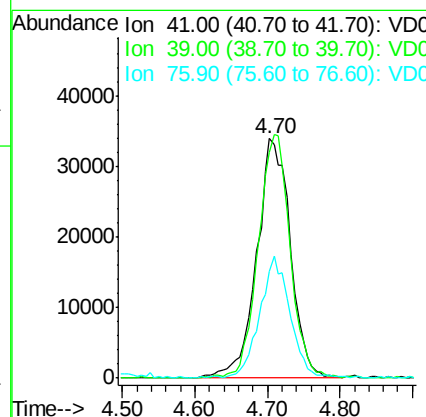
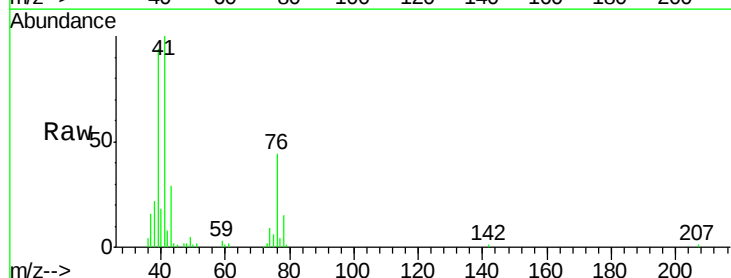
Tgt Ion: 41 Resp: 109255

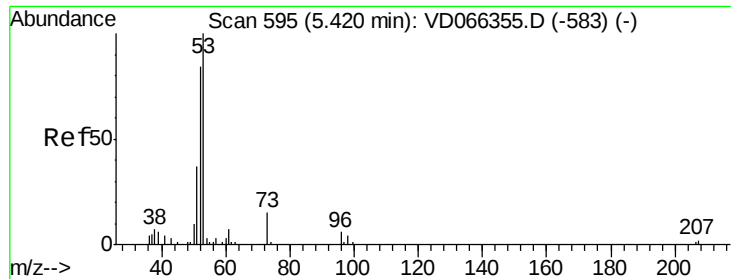
Ion Ratio Lower Upper

41 100

39 96.5 72.8 109.2

76 45.8 34.0 51.0





#15

Acrylonitrile

Concen: 247.968 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

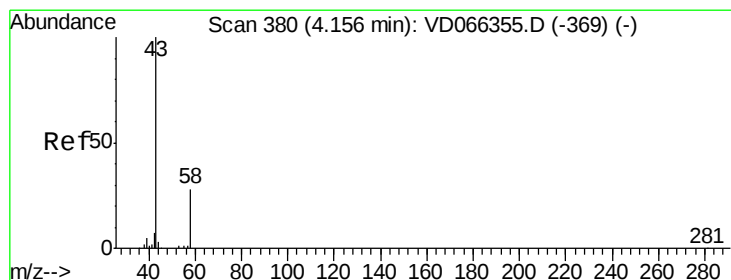
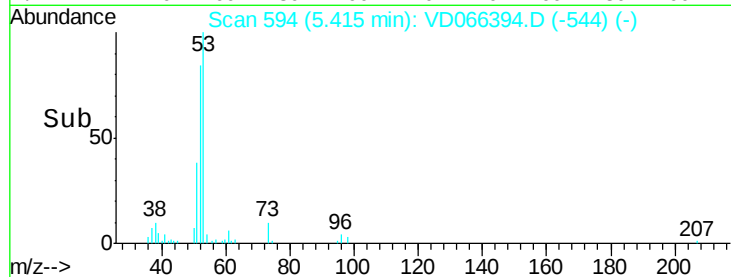
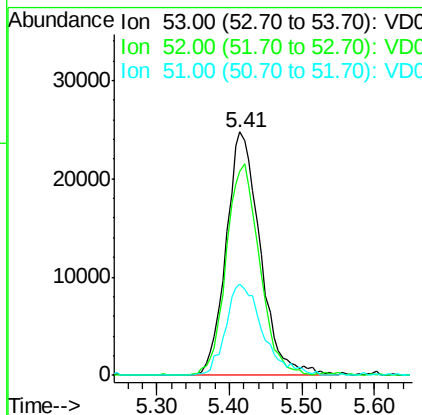
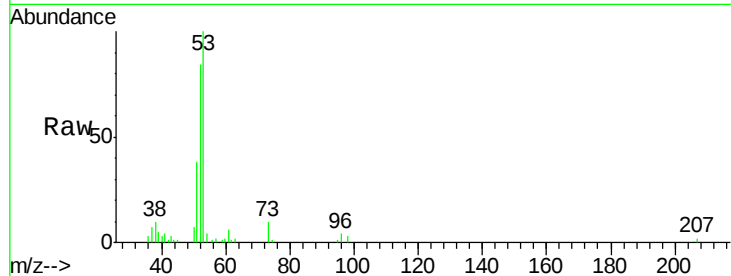
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	80830
Ion	Ratio	Lower	Upper
53	100		
52	84.8	68.1	102.1
51	40.5	33.8	50.6

Manual Integrations
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#16

Acetone

Concen: 257.058 ug/l

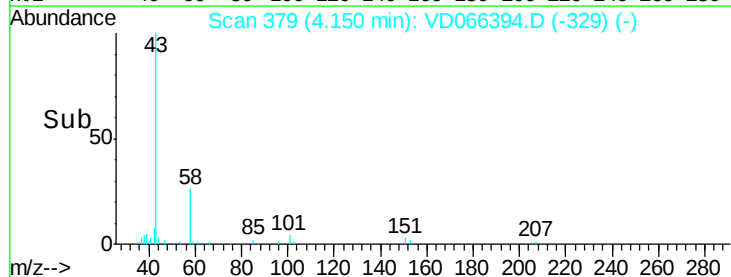
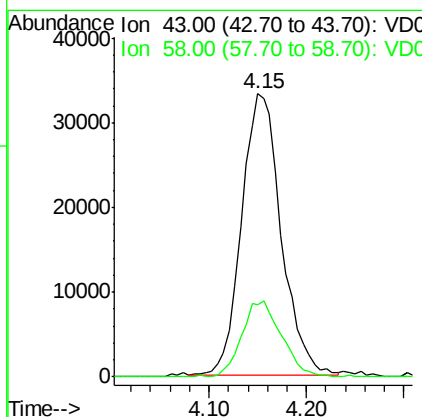
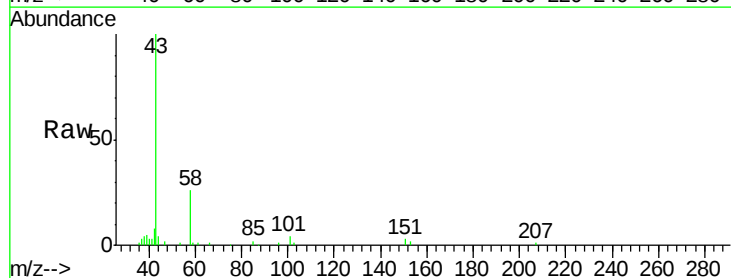
RT: 4.15 min Scan# 379

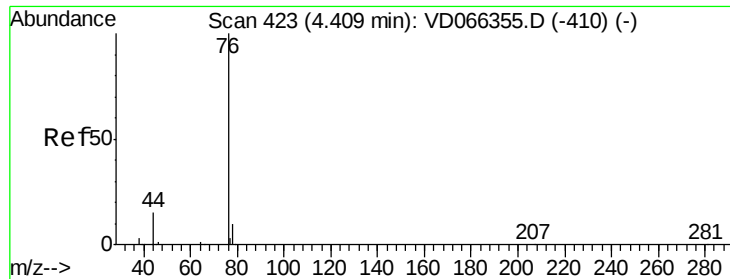
Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Tgt Ion:	43	Resp:	93640
Ion	Ratio	Lower	Upper
43	100		
58	25.7	22.7	34.1





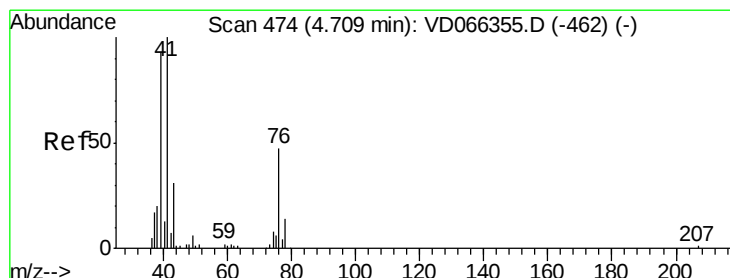
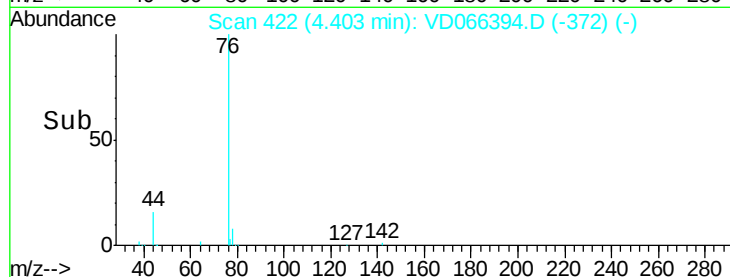
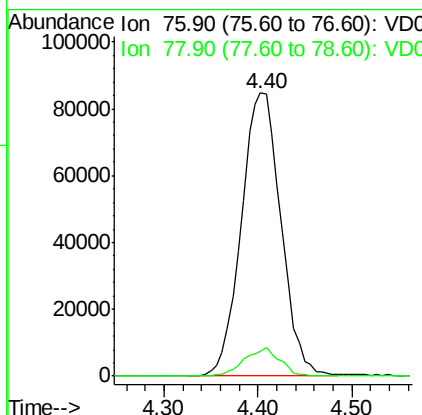
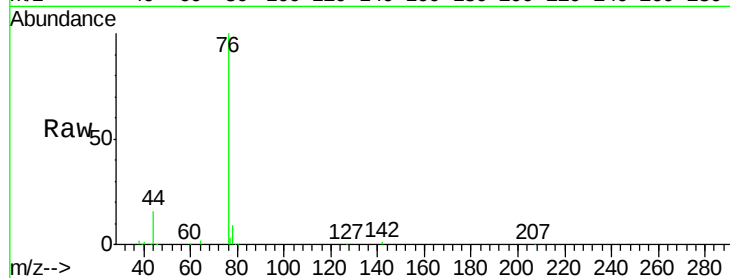
#17
Carbon Disulfide
Concen: 48.543 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	76	Resp	247114
Ion Ratio	Lower	Upper	
76	100		
78	8.7	7.7	11.5

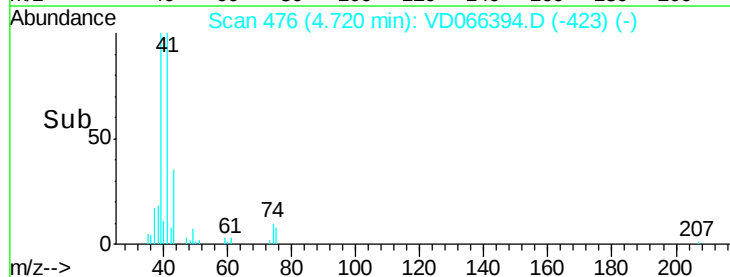
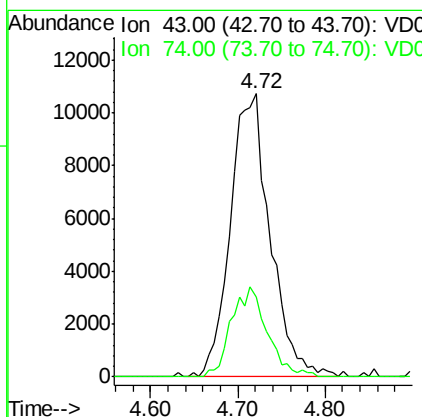
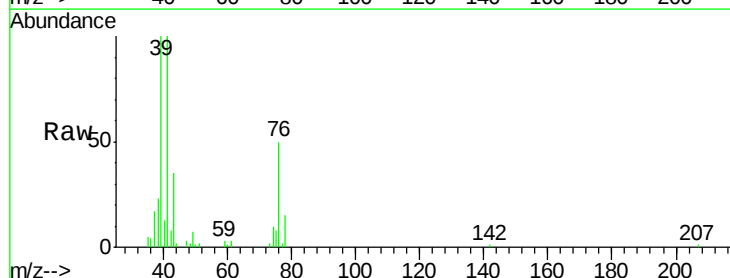
Manual Integrations
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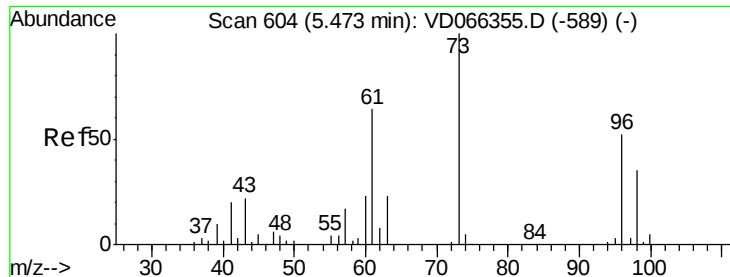
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#18
Methyl Acetate
Concen: 48.436 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	43	Resp	33115
Ion Ratio	Lower	Upper	
43	100		
74	28.7	21.0	31.6





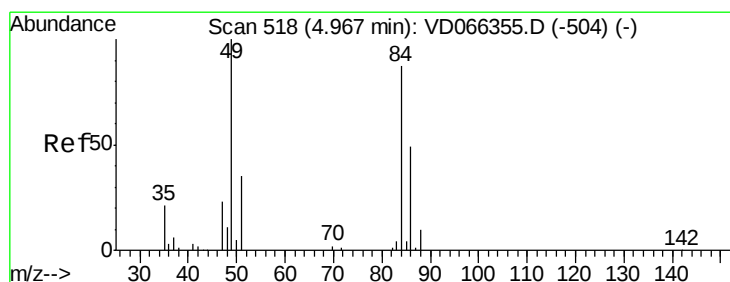
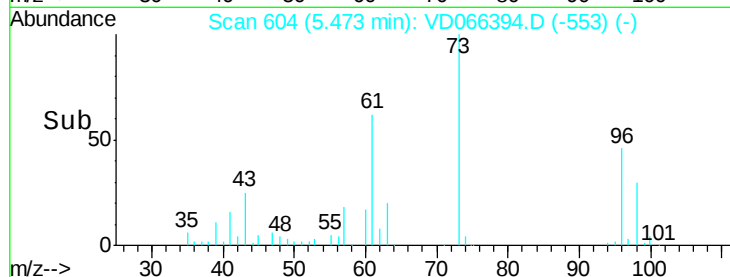
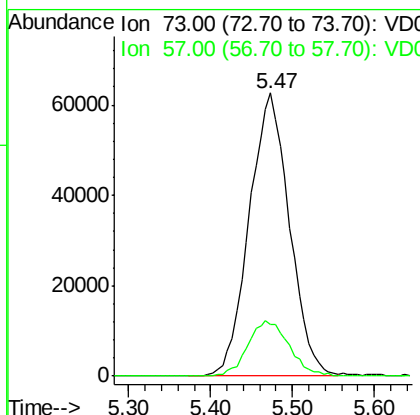
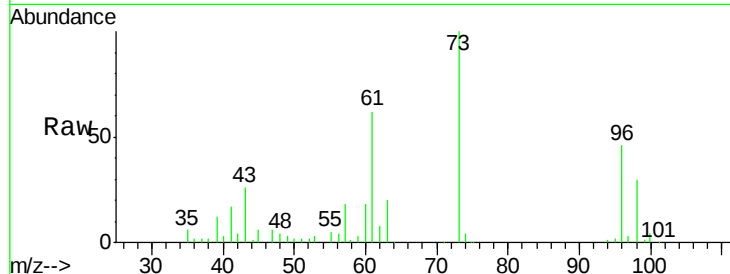
#19
Methyl tert-butyl Ether
Concen: 52.890 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.1	13.8	20.6

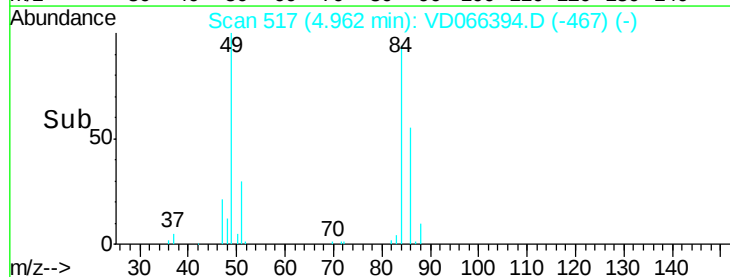
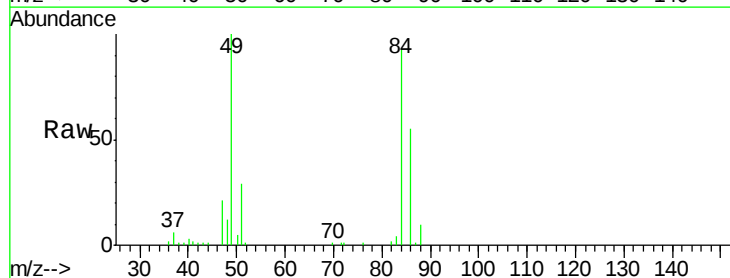
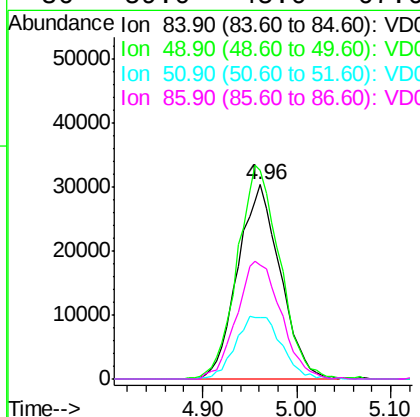
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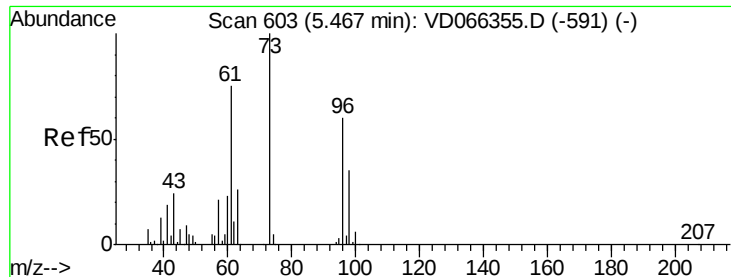
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#20
Methylene Chloride
Concen: 48.695 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.1	92.5	138.7
51	31.7	32.5	48.7#
86	59.0	45.0	67.6





#21

trans-1,2-Dichloroethene

Concen: 50.800 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

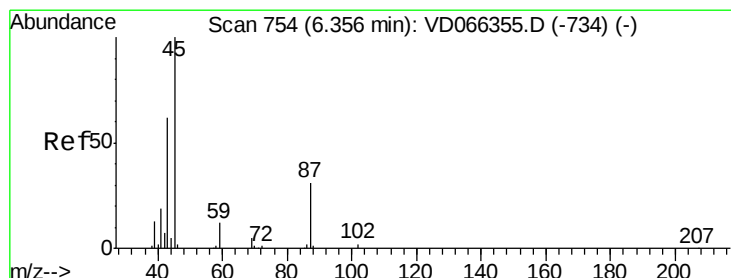
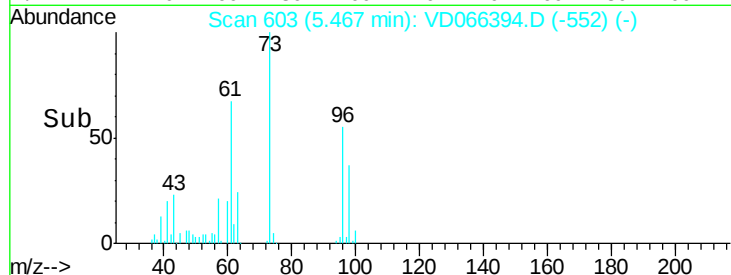
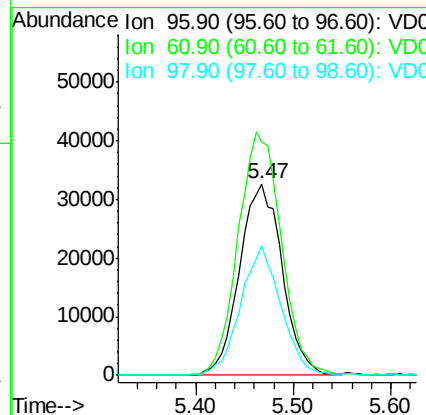
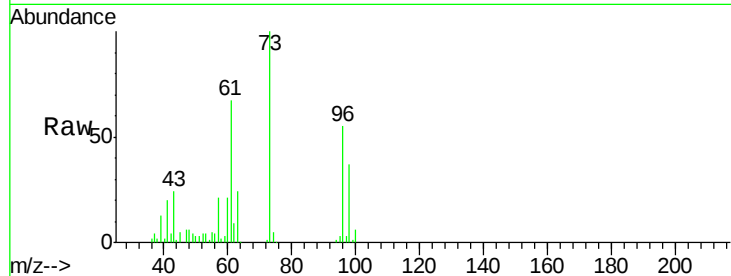
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	99330
Ion	Ratio	Lower	Upper
96	100		
61	121.1	101.1	151.7
98	67.4	47.0	70.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.786 ug/l

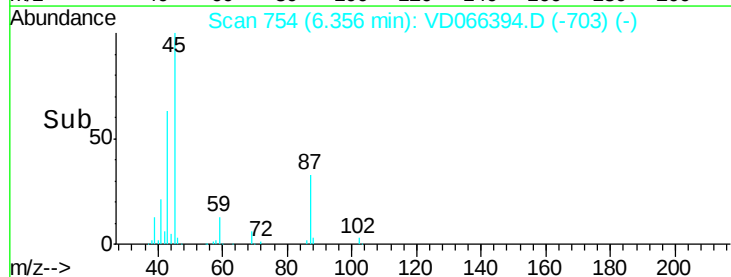
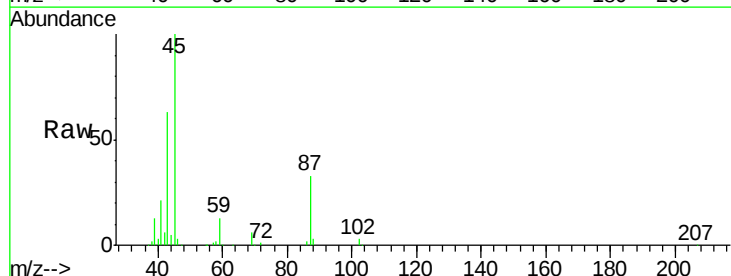
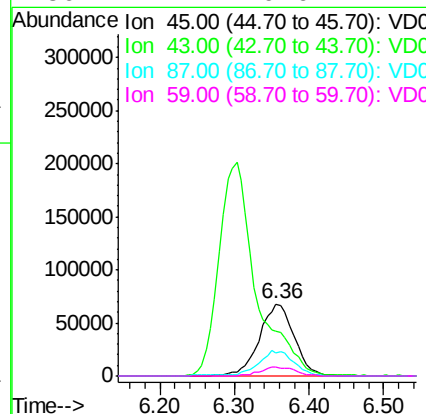
RT: 6.36 min Scan# 754

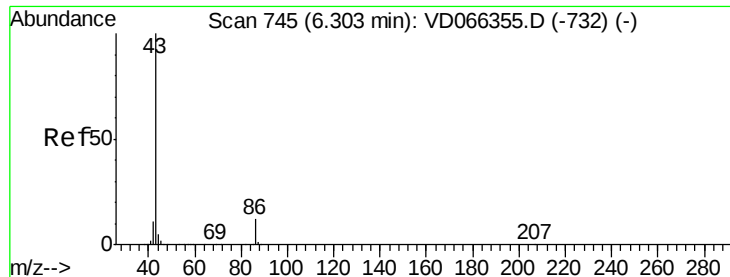
Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Tgt Ion:	45	Resp:	220457
Ion	Ratio	Lower	Upper
45	100		
43	60.6	49.8	74.8
87	32.5	25.0	37.6
59	12.2	9.6	14.4





#23

Vinyl Acetate

Concen: 260.455 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 699917

Ion Ratio Lower Upper

43 100

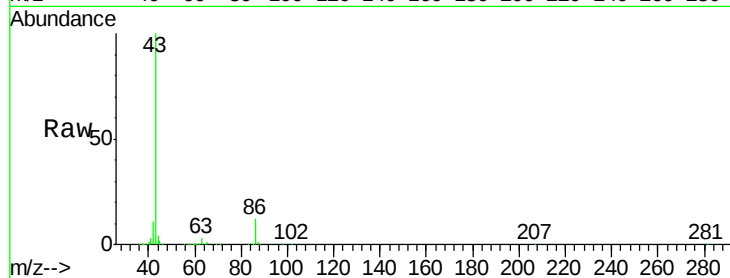
86 12.0 9.4 14.0

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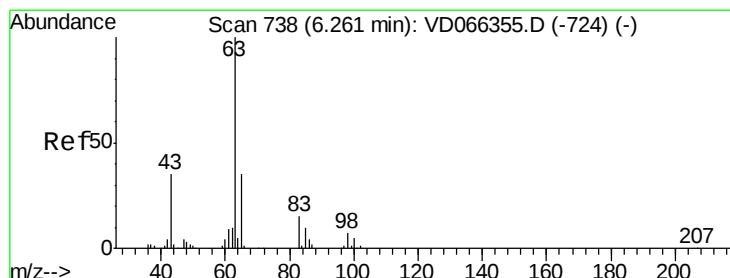
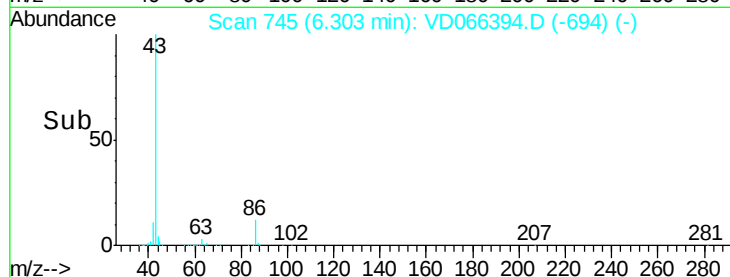
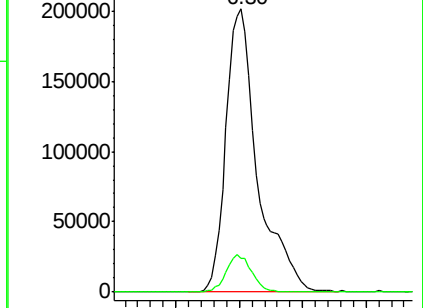
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 52.270 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

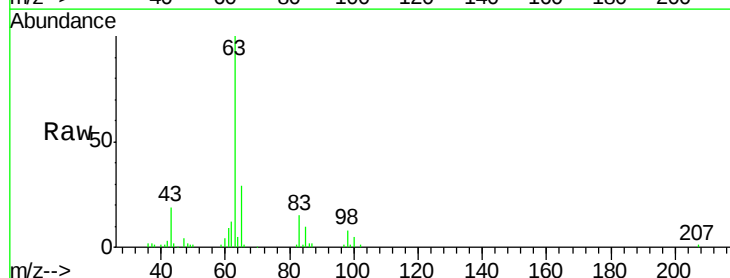
Tgt Ion: 63 Resp: 160346

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.6

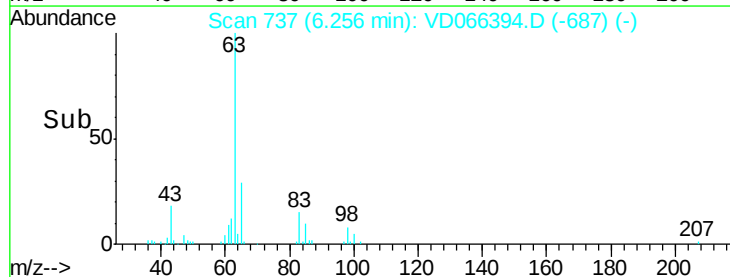
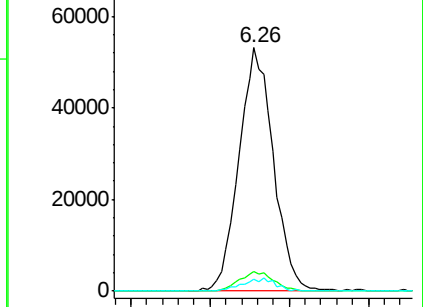
100 5.1 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 258.142 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 106753

Ion Ratio Lower Upper

43 100

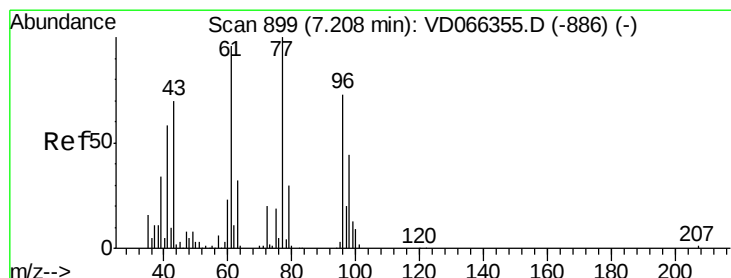
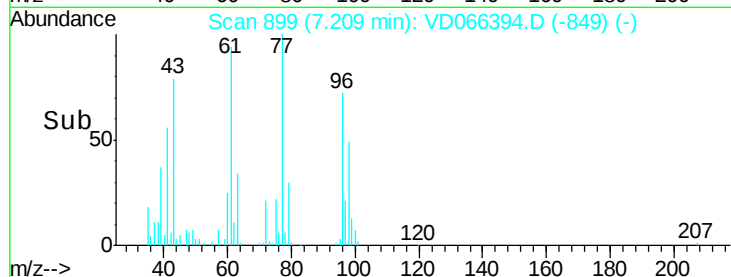
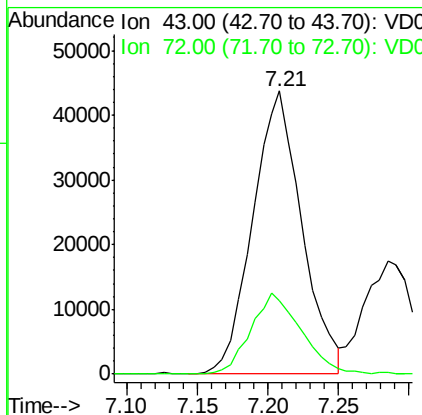
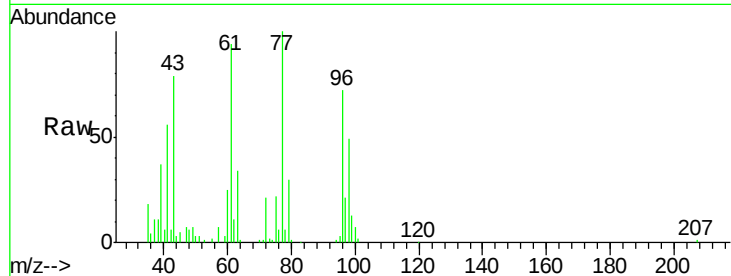
72 25.9 22.5 33.7

Manual Integrations

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8/26/2020 4:23:00 PM



#26

2,2-Dichloropropane

Concen: 52.388 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066394.D

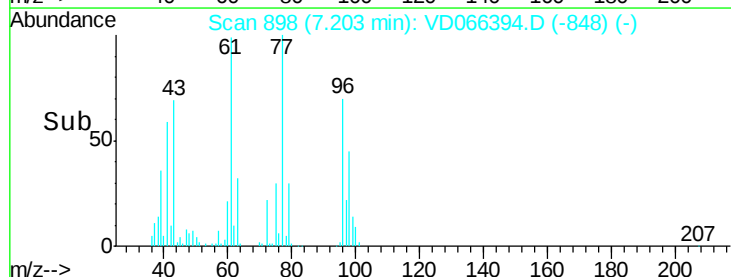
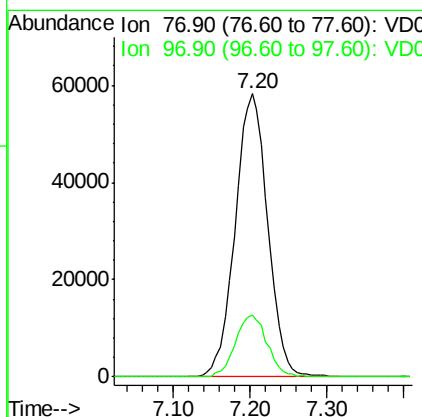
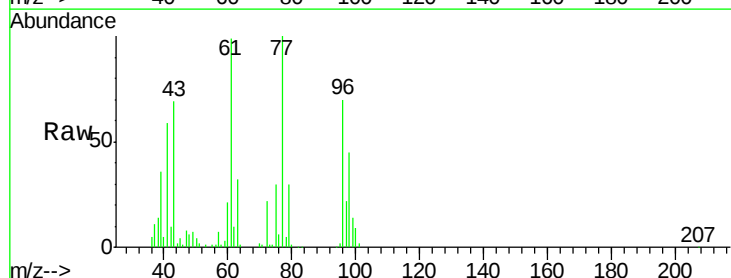
Acq: 25 Aug 2020 11:11

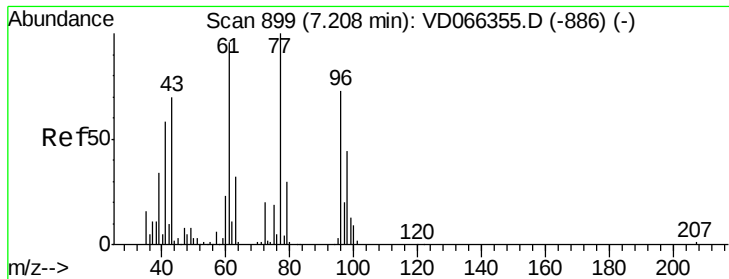
Tgt Ion: 77 Resp: 172245

Ion Ratio Lower Upper

77 100

97 21.3 10.7 31.9





#27

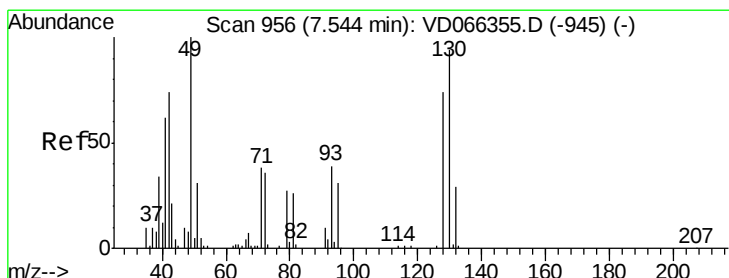
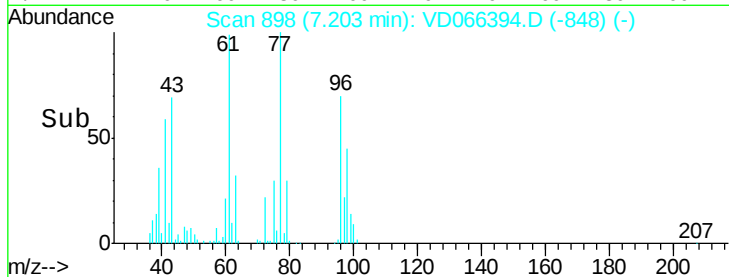
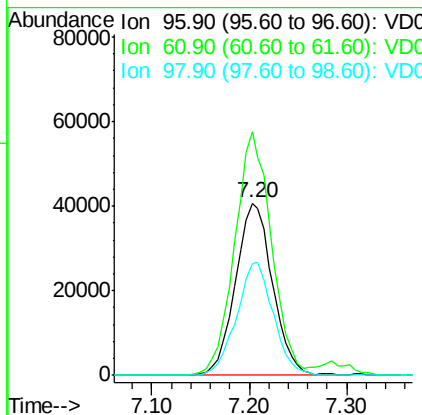
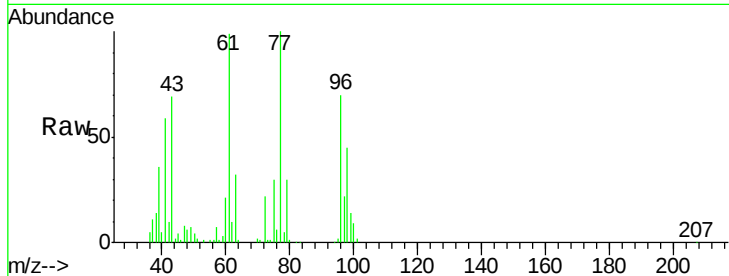
cis-1,2-Dichloroethene
 Concen: 51.493 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.8	0.0	281.4	
98	65.2	0.0	132.2	

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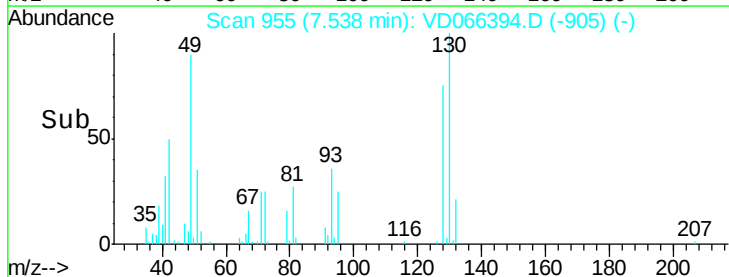
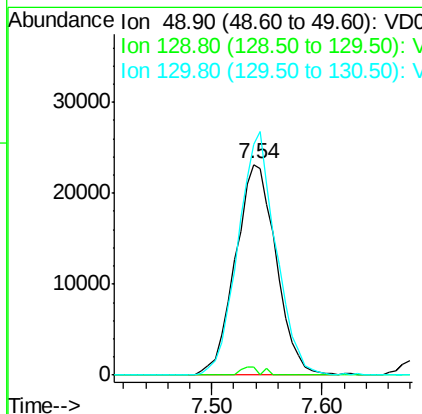
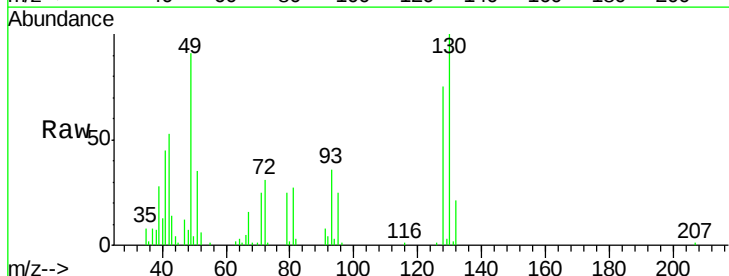
MMDadoda
 8/26/2020 4:23:00 PM

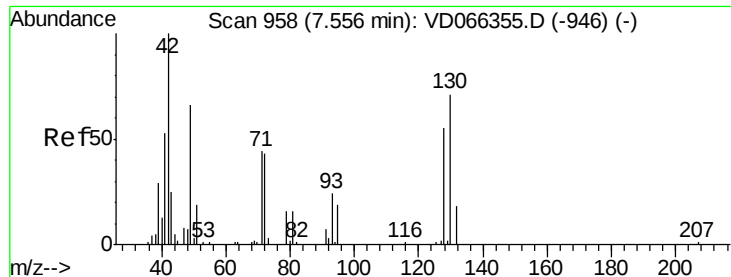


#28

Bromochloromethane
 Concen: 56.964 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.0	
130	106.8	82.6	124.0	





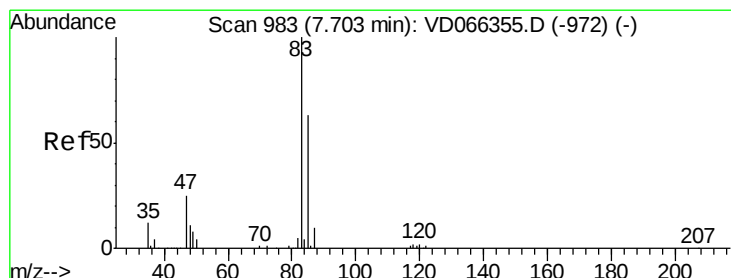
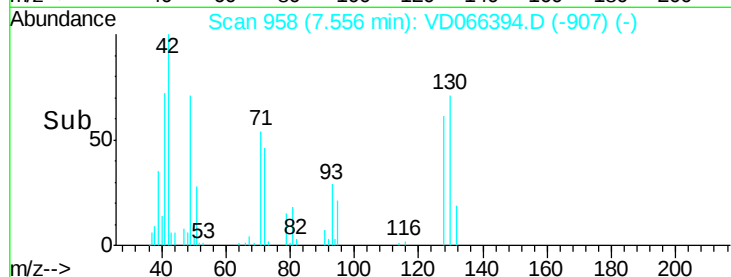
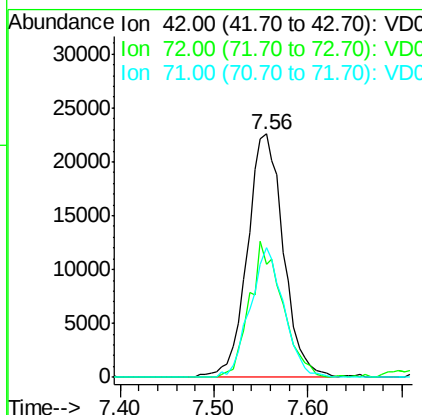
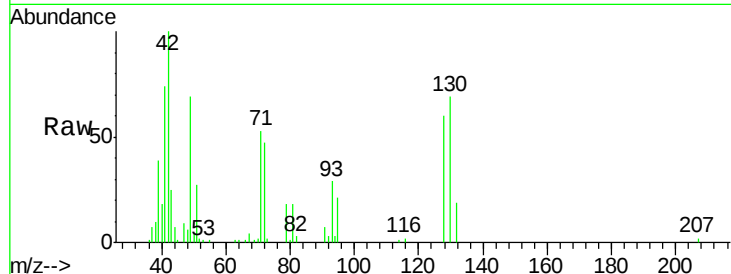
#29
Tetrahydrofuran
Concen: 254.514 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.0	41.0	61.4
71	49.8	37.2	55.8

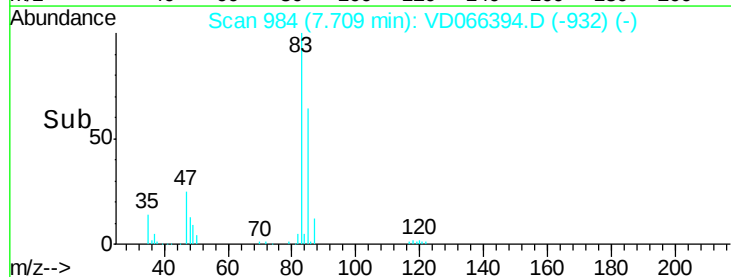
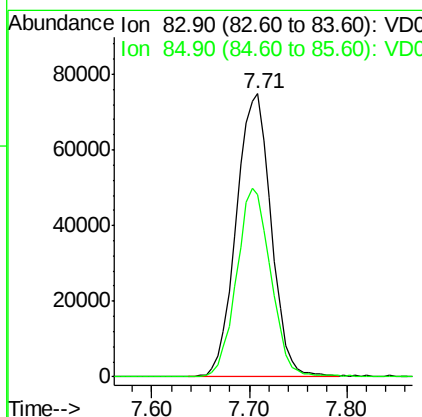
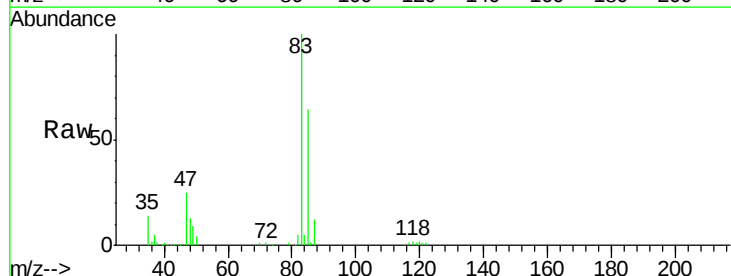
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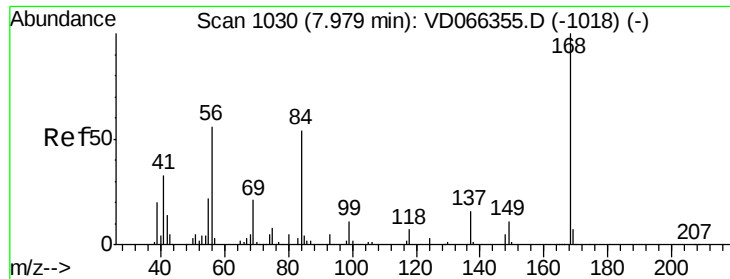
MMDadoda
8/26/2020 4:23:00 PM



#30
Chloroform
Concen: 52.679 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5





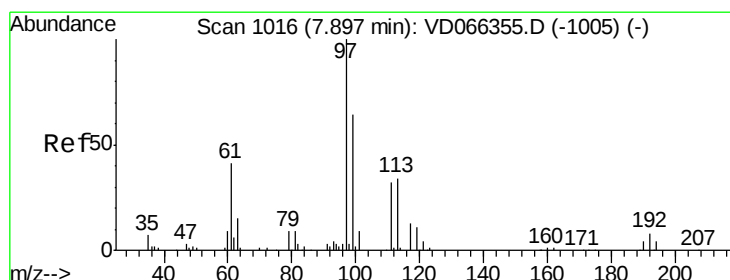
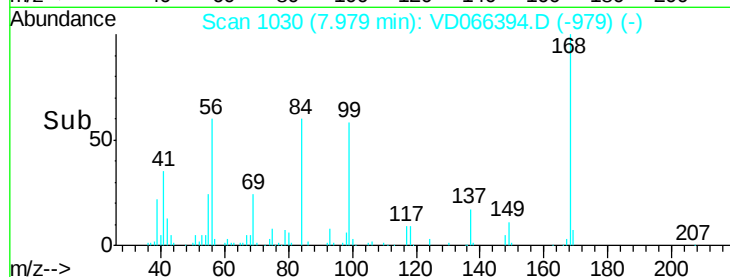
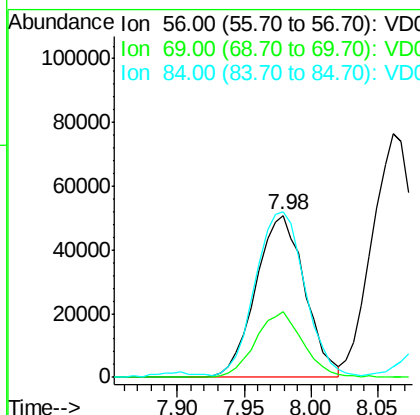
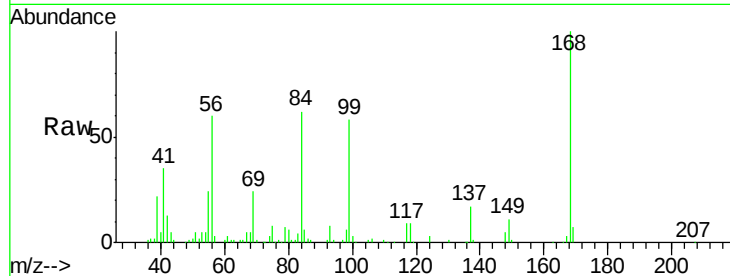
#31
Cyclohexane
Concen: 46.181 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.5	29.6	44.4
84	100.7	76.6	115.0

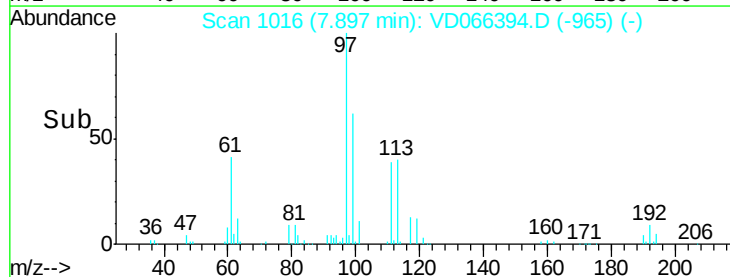
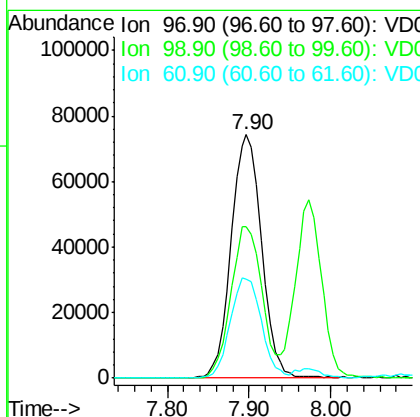
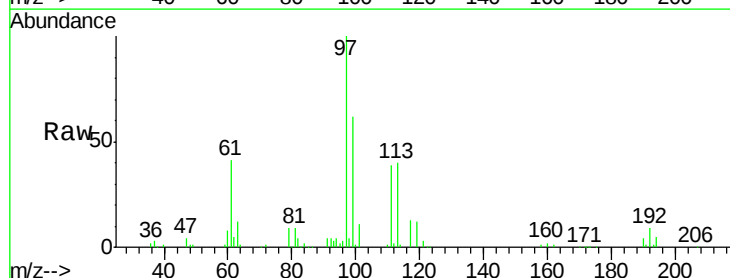
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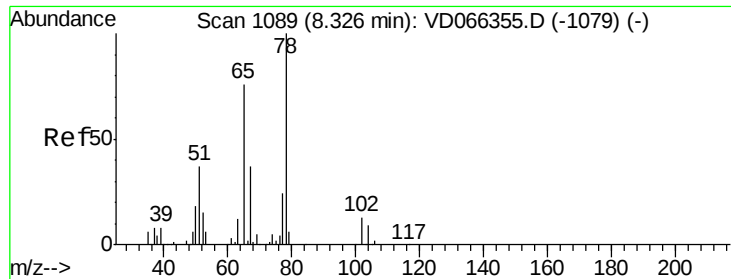
MMDadoda
8/26/2020 4:23:00 PM



#32
1,1,1-Trichloroethane
Concen: 52.997 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.5	77.3
61	42.0	33.3	49.9





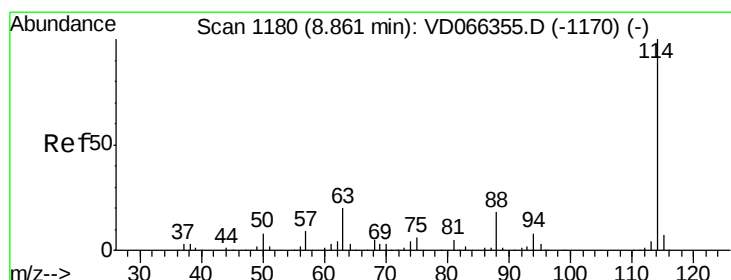
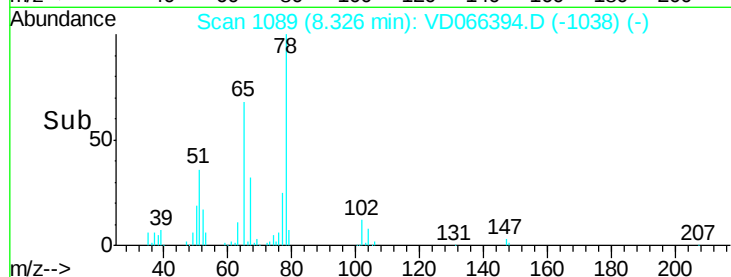
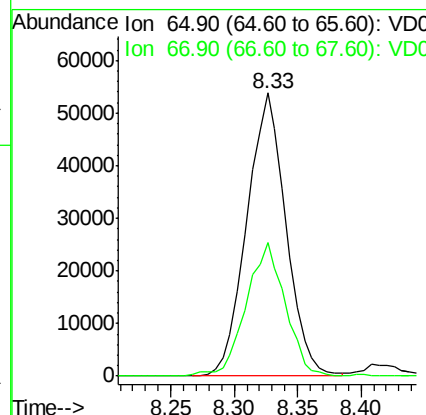
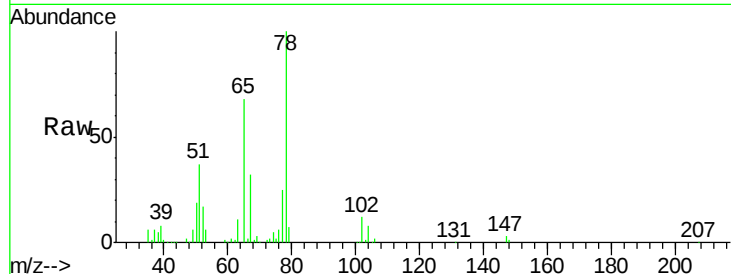
#33
 1,2-Dichloroethane-d4
 Concen: 57.285 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	115748		
67	46.9	0.0	101.6	

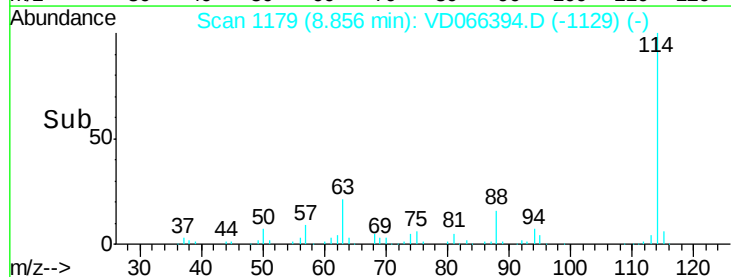
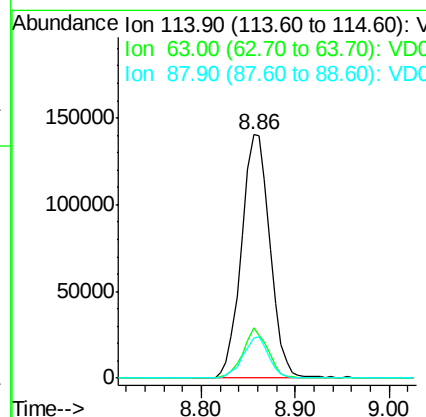
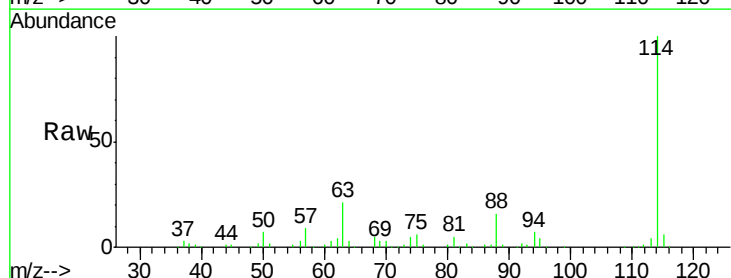
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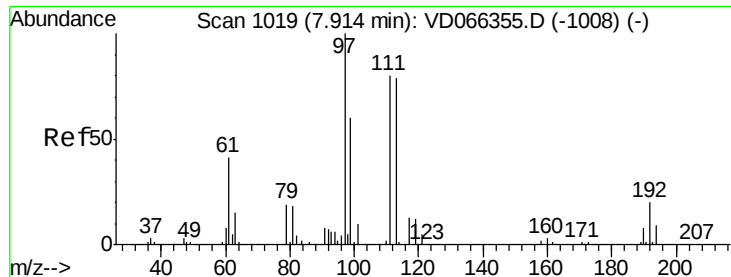
MMDadoda
 8/26/2020 4:23:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	295402		
63	20.9	0.0	40.8	
88	16.3	0.0	35.4	





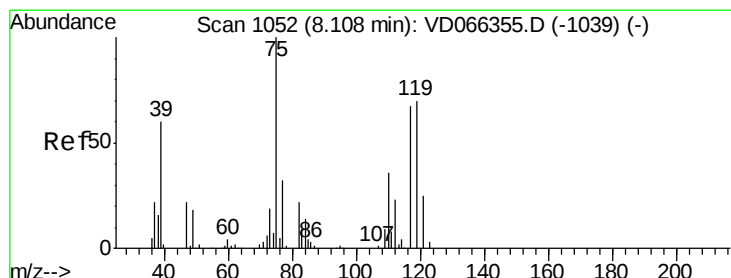
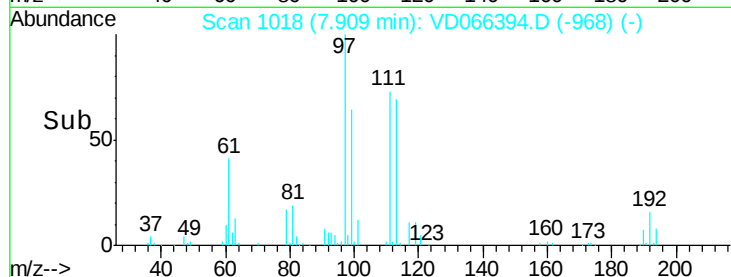
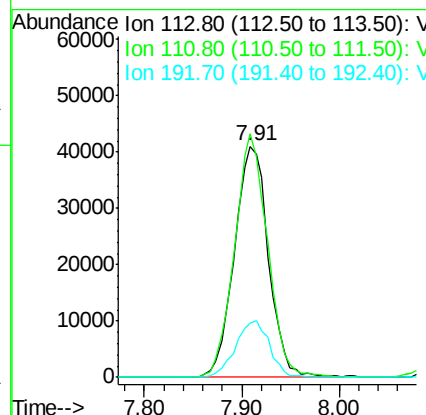
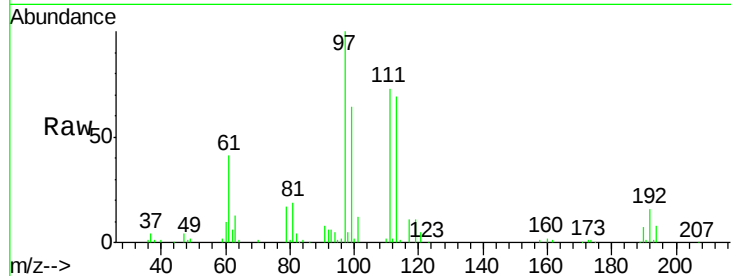
#35
 Dibromofluoromethane
 Concen: 53.731 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	99251		
111	101.8	80.3	120.5	
192	24.1	19.0	28.6	

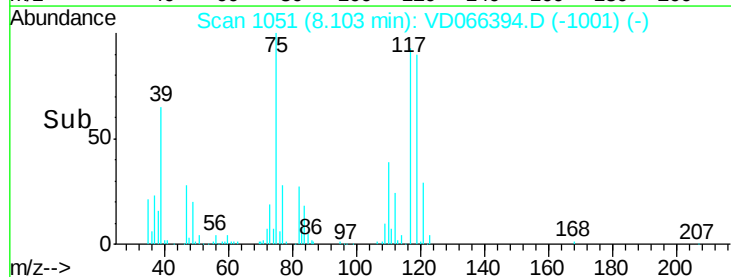
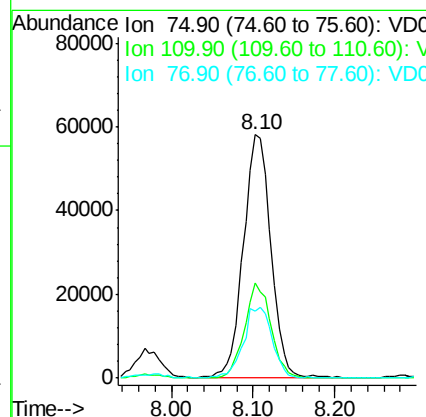
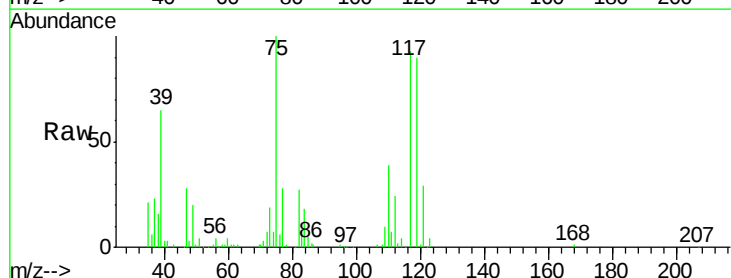
Manual Integrations
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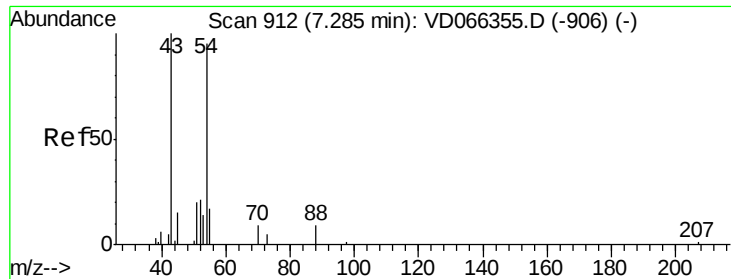
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 8/26/2020 4:23:00 PM



#36
 1,1-Dichloropropene
 Concen: 50.740 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	136763		
110	37.3	18.7	56.1	
77	30.6	25.2	37.8	





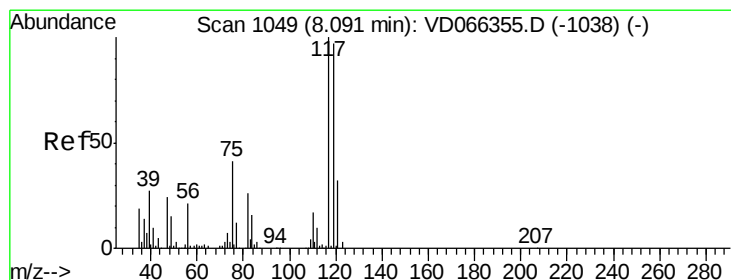
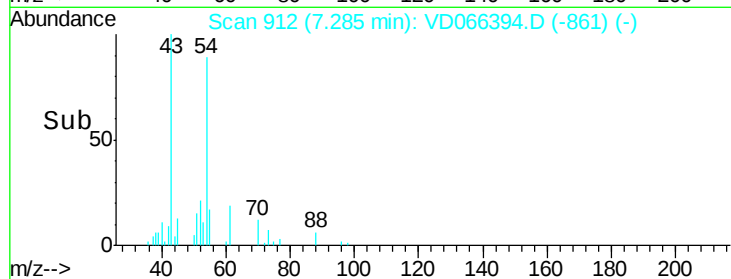
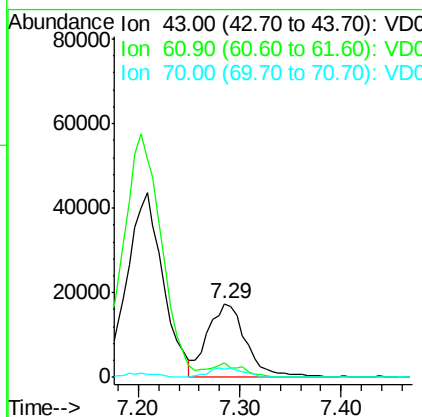
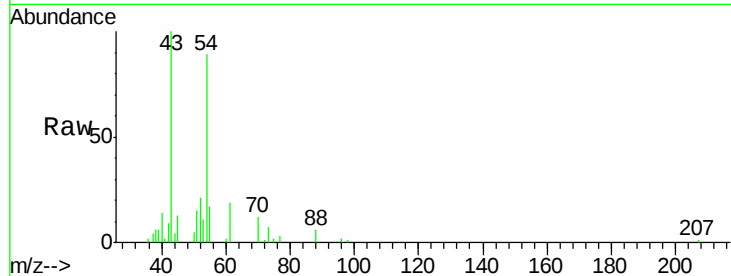
#37
Ethyl Acetate
Concen: 50.174 ug/l
RT: 7.29 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	13.3	19.9
70	11.9	3.5	5.3

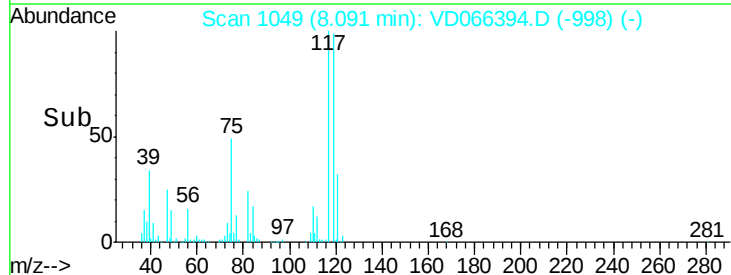
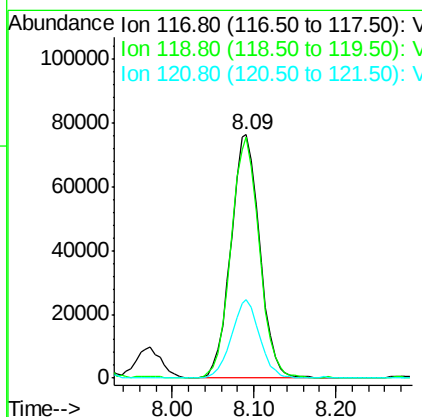
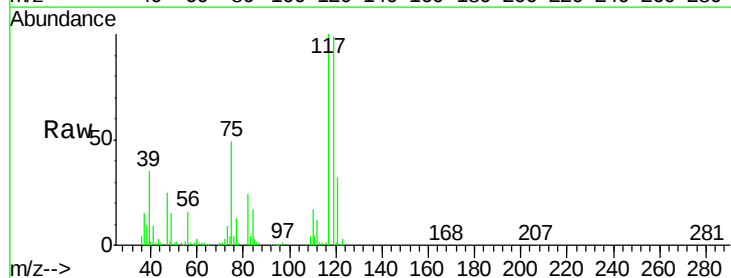
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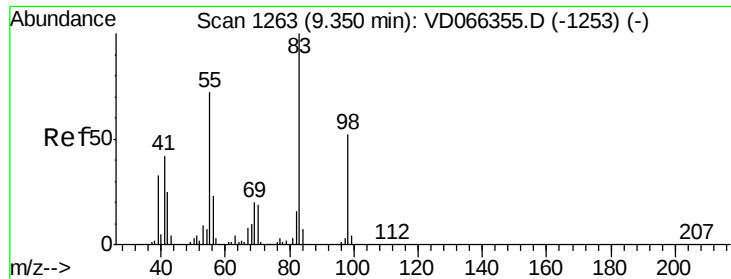
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8/26/2020 4:23:00 PM



#38
Carbon Tetrachloride
Concen: 53.442 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.2	115.8
121	32.3	25.8	38.8





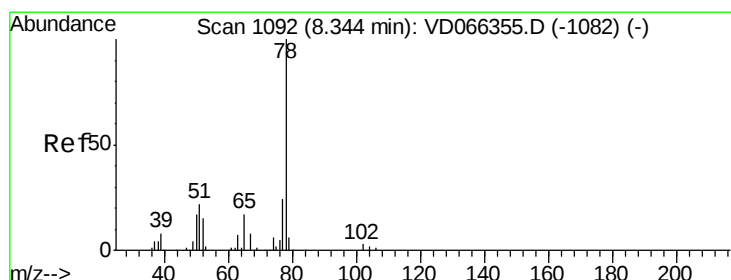
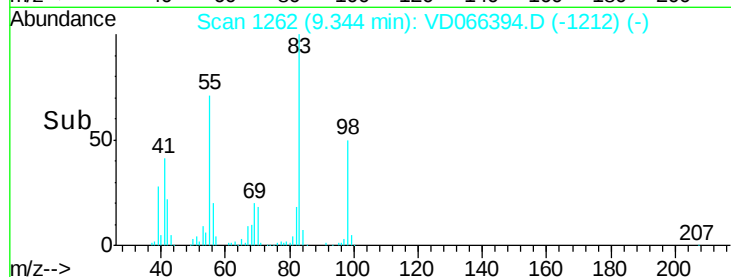
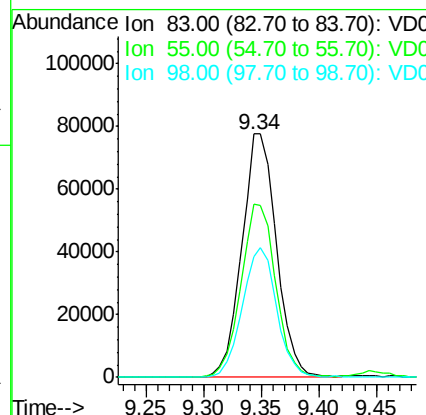
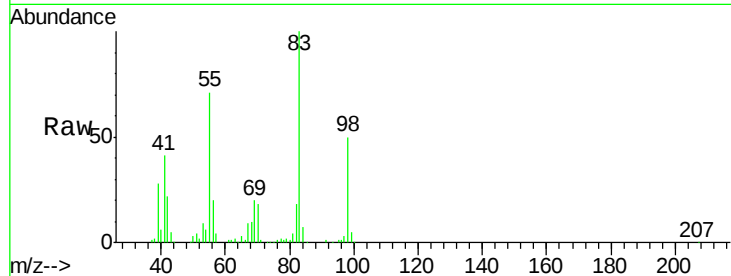
#39
Methvlcvclohexane
Concen: 51.154 ug/l
RT: 9.34 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.3	58.0	87.0
98	49.7	41.9	62.9

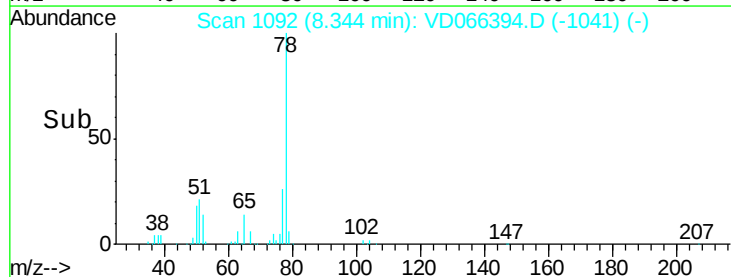
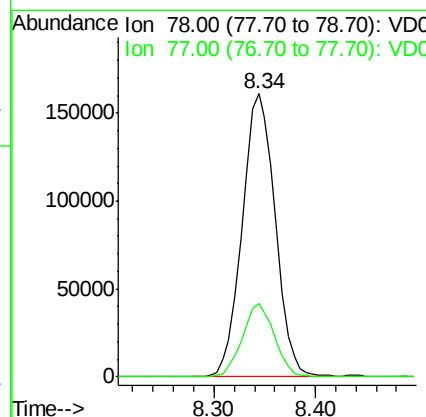
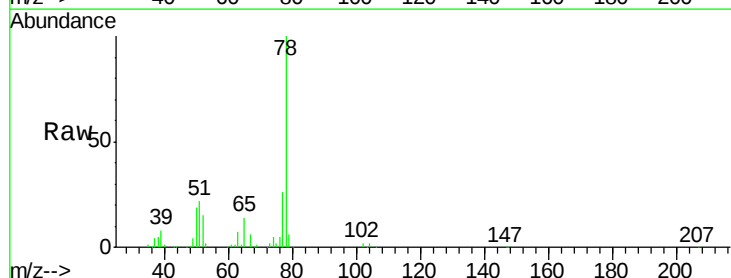
Manual Integrations
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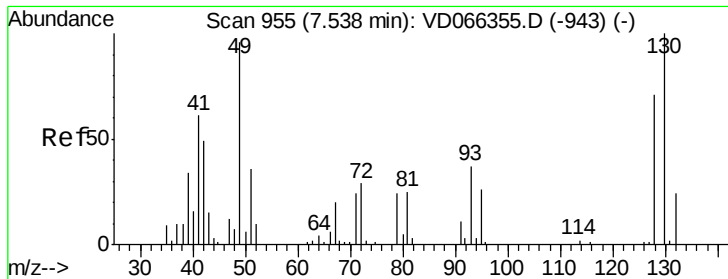
MMDadoda
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#40
Benzene
Concen: 51.309 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.1	18.8	28.2





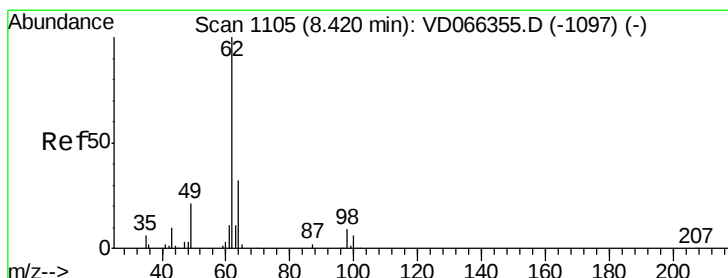
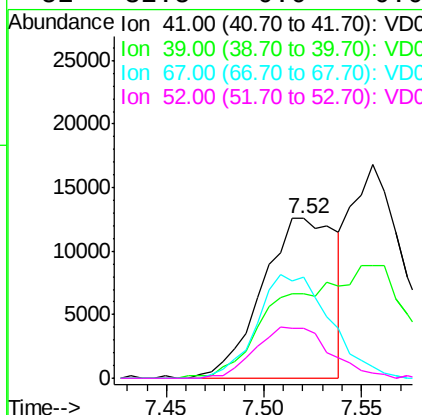
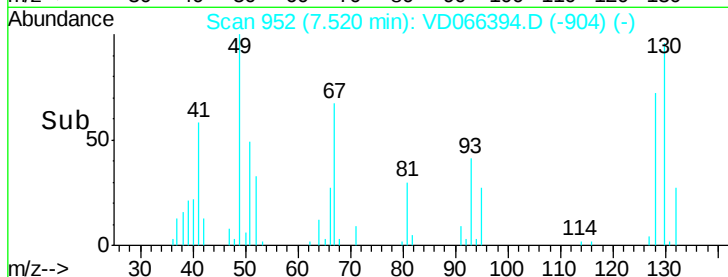
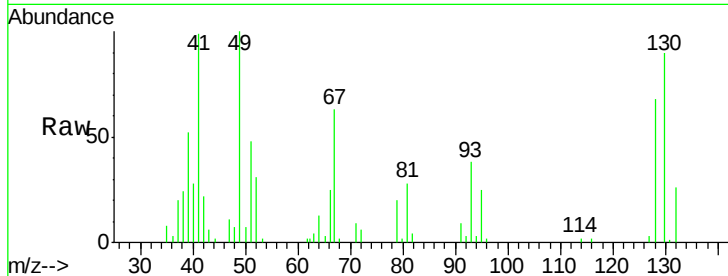
#41
Methacrylonitrile
Concen: 58.341 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.8	77.8#
67	63.9	0.0	0.0#
52	32.5	0.0	0.0#

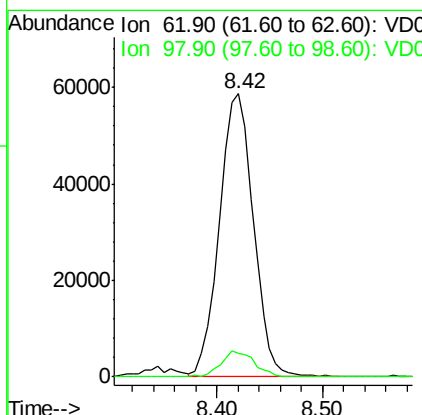
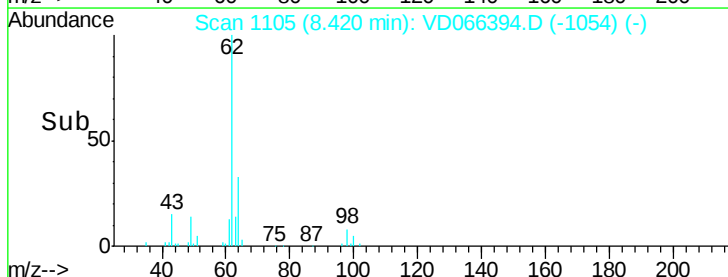
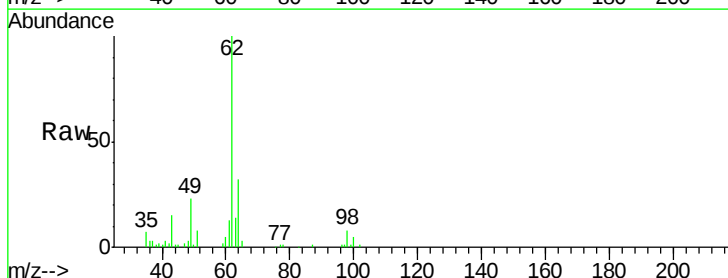
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#42
1,2-Dichloroethane
Concen: 52.544 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.2





#43

Isopropyl Acetate

Concen: 50.664 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

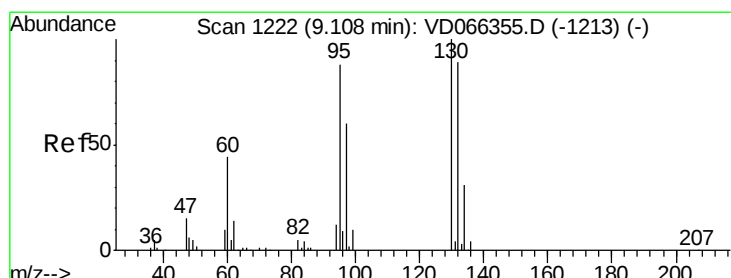
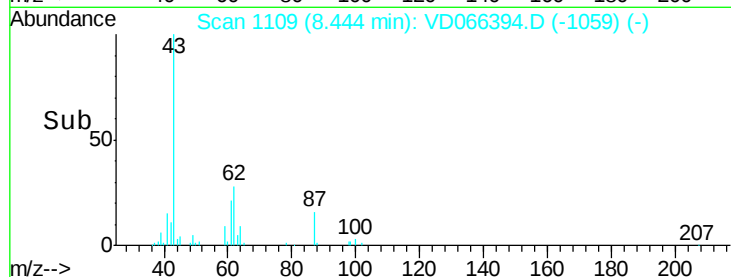
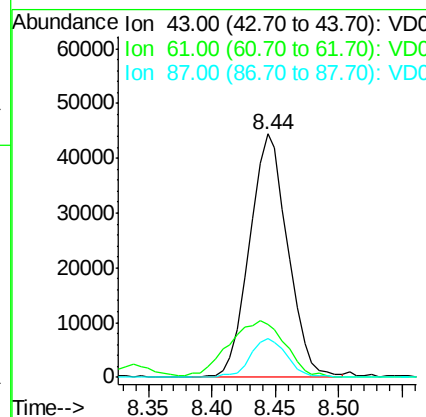
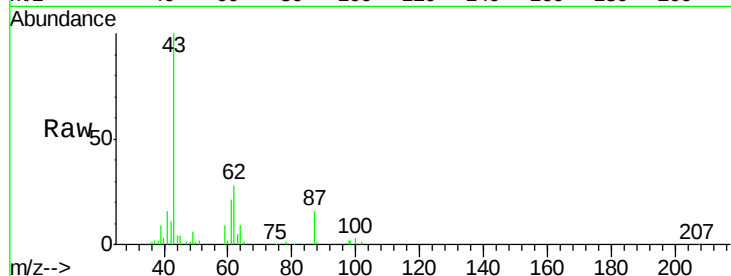
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	93222
Ion	Ratio	Lower	Upper
43	100		
61	34.5	26.5	39.7
87	15.3	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 50.770 ug/l

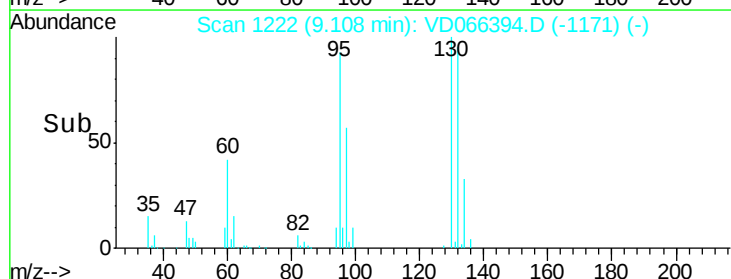
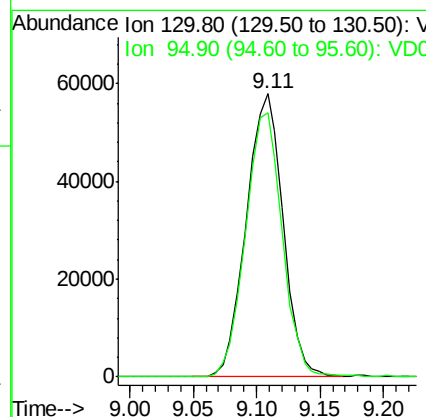
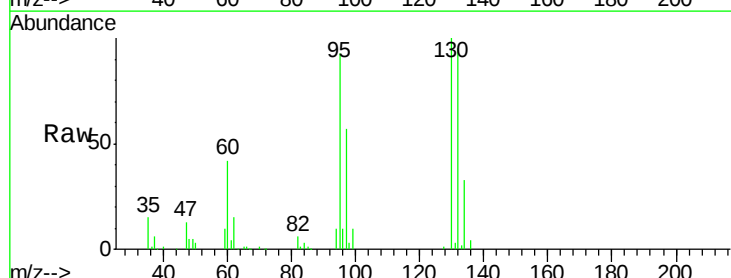
RT: 9.11 min Scan# 1222

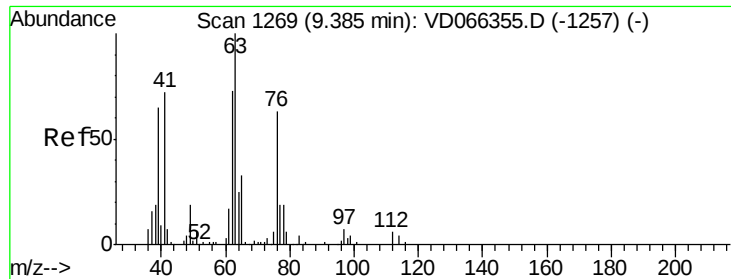
Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Tgt Ion:	130	Resp:	116974
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	175.6





#45

1,2-Dichloropropane

Concen: 50.551 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 81260

Ion Ratio Lower Upper

63 100

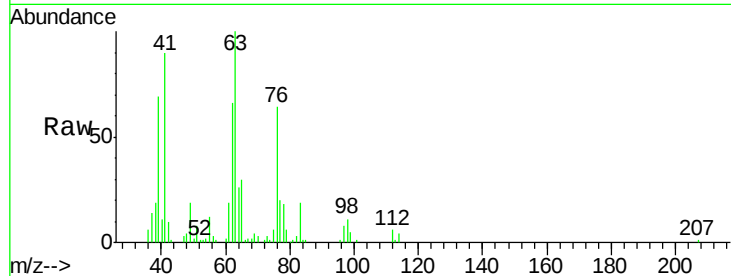
65 29.6 26.4 39.6

Manual Integrations

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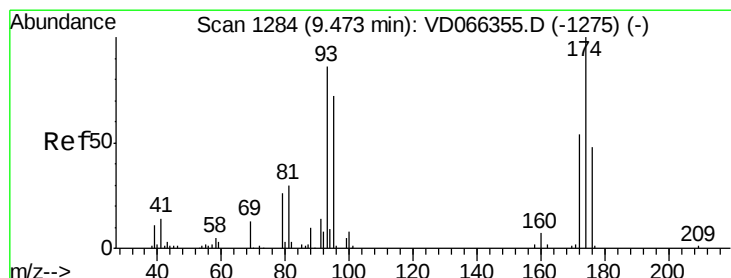
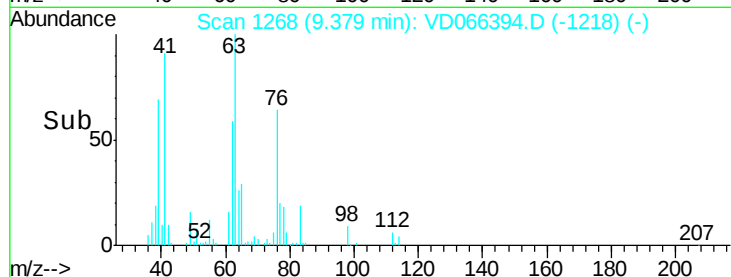
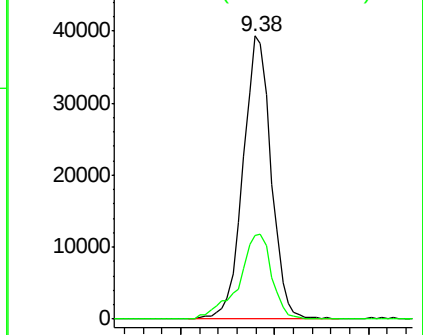
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 53.146 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

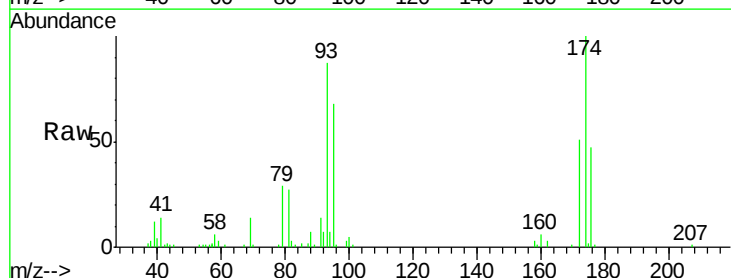
Tgt Ion: 93 Resp: 53191

Ion Ratio Lower Upper

93 100

95 79.8 66.0 99.0

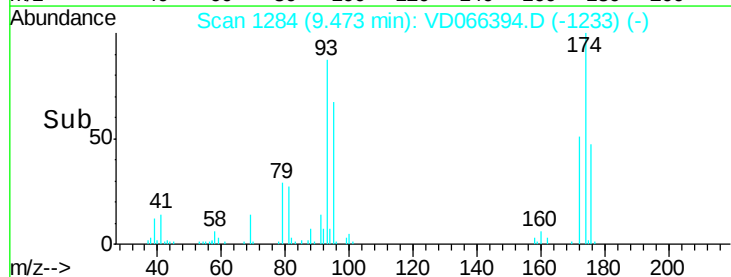
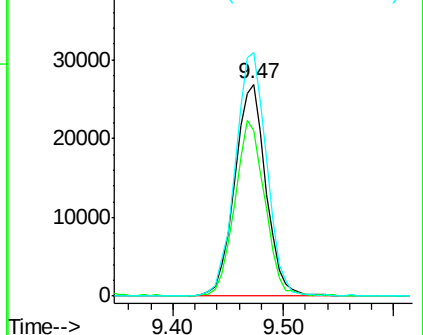
174 116.3 94.6 141.8

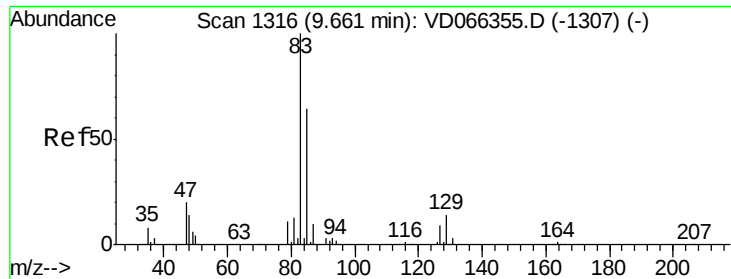


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.307 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

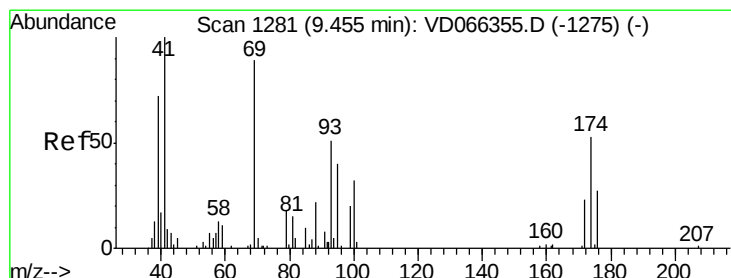
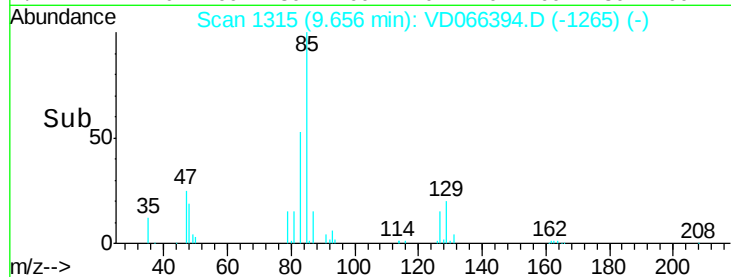
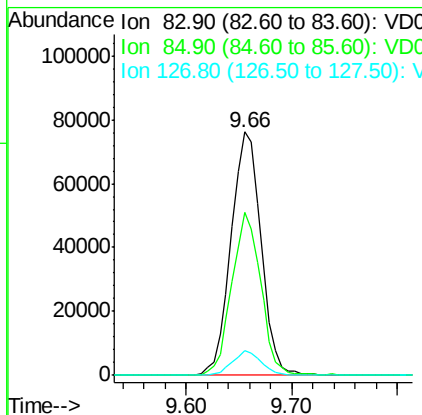
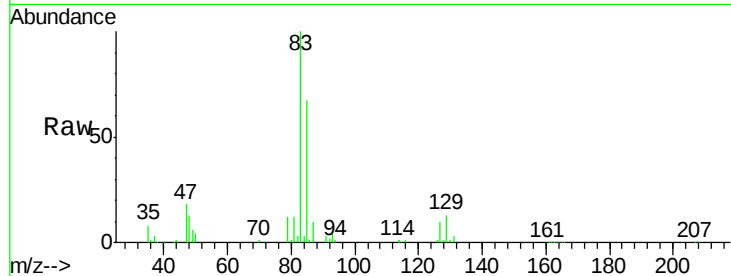
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	149474
Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.4	77.0
127	10.2	7.4	11.0

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#48

Methyl methacrylate

Concen: 48.471 ug/l

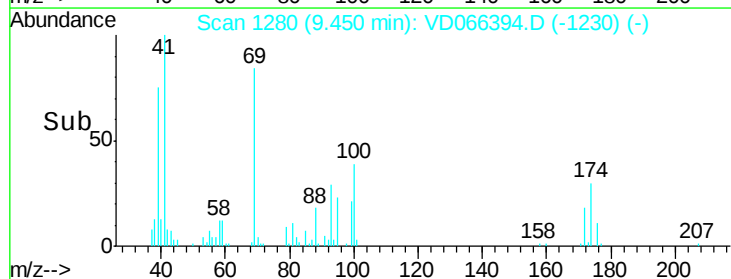
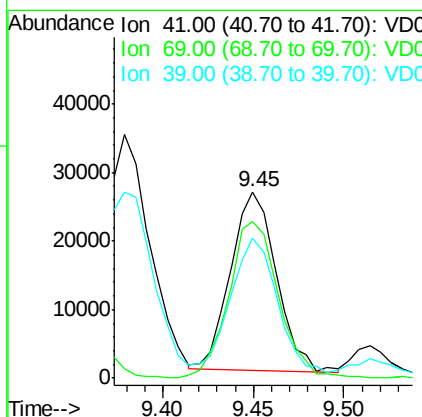
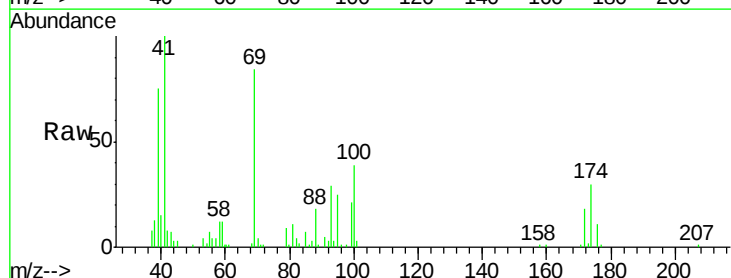
RT: 9.45 min Scan# 1280

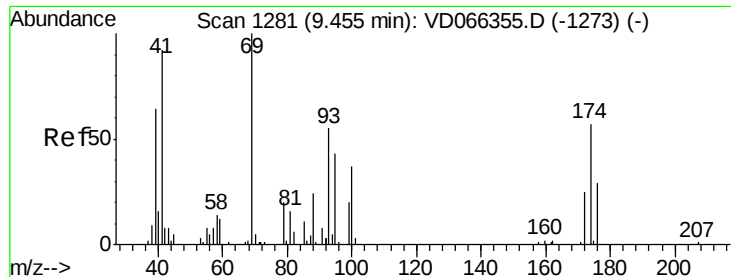
Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Tgt Ion:	41	Resp:	45991
Ion	Ratio	Lower	Upper
41	100		
69	95.3	75.5	113.3
39	77.0	57.0	85.4





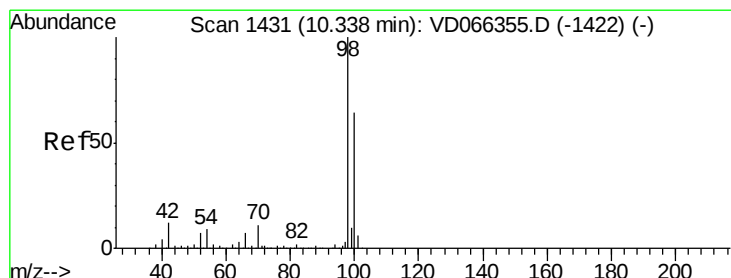
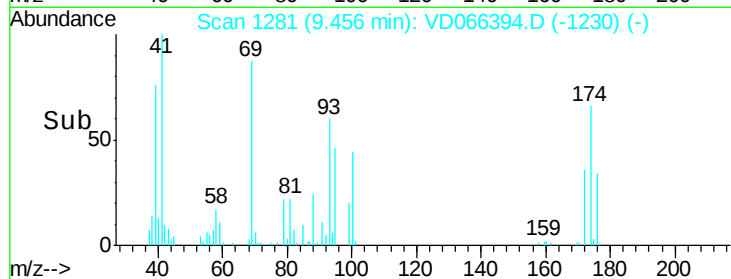
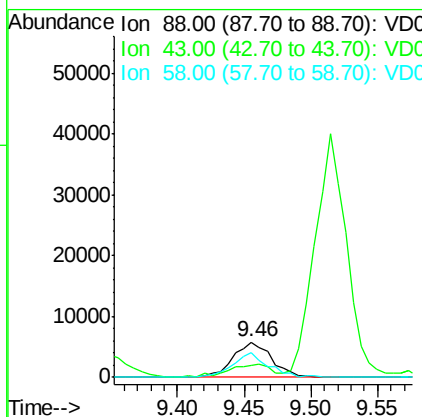
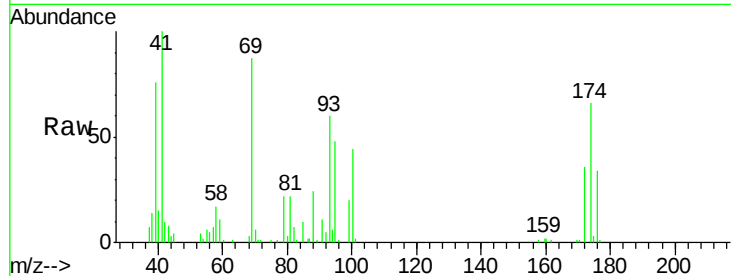
#49
1,4-Dioxane
Concen: 1012.779 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	11770
Ion	Ratio	Lower	Upper
88	100		
43	42.3	29.4	44.0
58	63.7	45.4	68.2

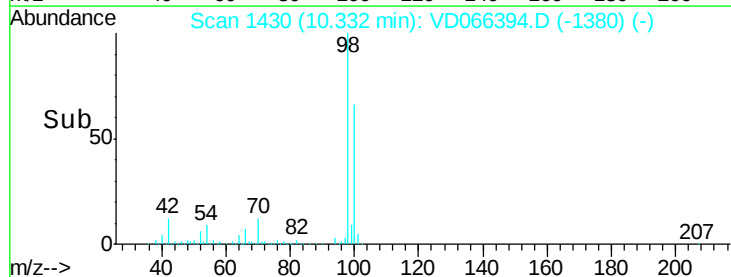
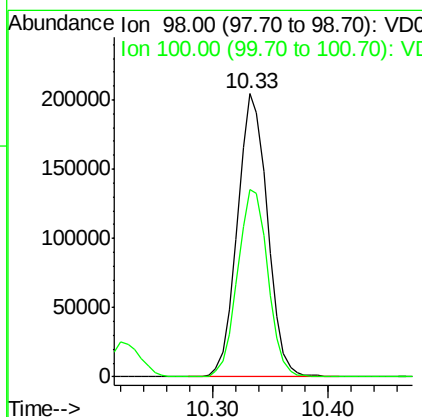
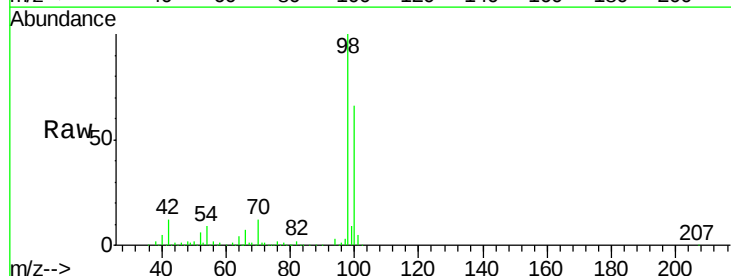
Manual Integrations
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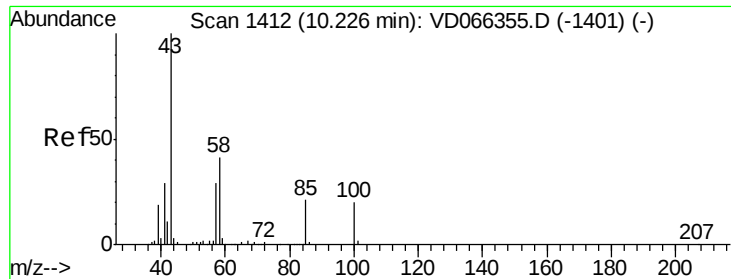
MMDadoda
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#50
Toluene-d8
Concen: 54.678 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	98	Resp	369548
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 253.387 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 22546

Ion Ratio Lower Upper

43 100

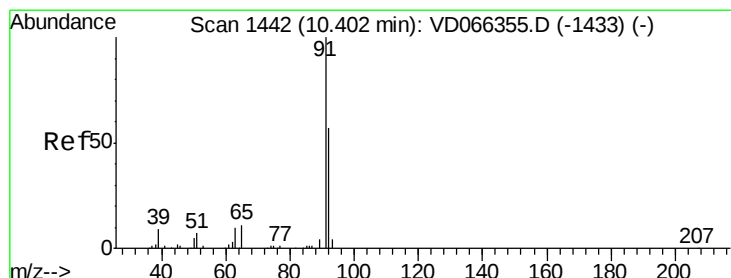
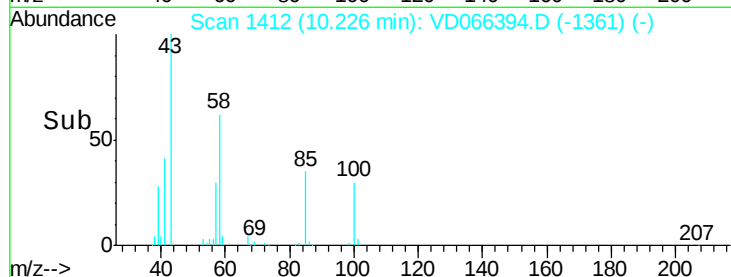
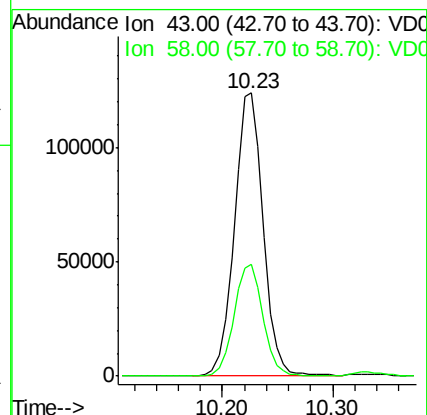
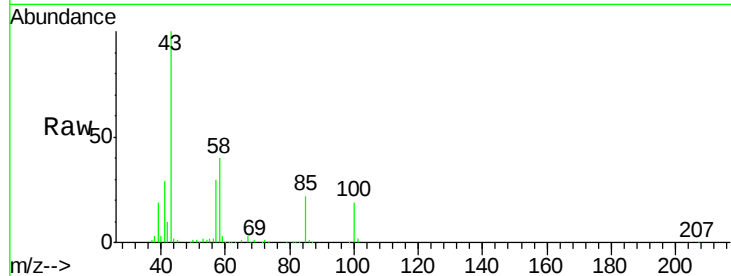
58 39.9 31.4 47.2

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#52

Toluene

Concen: 51.753 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066394.D

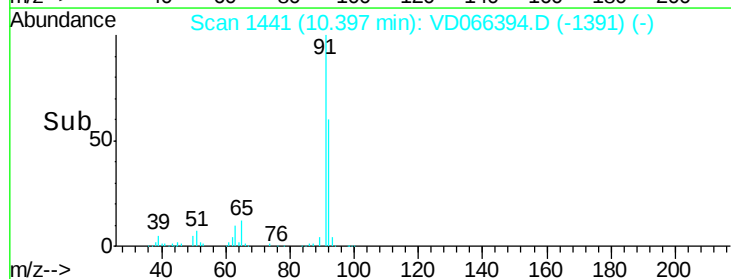
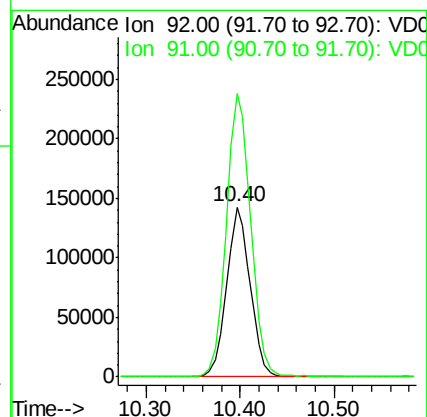
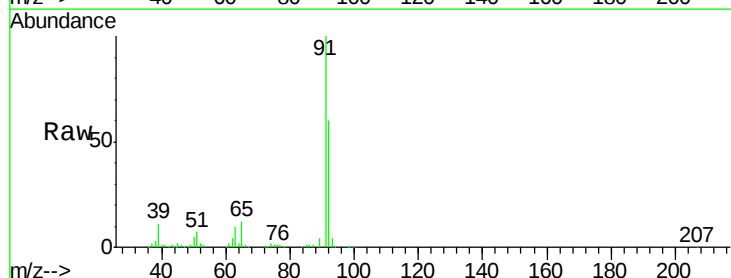
Acq: 25 Aug 2020 11:11

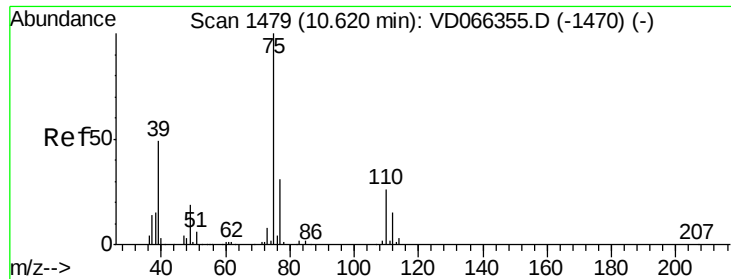
Tgt Ion: 92 Resp: 248615

Ion Ratio Lower Upper

92 100

91 172.3 135.8 203.6





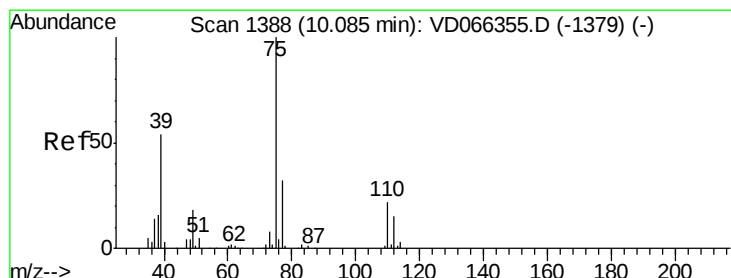
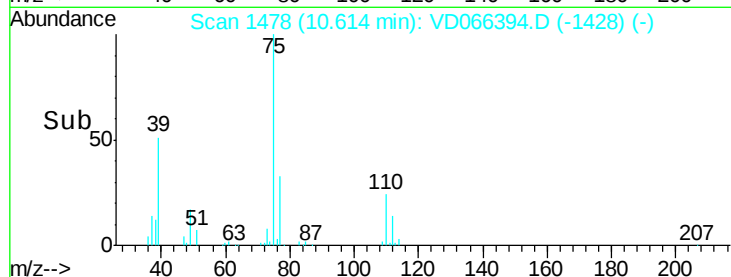
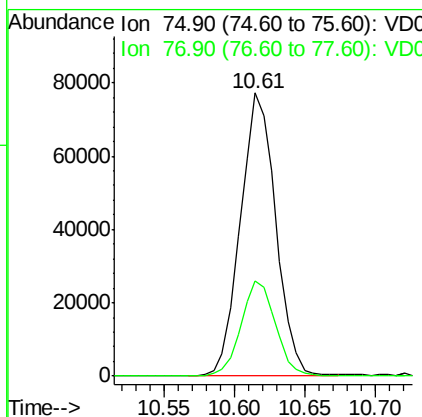
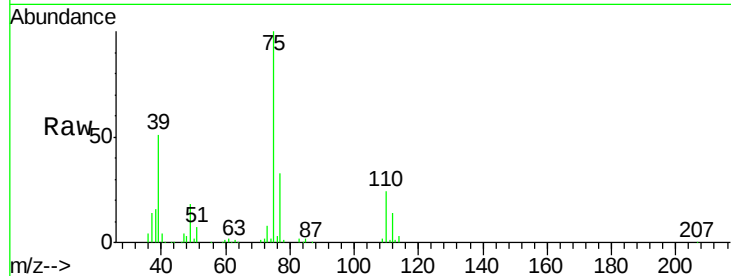
#53
 t-1,3-Dichloropropene
 Concen: 51.914 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 135584
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.5 36.7

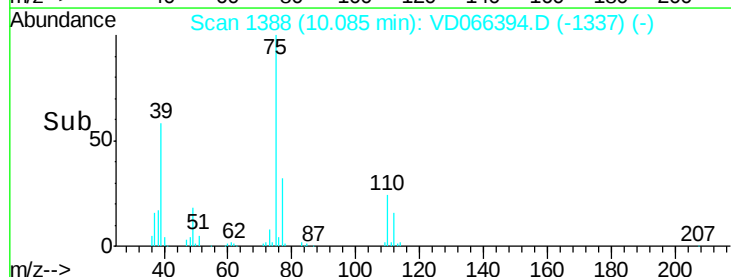
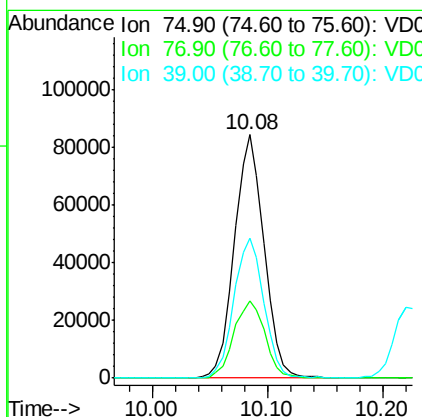
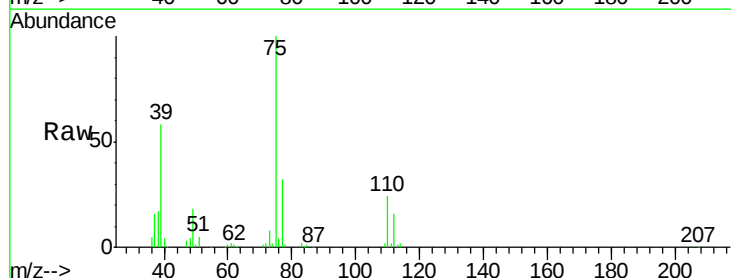
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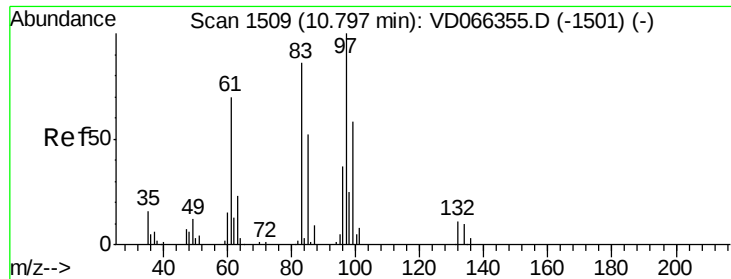
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#54
 cis-1,3-Dichloropropene
 Concen: 51.237 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion: 75 Resp: 150203
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4
 39 57.3 43.4 65.0





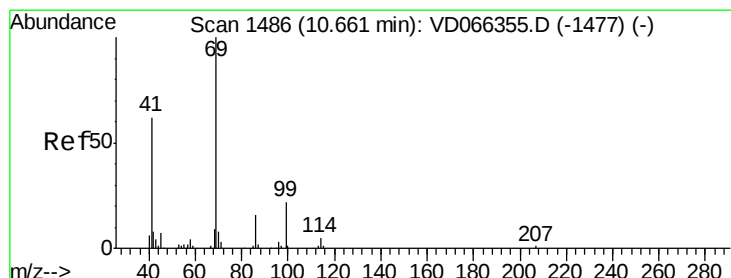
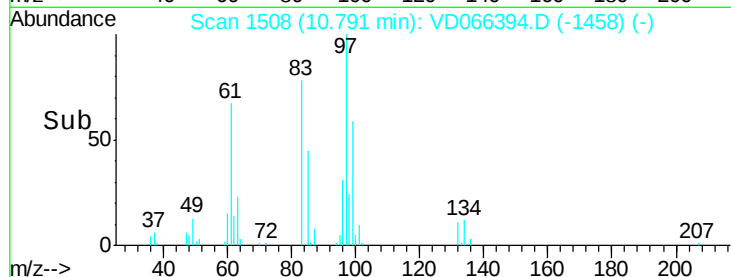
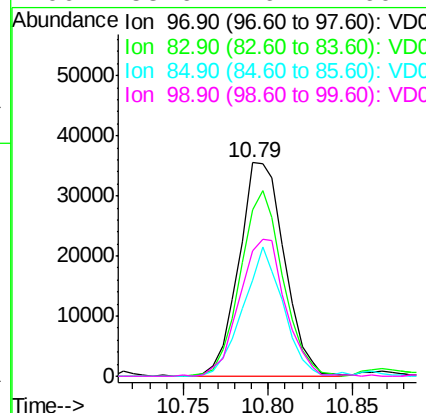
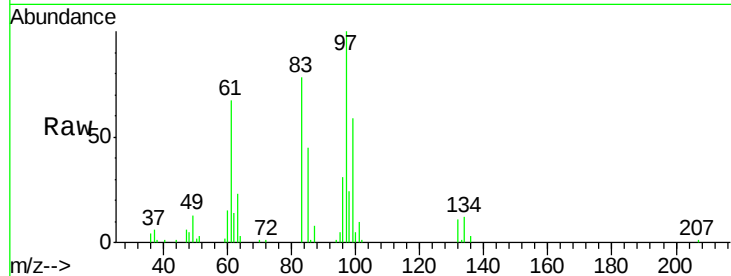
#55
 1,1,2-Trichloroethane
 Concen: 49.092 ug/l
 RT: 10.79 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	66516
Ion	Ratio	Lower	Upper
97	100		
83	77.8	68.4	102.6
85	45.1	41.3	61.9
99	58.6	46.1	69.1

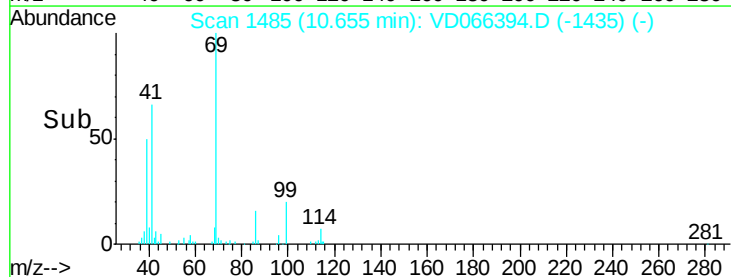
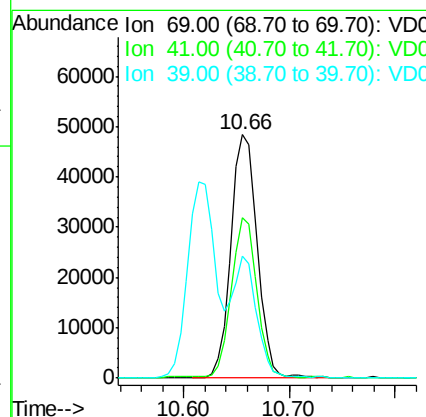
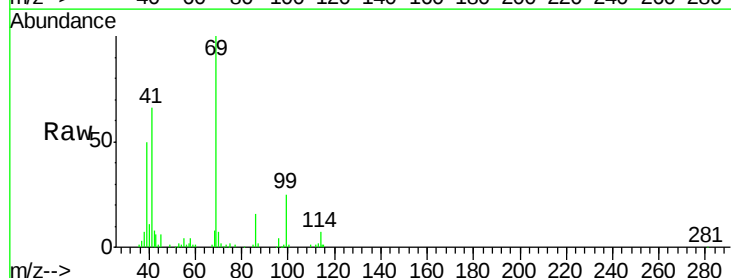
Manual Integrations
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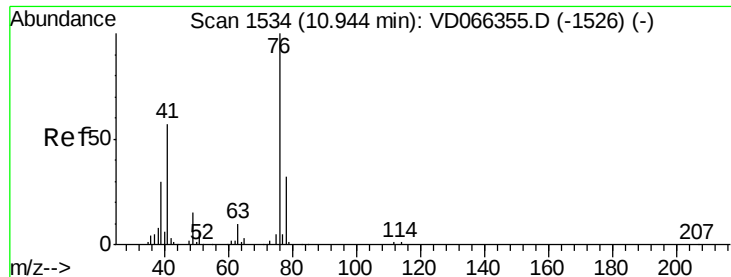
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#56
 Ethyl methacrylate
 Concen: 53.143 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion:	69	Resp:	83354
Ion	Ratio	Lower	Upper
69	100		
41	62.8	50.8	76.2
39	46.5	32.9	49.3





#57

1,3-Dichloropropane

Concen: 51.941 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 116410

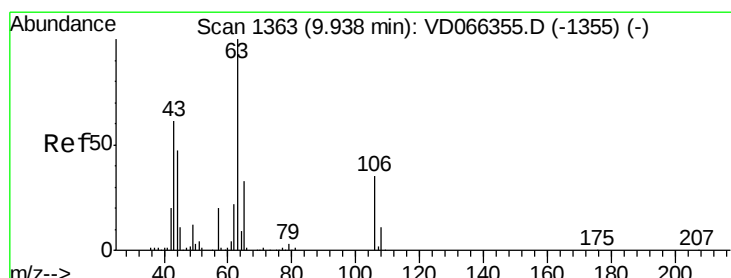
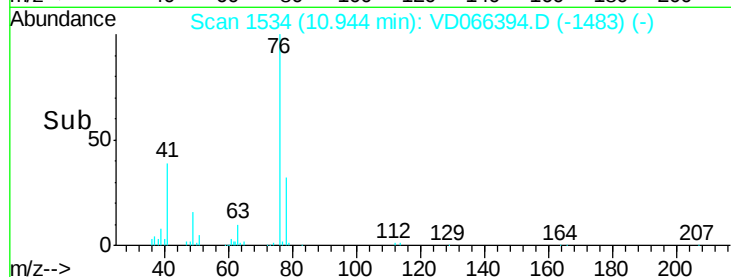
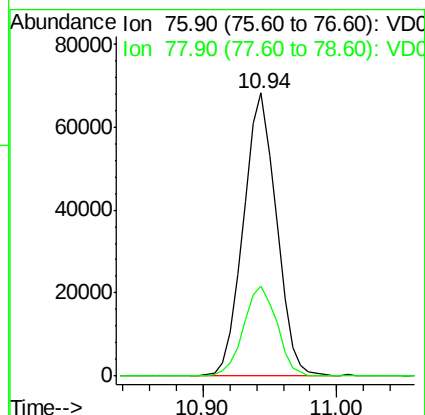
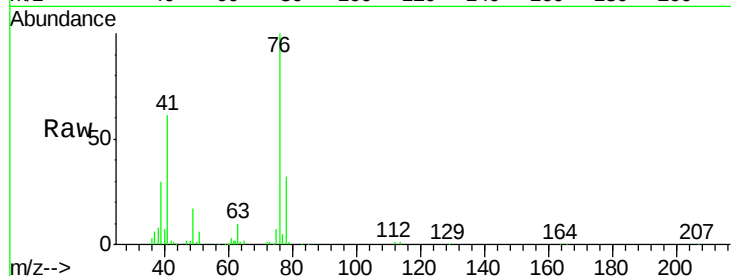
Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 264.770 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066394.D

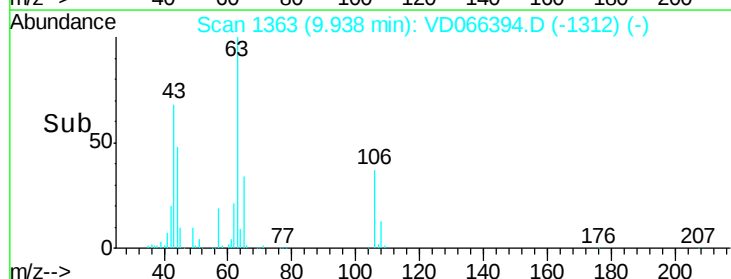
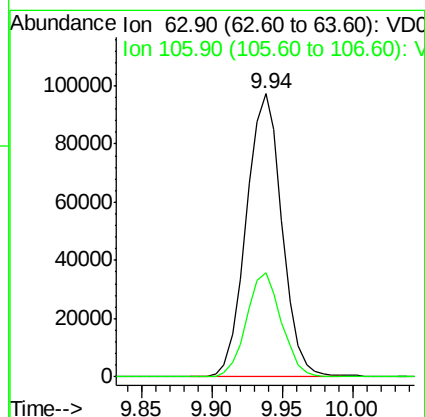
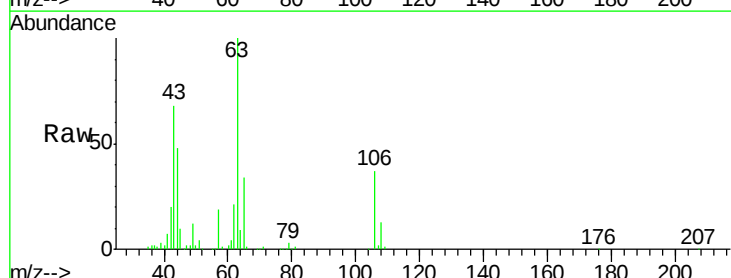
Acq: 25 Aug 2020 11:11

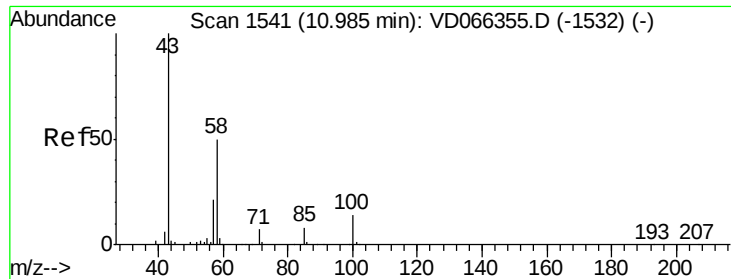
Tgt Ion: 63 Resp: 172481

Ion Ratio Lower Upper

63 100

106 36.1 27.1 40.7





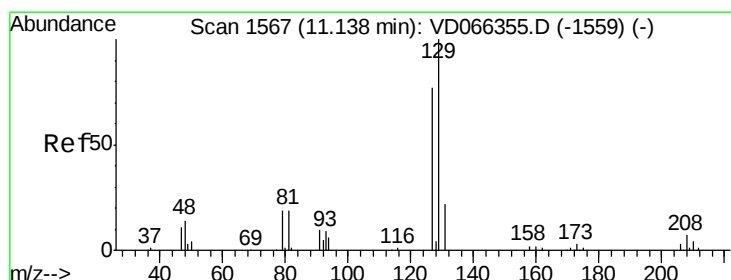
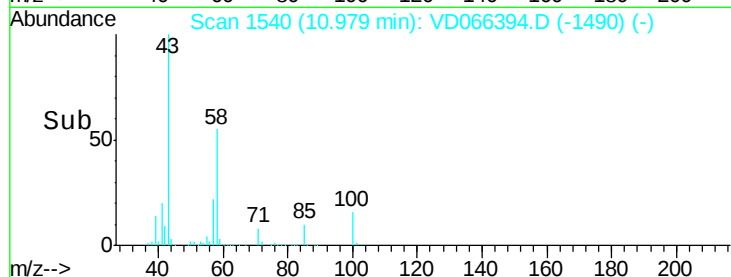
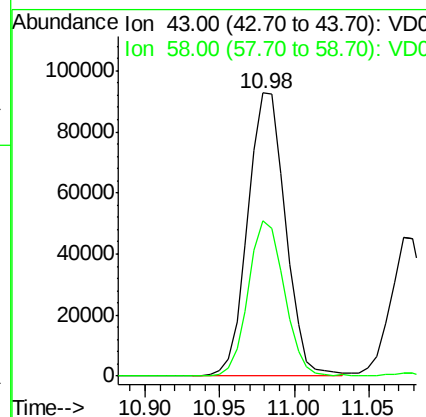
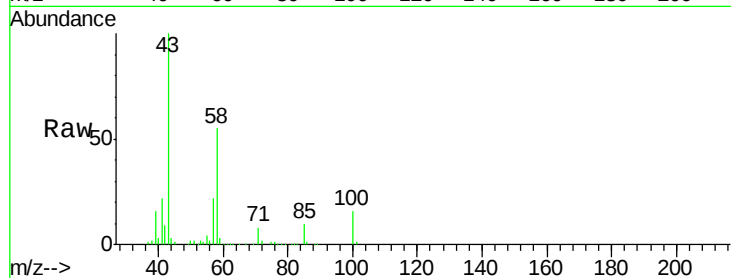
#59
2-Hexanone
Concen: 257.905 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 161929
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.8

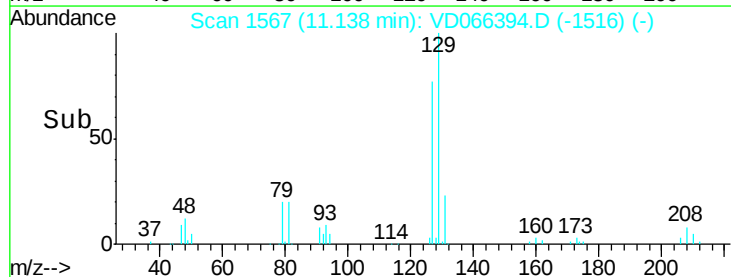
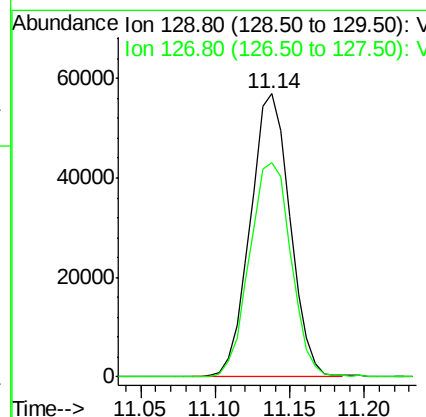
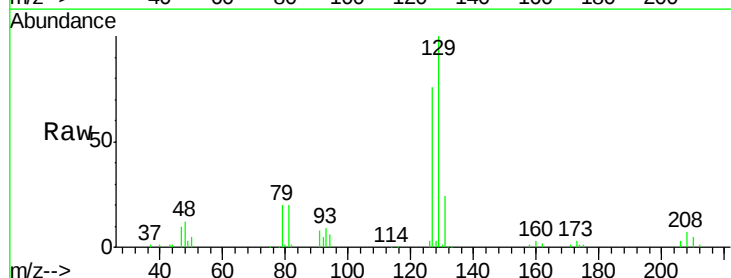
Manual Integrations
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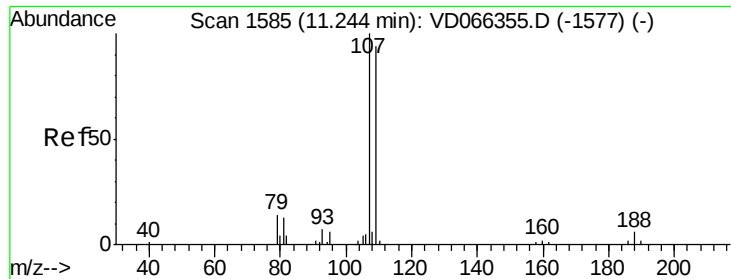
MMDadoda
8/26/2020 4:23:00 PM



#60
Dibromochloromethane
Concen: 51.189 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 129 Resp: 104545
Ion Ratio Lower Upper
129 100
127 79.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.747 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 68999

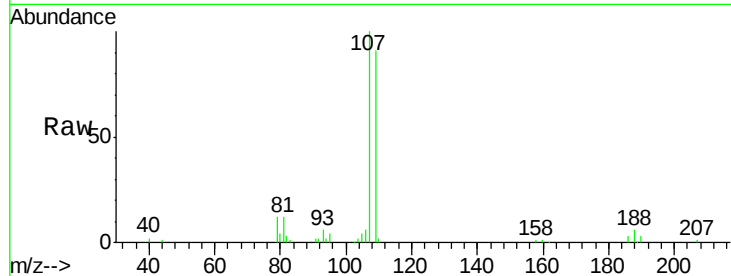
Ion Ratio Lower Upper

107 100

109 92.5 77.8 116.8

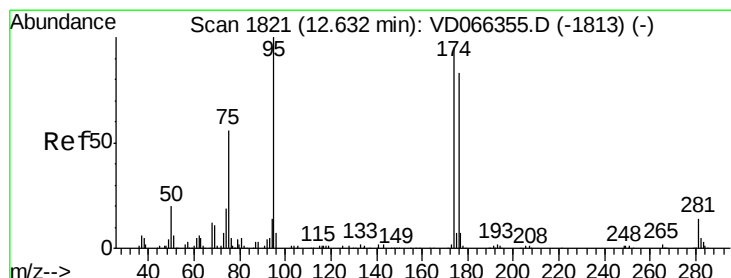
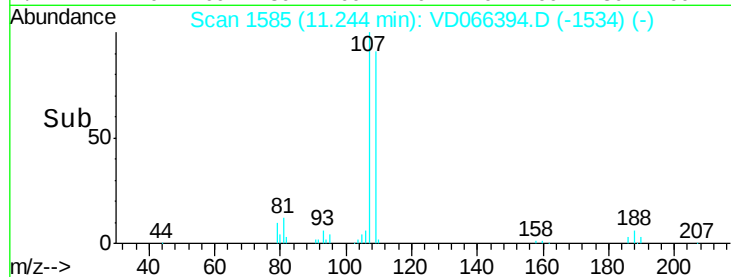
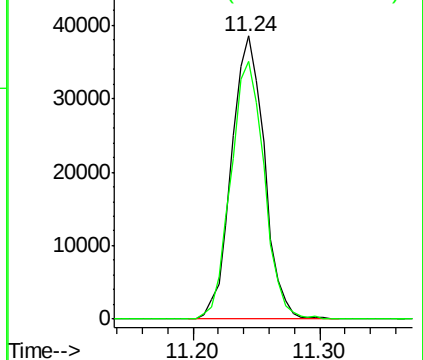
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.880 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

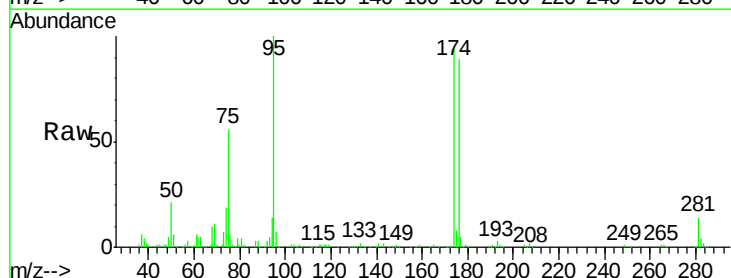
Tgt Ion: 95 Resp: 134013

Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.4

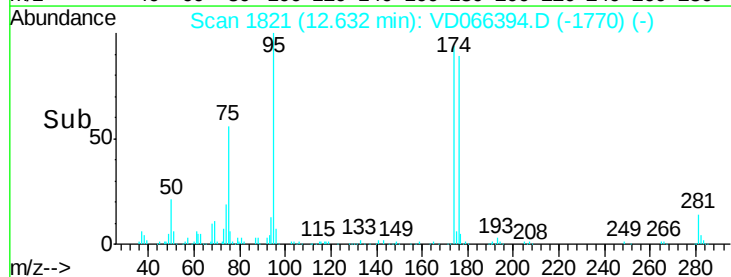
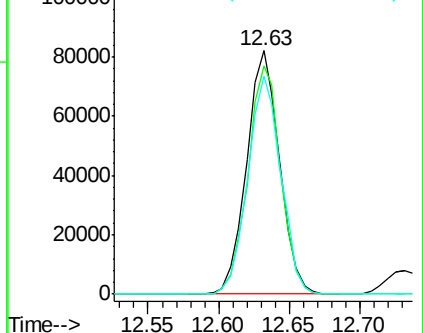
176 90.3 0.0 173.8

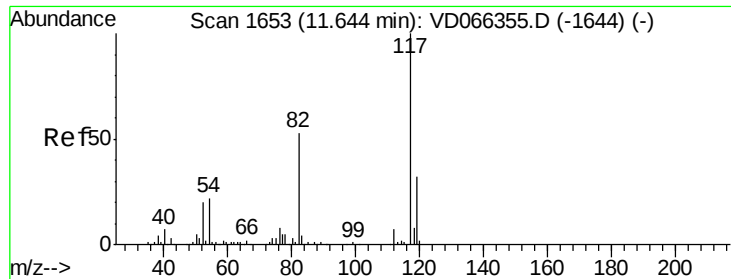


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





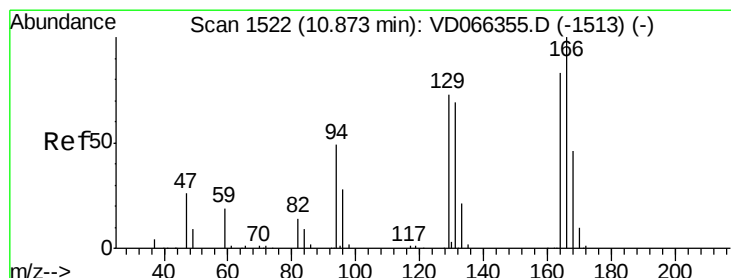
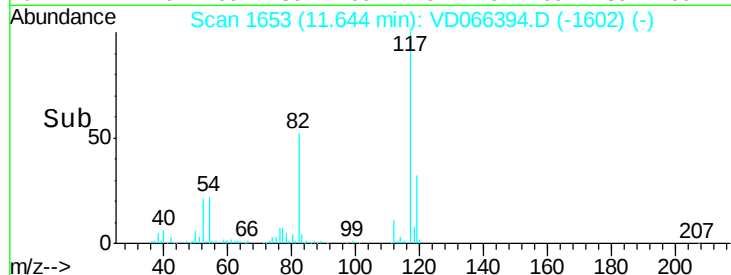
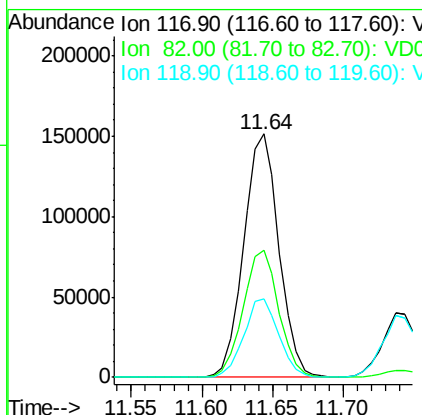
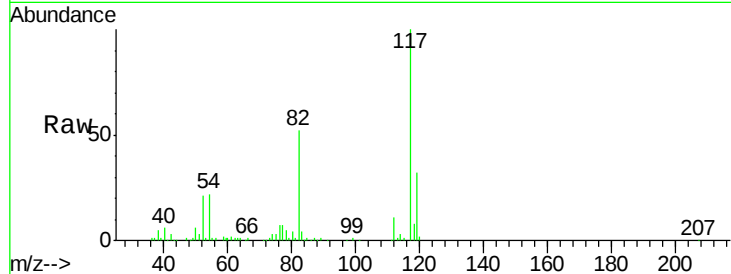
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	264132		
82	52.2		42.8	64.2
119	32.3		25.8	38.8

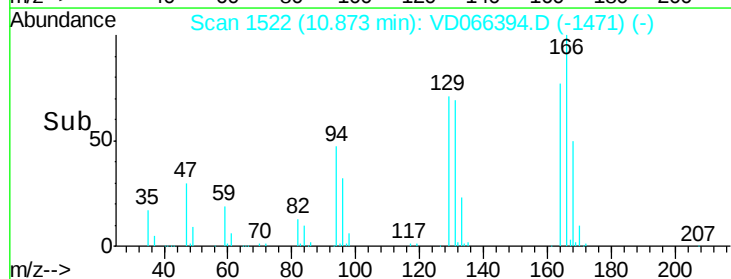
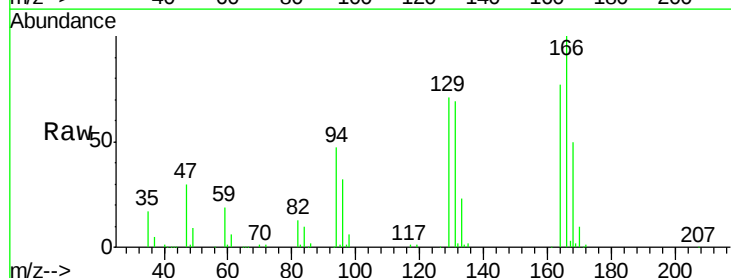
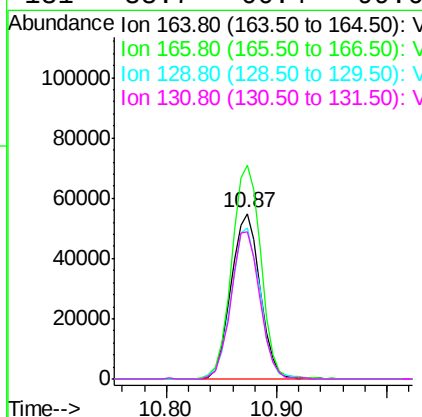
Manual Integrations
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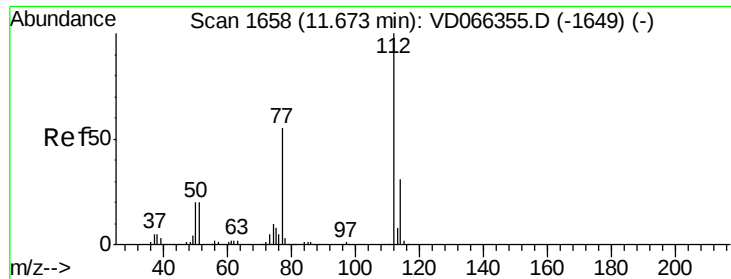
MMDadoda
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#64
Tetrachloroethene
Concen: 50.628 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101443		
166	129.2		96.2	144.4
129	91.6		70.3	105.5
131	88.7		66.4	99.6





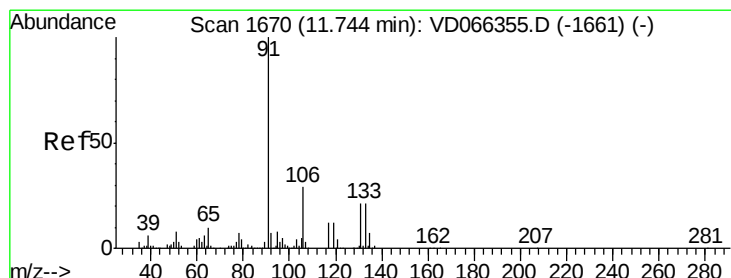
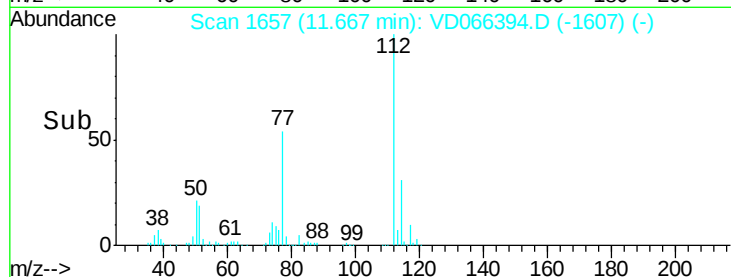
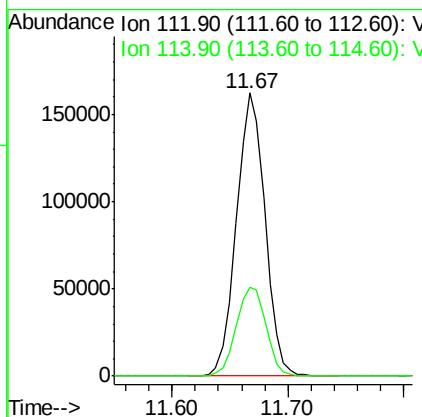
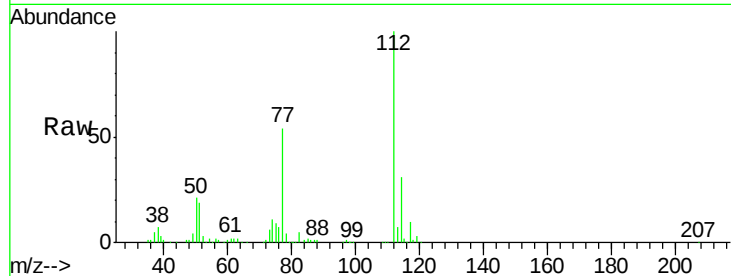
#65
Chlorobenzene
Concen: 52.888 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.1	37.7

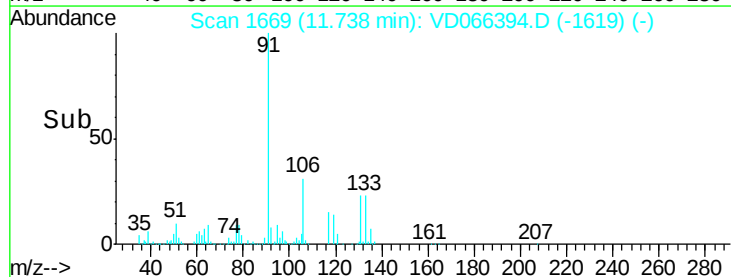
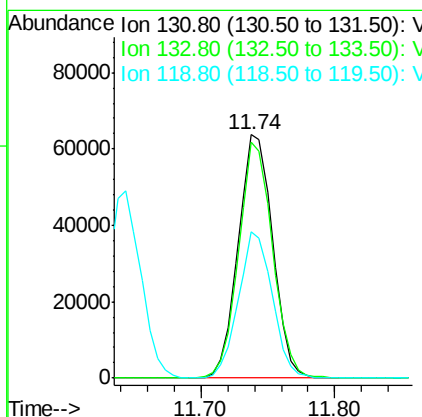
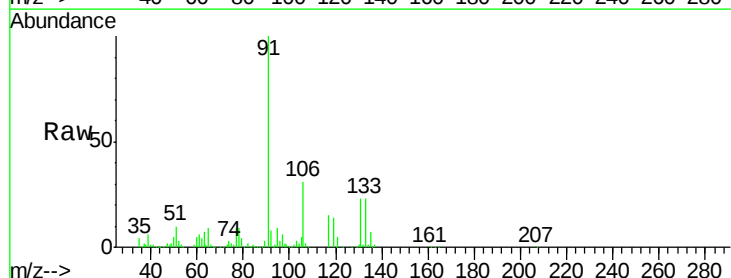
Manual Integrations
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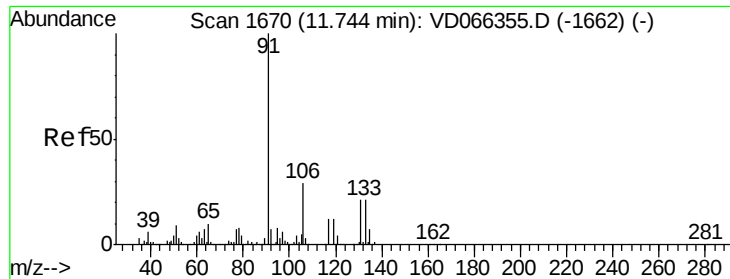
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.924 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.6	145.9
119	59.1	29.0	87.1





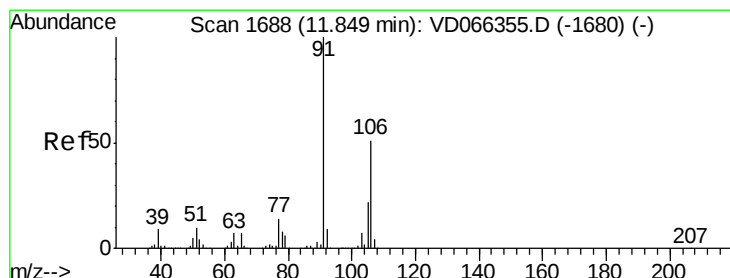
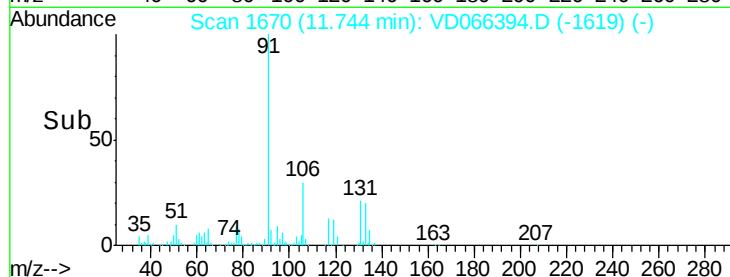
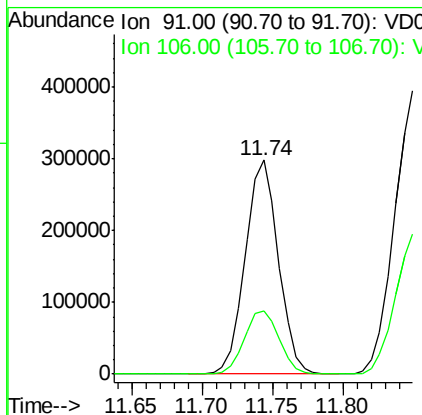
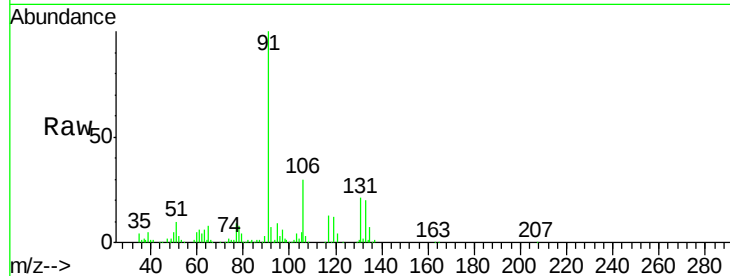
#67
Ethyl Benzene
Concen: 53.166 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 491789
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.2

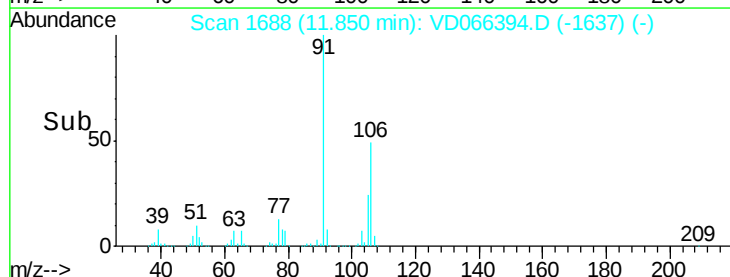
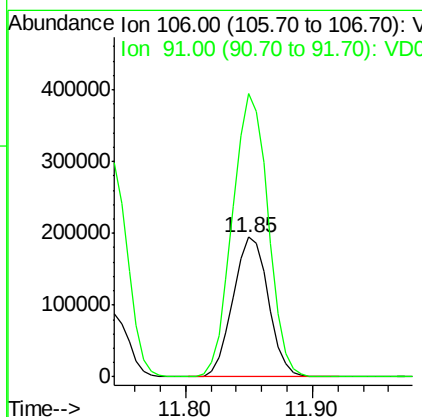
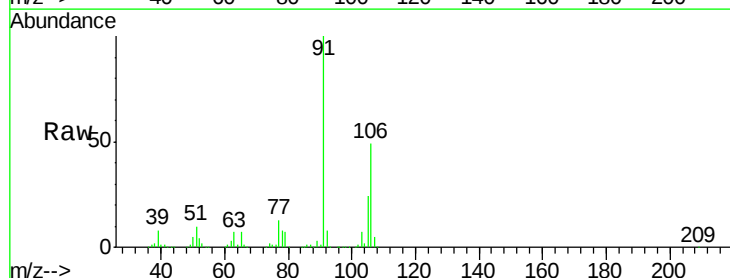
Manual Integrations
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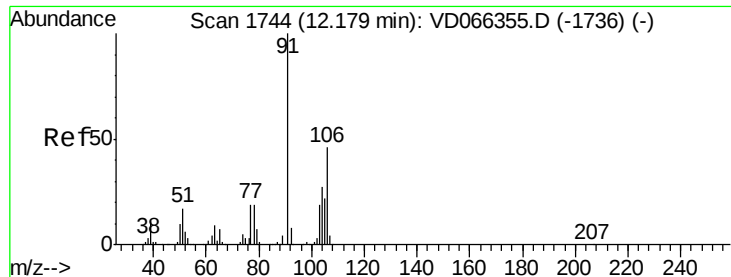
MMDadoda
8/26/2020 4:23:00 PM



#68
m/p-Xylenes
Concen: 106.389 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion: 106 Resp: 375092
Ion Ratio Lower Upper
106 100
91 205.1 160.7 241.1





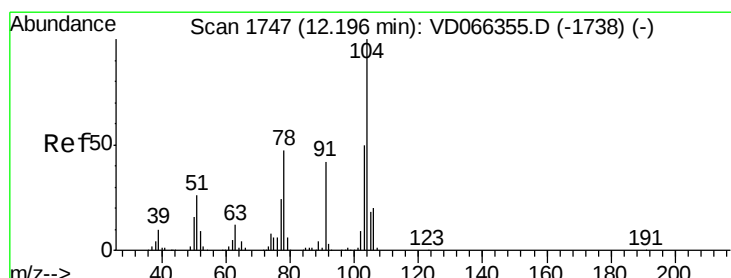
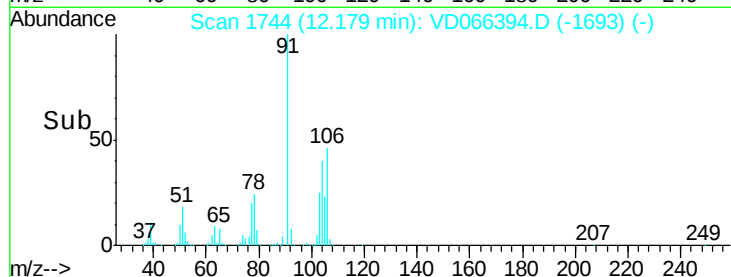
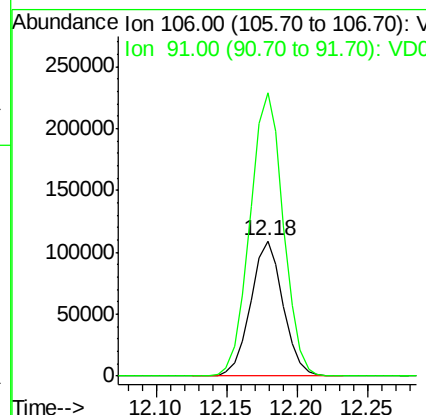
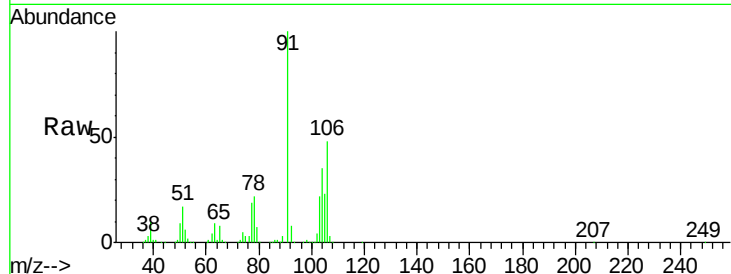
#69
o-Xylene
Concen: 53.328 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.6	109.1	327.3

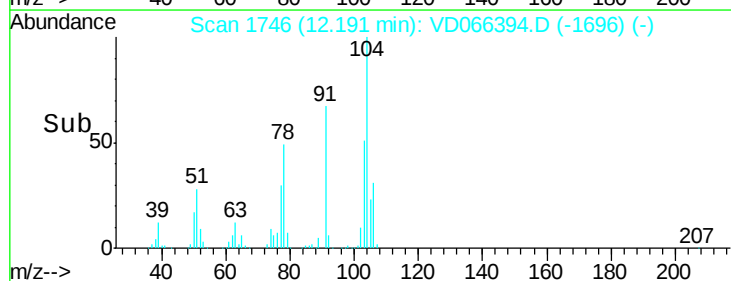
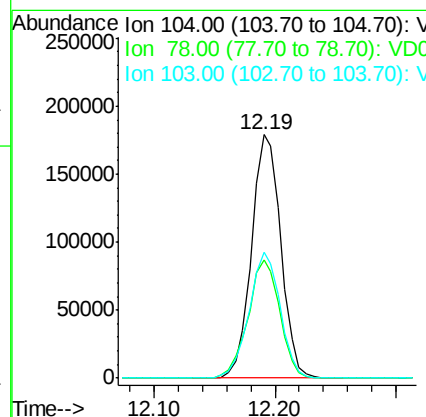
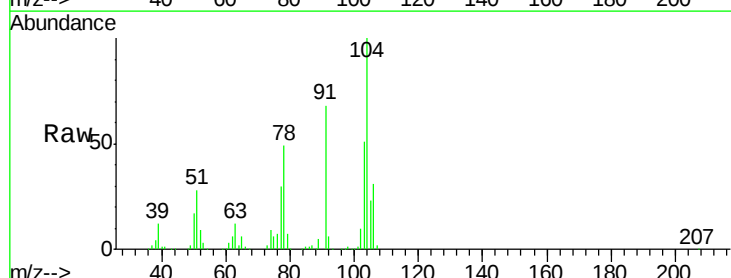
Manual Integrations
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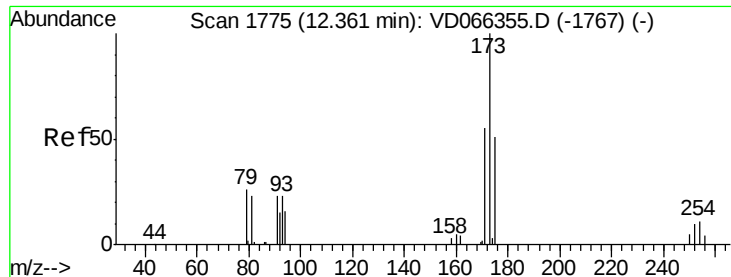
MMDadoda
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#70
Styrene
Concen: 53.730 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.8	41.7	62.5
103	55.0	43.5	65.3





#71

Bromoform

Concen: 52.548 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

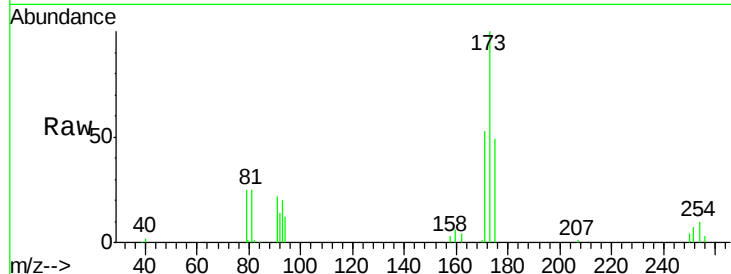
ClientSampleId :

VSTDCCC050

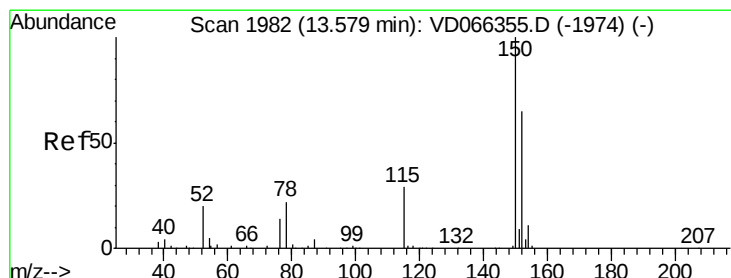
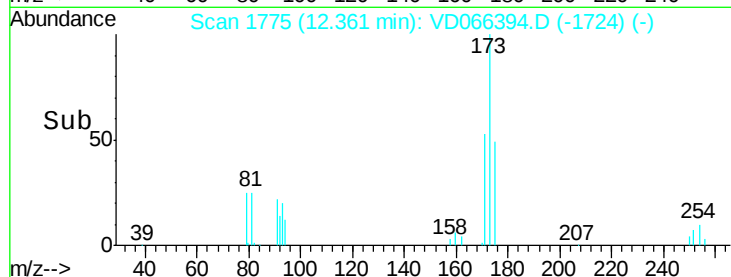
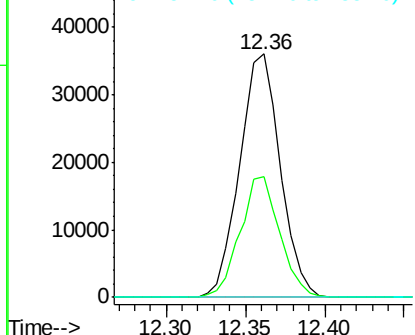
Tot Ion:	173	Resp:	64024
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.8	74.3
254	0.0	0.0	0.0

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

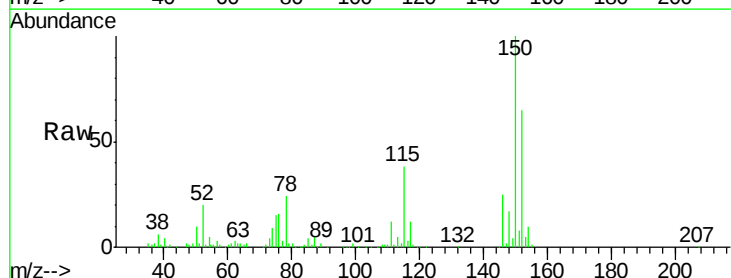
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

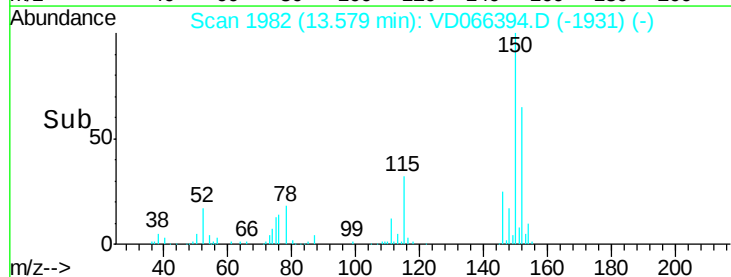
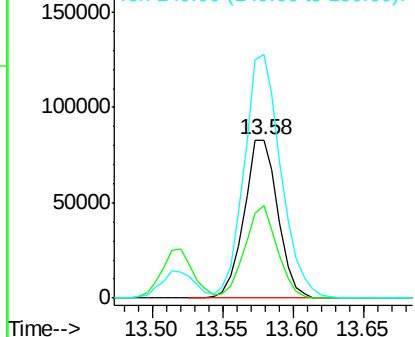
Lab File: VD066394.D

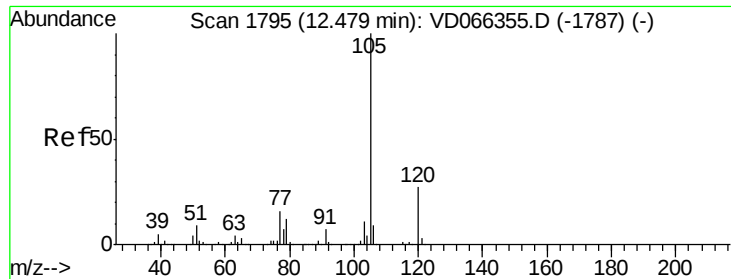
Acq: 25 Aug 2020 11:11

Tgt Ion:	152	Resp:	138828
Ion Ratio	Lower	Upper	
152	100		
115	56.6	28.3	85.0
150	167.8	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





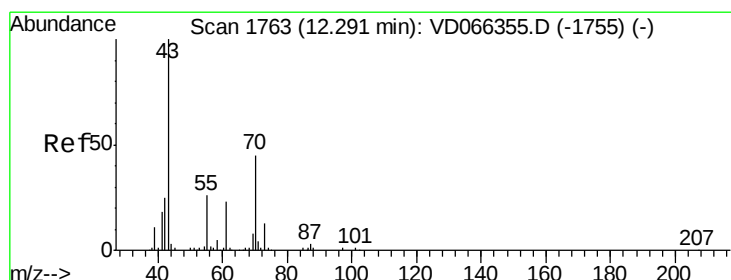
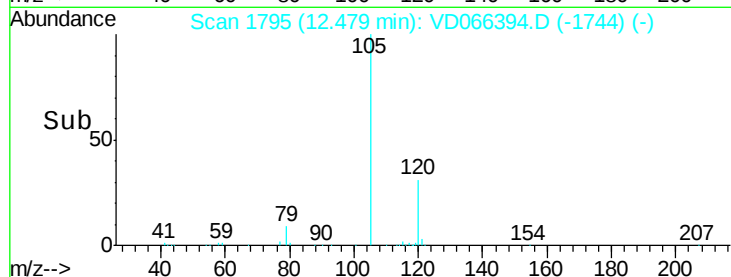
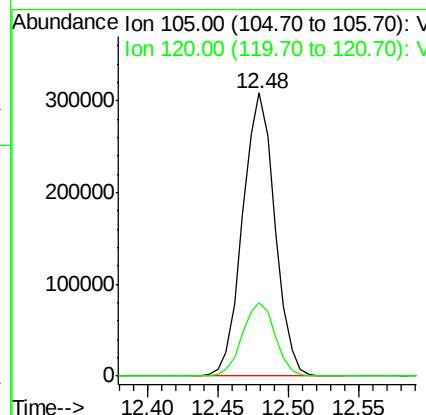
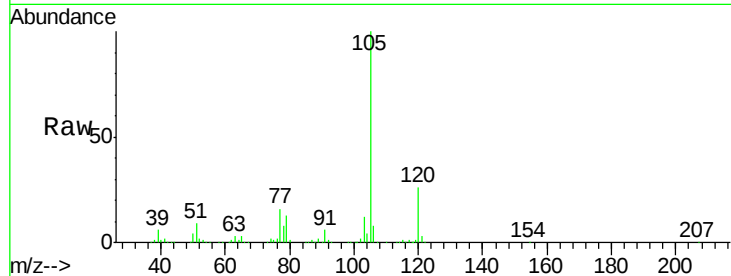
#73
Isopropylbenzene
Concen: 53.026 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.6	40.8

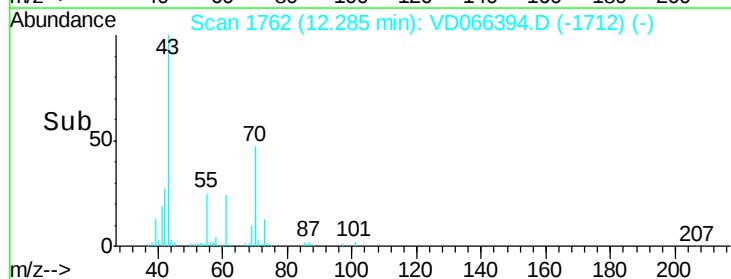
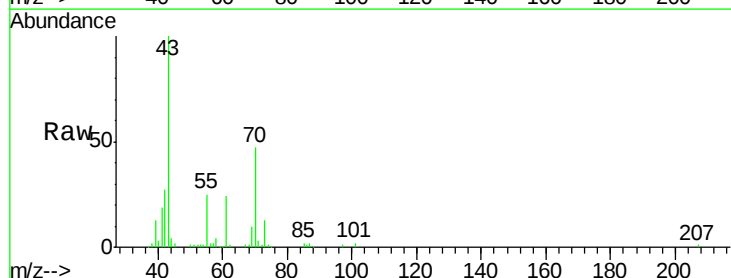
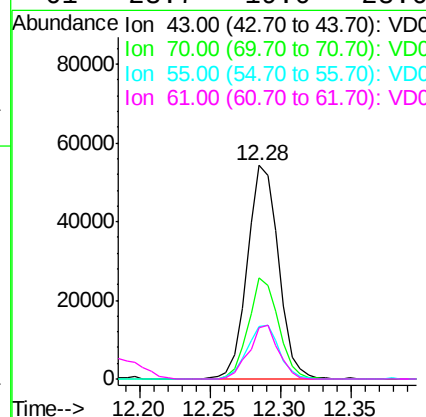
Manual Integrations
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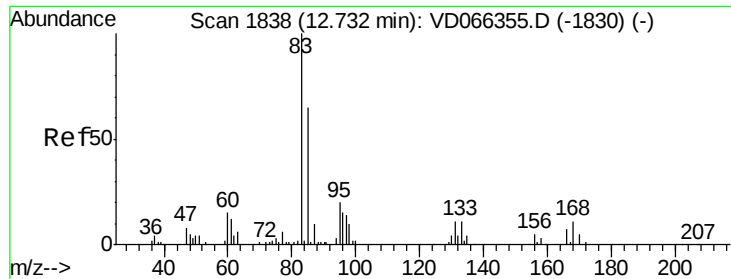
MMDadoda
8/26/2020 4:23:00 PM



#74
N-ethyl acetate
Concen: 50.093 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.9	34.8	52.2
55	26.0	20.3	30.5
61	23.7	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.801 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

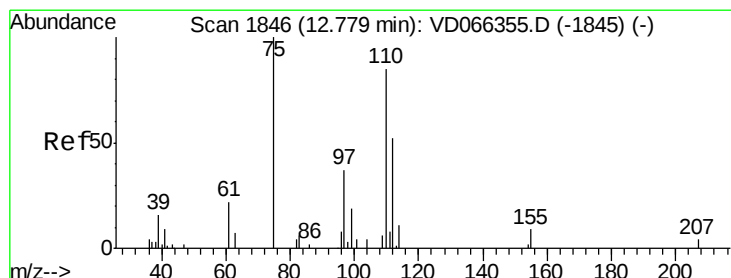
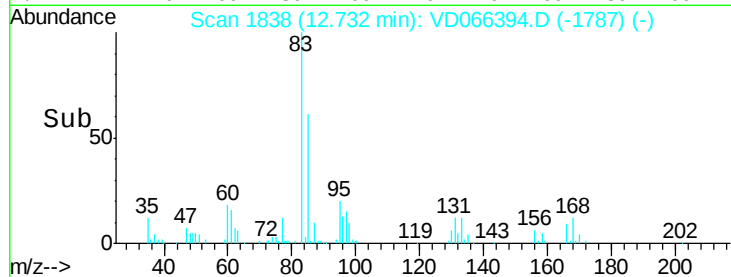
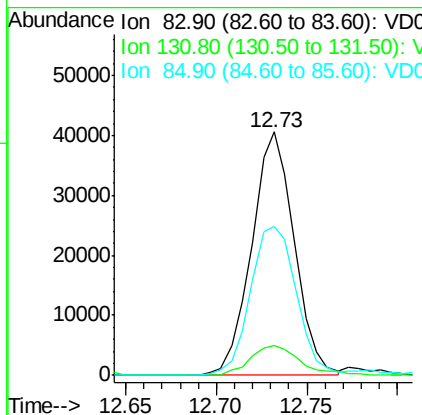
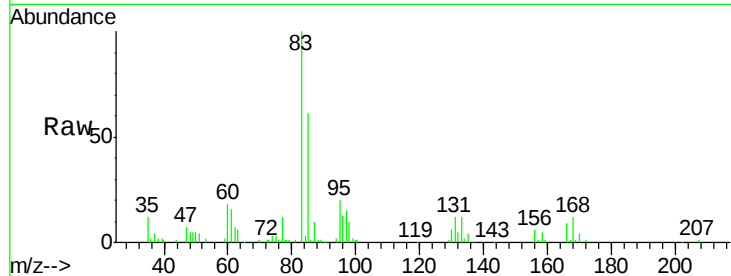
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	66163
Ion Ratio	100	Lower	Upper
83	100		
131	14.4	7.0	20.9
85	66.2	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.980 ug/l m

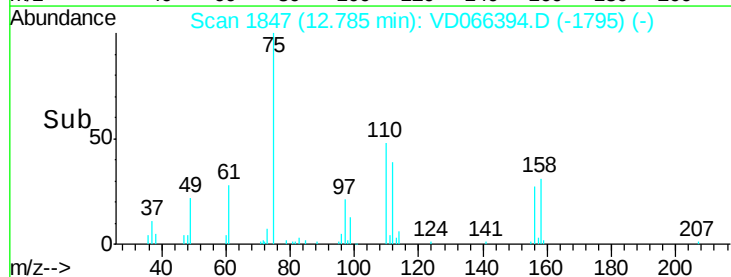
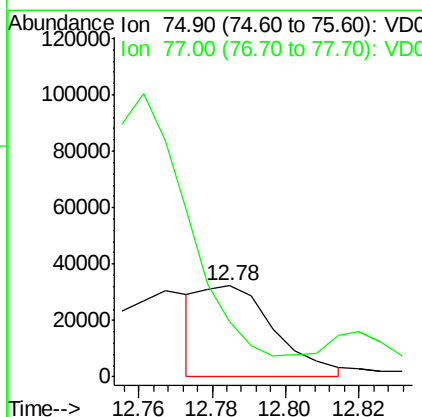
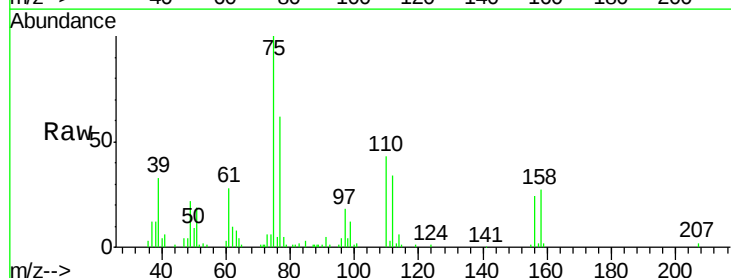
RT: 12.78 min Scan# 1847

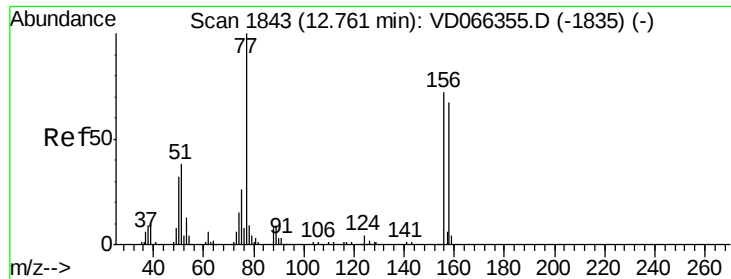
Delta R.T. 0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Tgt Ion	75	Resp	44907
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	182.9	548.9#





#77

Bromobenzene

Concen: 52.686 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

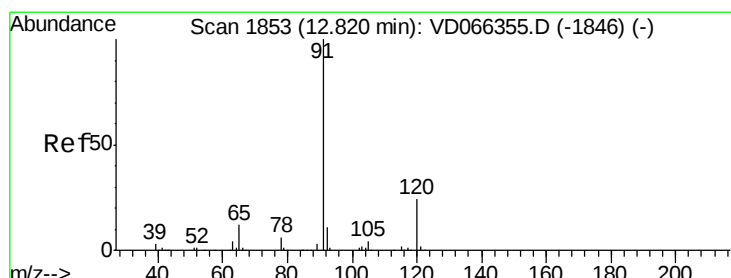
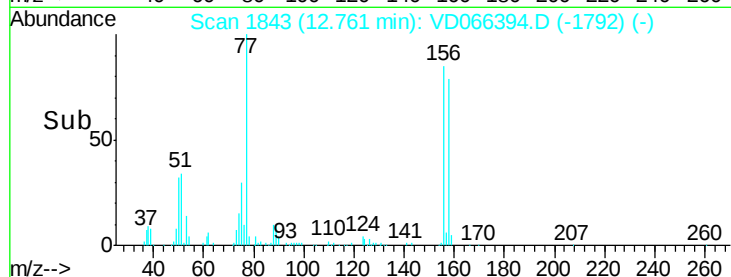
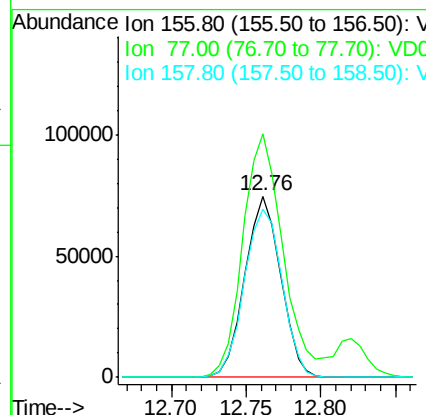
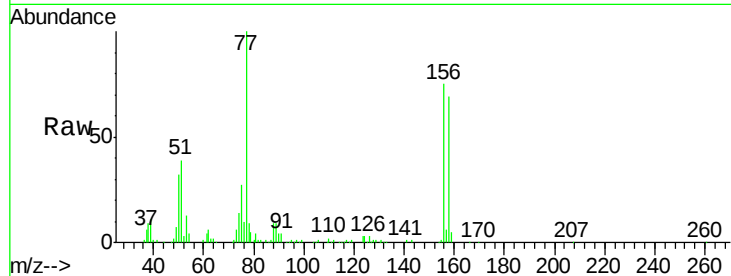
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.6	76.1	228.3
158	97.6	47.6	142.9

Manual Integrations
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#78

n-propylbenzene

Concen: 52.307 ug/l

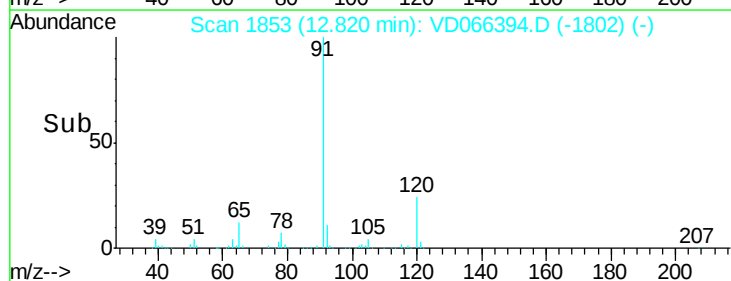
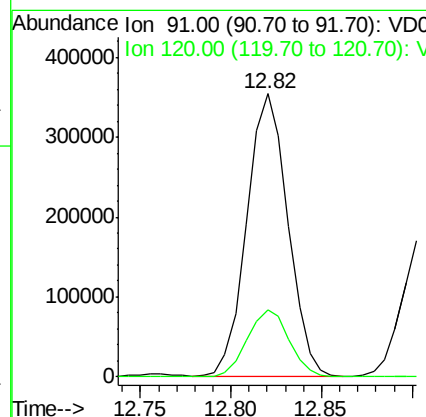
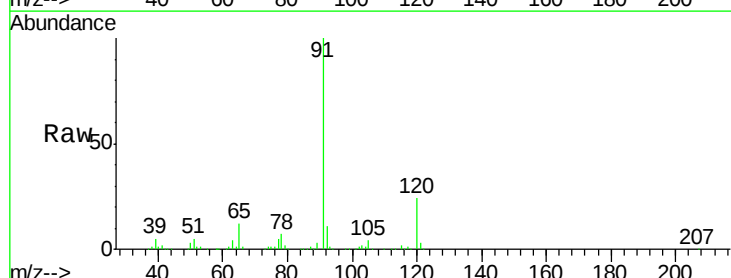
RT: 12.82 min Scan# 1853

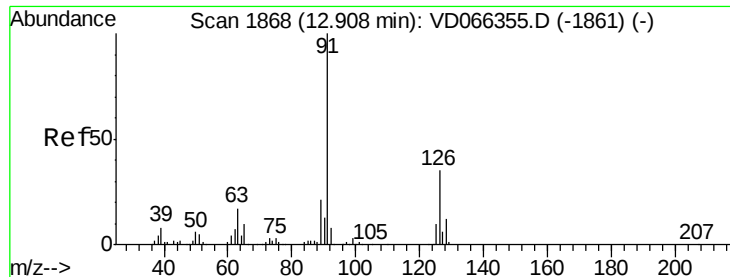
Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.0	36.0





#79

2-Chlorotoluene

Concen: 52.982 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 322676

Ion Ratio Lower Upper

91 100

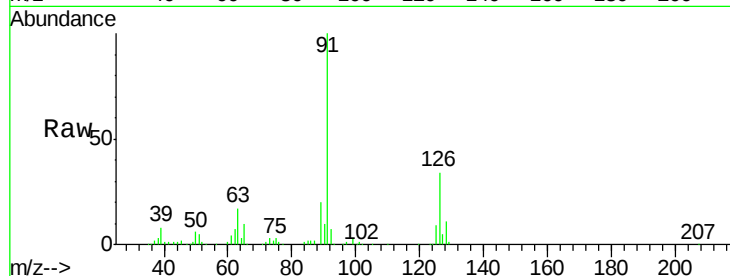
126 35.5 17.7 53.1

Manual Integrations

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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) (-)

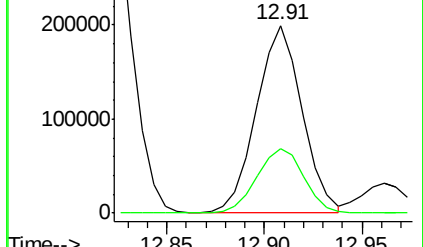
300000

200000

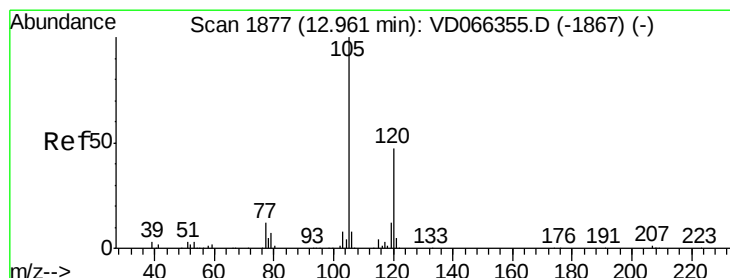
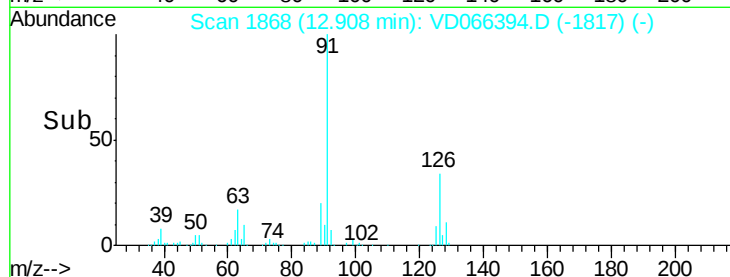
100000

0

12.85 12.90 12.95



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.623 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066394.D

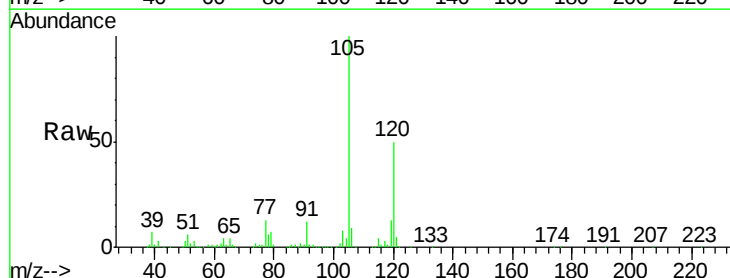
Acq: 25 Aug 2020 11:11

Tgt Ion:105 Resp: 430578

Ion Ratio Lower Upper

105 100

120 47.6 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) (-)

300000

250000

200000

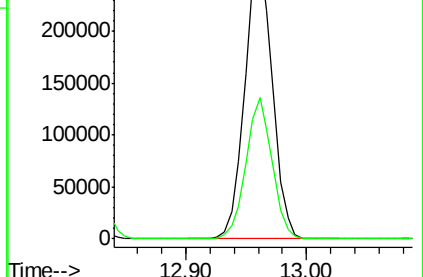
150000

100000

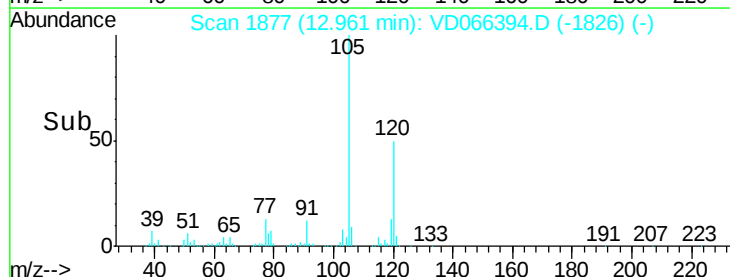
50000

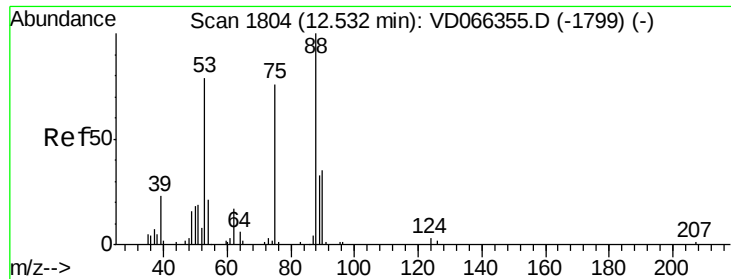
0

12.90 12.96 13.00



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.860 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

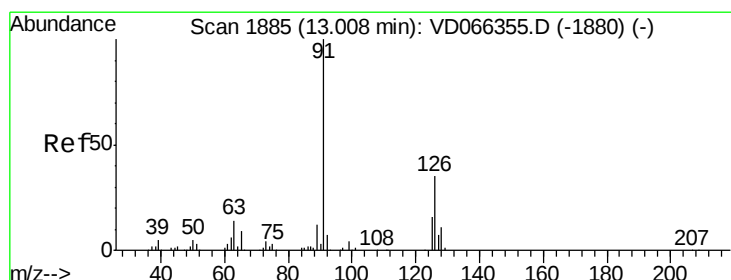
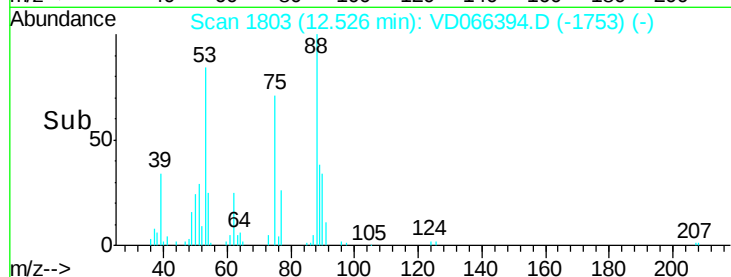
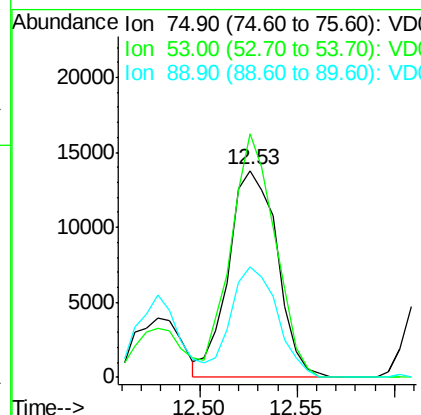
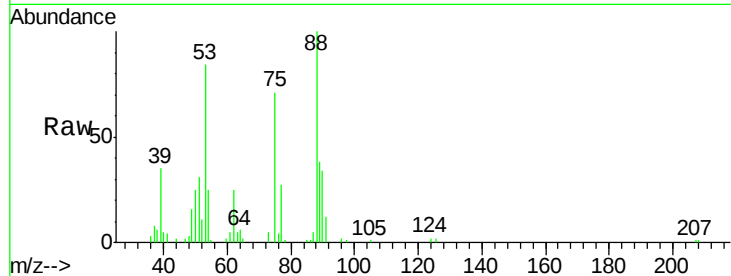
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	23861
Ion	Ratio	Lower	Upper
75	100		
53	106.8	87.4	131.2
89	51.1	39.4	59.0

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#82

4-Chlorotoluene

Concen: 52.583 ug/l

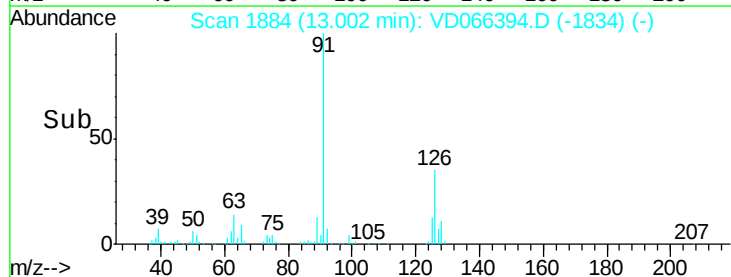
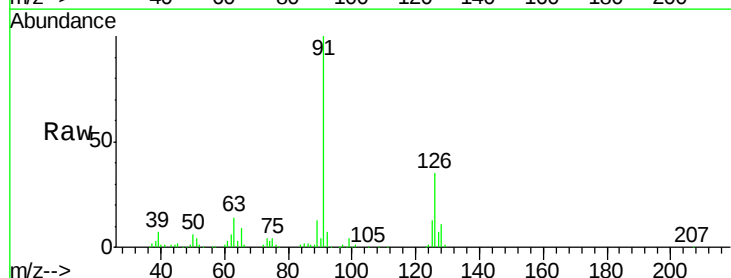
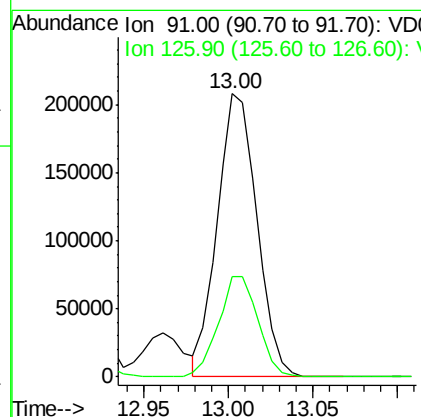
RT: 13.00 min Scan# 1884

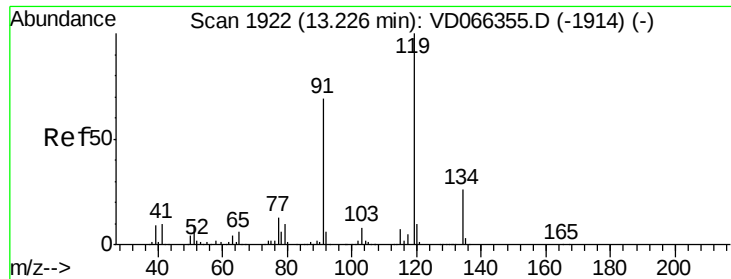
Delta R.T. -0.01 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Tgt Ion:	91	Resp:	339294
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.4	52.2





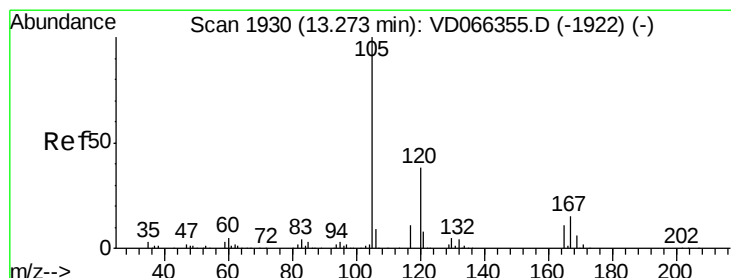
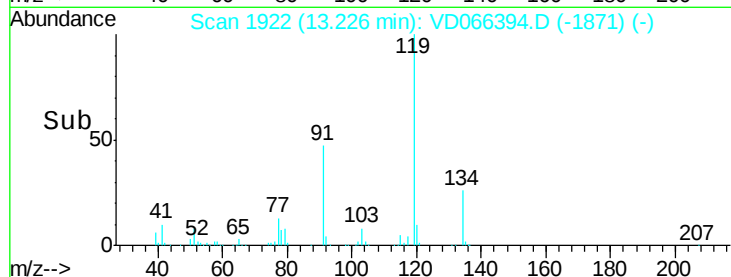
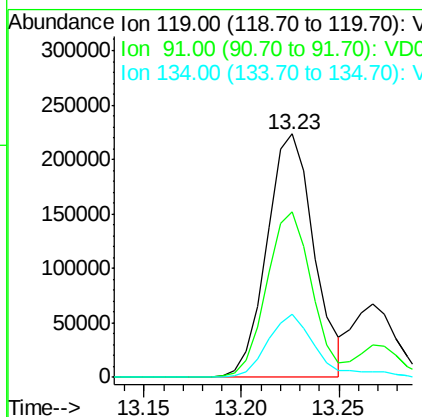
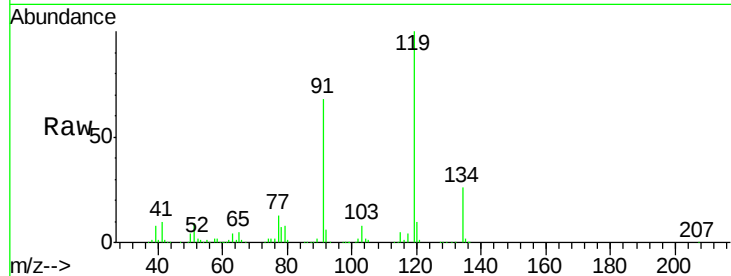
#83
tert-Butylbenzene
Concen: 53.571 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	373632		
91	65.0		33.5	100.5
134	26.8		13.5	40.4

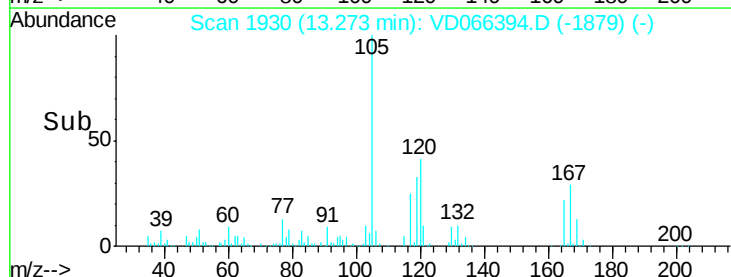
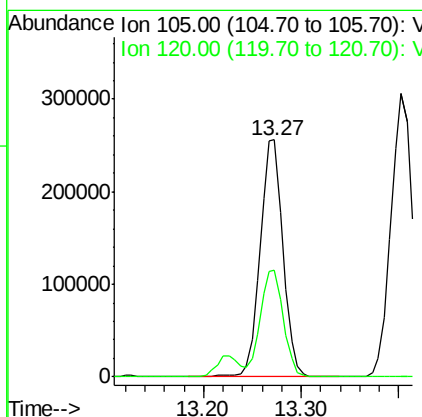
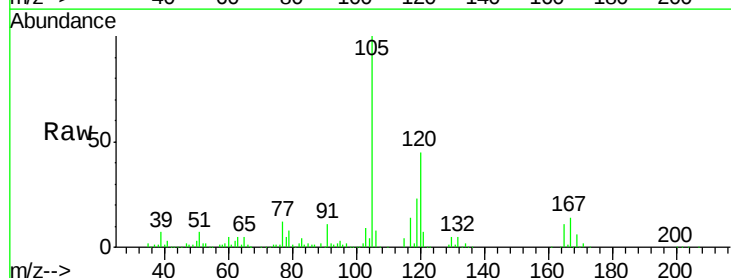
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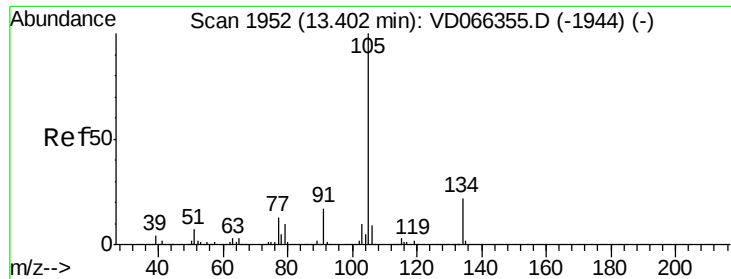
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#84
1,2,4-Trimethylbenzene
Concen: 53.607 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	422794		
120	45.0		22.6	67.7





#85

sec-Butylbenzene

Concen: 52.776 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 482269

Ion Ratio Lower Upper

105 100

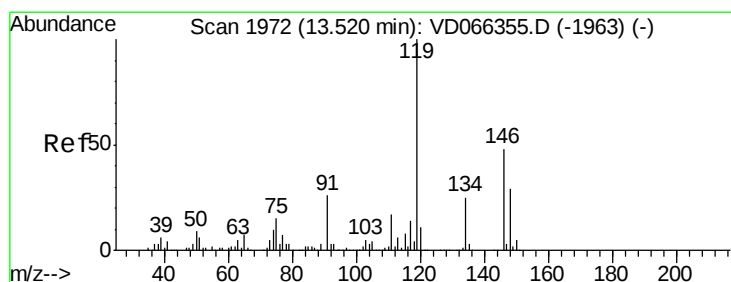
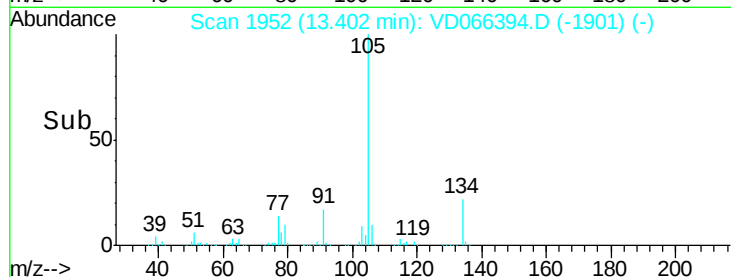
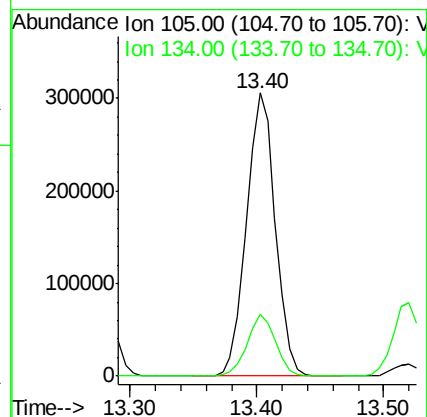
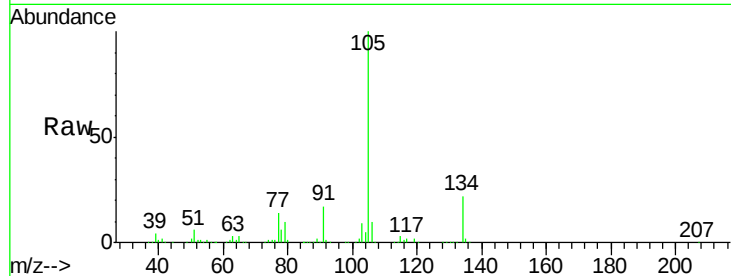
134 21.4 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 53.238 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066394.D

Acq: 25 Aug 2020 11:11

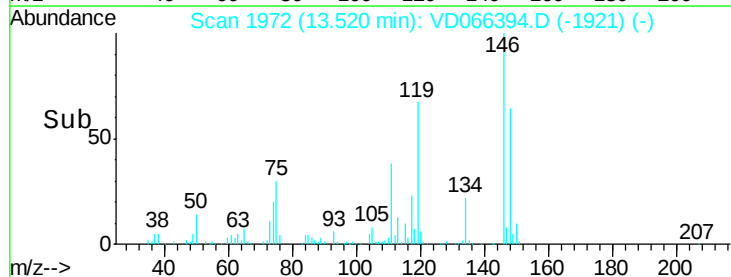
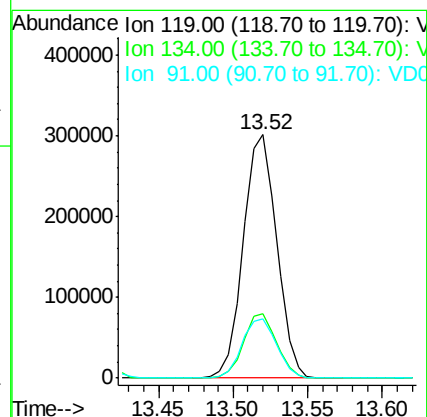
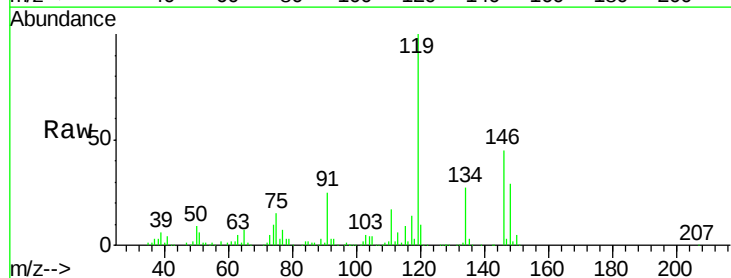
Tgt Ion:119 Resp: 469099

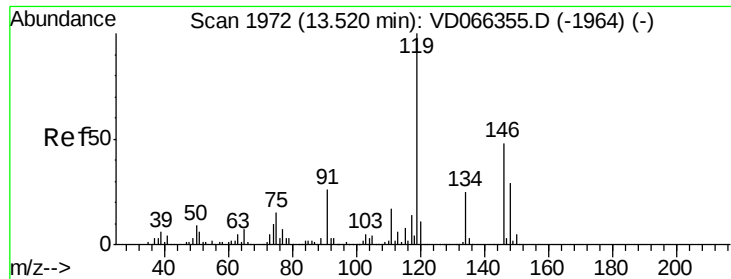
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.3

91 25.2 12.7 38.0





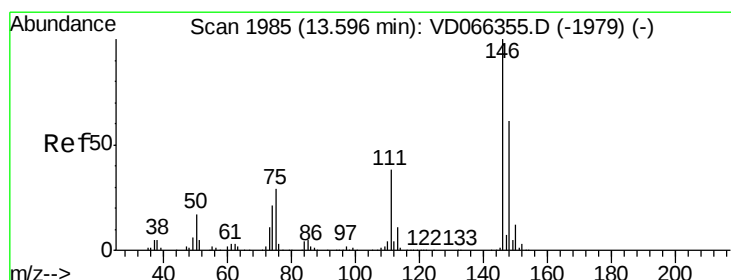
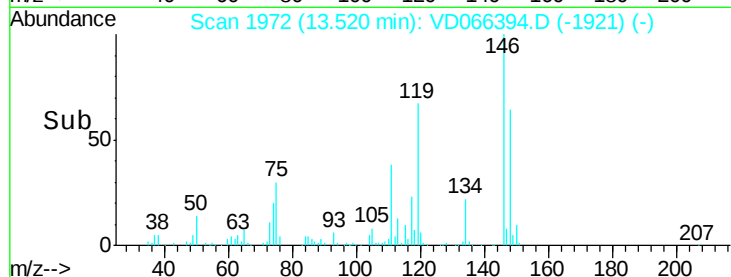
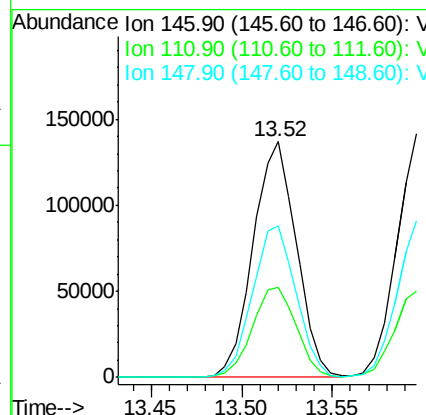
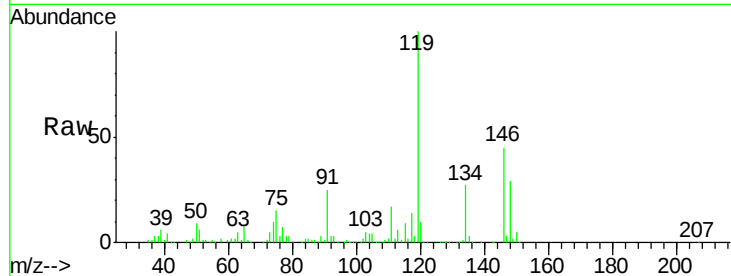
#87
 1,3-Dichlorobenzene
 Concen: 51.537 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	227083		
111	38.7	18.9	56.9	
148	64.8	31.8	95.3	

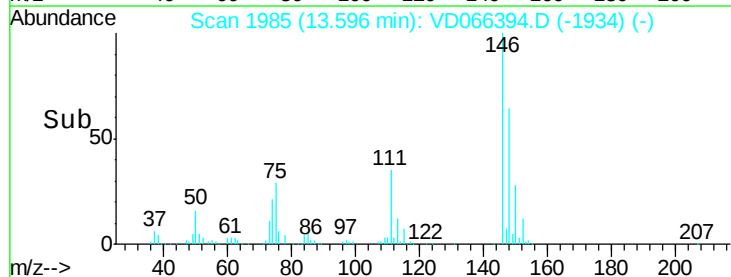
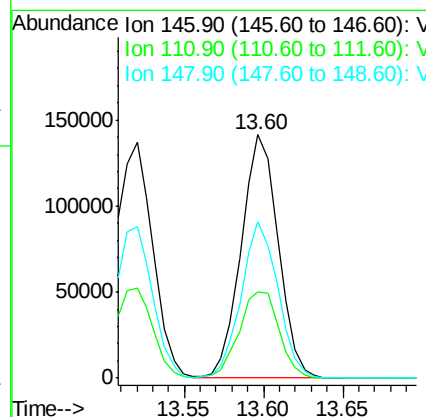
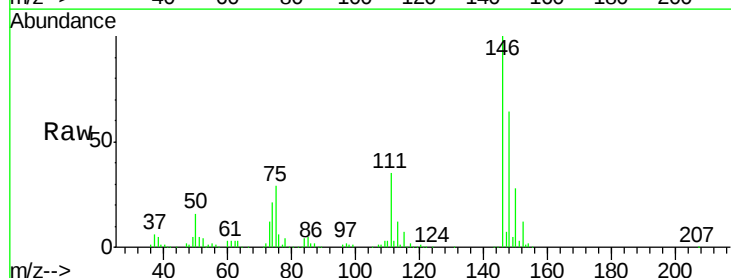
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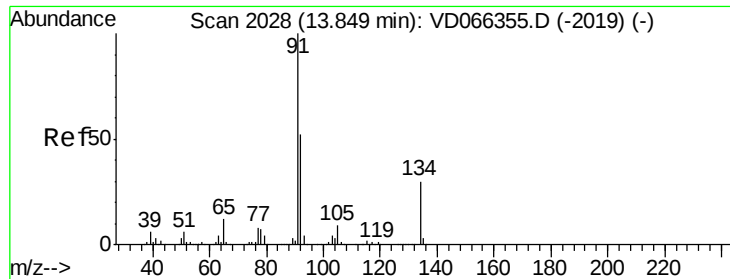
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#88
 1,4-Dichlorobenzene
 Concen: 51.888 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	229558		
111	38.6	19.1	57.5	
148	64.0	32.1	96.3	





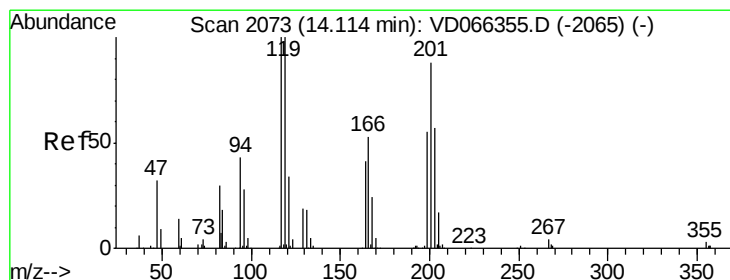
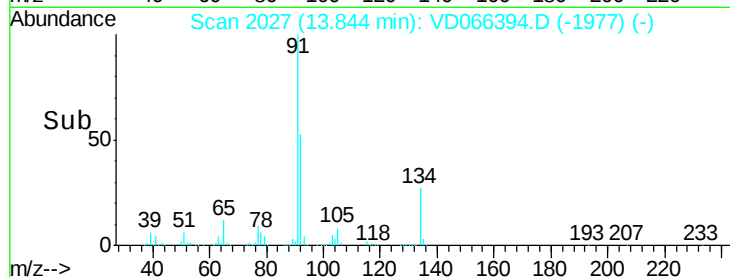
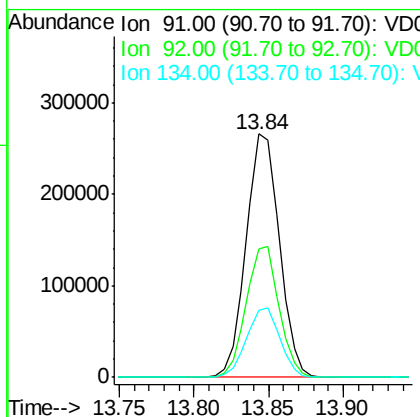
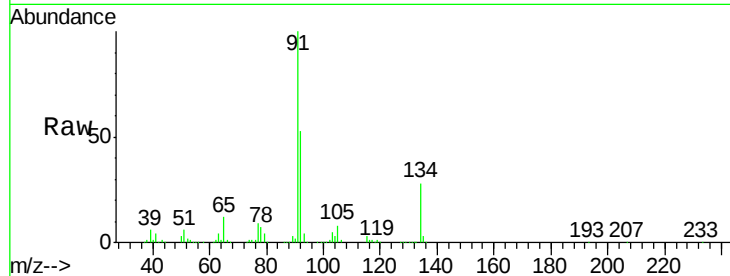
#89
n-Butylbenzene
Concen: 52.700 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.9	26.4	79.0	
134	28.5	14.4	43.4	

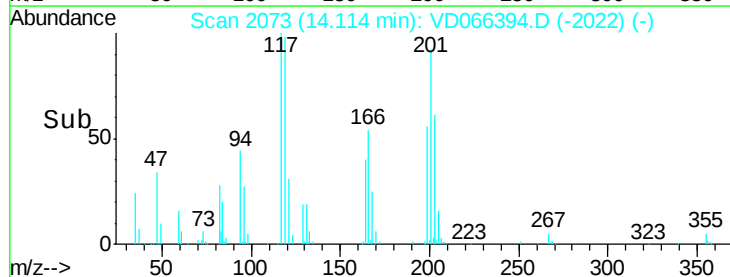
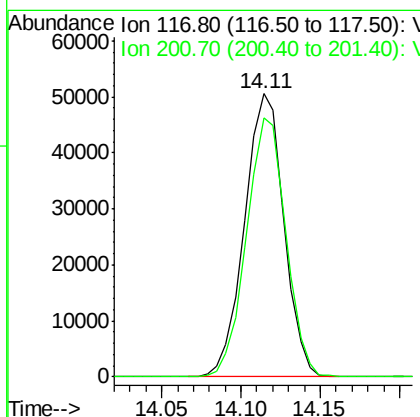
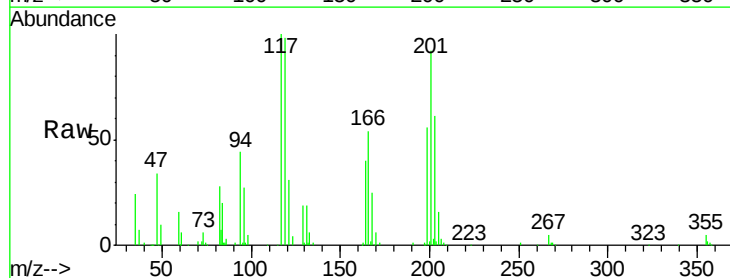
Manual Integrations
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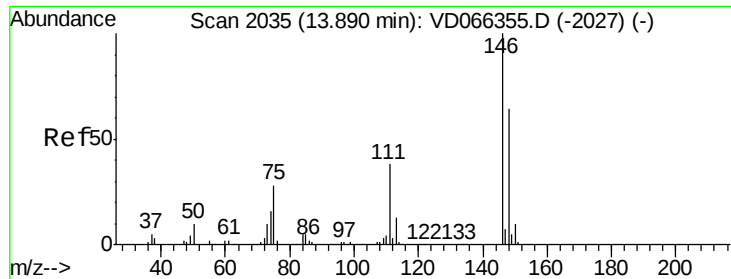
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#90
Hexachloroethane
Concen: 50.100 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	91.6	45.4	136.2	





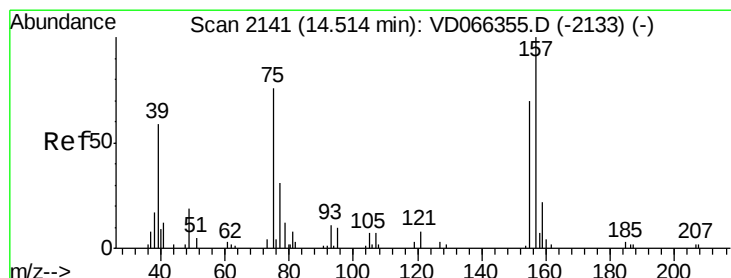
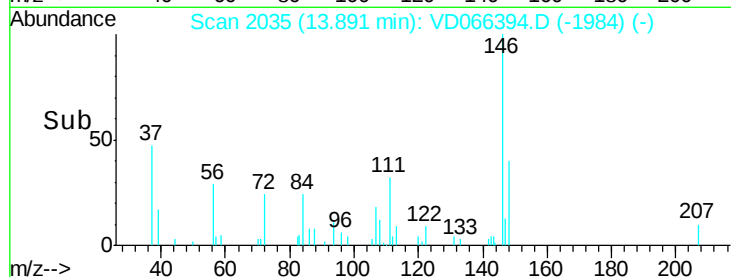
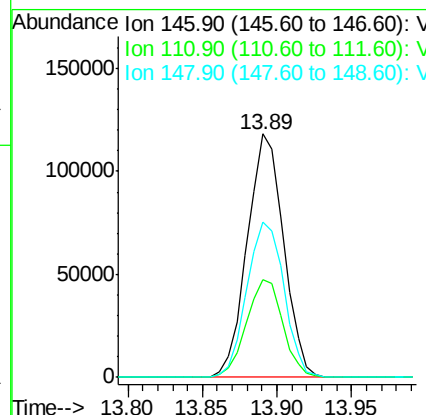
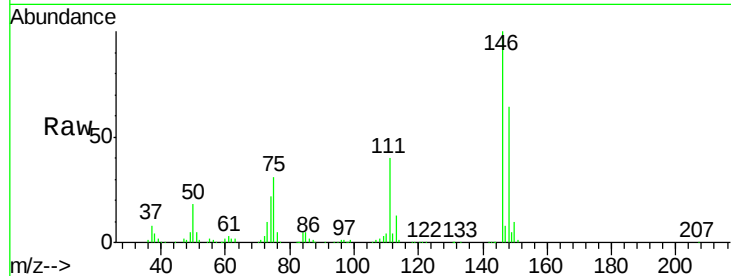
#91
 1,2-Dichlorobenzene
 Concen: 52.473 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	65.1	32.6	97.8

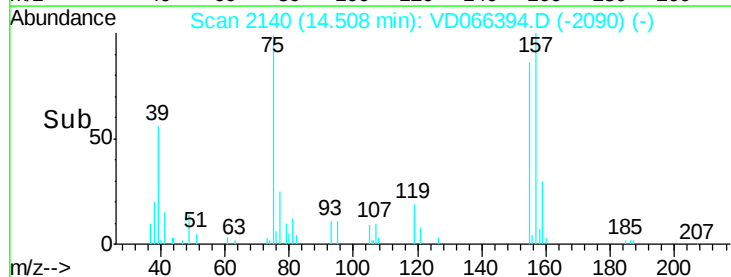
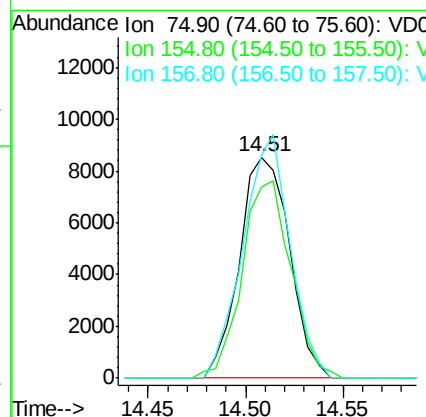
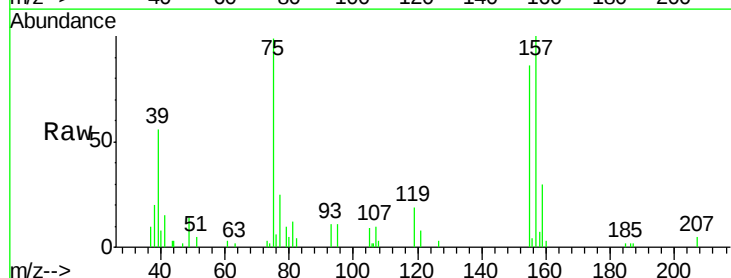
Manual Integrations
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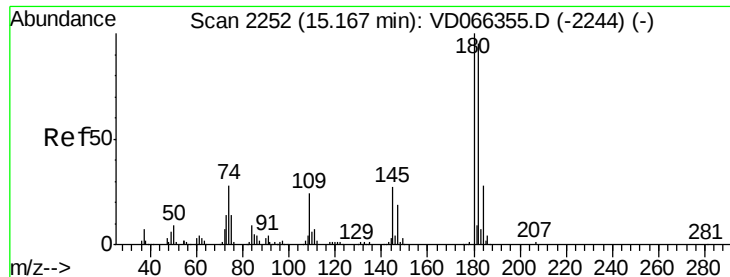
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.371 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	46.9	140.6
157	103.4	61.0	183.0





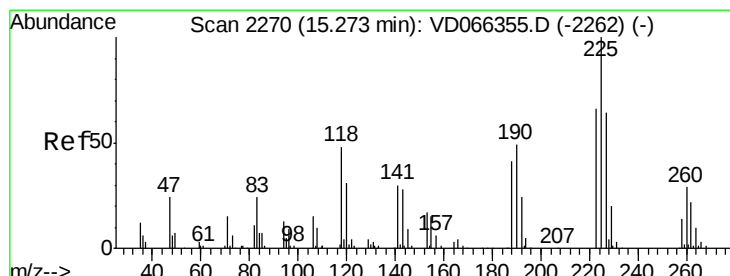
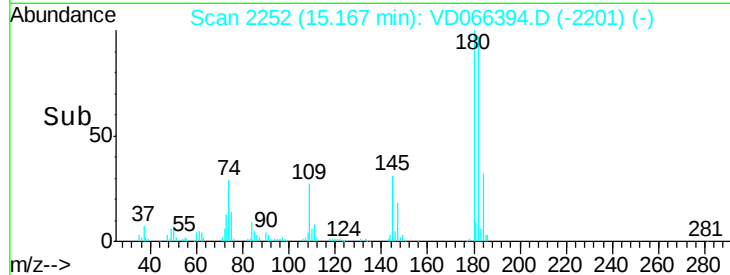
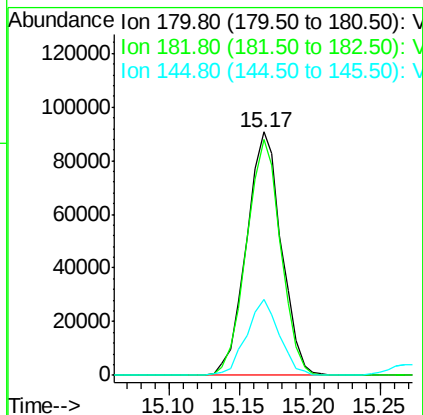
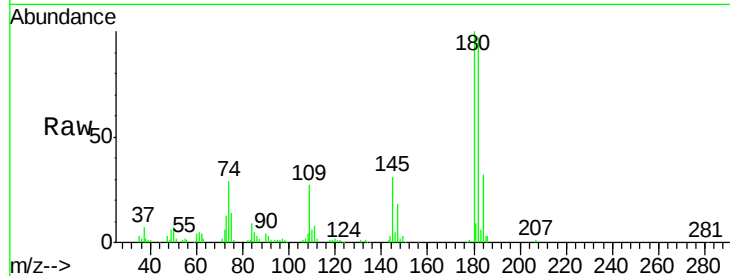
#93
 1,2,4-Trichlorobenzene
 Concen: 53.210 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	157567		
182	95.0	48.0	144.0	
145	29.3	15.2	45.6	

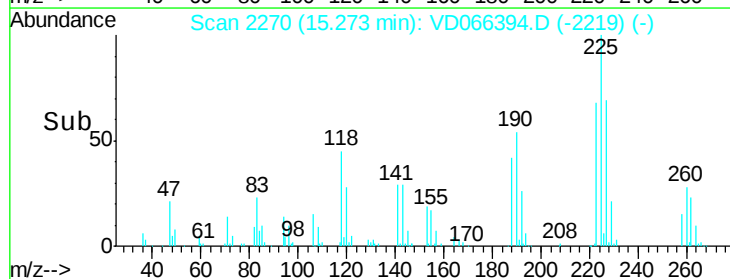
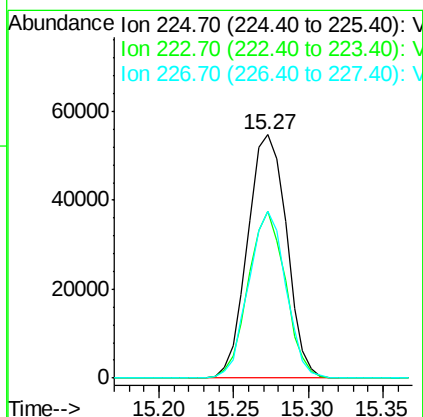
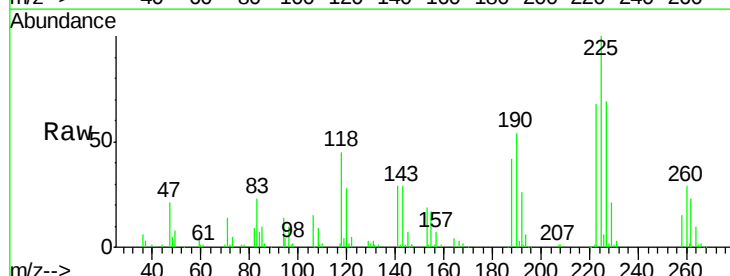
Manual Integrations
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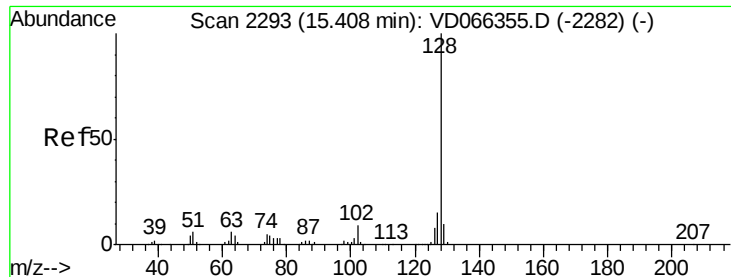
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#94
 Hexachlorobutadiene
 Concen: 53.707 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066394.D
 Acq: 25 Aug 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98834		
223	65.3	32.5	97.4	
227	65.4	33.0	98.9	





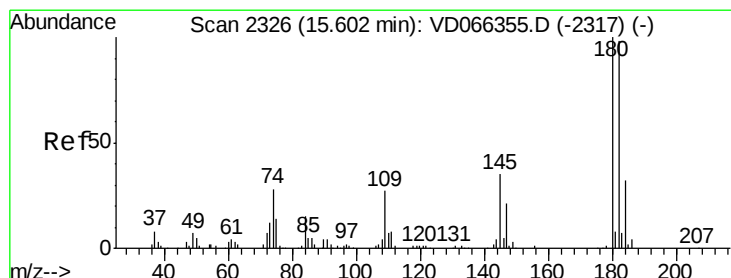
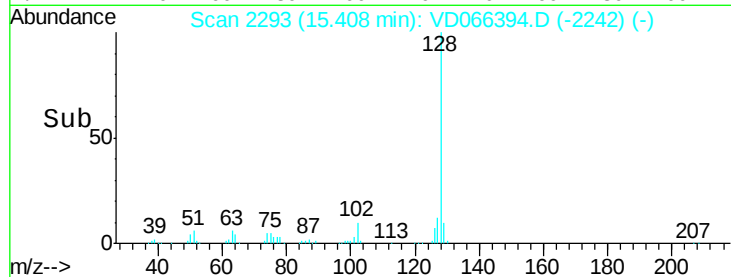
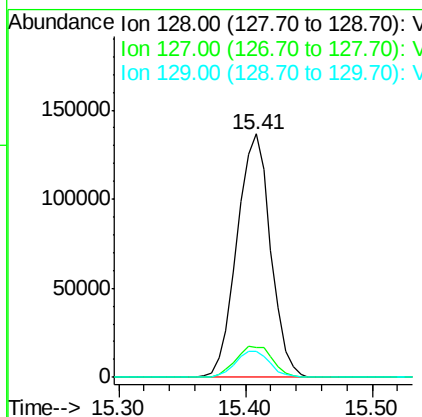
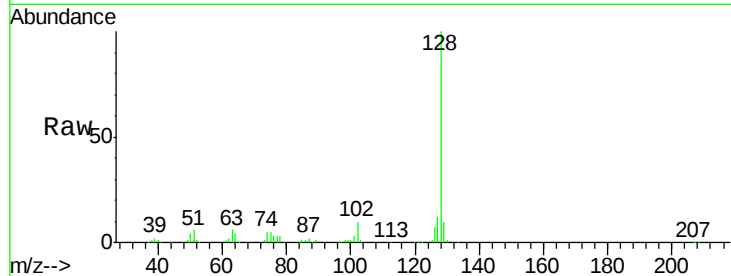
#95
Naphthalene
Concen: 53.897 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	250679
Ion Ratio		Lower	Upper
128	100		
127	14.1	10.7	16.1
129	10.9	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.265 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066394.D
Acq: 25 Aug 2020 11:11

Tgt Ion:	180	Resp:	135119
Ion Ratio		Lower	Upper
180	100		
182	96.7	46.7	140.0
145	31.2	16.0	48.0

