

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066881.D
 Acq On : 25 Sep 2020 18:28
 Operator : VA/SY
 Sample : L4127-05MSD
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Manual Integrations
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MMDadoda
 9/29/2020 11:45:24 AM

Quant Time: Sep 26 04:42:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	337447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	572889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	455658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	141670	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	168123	50.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.80%	
35) Dibromofluoromethane	7.91	113	178283	48.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.84%	
50) Toluene-d8	10.34	98	552577	44.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.00%	
62) 4-Bromofluorobenzene	12.63	95	155002	36.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	126216	54.120	ug/l	92
3) Chloromethane	2.21	50	152332	49.133	ug/l	98
4) Vinyl Chloride	2.35	62	147460	48.142	ug/l	99
5) Bromomethane	2.77	94	112341	52.181	ug/l	99
6) Chloroethane	2.92	64	96211	50.581	ug/l	93
7) Trichlorofluoromethane	3.27	101	298695	47.482	ug/l	99
8) Diethyl Ether	3.71	74	91897	57.543	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	154315	42.305	ug/l	100
10) Methyl Iodide	4.30	142	174403	54.182	ug/l	97
11) Tert butyl alcohol	5.22	59	53157	270.298	ug/l	97
12) 1,1-Dichloroethene	4.06	96	168866	51.104	ug/l	96
13) Acrolein	3.93	56	69646	285.849	ug/l	94
14) Allyl chloride	4.72	41	255557	52.669	ug/l	97
15) Acrylonitrile	5.42	53	194536	274.872	ug/l	99
16) Acetone	4.16	43	188353	268.831	ug/l	95
17) Carbon Disulfide	4.41	76	468592	46.385	ug/l	99
18) Methyl Acetate	4.72	43	118036	77.501	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	434190	60.506	ug/l	96
20) Methylene Chloride	4.97	84	234275	63.531	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	202618	52.957	ug/l	97
22) Diisopropyl ether	6.36	45	594471	59.587	ug/l	98
23) Vinyl Acetate	6.31	43	1177008	217.649	ug/l	96
24) 1,1-Dichloroethane	6.26	63	355643	53.287	ug/l	97
25) 2-Butanone	7.21	43	233370	277.169	ug/l	97
26) 2,2-Dichloropropane	7.21	77	290329	47.461	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	231116	55.595	ug/l	97
28) Bromochloromethane	7.55	49	151400	54.910	ug/l #	98
29) Tetrahydrofuran	7.56	42	150299	278.591	ug/l	97
30) Chloroform	7.71	83	382889	53.221	ug/l	100
31) Cyclohexane	7.98	56	183868	30.617	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	323685	49.736	ug/l	99
36) 1,1-Dichloropropene	8.11	75	245866	43.259	ug/l	99
37) Ethyl Acetate	7.29	43	99842	48.593	ug/l	98
38) Carbon Tetrachloride	8.10	117	264574	42.579	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	127876	19.596	ug/l	96
40) Benzene	8.35	78	795840	50.243	ug/l	99
41) Methacrylonitrile	7.52	41	56247	44.516	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	238639	50.962	ug/l	100
43) Isopropyl Acetate	8.45	43	196824	49.687	ug/l	97
44) Trichloroethene	9.11	130	200042	44.307	ug/l	99
45) 1,2-Dichloropropane	9.38	63	199381	50.029	ug/l	98
46) Dibromomethane	9.47	93	110862	51.199	ug/l	98
47) Bromodichloromethane	9.66	83	295072	50.728	ug/l #	99
48) Methyl methacrylate	9.46	41	109634	56.134	ug/l	95
49) 1,4-Dioxane	9.46	88	27335	1126.285	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	543842	270.948	ug/l	99
52) Toluene	10.40	92	472212	46.282	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	247819	50.056	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	306140	50.712	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	152942	51.380	ug/l	94
56) Ethyl methacrylate	10.66	69	179654	56.337	ug/l	96
57) 1,3-Dichloropropane	10.94	76	249873	50.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	378512	250.684	ug/l	98
59) 2-Hexanone	10.98	43	379681	280.499	ug/l	99
60) Dibromochloromethane	11.14	129	193994	49.934	ug/l	100
61) 1,2-Dibromoethane	11.24	107	139509	50.388	ug/l	95
64) Tetrachloroethene	10.87	164	154082	47.010	ug/l	97
65) Chlorobenzene	11.67	112	459264	48.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	191934	53.467	ug/l	99
67) Ethyl Benzene	11.74	91	741529	44.514	ug/l	100
68) m/p-Xylenes	11.85	106	567922	90.046	ug/l	99
69) o-Xylene	12.18	106	278805	48.887	ug/l	100
70) Styrene	12.19	104	469893	47.445	ug/l	99
71) Bromoform	12.36	173	100534	55.313	ug/l #	99
73) Isopropylbenzene	12.48	105	556953	54.421	ug/l	99
74) N-amyl acetate	12.28	43	178434	89.280	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	142313	80.586	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	87312m	74.368	ug/l	
77) Bromobenzene	12.76	156	162335	67.822	ug/l	98
78) n-propylbenzene	12.82	91	564365	45.838	ug/l	100
79) 2-Chlorotoluene	12.91	91	378697	53.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	458391	52.787	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	42274	90.086	ug/l	98
82) 4-Chlorotoluene	13.00	91	389141	52.615	ug/l	98
83) tert-Butylbenzene	13.22	119	312609	43.809	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	506522	58.823	ug/l	99
85) sec-Butylbenzene	13.40	105	335837	32.729	ug/l	99
86) p-Isopropyltoluene	13.51	119	317879	34.368	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	214028	45.260	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	218058	46.428	ug/l	98
89) n-Butylbenzene	13.84	91	225445	25.644	ug/l	93
90) Hexachloroethane	14.11	117	61589	32.798	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	199289	49.259	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21543	75.834	ug/l	89

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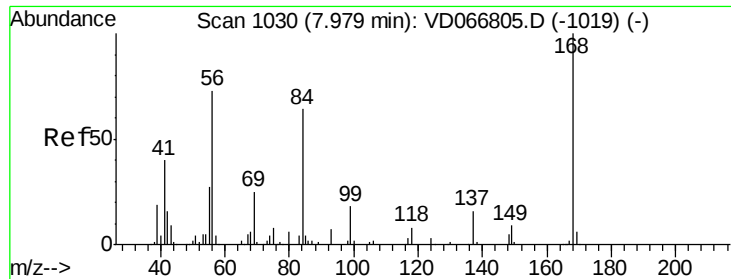
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	57466	22.564	ug/l	91
94) Hexachlorobutadiene	15.27	225	16060	10.523	ug/l	94
95) Naphthalene	15.40	128	245094	56.684	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	49991	22.742	ug/l #	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion:168 Resp: 337447

Ion Ratio Lower Upper

168 100

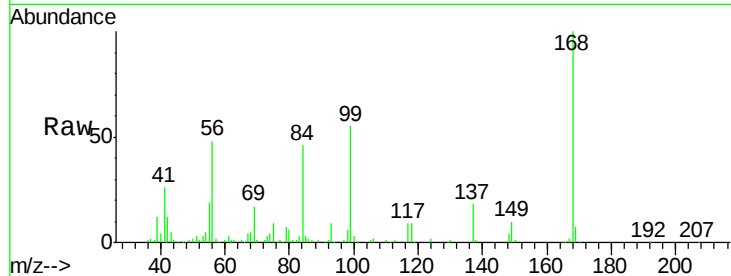
99 54.9 46.6 69.8

Manual Integrations

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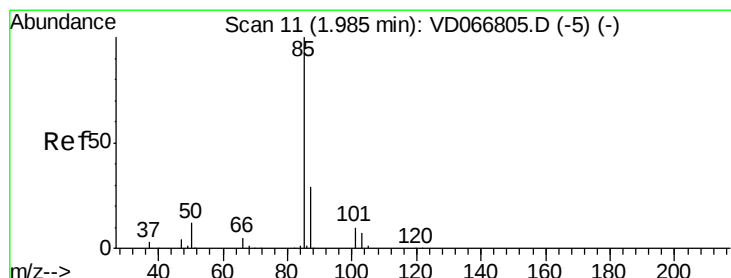
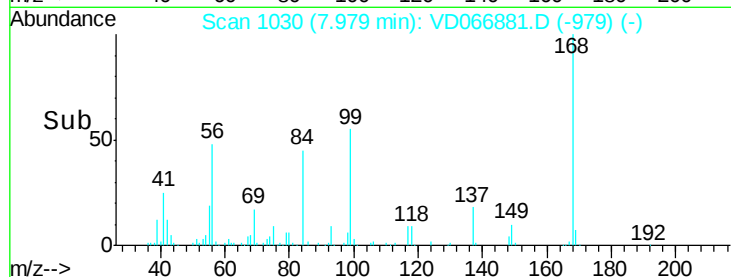
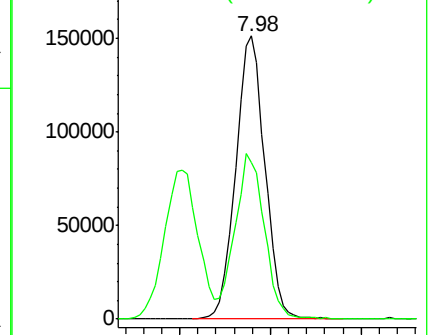
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 54.120 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066881.D

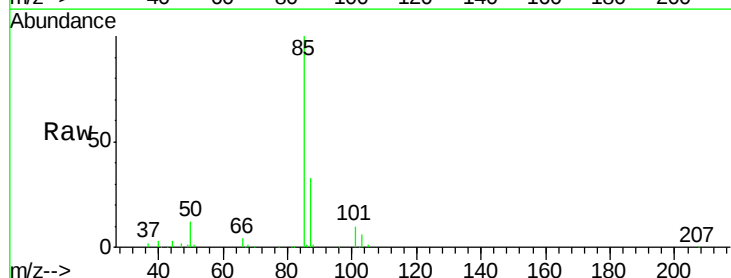
Acq: 25 Sep 2020 18:28

Tgt Ion: 85 Resp: 126216

Ion Ratio Lower Upper

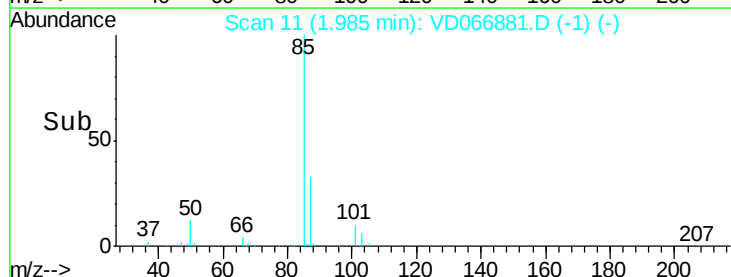
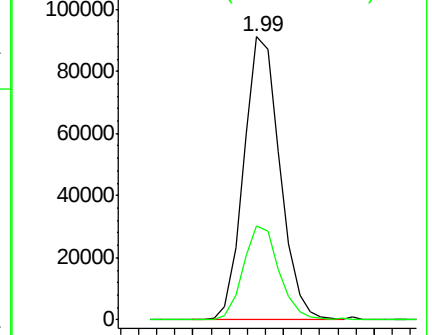
85 100

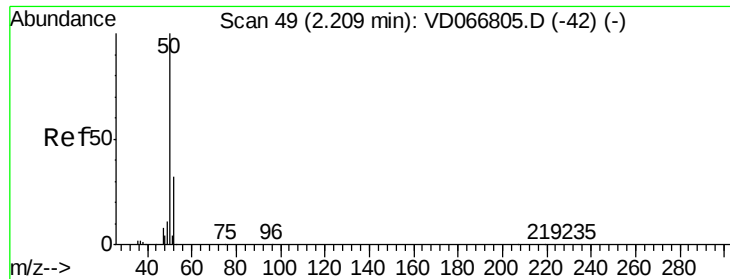
87 33.3 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 49.133 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion: 50 Resp: 152332

Ion Ratio Lower Upper

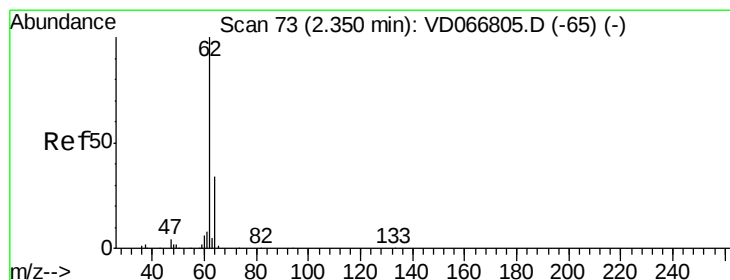
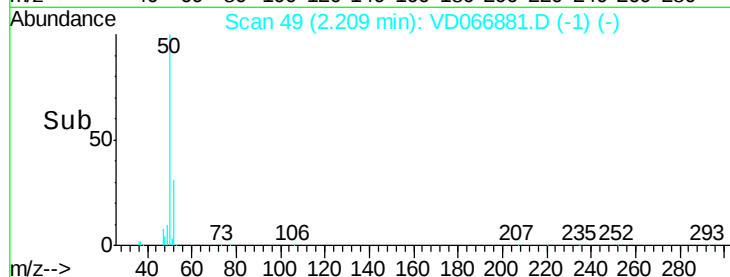
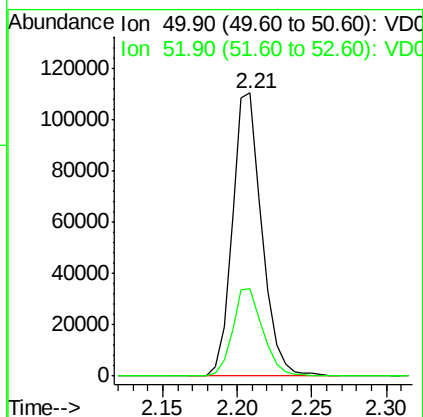
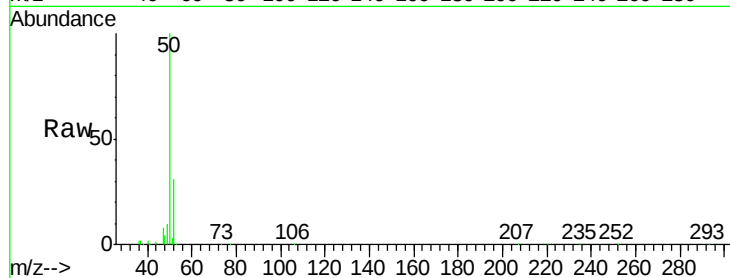
50 100

52 31.0 25.5 38.3

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#4

Vinyl Chloride

Concen: 48.142 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066881.D

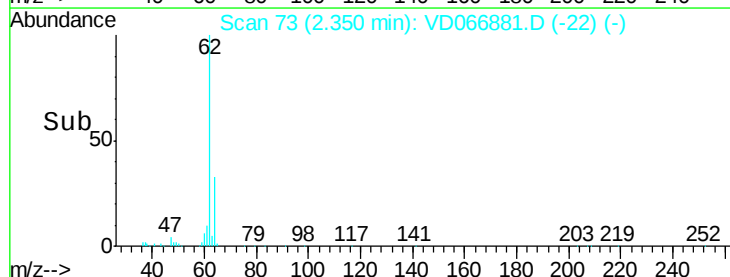
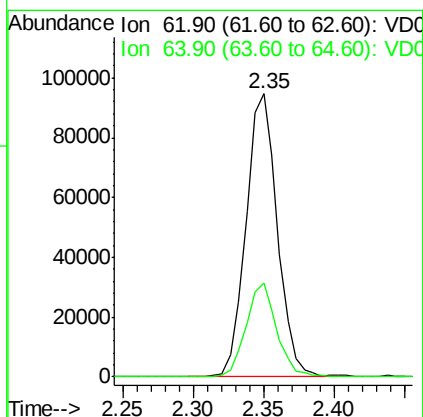
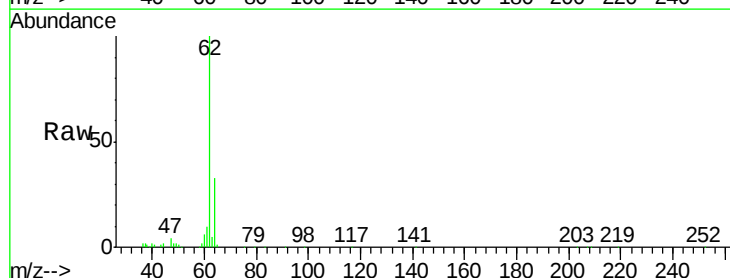
Acq: 25 Sep 2020 18:28

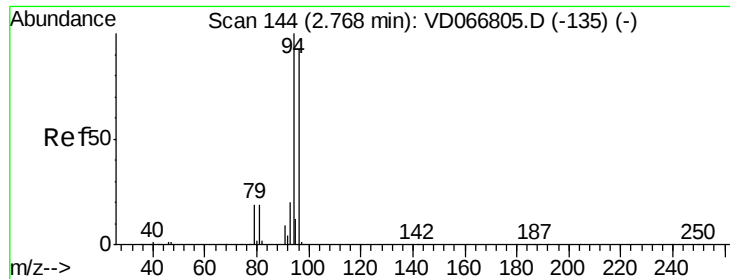
Tgt Ion: 62 Resp: 147460

Ion Ratio Lower Upper

62 100

64 33.1 27.0 40.4





#5

Bromomethane

Concen: 52.181 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion: 94 Resp: 112341

Ion Ratio Lower Upper

94 100

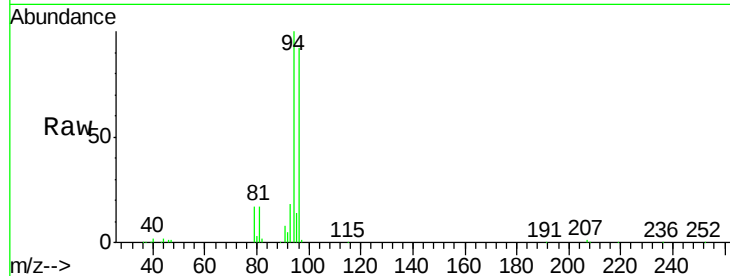
96 92.0 74.3 111.5

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

60000

50000

40000

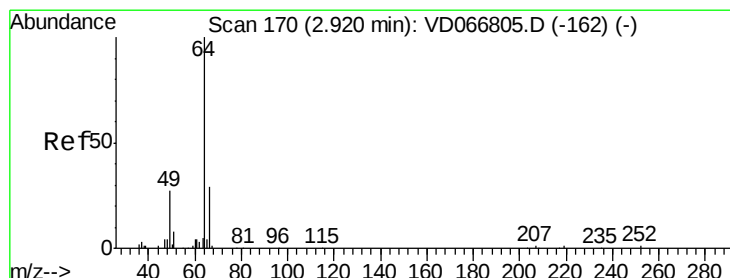
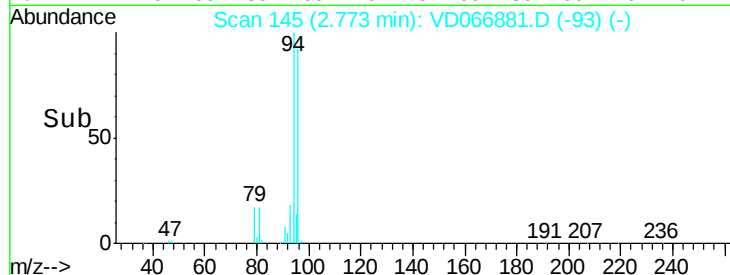
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 50.581 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066881.D

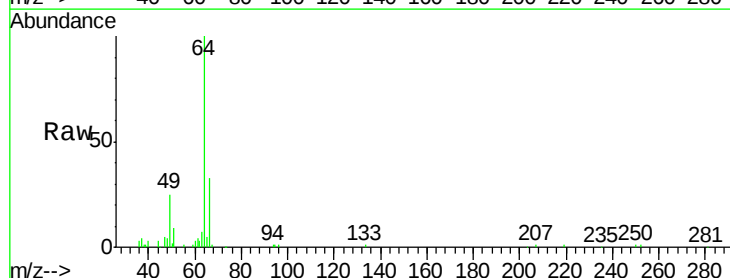
Acq: 25 Sep 2020 18:28

Tgt Ion: 64 Resp: 96211

Ion Ratio Lower Upper

64 100

66 33.1 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

50000

40000

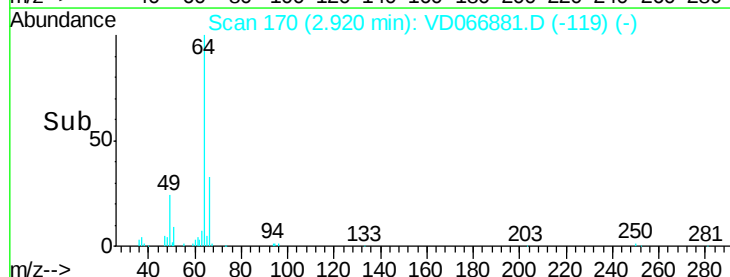
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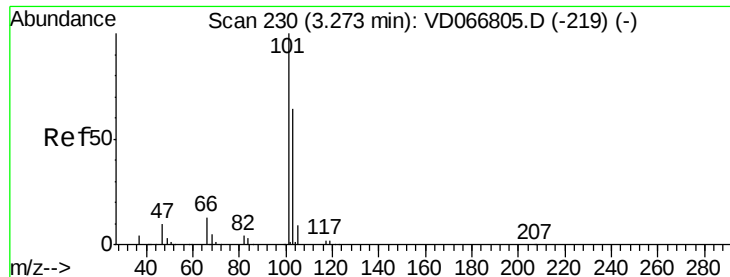
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10000

0

Time-->





#7

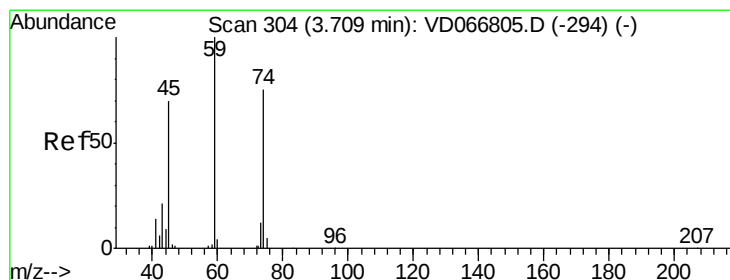
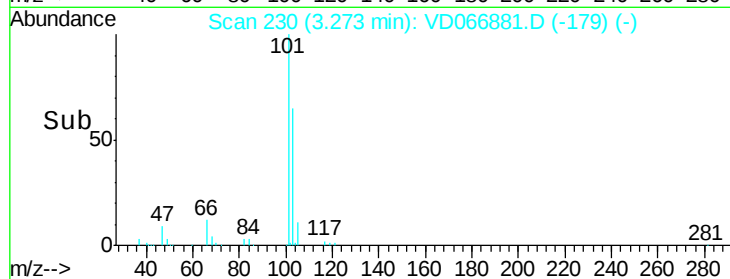
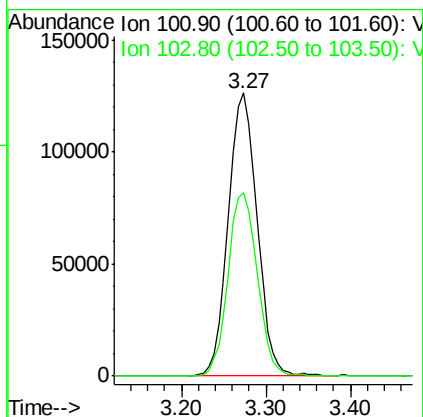
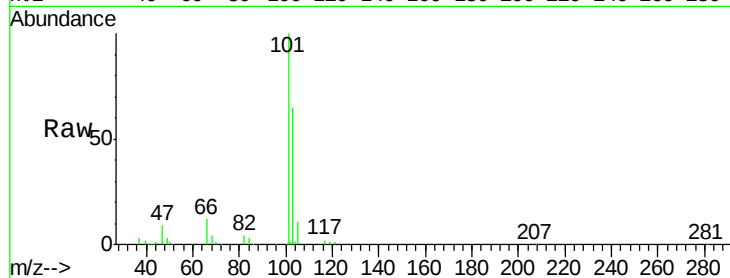
Trichlorofluoromethane
 Concen: 47.482 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	298695		
103	64.7	51.0	76.6	

Manual Integrations
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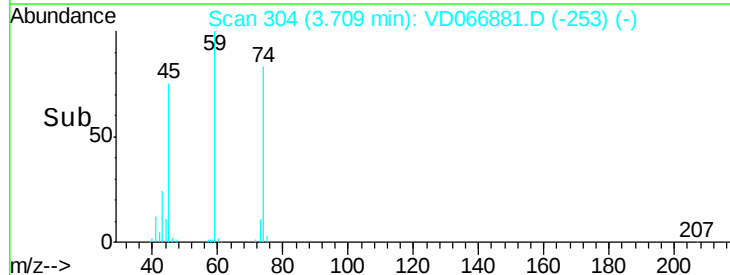
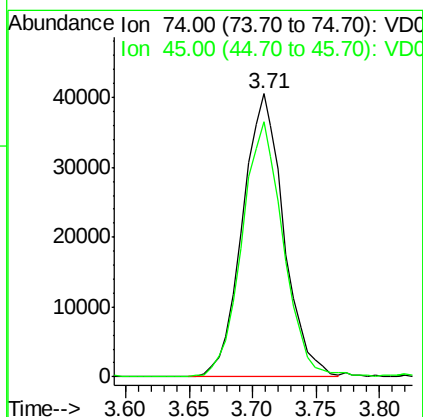
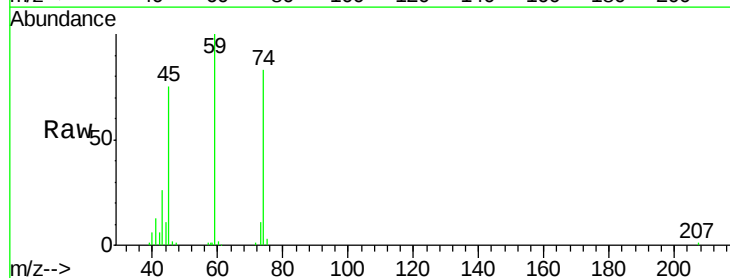
MMDadoda
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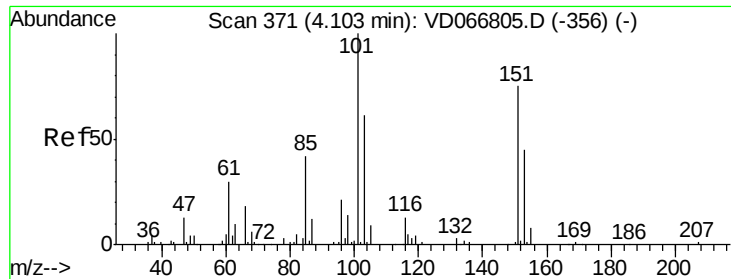


#8

Diethyl Ether
 Concen: 57.543 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	91897		
45	90.2	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.305 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.02 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

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MSVOA_D

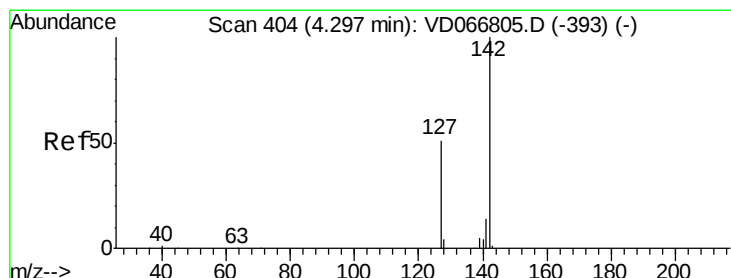
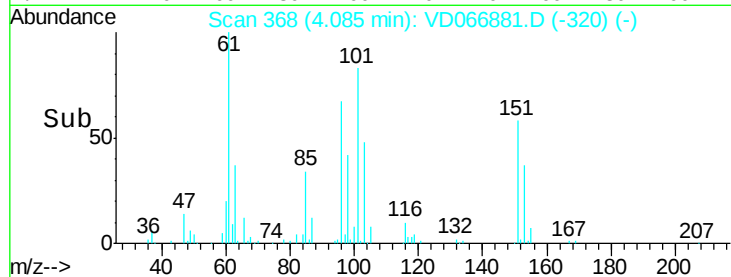
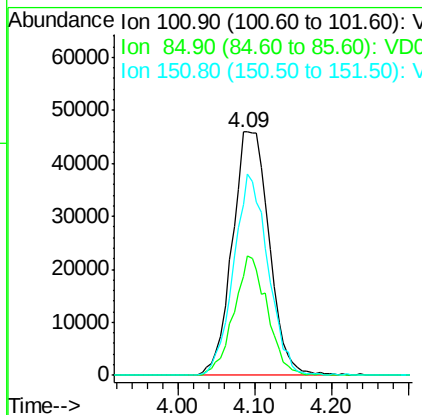
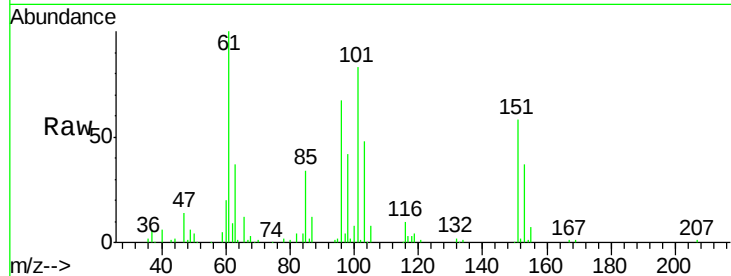
ClientSampleId :

B-2(4-5)MSD

Tot Ion:	101	Resp:	154315
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.4	53.2
151	77.0	61.4	92.0

Manual Integrations
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#10

Methyl Iodide

Concen: 54.182 ug/l

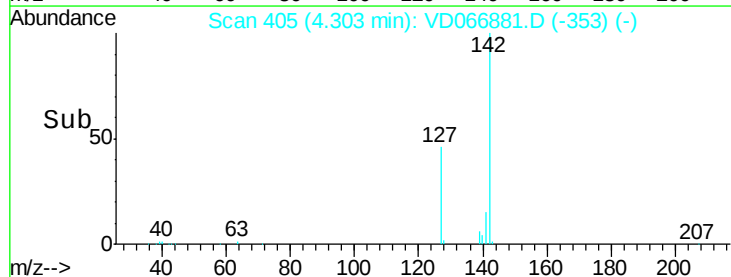
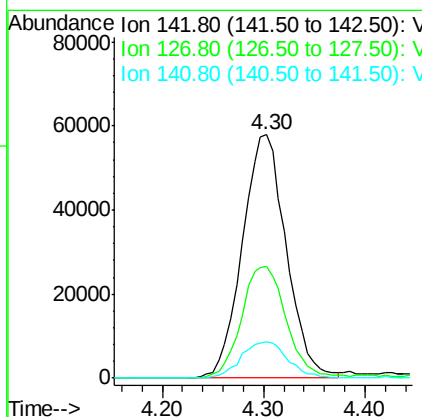
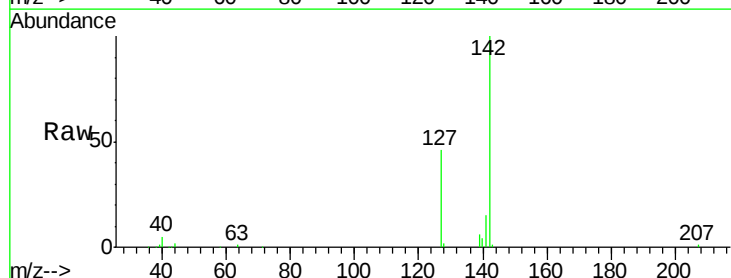
RT: 4.30 min Scan# 405

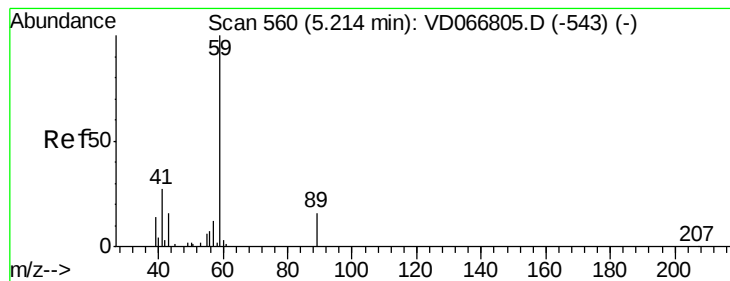
Delta R.T. 0.01 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Tgt Ion:	142	Resp:	174403
Ion Ratio	Lower	Upper	
142	100		
127	47.0	39.4	59.0
141	15.8	12.1	18.1





#11

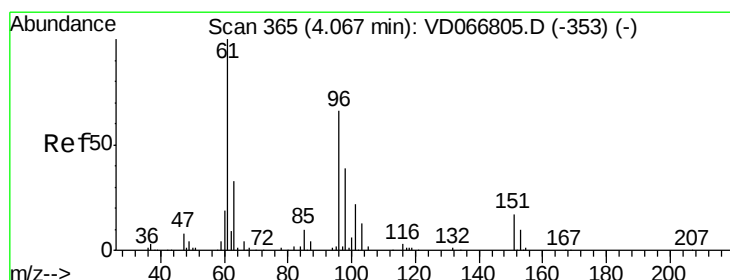
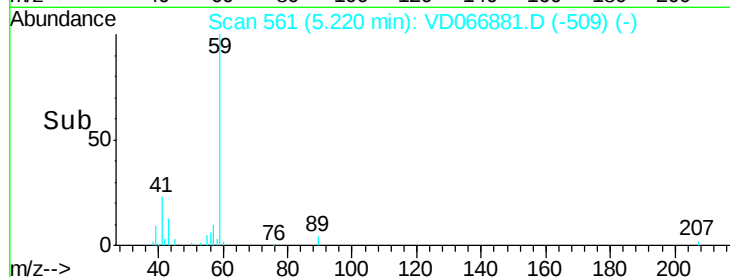
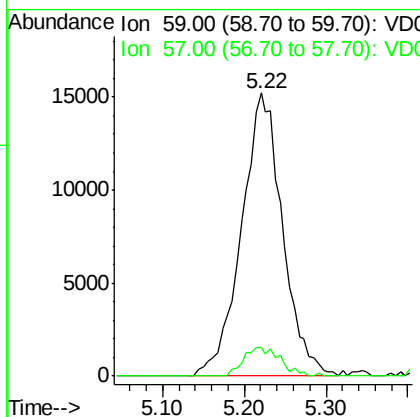
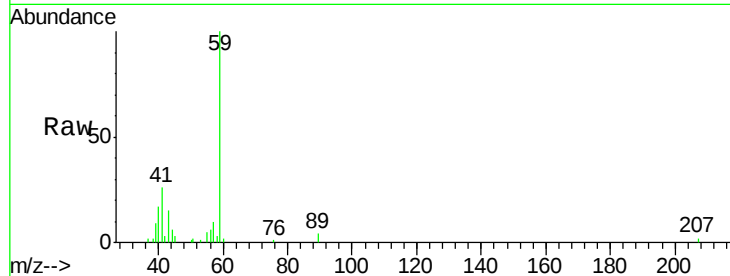
Tert butyl alcohol
Concen: 270.298 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
59	100	53157		
57	9.1		8.3	12.5

Manual Integrations
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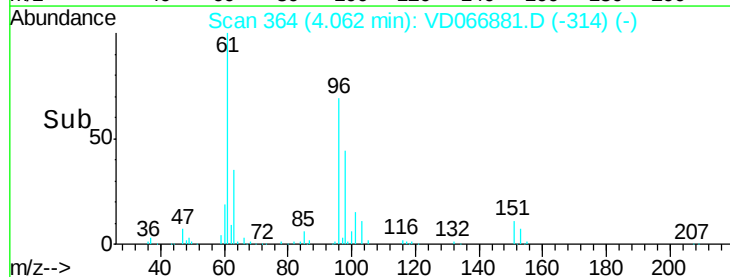
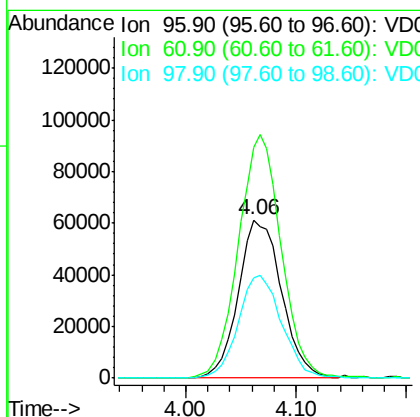
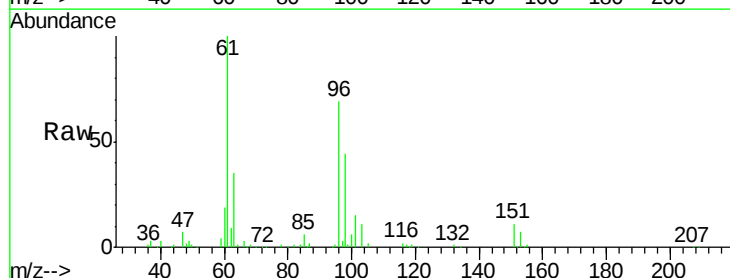
MMDadoda
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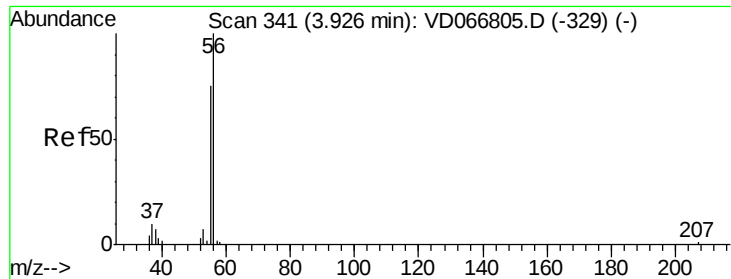


#12

1,1-Dichloroethene
Concen: 51.104 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	168866		
61	145.7		120.8	181.2
98	63.4		47.7	71.5





#13

Acrolein

Concen: 285.849 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion: 56 Resp: 69646

Ion Ratio Lower Upper

56 100

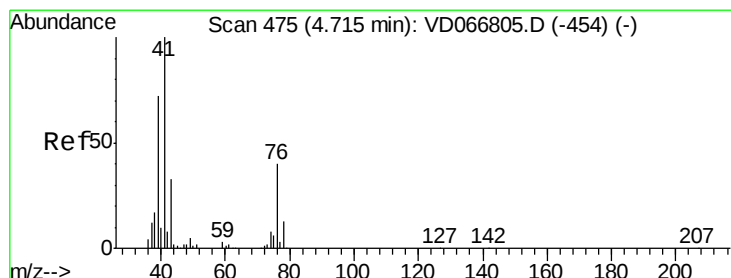
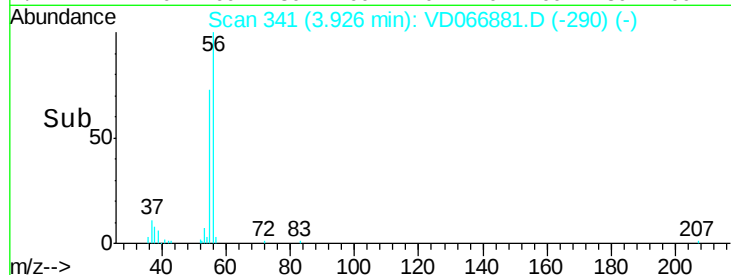
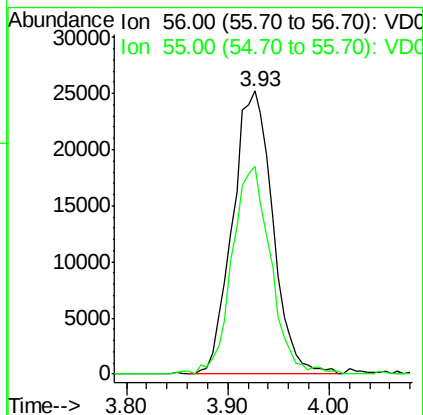
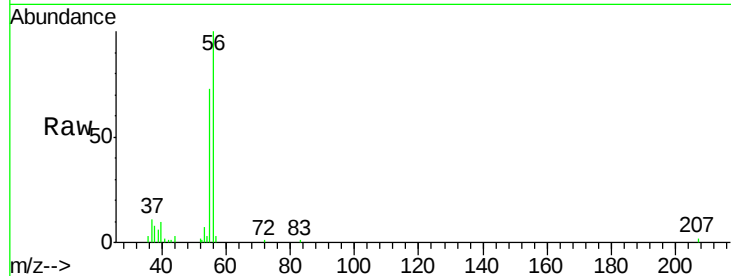
55 70.7 60.3 90.5

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 52.669 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

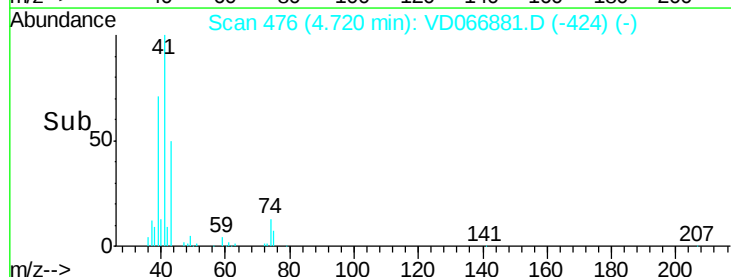
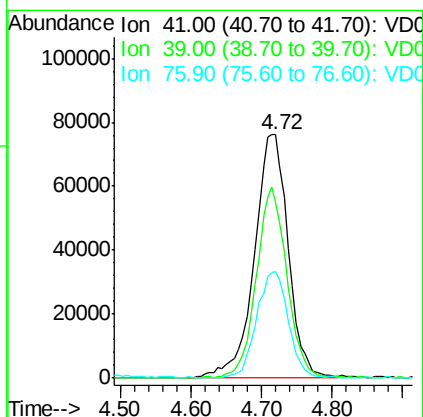
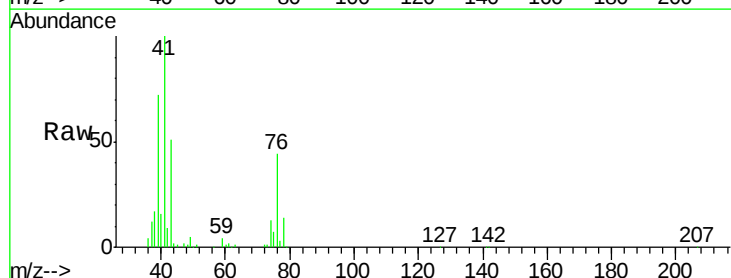
Tgt Ion: 41 Resp: 255557

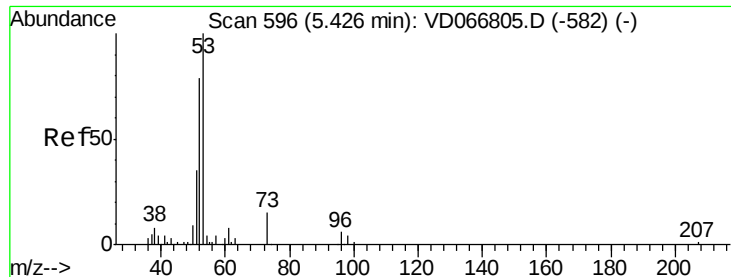
Ion Ratio Lower Upper

41 100

39 70.1 57.8 86.8

76 40.9 30.9 46.3





#15

Acrylonitrile

Concen: 274.872 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

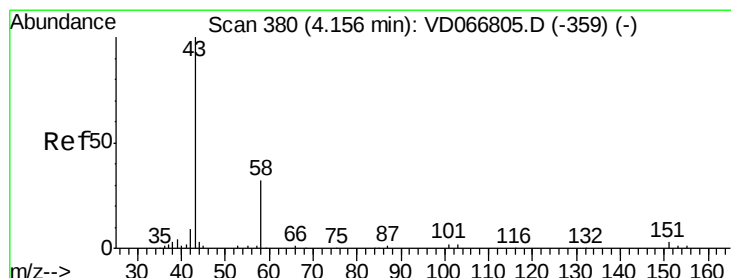
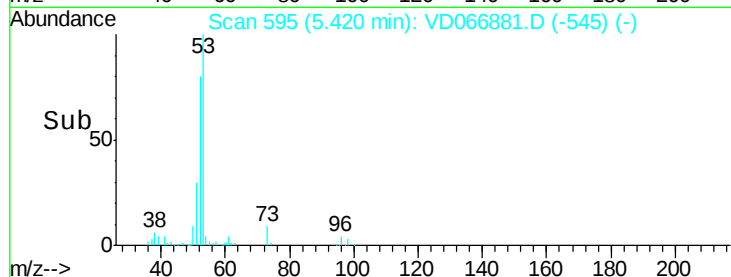
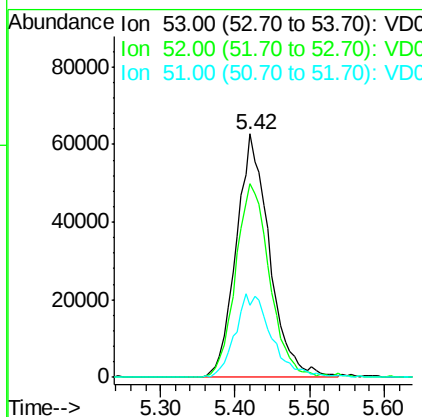
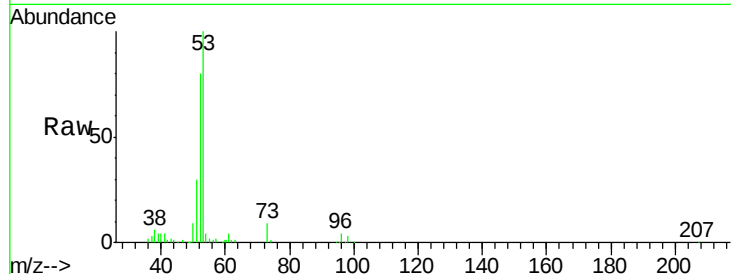
ClientSampleId :

B-2(4-5)MSD

Tot Ion:	53	Resp:	194536
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.2	97.8
51	37.2	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 268.831 ug/l

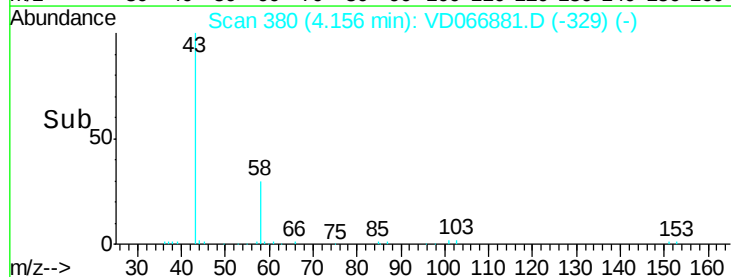
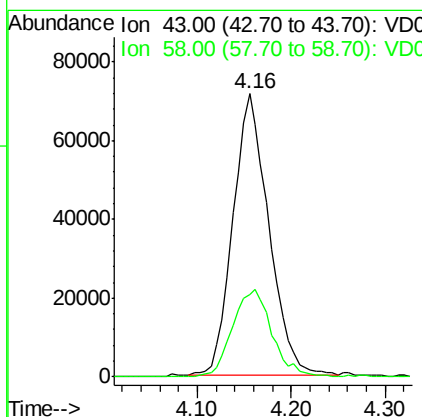
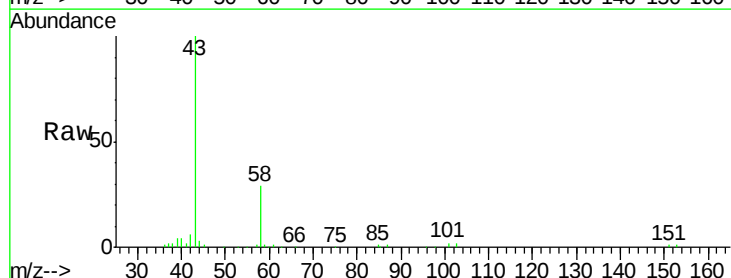
RT: 4.16 min Scan# 380

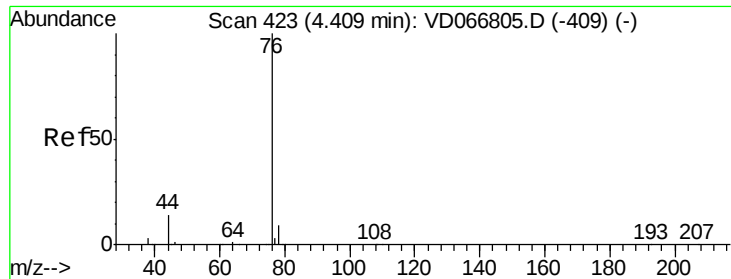
Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Tgt Ion:	43	Resp:	188353
Ion Ratio	Lower	Upper	
43	100		
58	29.3	25.6	38.4





#17

Carbon Disulfide

Concen: 46.385 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion: 76 Resp: 468592

Ion Ratio Lower Upper

76 100

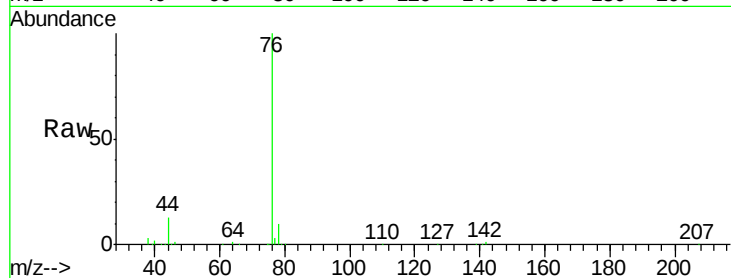
78 9.7 7.6 11.4

Manual Integrations

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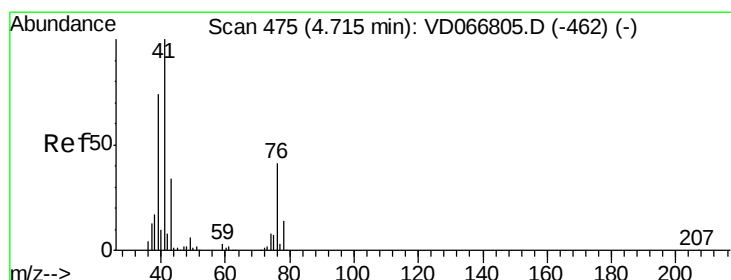
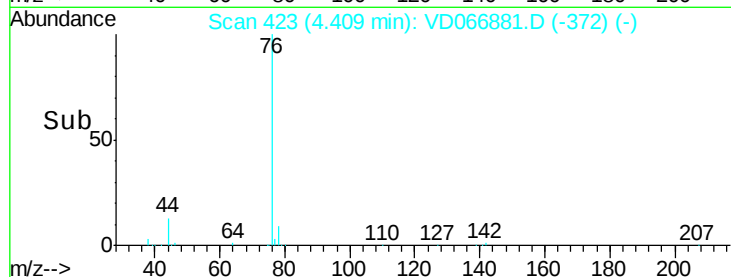
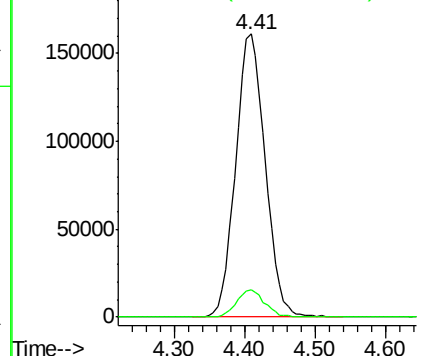
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 77.501 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066881.D

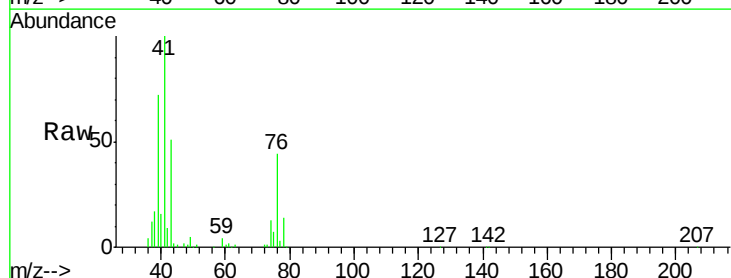
Acq: 25 Sep 2020 18:28

Tgt Ion: 43 Resp: 118036

Ion Ratio Lower Upper

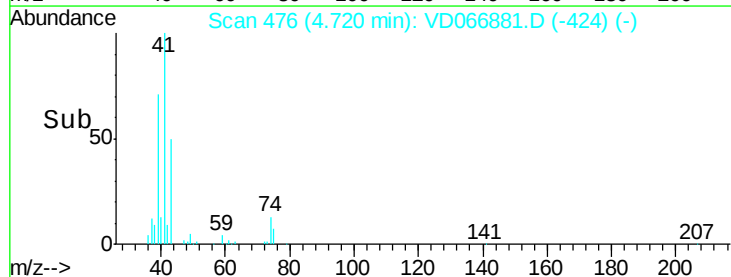
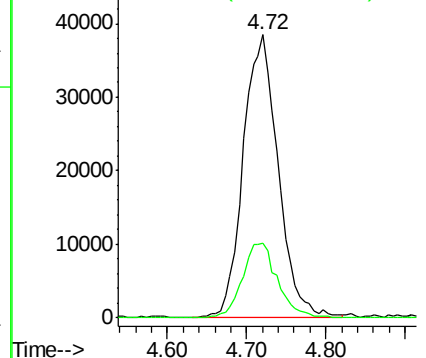
43 100

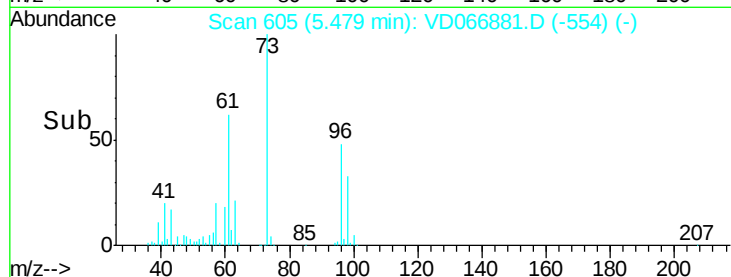
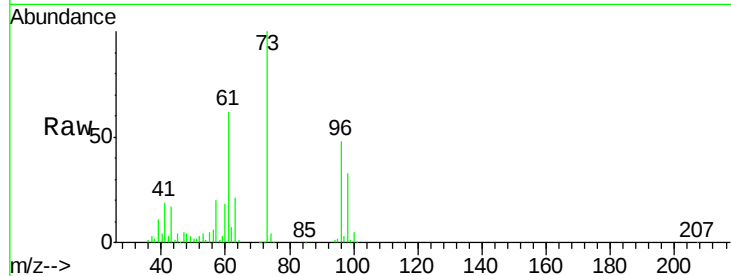
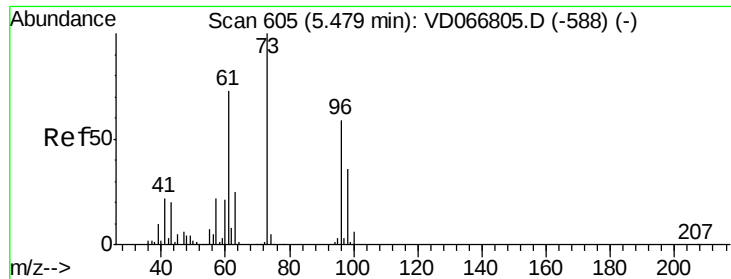
74 26.5 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





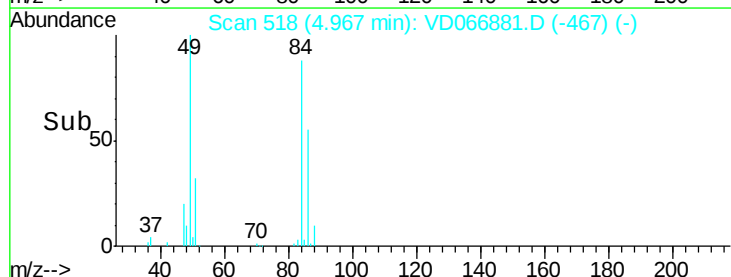
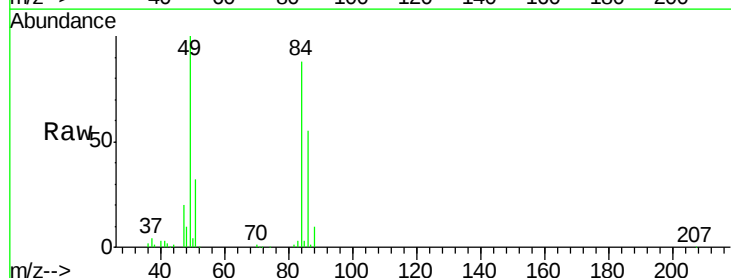
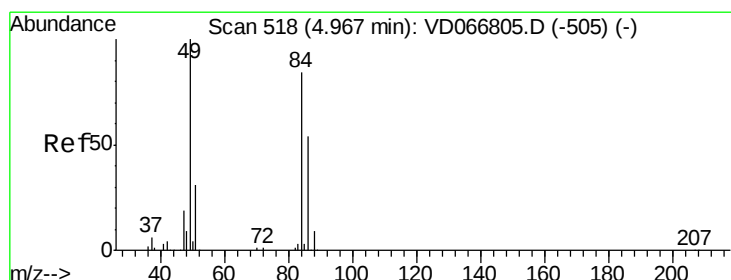
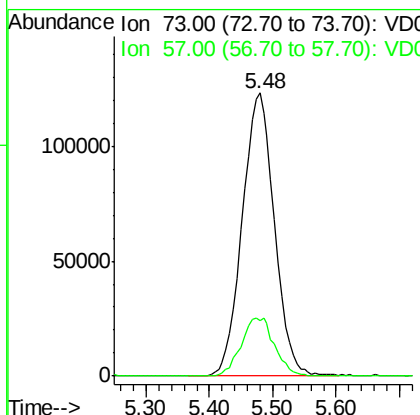
#19
Methvl tert-butvl Ether
Concen: 60.506 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tot Ion: 73 Resp: 434190
Ion Ratio Lower Upper
73 100
57 19.7 17.4 26.2

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

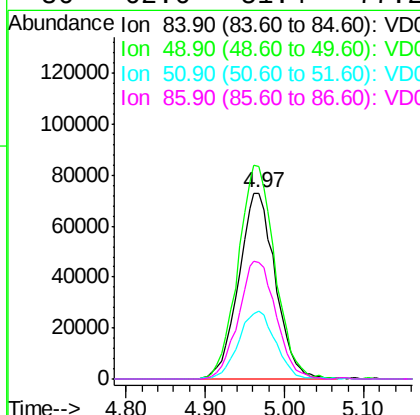
Manual Integrations
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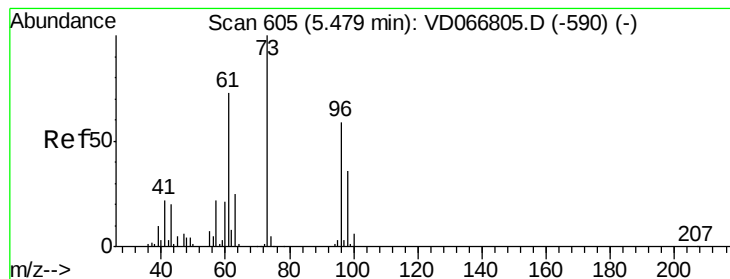
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#20
Methylene Chloride
Concen: 63.531 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion: 84 Resp: 234275
Ion Ratio Lower Upper
84 100
49 114.2 95.4 143.2
51 36.8 29.7 44.5
86 62.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 52.957 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

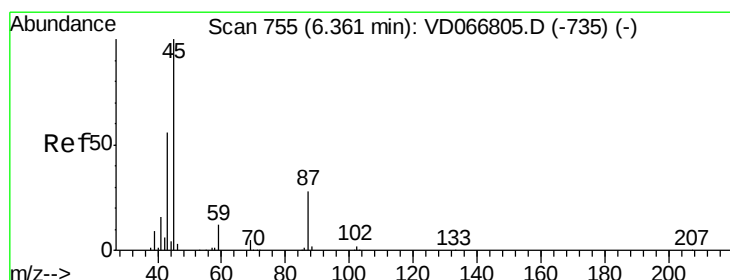
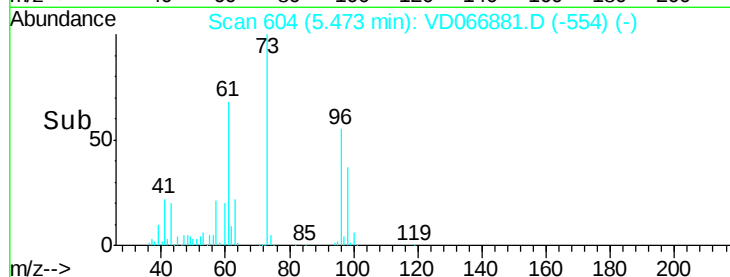
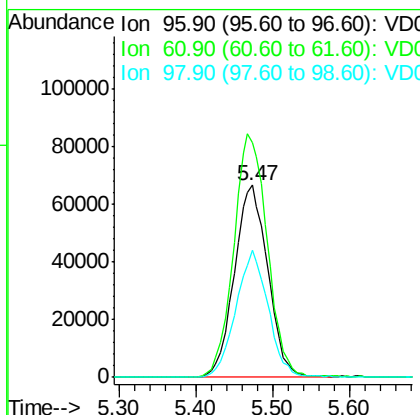
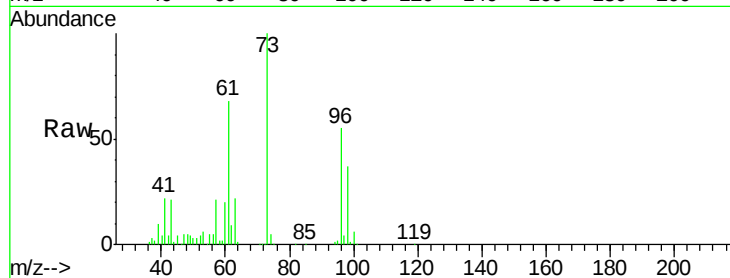
ClientSampleId :

B-2(4-5)MSD

Tot Ion:	96	Resp:	202618
Ion	Ratio	Lower	Upper
96	100		
61	122.3	98.9	148.3
98	66.5	48.4	72.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 59.587 ug/l

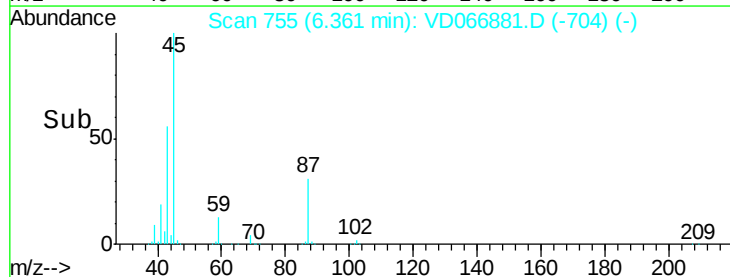
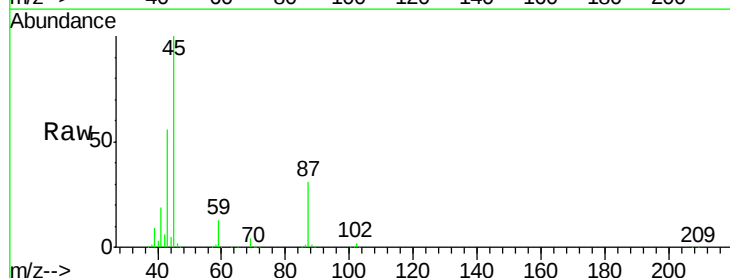
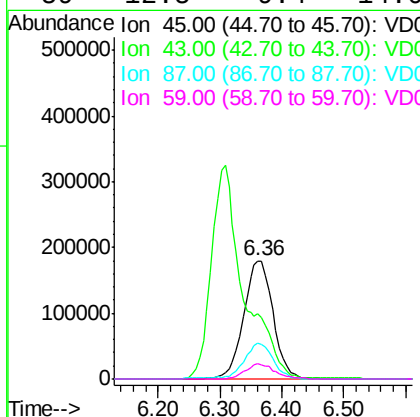
RT: 6.36 min Scan# 755

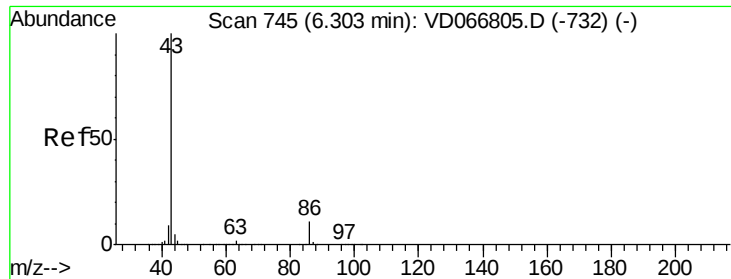
Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Tgt Ion:	45	Resp:	594471
Ion	Ratio	Lower	Upper
45	100		
43	54.5	44.5	66.7
87	30.6	22.9	34.3
59	12.5	9.4	14.0





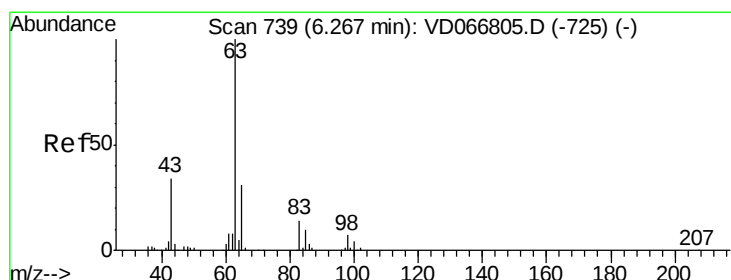
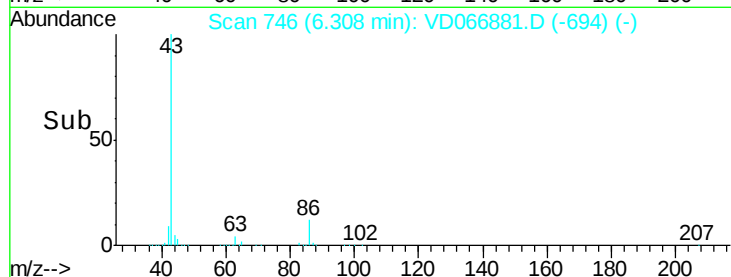
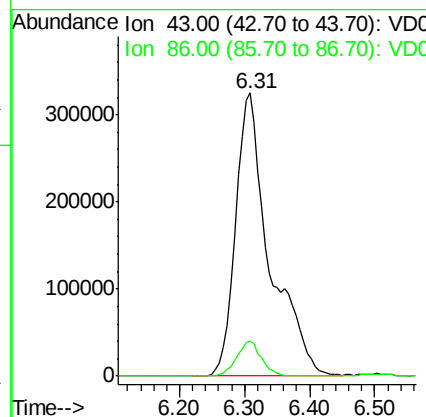
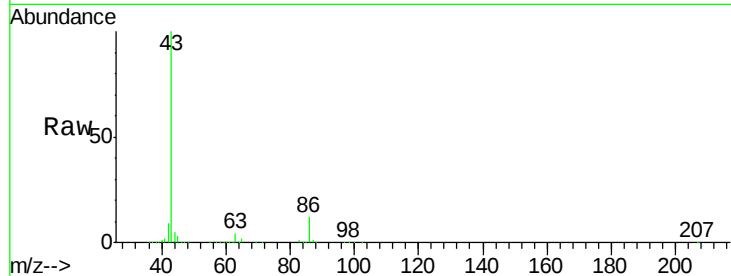
#23
 Vinyl Acetate
 Concen: 217.649 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Tot Ion: 43 Resp: 1177008
 Ion Ratio Lower Upper
 43 100
 86 12.4 8.9 13.3

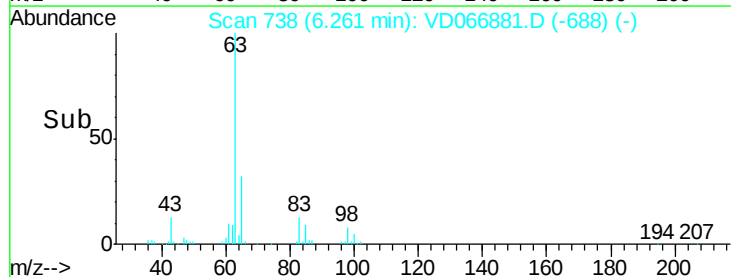
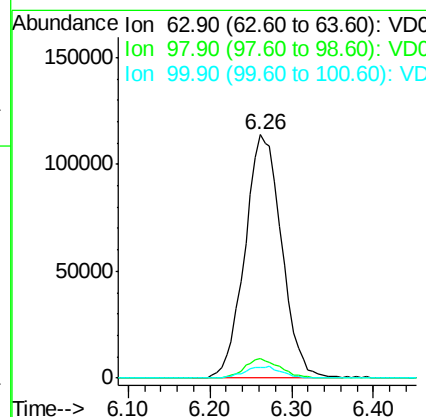
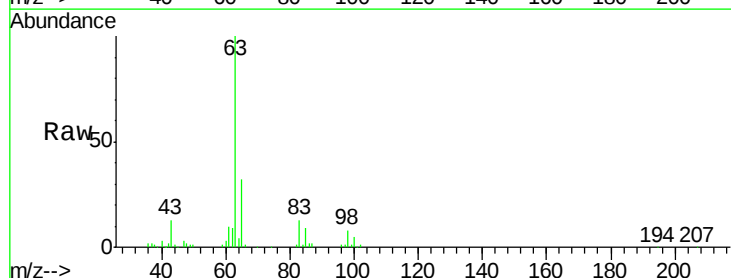
Manual Integrations
 APPROVED

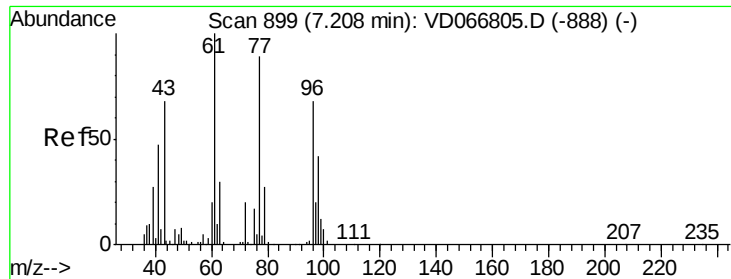
MMDadoda
 9/29/2020 11:45:24 AM



#24
 1,1-Dichloroethane
 Concen: 53.287 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion: 63 Resp: 355643
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.7 11.1
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 277.169 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion: 43 Resp: 233370

Ion Ratio Lower Upper

43 100

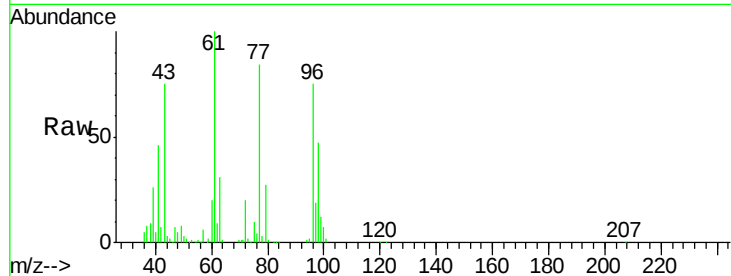
72 27.2 22.9 34.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

100000

80000

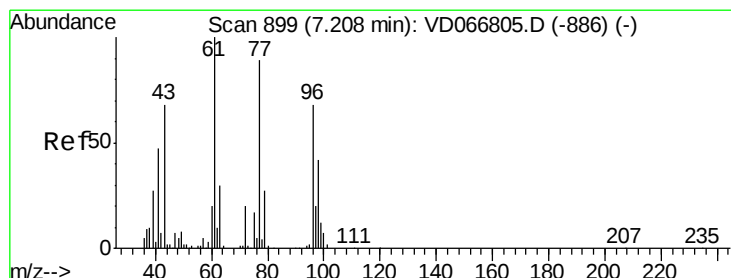
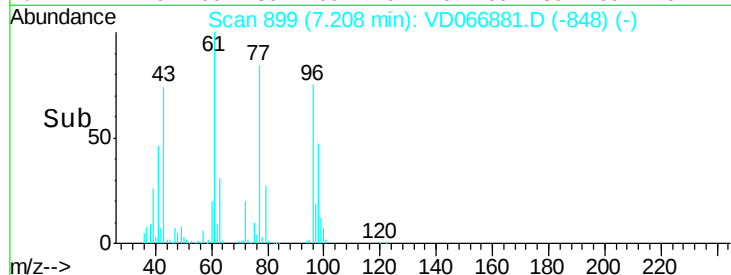
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#26

2,2-Dichloropropane

Concen: 47.461 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066881.D

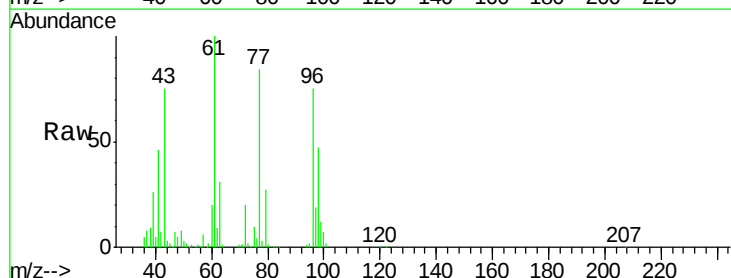
Acq: 25 Sep 2020 18:28

Tgt Ion: 77 Resp: 290329

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

100000

80000

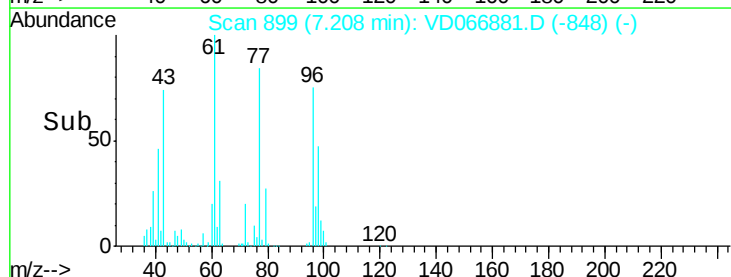
60000

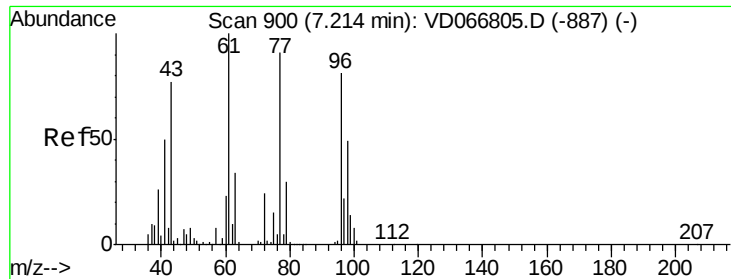
40000

20000

0

Time--> 7.10 7.20 7.30





#27

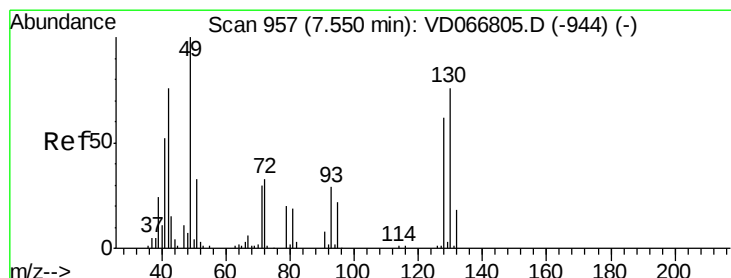
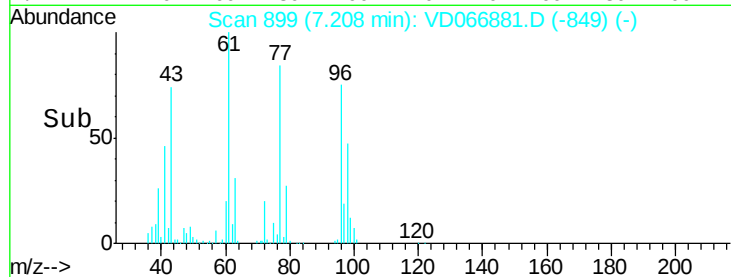
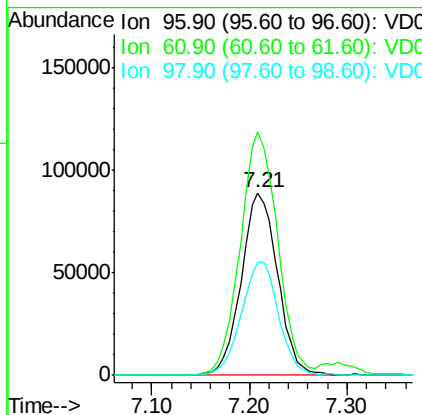
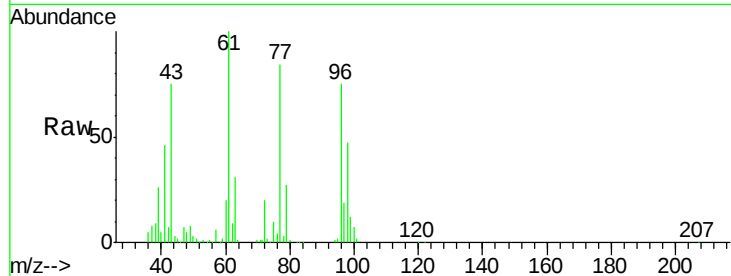
cis-1,2-Dichloroethene
 Concen: 55.595 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	231116		
61	137.0	0.0	283.8	
98	63.8	0.0	128.4	

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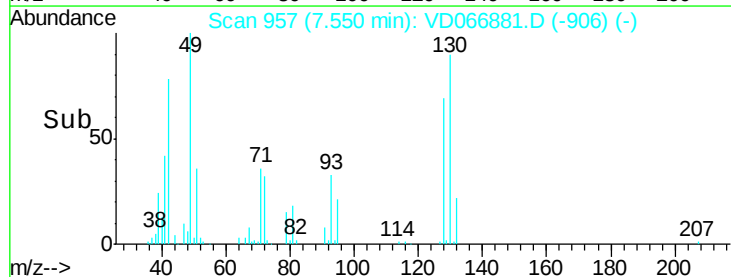
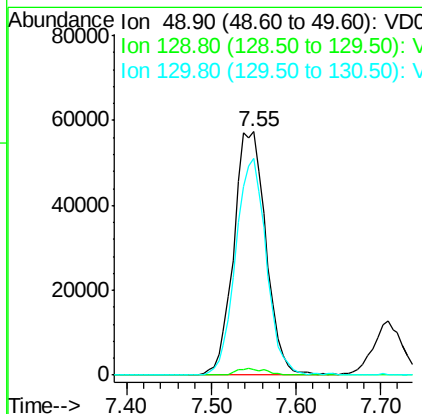
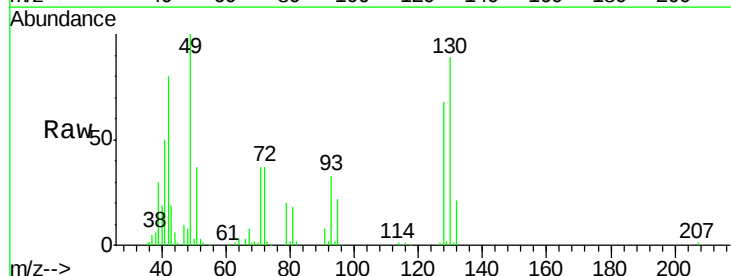
MMDadoda
 9/29/2020 11:45:24 AM

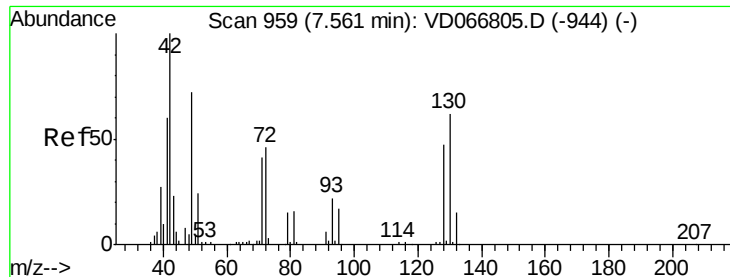


#28

Bromochloromethane
 Concen: 54.910 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	151400		
129	2.3	0.0	2.0#	
130	84.6	65.9	98.9	





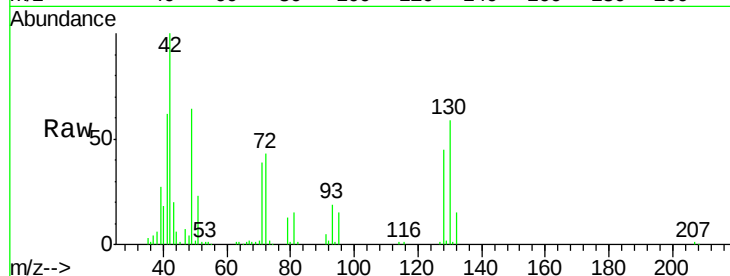
#29
Tetrahydrofuran
Concen: 278.591 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

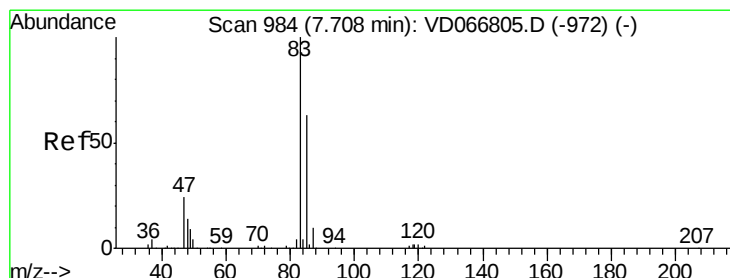
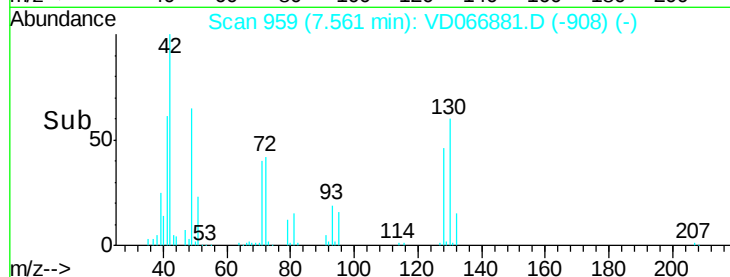
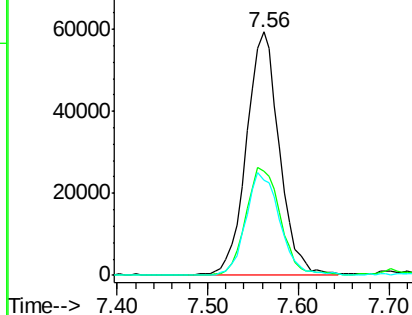
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	36.2	54.4
71	43.7	32.4	48.6

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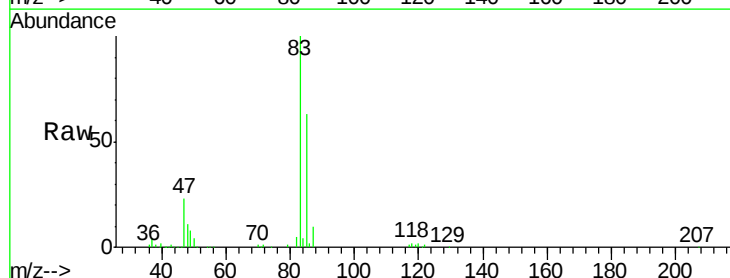


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

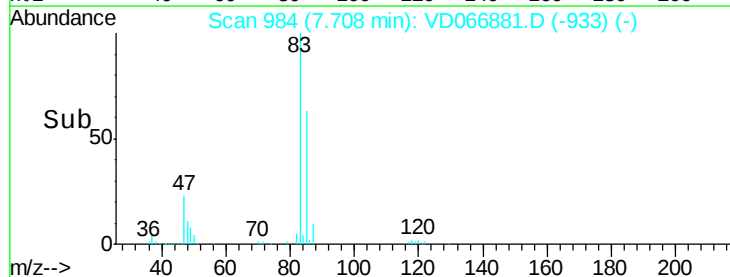
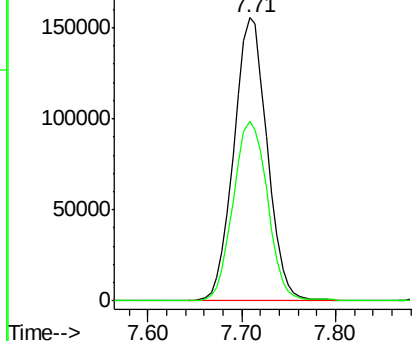


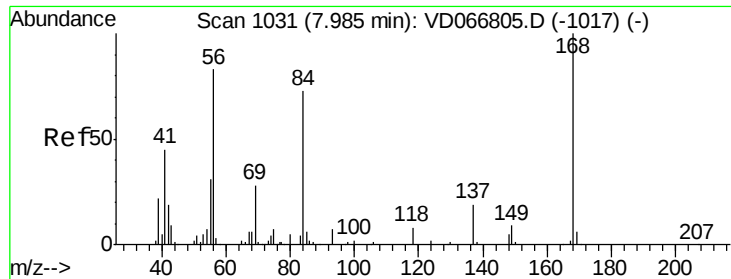
#30
Chloroform
Concen: 53.221 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	75.8



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





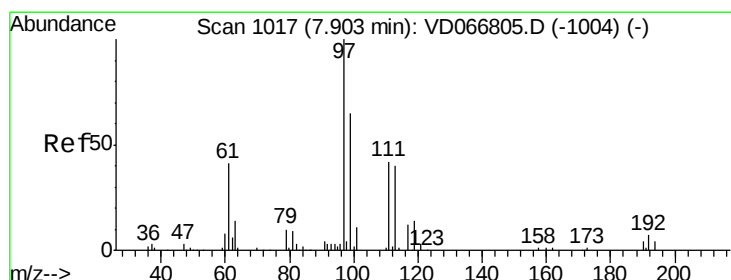
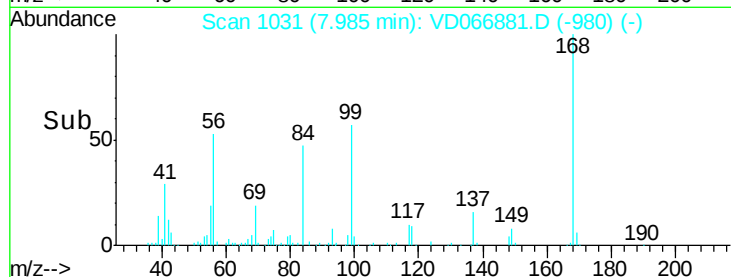
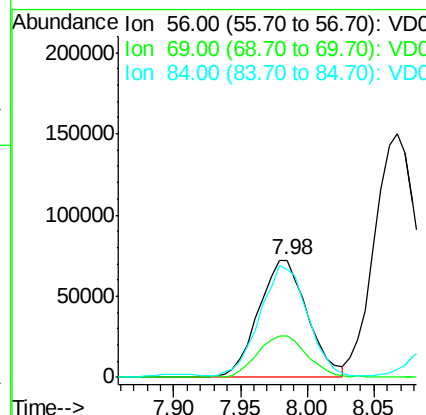
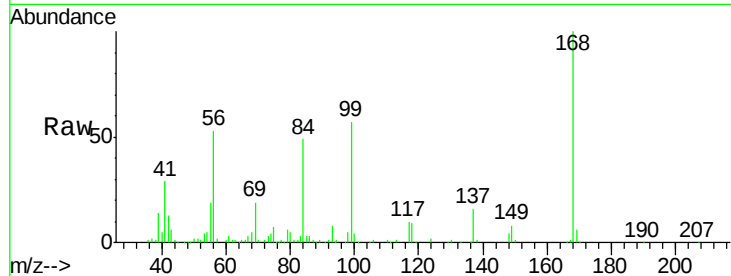
#31
Cyclohexane
Concen: 30.617 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleID :
B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
56	100			
69	35.6	27.0	40.4	
84	90.5	70.2	105.4	

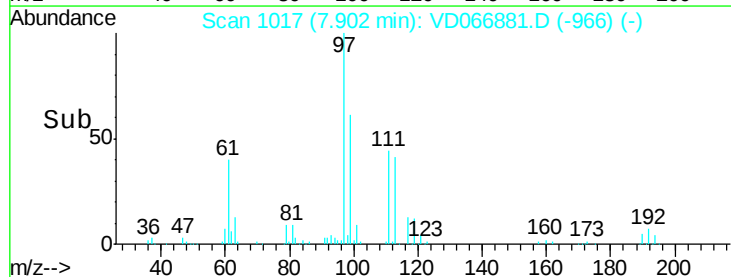
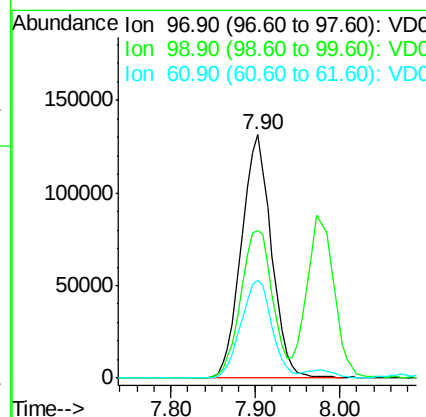
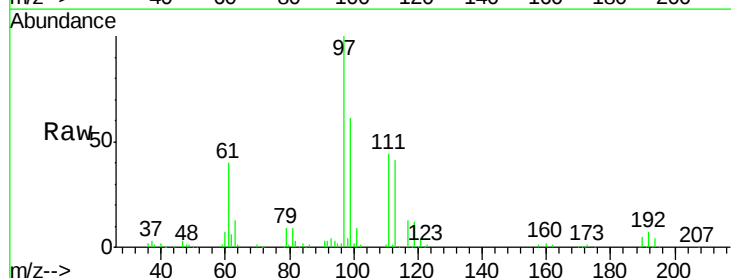
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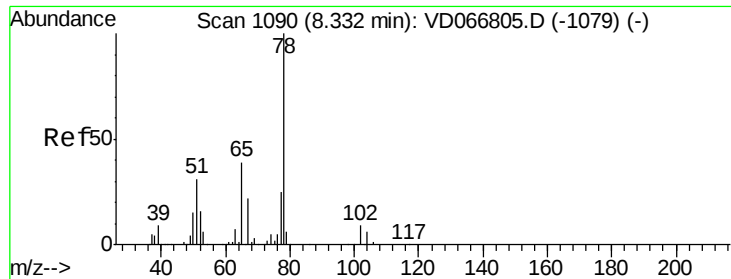
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#32
1,1,1-Trichloroethane
Concen: 49.736 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
99	64.1	51.5	77.3	
61	41.4	34.2	51.4	





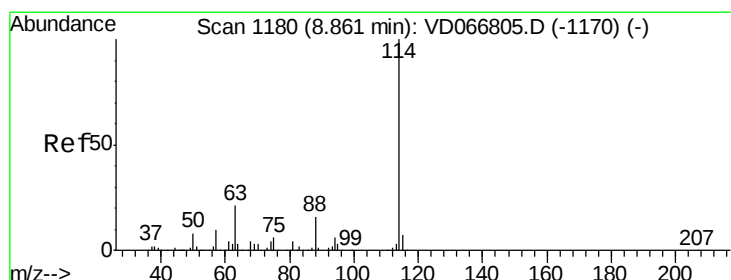
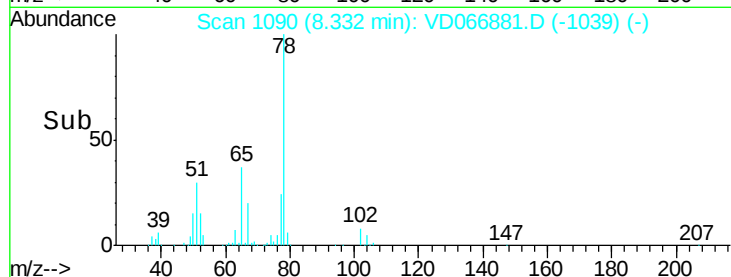
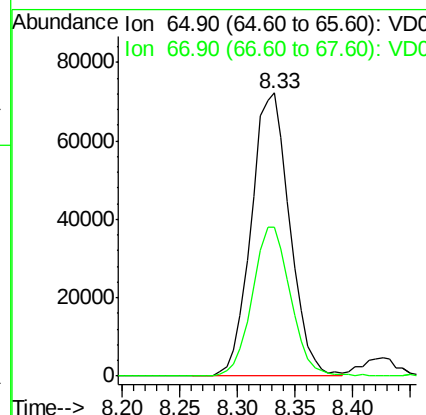
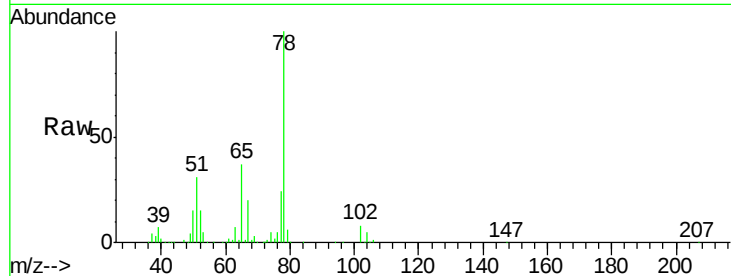
#33
 1,2-Dichloroethane-d4
 Concen: 50.903 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168123		
67	52.5	0.0	107.2	

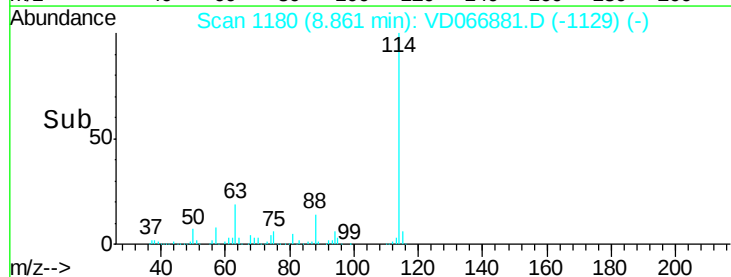
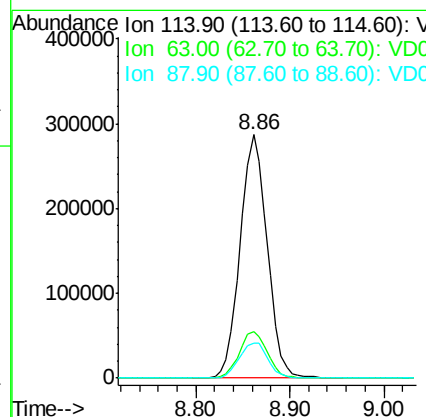
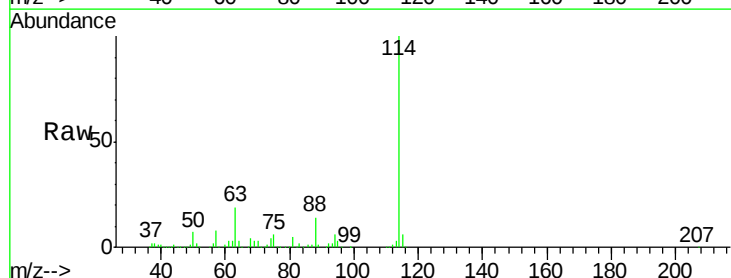
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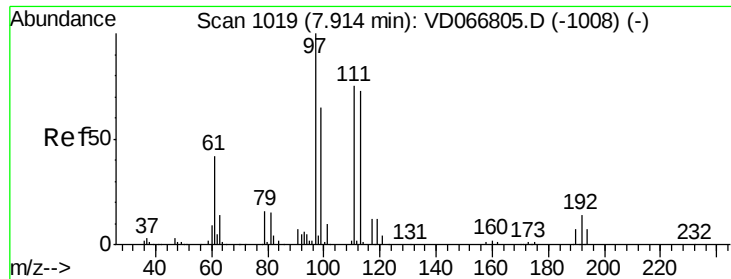
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	572889		
63	19.1	0.0	42.6	
88	14.3	0.0	32.6	





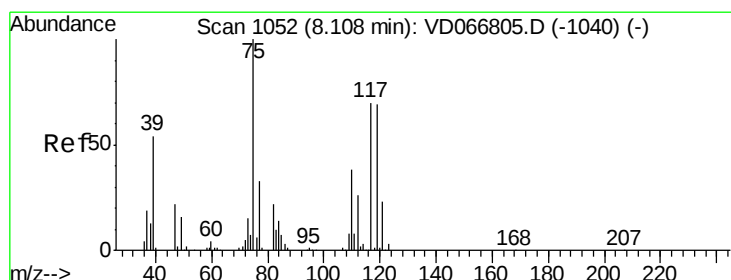
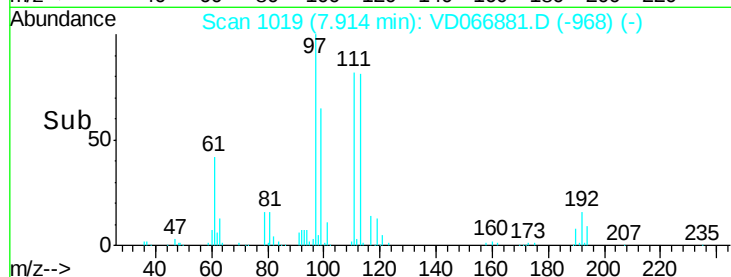
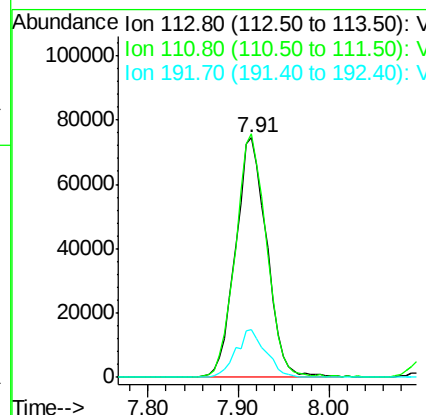
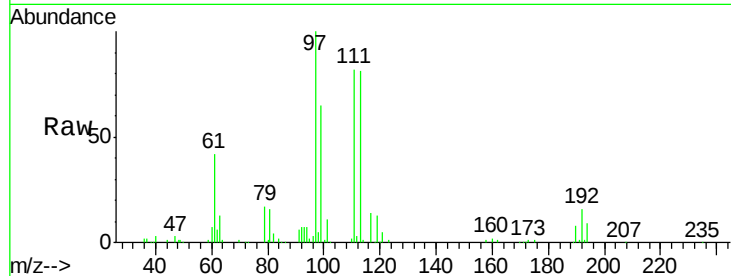
#35
 Dibromofluoromethane
 Concen: 48.915 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	178283		
111	101.3	81.8	122.8	
192	19.2	14.4	21.6	

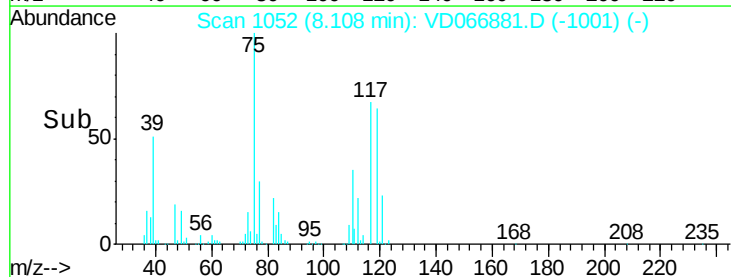
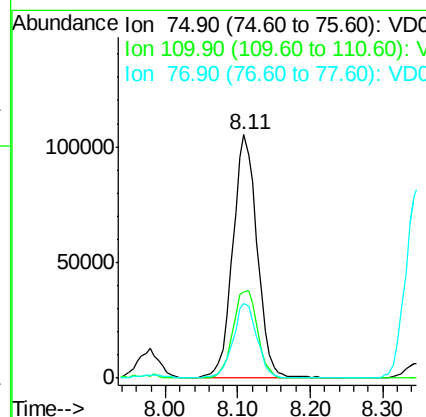
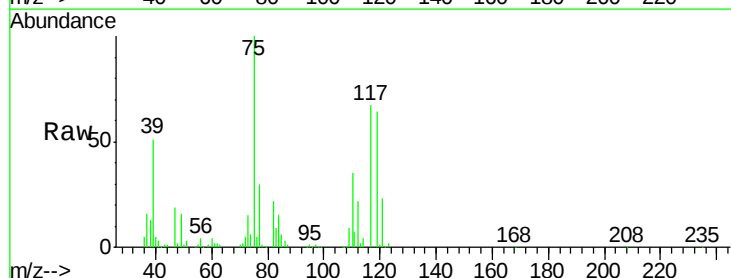
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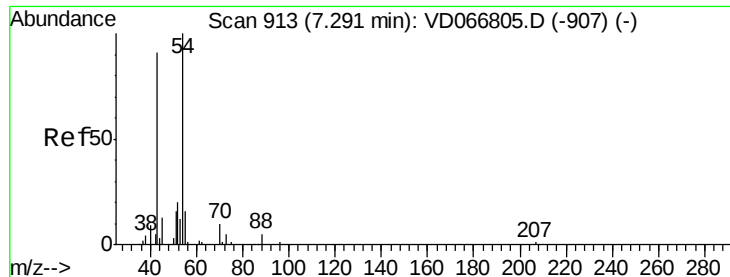
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#36
 1,1-Dichloropropene
 Concen: 43.259 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	245866		
110	36.2	17.9	53.8	
77	30.3	25.0	37.6	





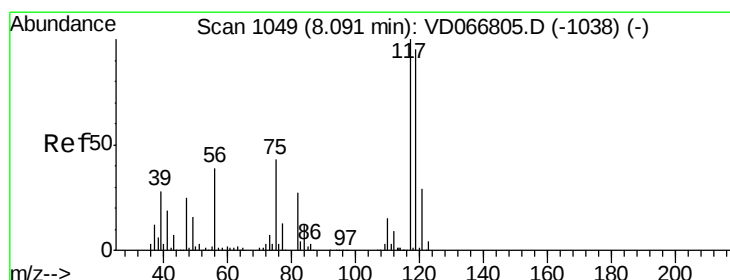
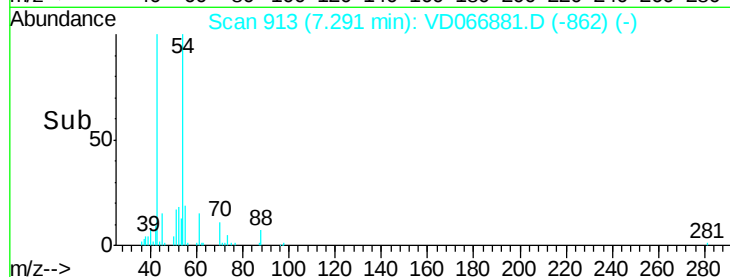
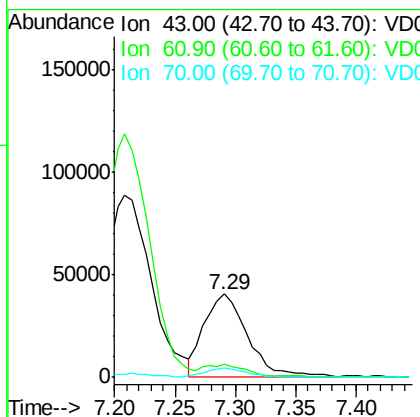
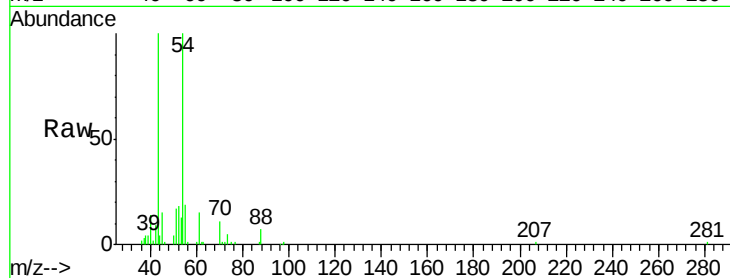
#37
Ethyl Acetate
Concen: 48.593 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.8	14.8
70	11.2	8.5	12.7

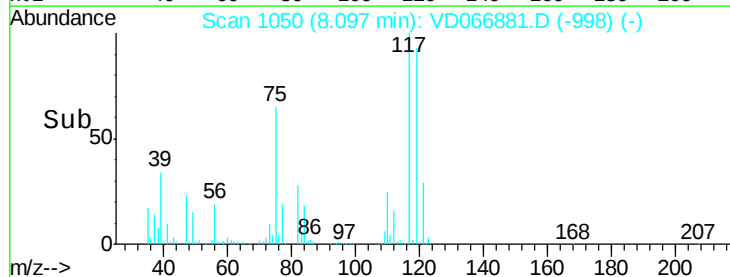
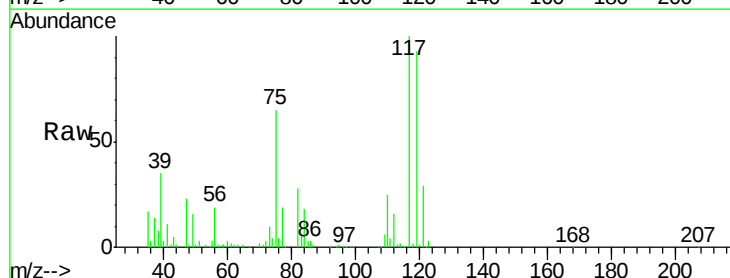
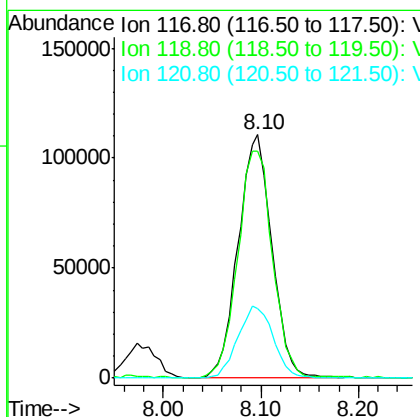
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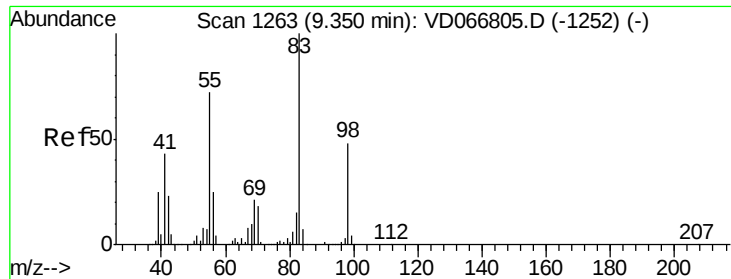
MMDadoda
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#38
Carbon Tetrachloride
Concen: 42.579 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.8	113.8
121	28.6	23.4	35.0





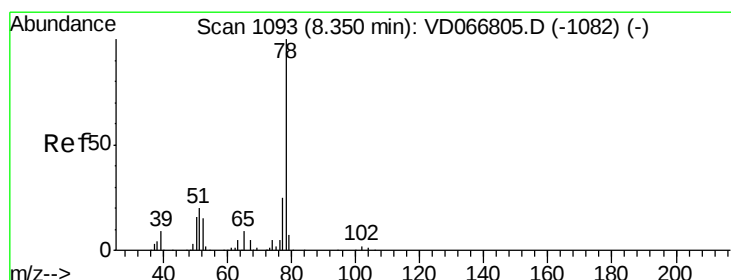
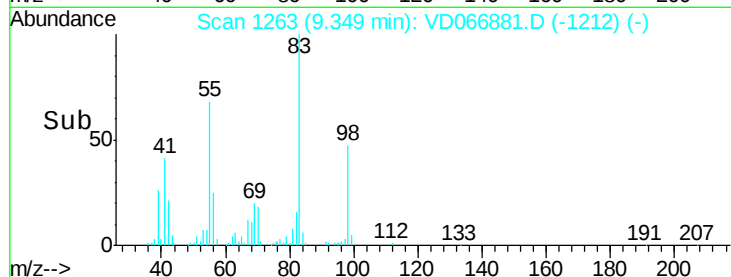
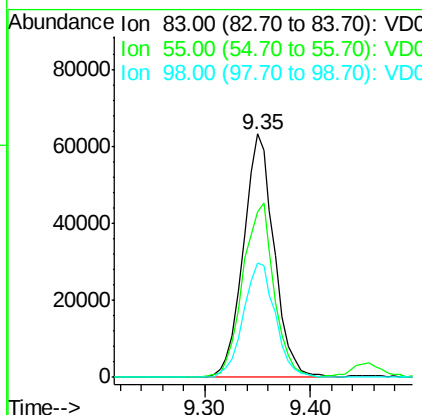
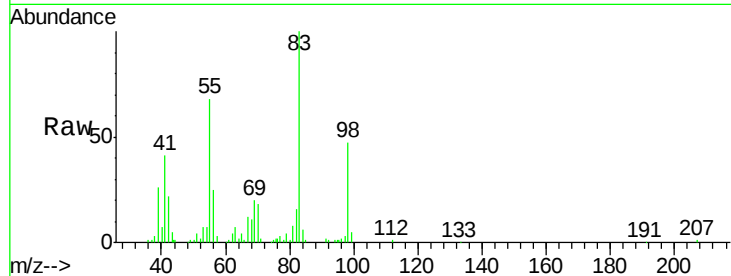
#39
Methvlcvclohexane
Concen: 19.596 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	57.7	86.5
98	46.9	38.4	57.6

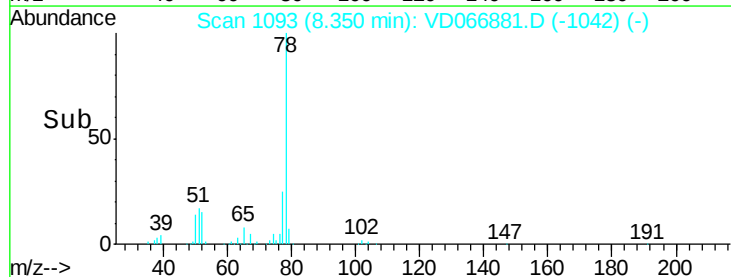
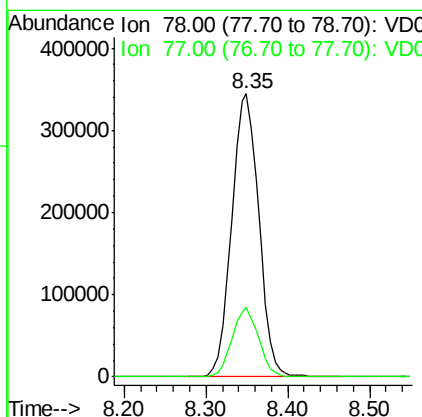
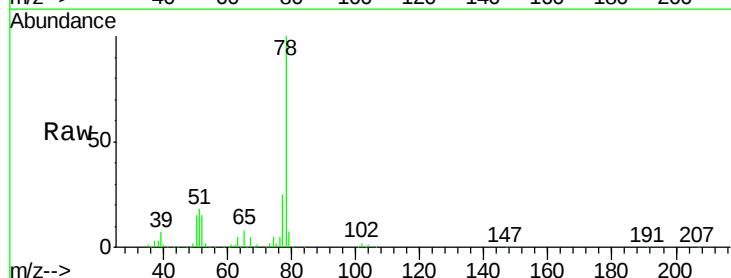
Manual Integrations
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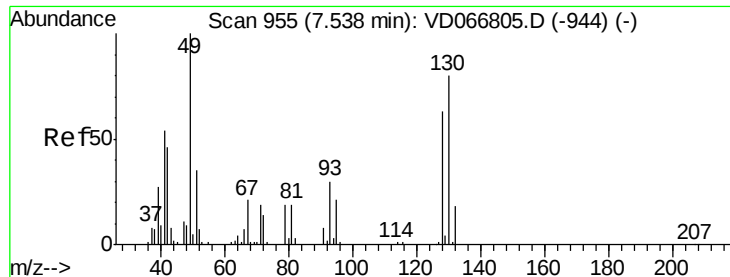
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#40
Benzene
Concen: 50.243 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.9	29.9





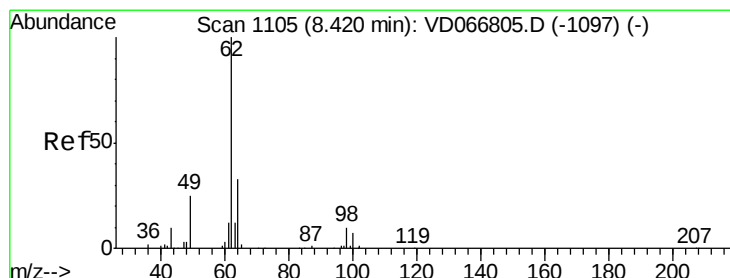
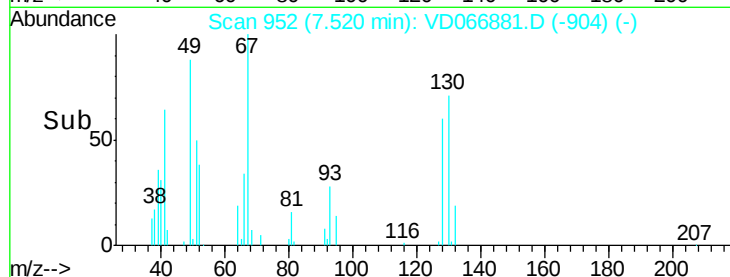
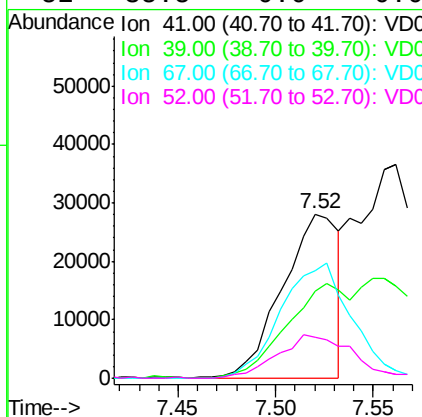
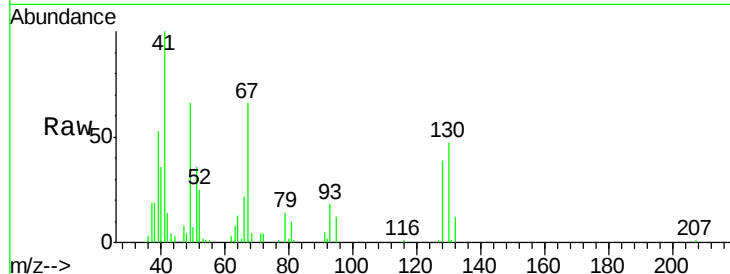
#41
Methacrylonitrile
Concen: 44.516 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	41	Resp	56247
Ion	Ratio	Lower	Upper
41	100		
39	63.3	0.0	0.0#
67	88.4	0.0	0.0#
52	35.5	0.0	0.0#

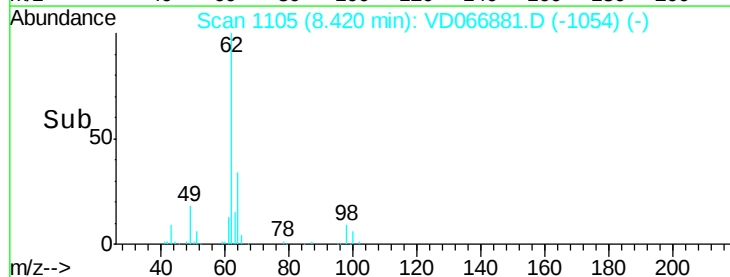
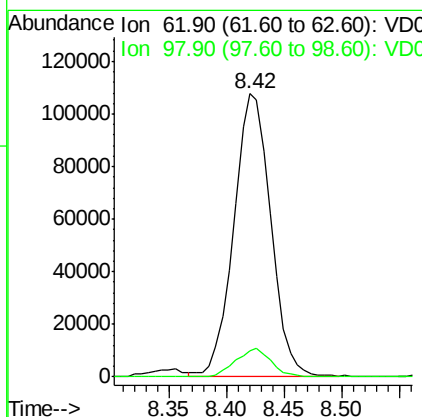
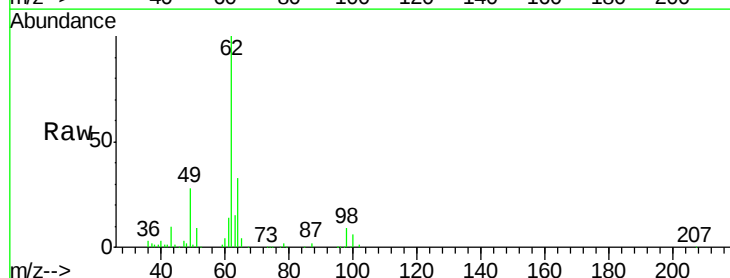
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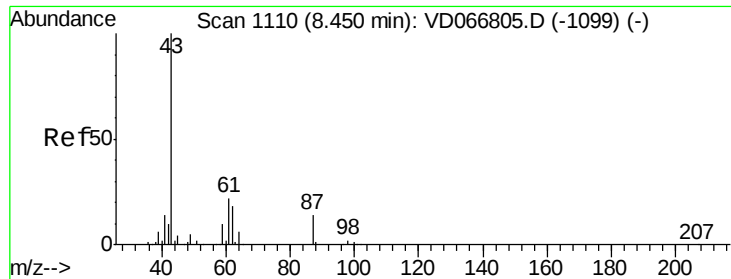
MMDadoda
9/29/2020 11:45:24 AM



#42
1,2-Dichloroethane
Concen: 50.962 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	62	Resp	238639
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





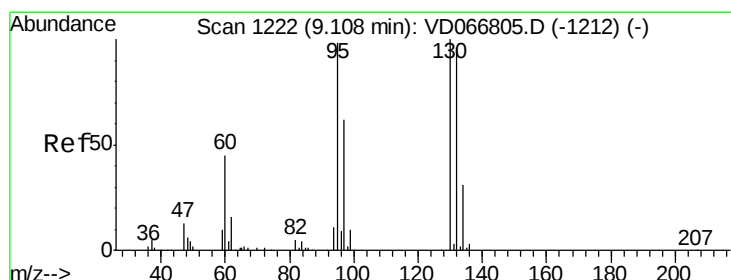
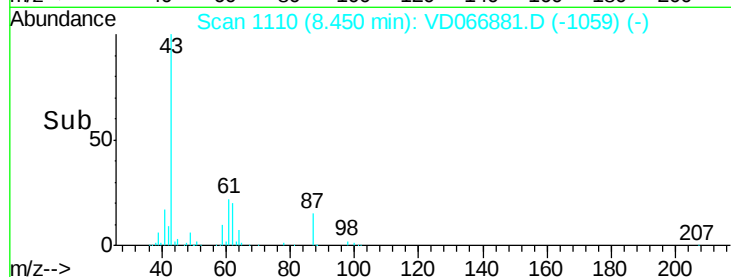
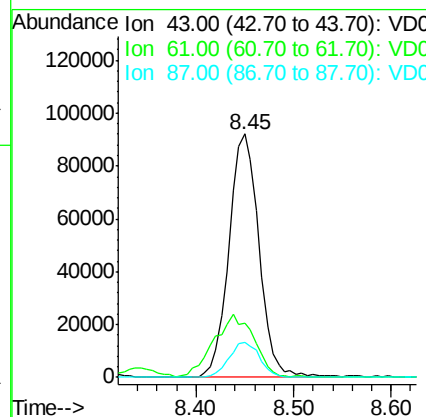
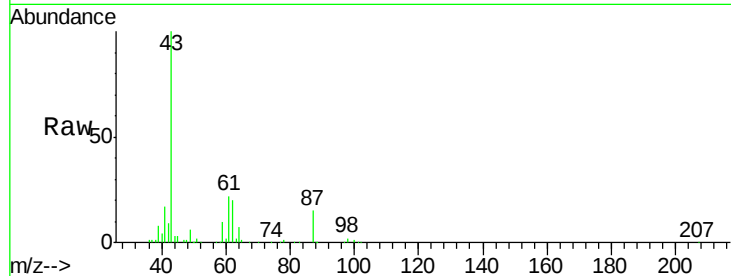
#43
Isopropyl Acetate
Concen: 49.687 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
43	100	196824		
61	35.0		26.2	39.4
87	14.7		11.5	17.3

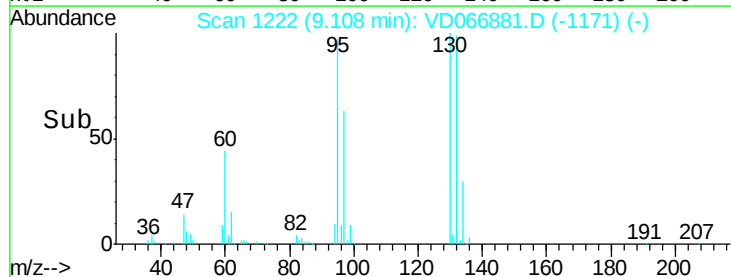
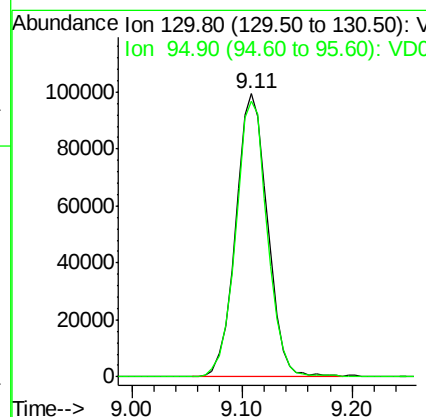
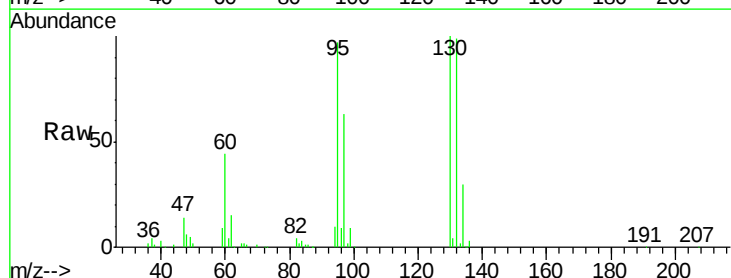
Manual Integrations
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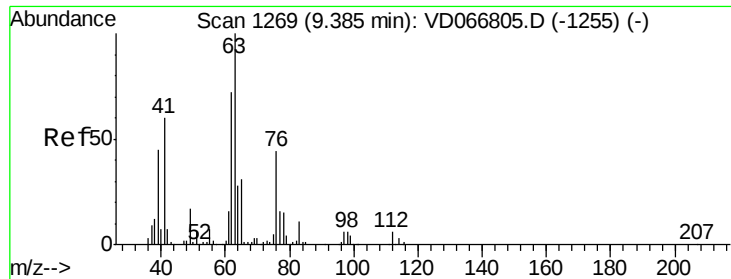
MMDadoda
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#44
Trichloroethene
Concen: 44.307 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	200042		
95	97.5		0.0	197.0





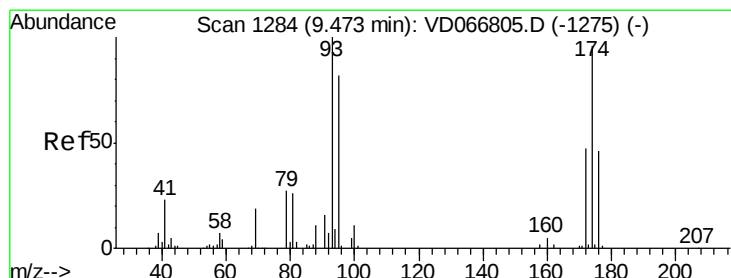
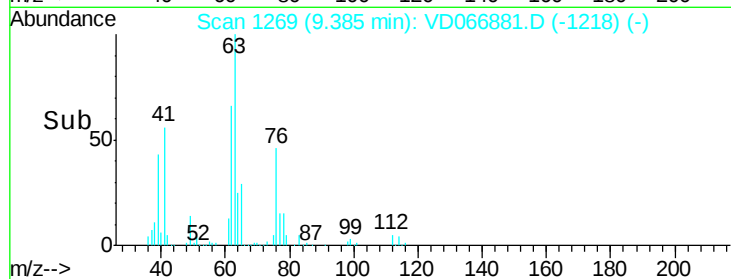
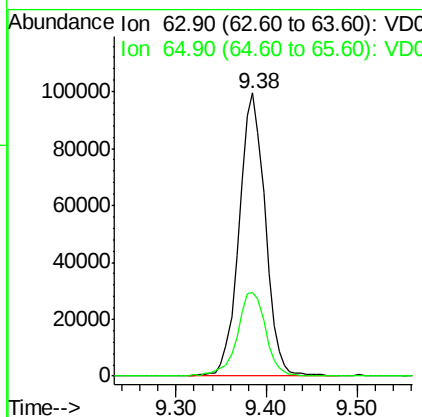
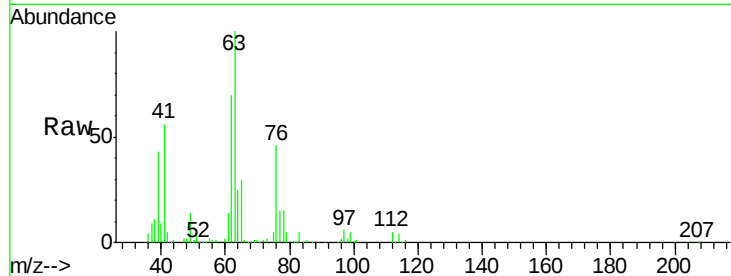
#45
 1,2-Dichloropropane
 Concen: 50.029 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampled :
 B-2(4-5)MSD

Tot Ion: 63 Resp: 199381
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.7 37.1

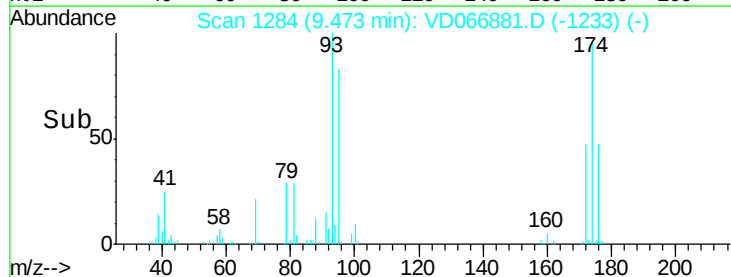
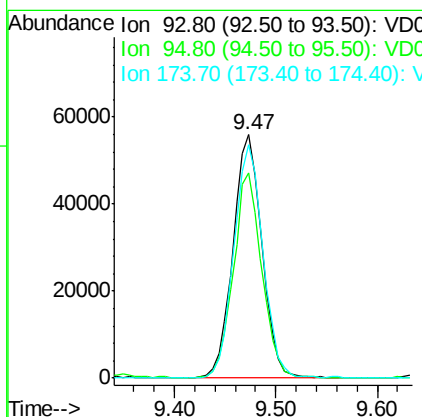
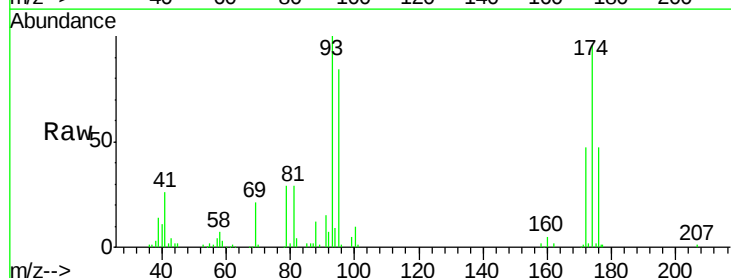
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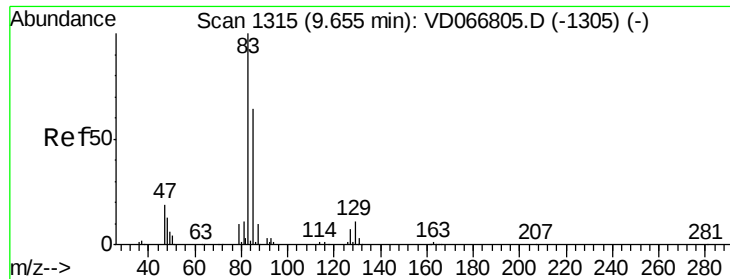
MMDadoda
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#46
 Dibromomethane
 Concen: 51.199 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion: 93 Resp: 110862
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.3 97.9
 174 96.4 75.4 113.2





#47

Bromodichloromethane

Concen: 50.728 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

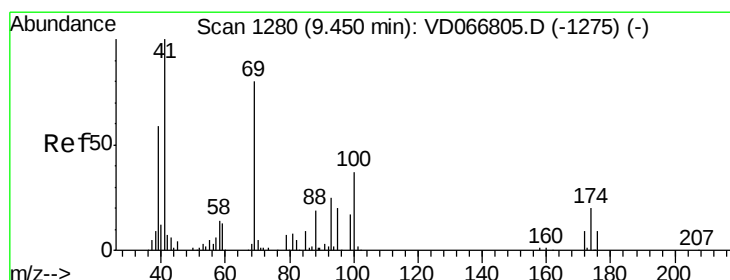
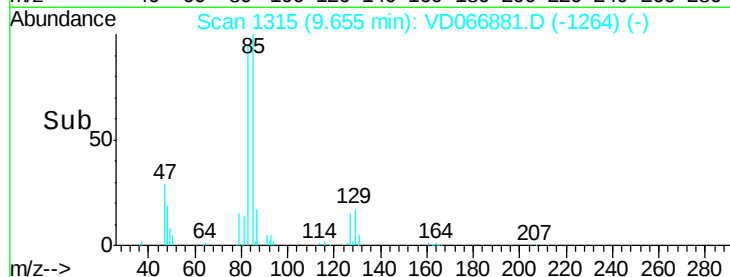
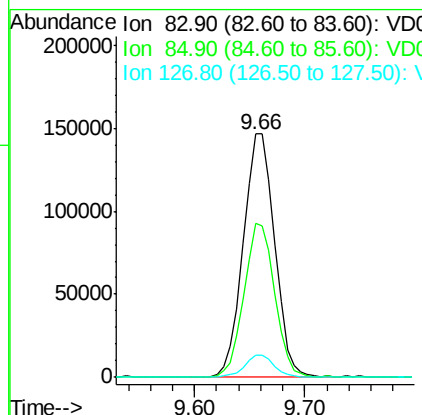
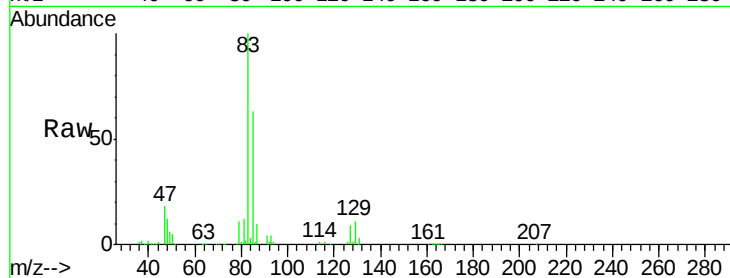
ClientSampleId :

B-2(4-5)MSD

Tot Ion	83	Resp	295072
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.9	76.3
127	9.3	5.9	8.9#

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#48

Methyl methacrylate

Concen: 56.134 ug/l

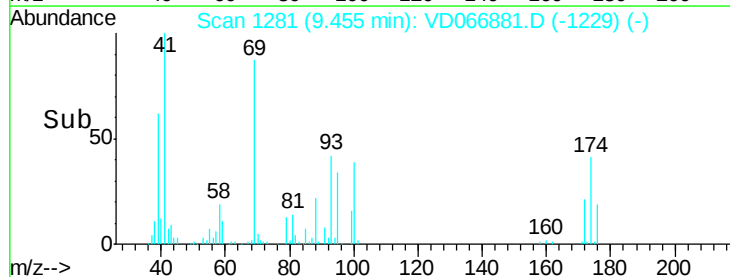
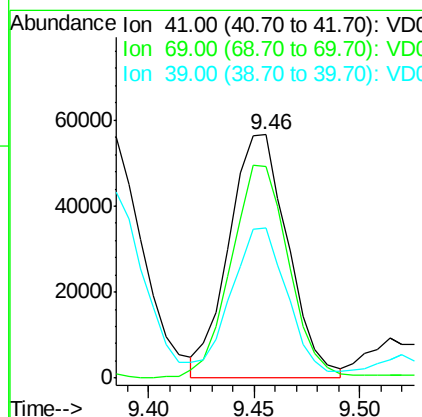
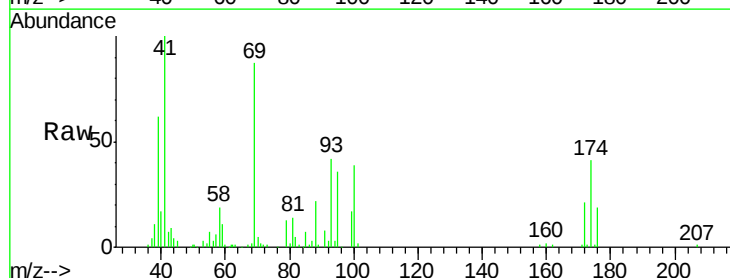
RT: 9.46 min Scan# 1281

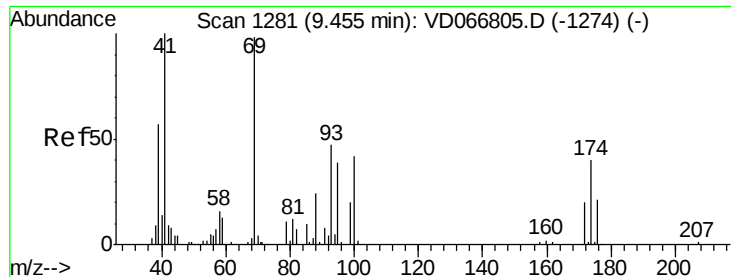
Delta R.T. 0.01 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Tgt Ion	41	Resp	109634
Ion	Ratio	Lower	Upper
41	100		
69	86.1	74.5	111.7
39	59.7	47.0	70.6





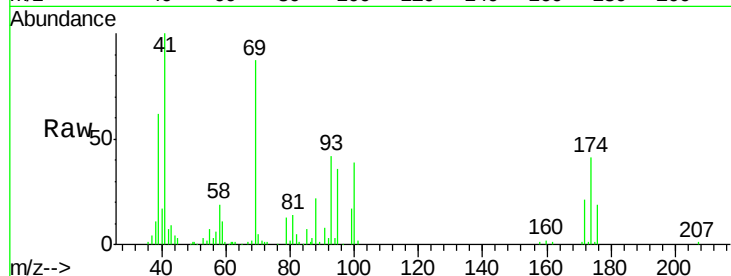
#49
1,4-Dioxane
Concen: 1126.285 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	27.7	41.5
58	71.4	55.5	83.3

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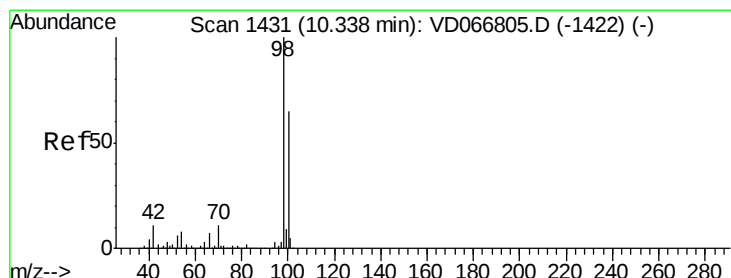
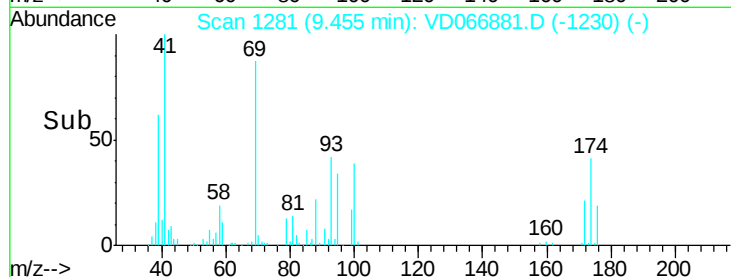
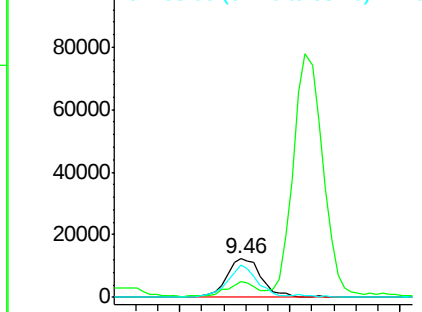


Abundance

Ion 88.00 (87.70 to 88.70): VDC

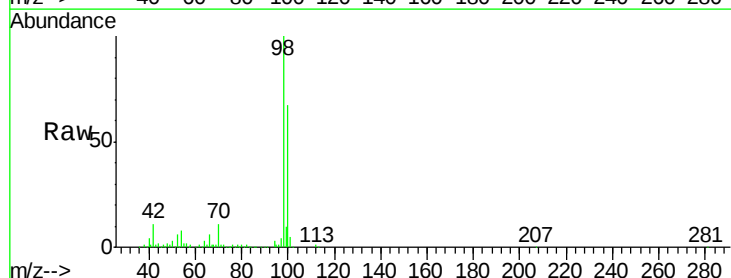
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 44.497 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

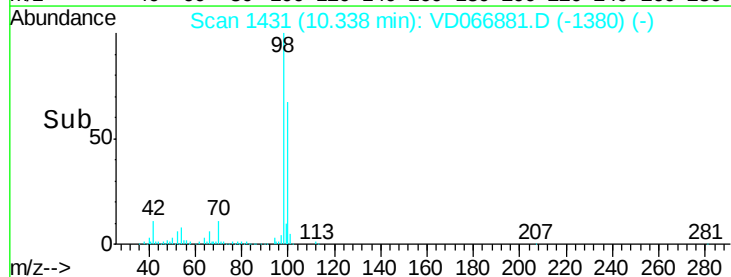
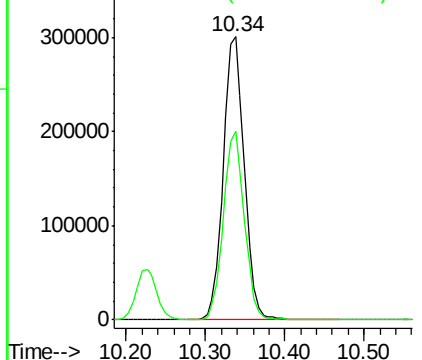
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.2	78.2

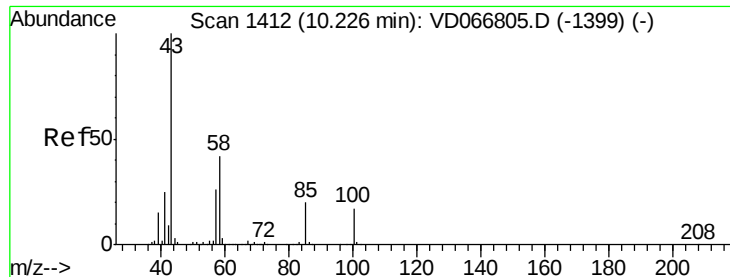


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 270.948 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion: 43 Resp: 543842

Ion Ratio Lower Upper

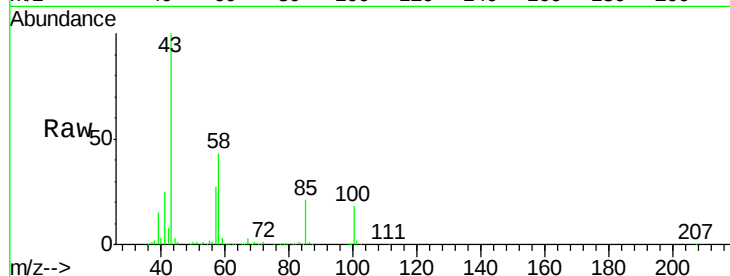
43 100

58 40.9 32.2 48.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

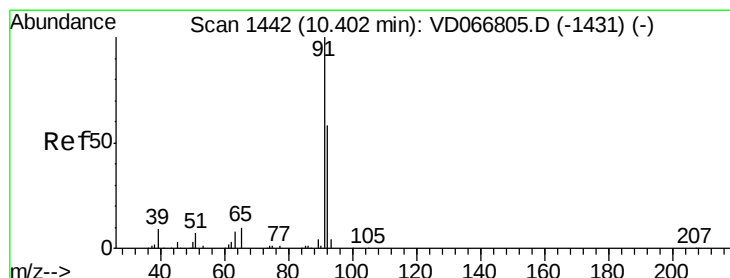
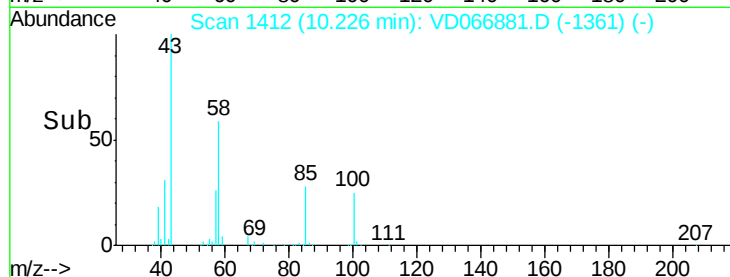
300000

200000

100000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 46.282 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066881.D

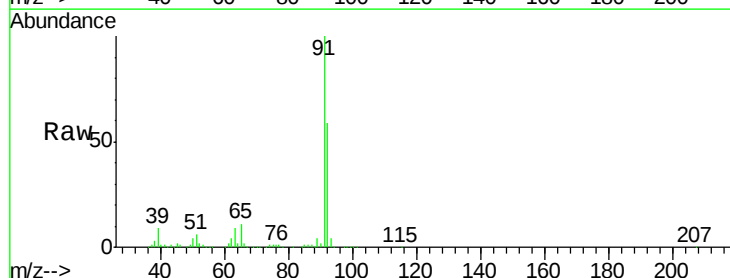
Acq: 25 Sep 2020 18:28

Tgt Ion: 92 Resp: 472212

Ion Ratio Lower Upper

92 100

91 170.2 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

500000

400000

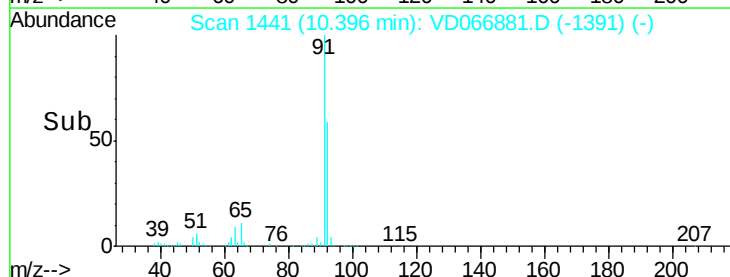
300000

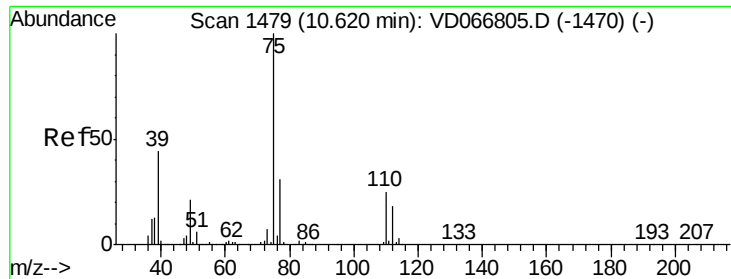
200000

100000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 50.056 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion: 75 Resp: 247819

Ion Ratio Lower Upper

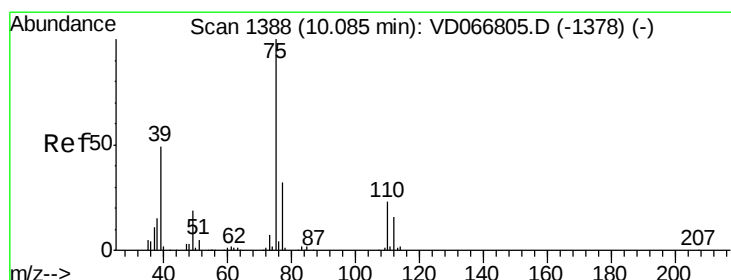
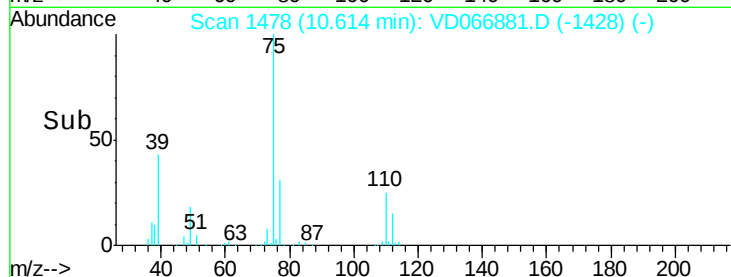
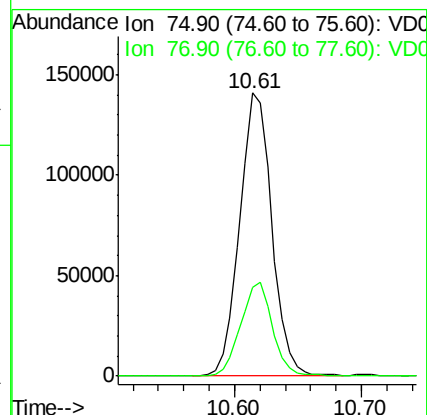
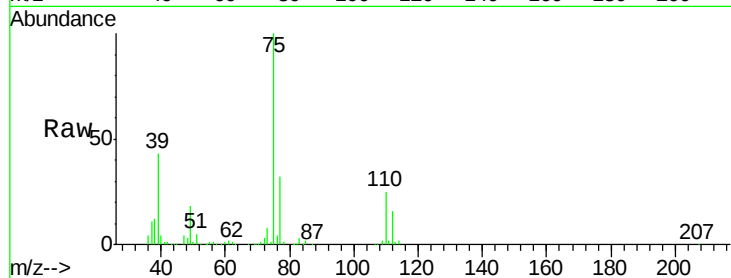
75 100

77 31.6 24.5 36.7

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#54

cis-1,3-Dichloropropene

Concen: 50.712 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

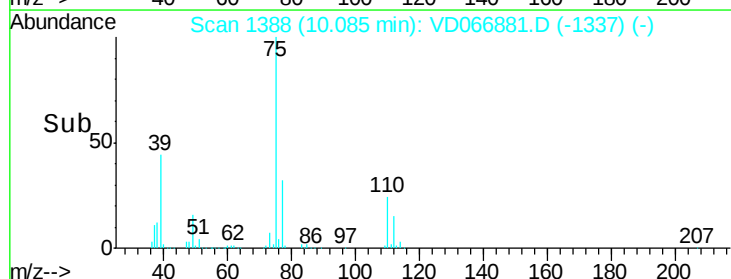
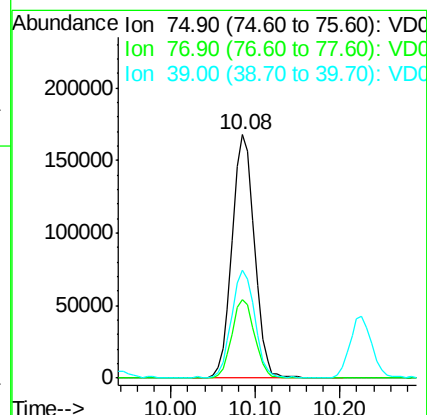
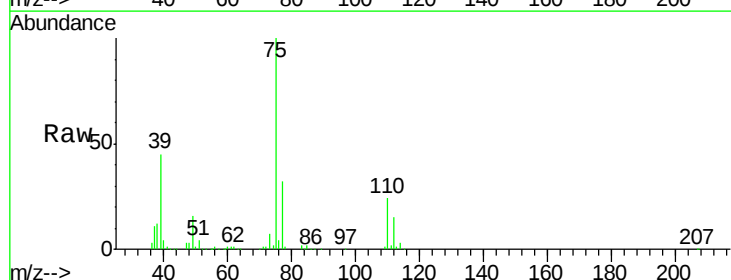
Tgt Ion: 75 Resp: 306140

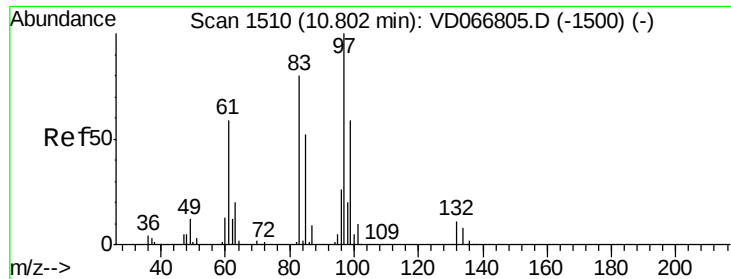
Ion Ratio Lower Upper

75 100

77 32.4 25.6 38.4

39 44.1 39.2 58.8





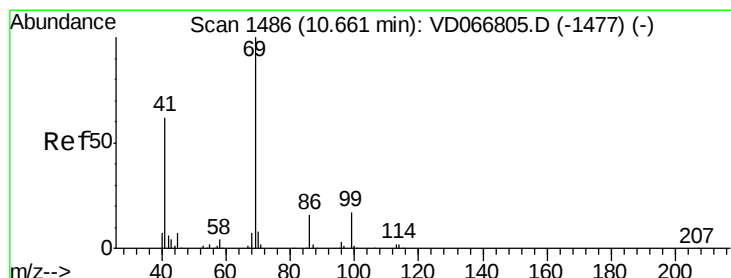
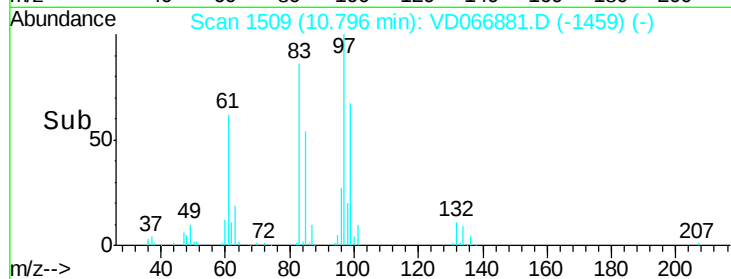
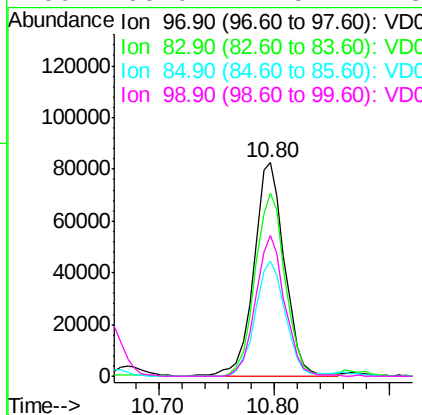
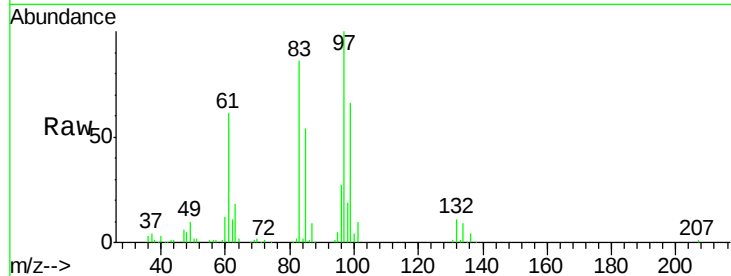
#55
 1,1,2-Trichloroethane
 Concen: 51.380 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Tot Ion:	97	Resp:	152942
Ion	Ratio	Lower	Upper
97	100		
83	86.0	64.2	96.2
85	54.1	41.9	62.9
99	66.0	47.5	71.3

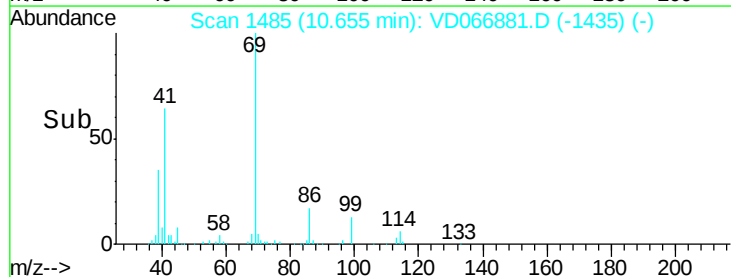
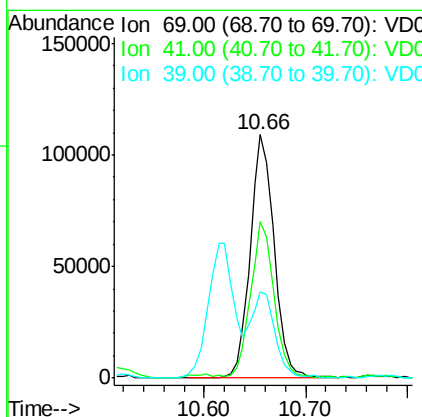
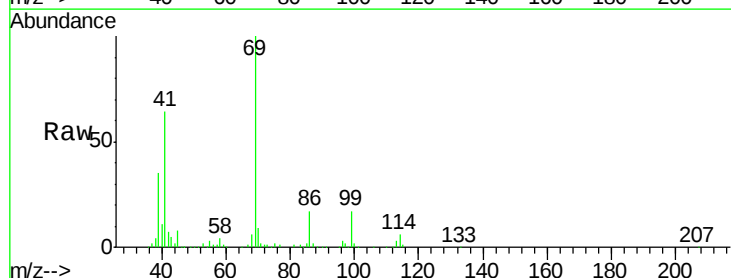
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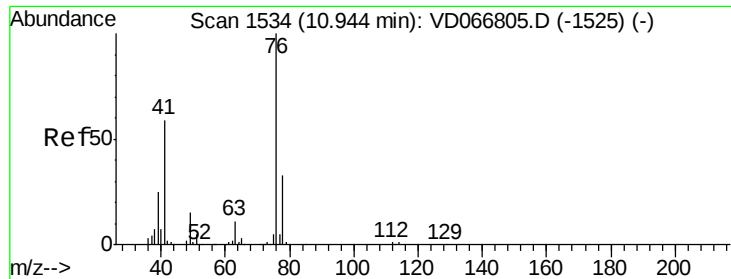
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#56
 Ethyl methacrylate
 Concen: 56.337 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion:	69	Resp:	179654
Ion	Ratio	Lower	Upper
69	100		
41	62.0	52.2	78.2
39	35.2	26.6	40.0





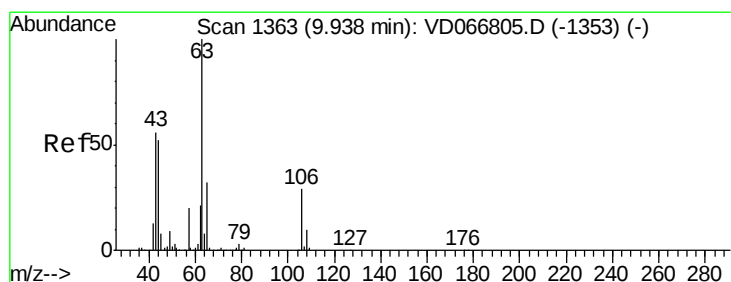
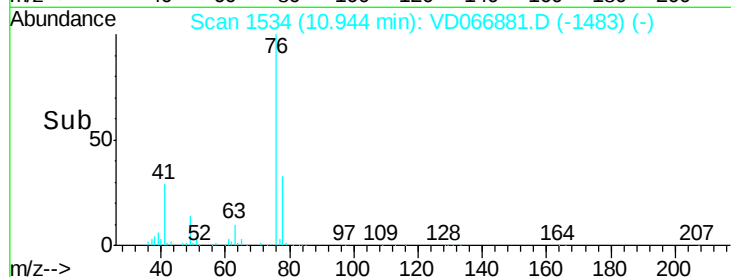
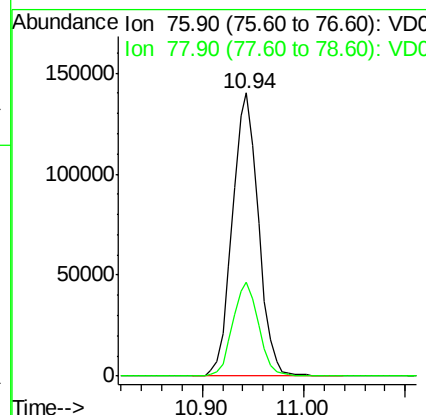
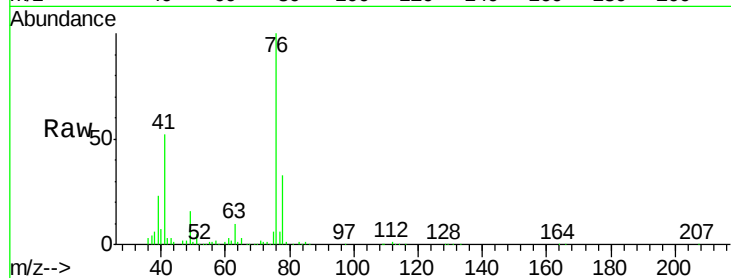
#57
 1,3-Dichloropropane
 Concen: 50.836 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.3	39.5

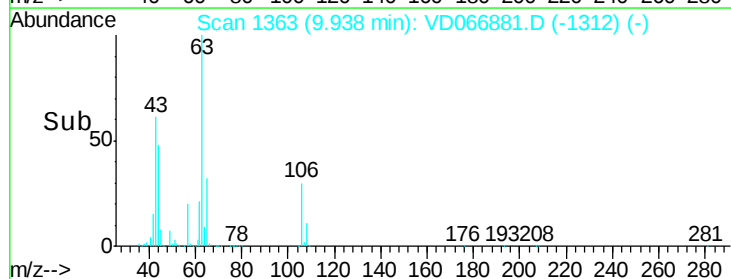
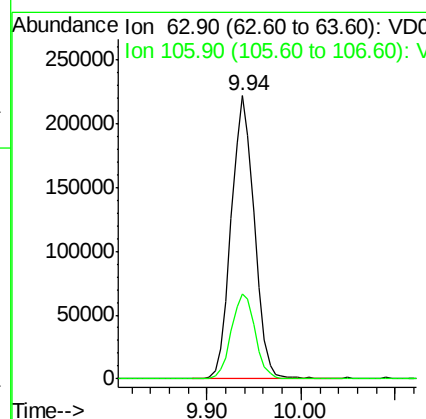
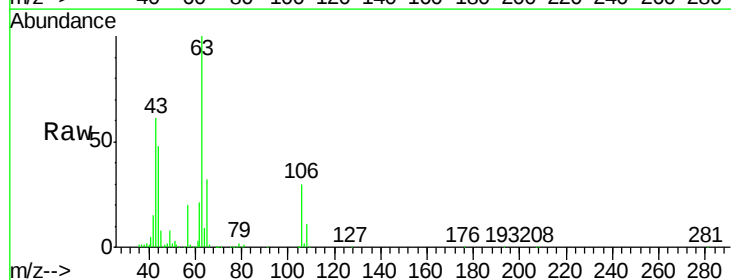
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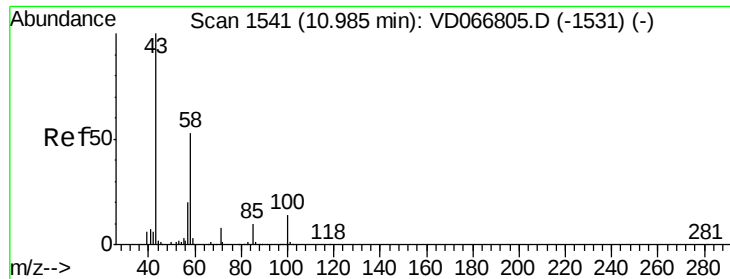
MMDadoda
 9/29/2020 11:45:24 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.684 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.0	23.8	35.6





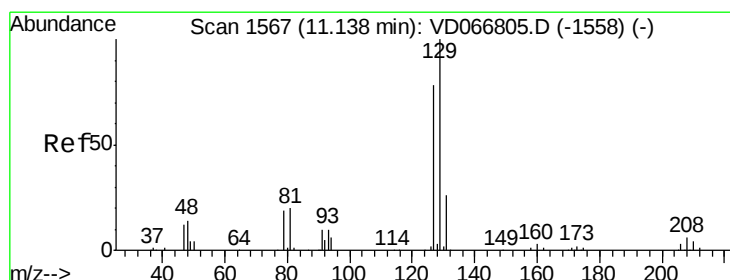
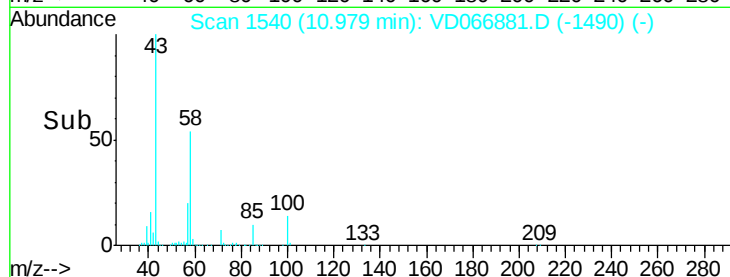
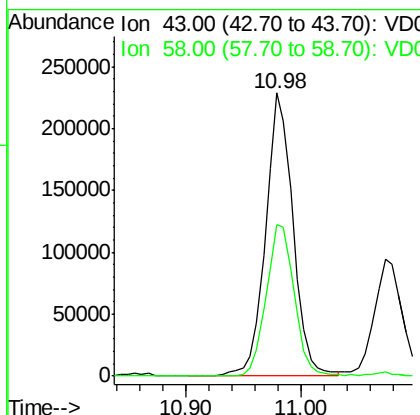
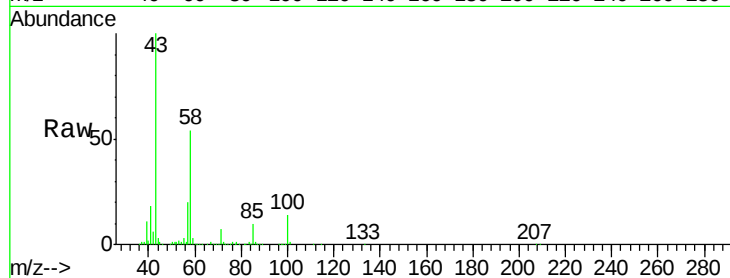
#59
2-Hexanone
Concen: 280.499 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion: 43 Resp: 379681
Ion Ratio Lower Upper
43 100
58 54.8 27.0 80.8

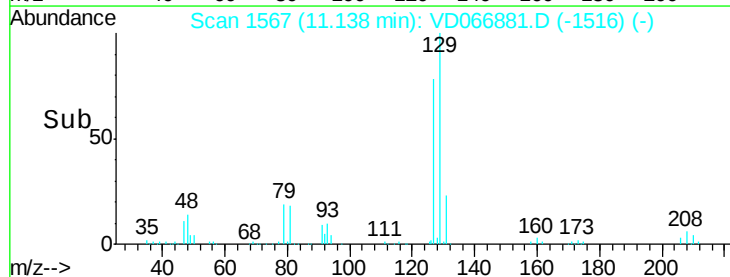
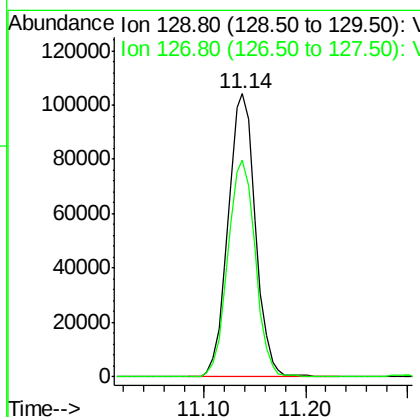
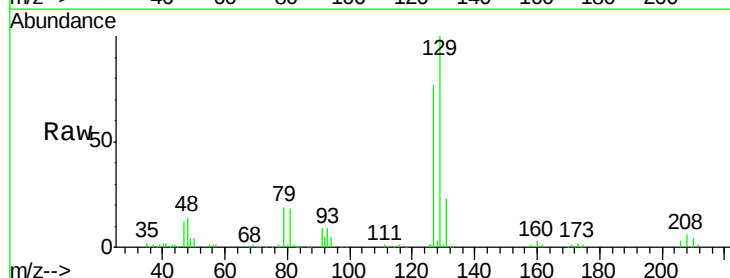
Manual Integrations
APPROVED

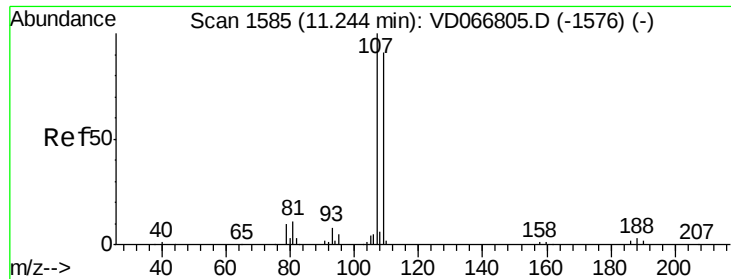
MMDadoda
9/29/2020 11:45:24 AM



#60
Dibromochloromethane
Concen: 49.934 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion: 129 Resp: 193994
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





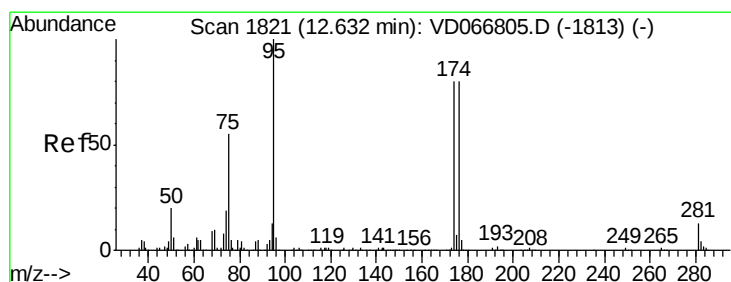
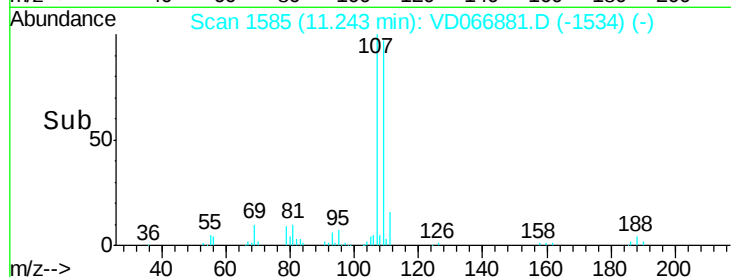
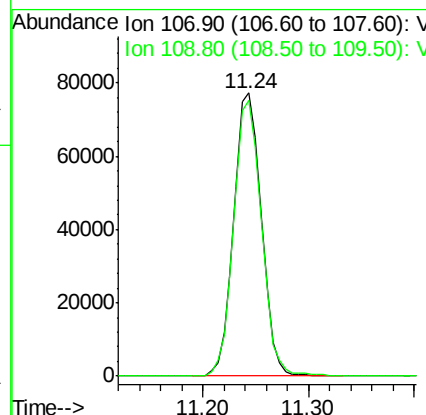
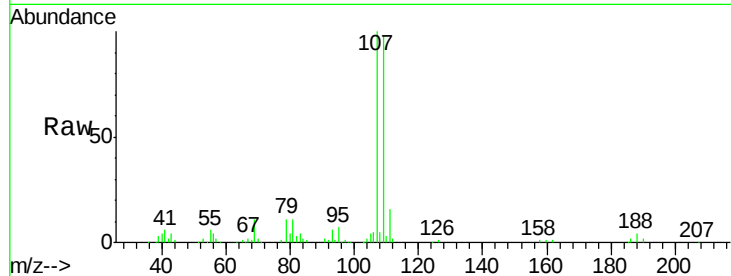
#61
 1,2-Dibromoethane
 Concen: 50.388 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	98.3	75.0	112.4

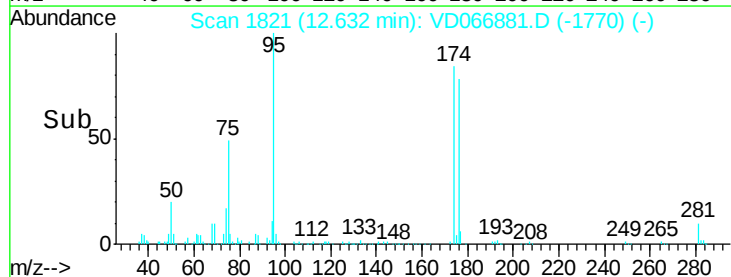
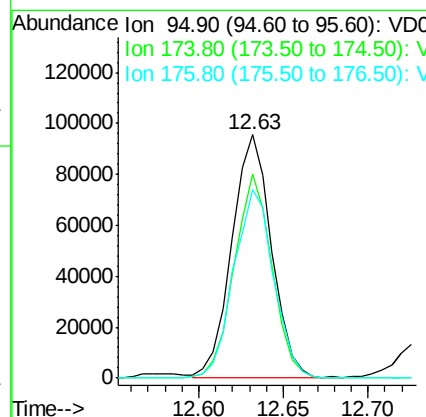
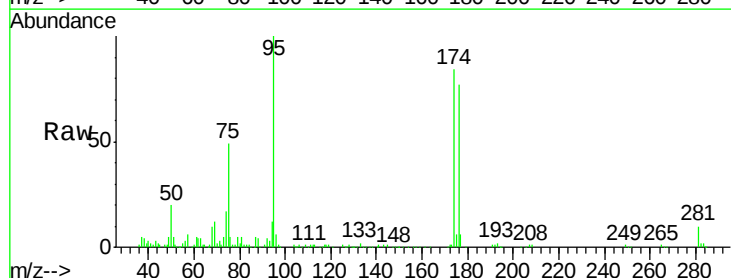
Manual Integrations
 APPROVED

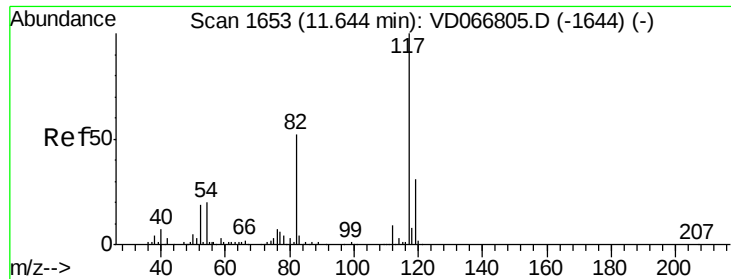
MMDadoda
 9/29/2020 11:45:24 AM



#62
 4-Bromofluorobenzene
 Concen: 36.461 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	159.8
176	78.2	0.0	154.4





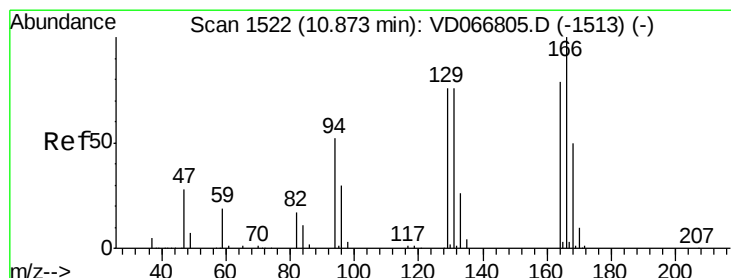
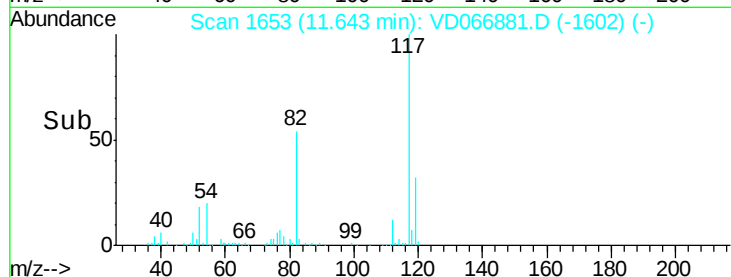
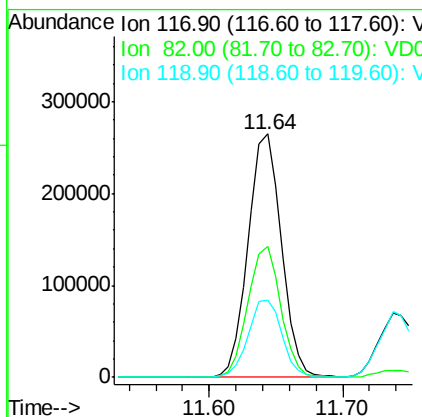
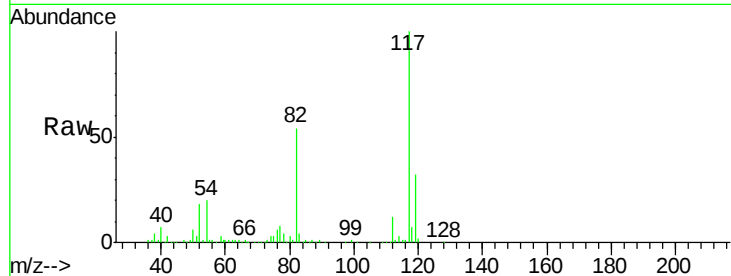
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	455658		
82	53.8	41.8	62.6	
119	31.7	24.6	37.0	

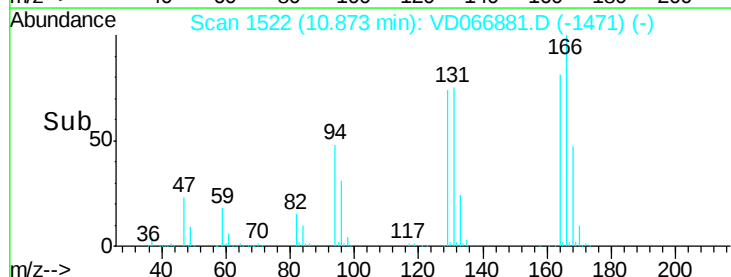
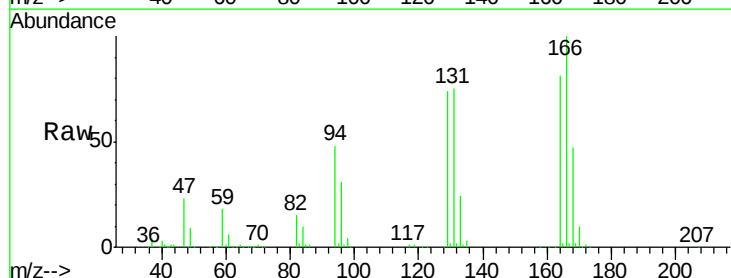
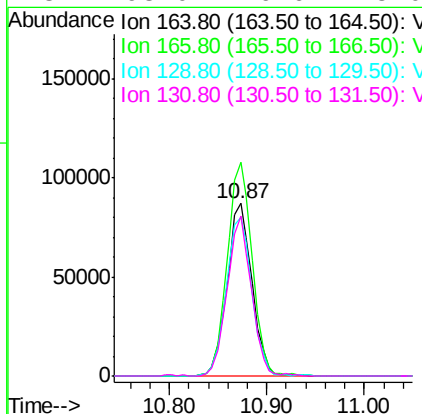
Manual Integrations
APPROVED

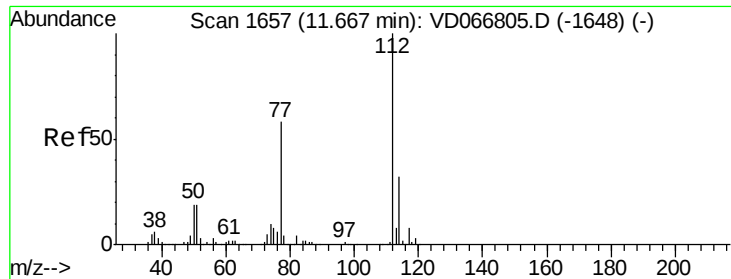
MMDadoda
9/29/2020 11:45:24 AM



#64
Tetrachloroethene
Concen: 47.010 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	154082		
166	123.8	101.1	151.7	
129	91.7	77.0	115.4	
131	93.0	76.6	115.0	





#65

Chlorobenzene

Concen: 48.421 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion:112 Resp: 459264

Ion Ratio Lower Upper

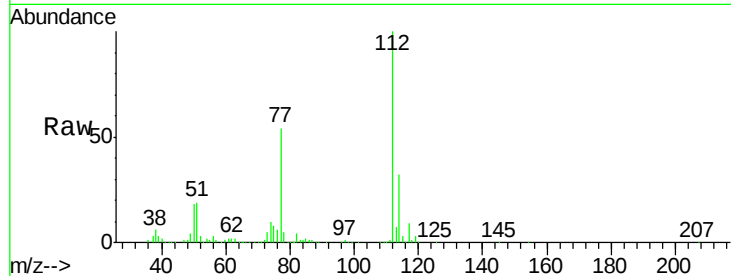
112 100

114 32.0 25.4 38.2

Manual Integrations
APPROVED

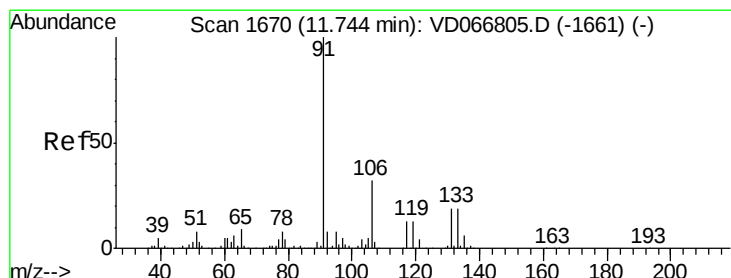
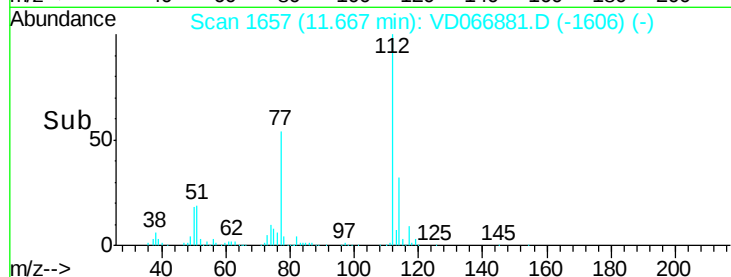
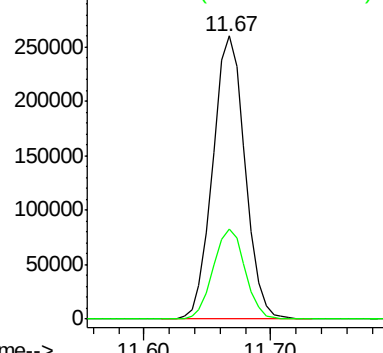
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.467 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

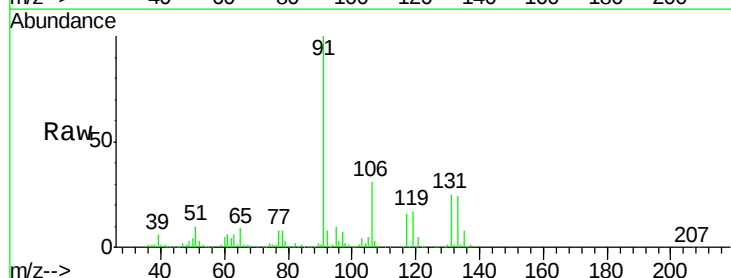
Tgt Ion:131 Resp: 191934

Ion Ratio Lower Upper

131 100

133 95.0 46.7 140.1

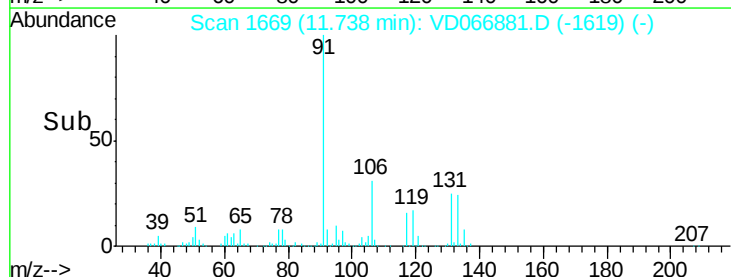
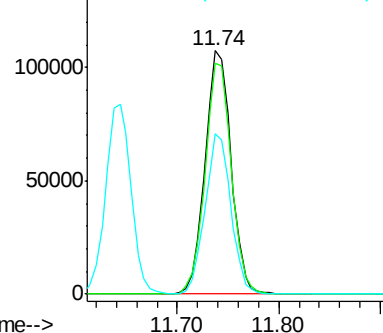
119 65.3 32.3 96.9

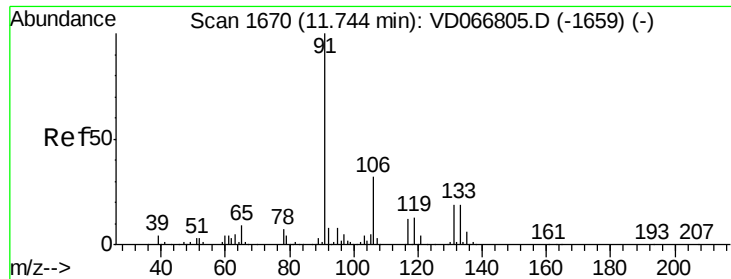


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





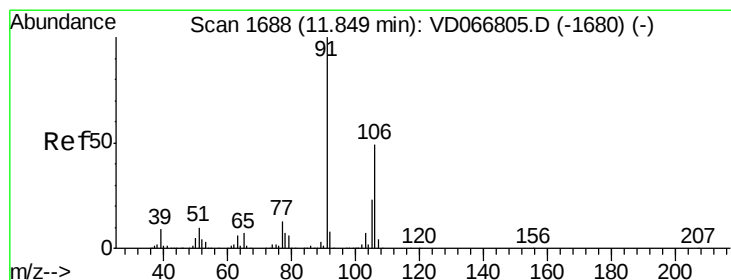
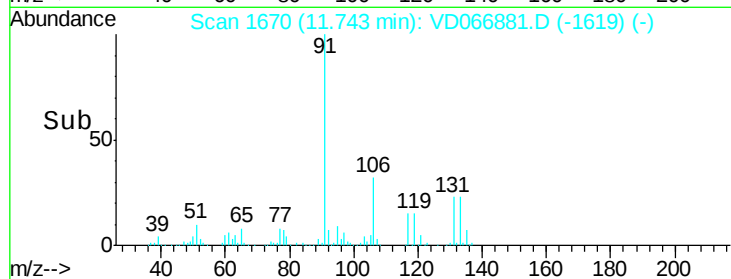
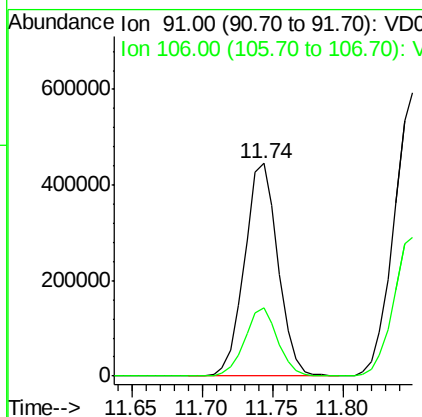
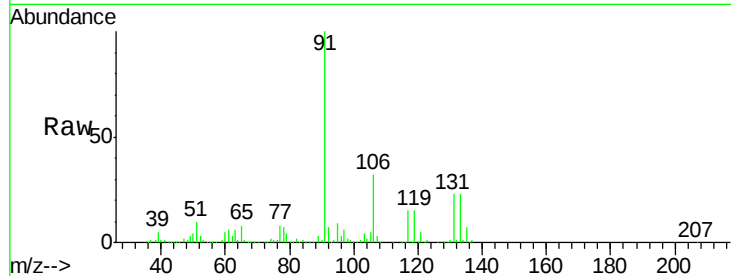
#67
Ethyl Benzene
Concen: 44.514 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.6	38.4

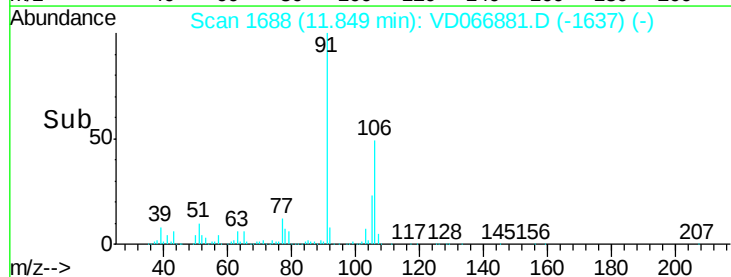
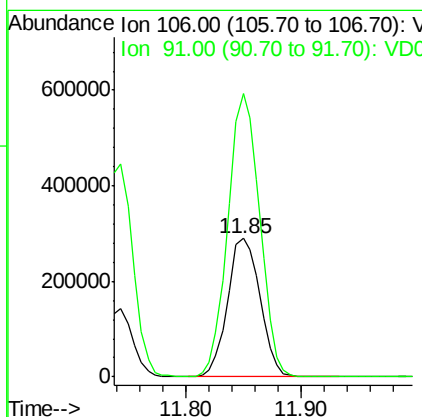
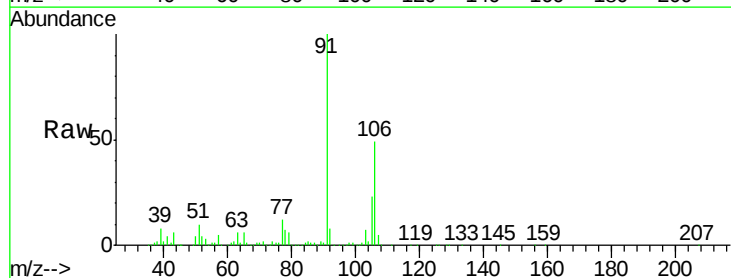
Manual Integrations
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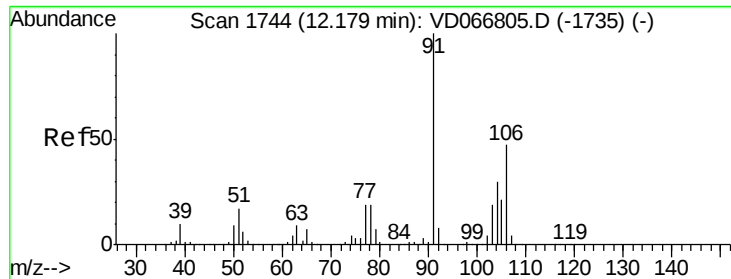
MMDadoda
9/29/2020 11:45:24 AM



#68
m/p-Xylenes
Concen: 90.046 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.0	160.7	241.1





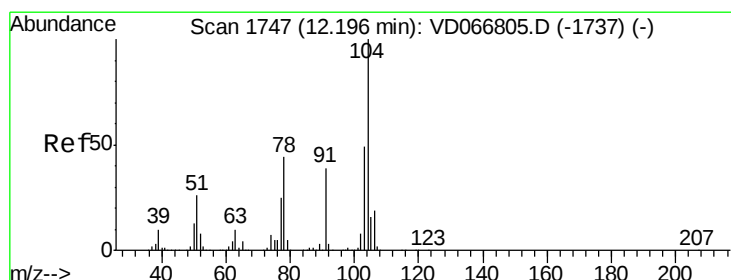
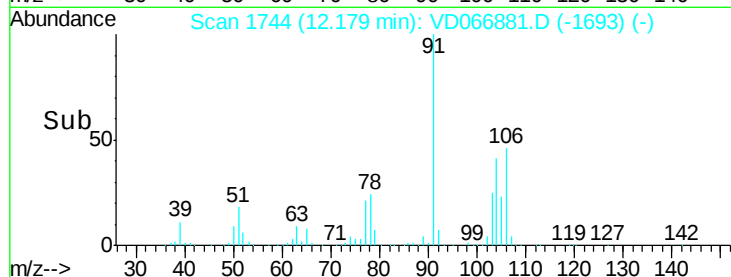
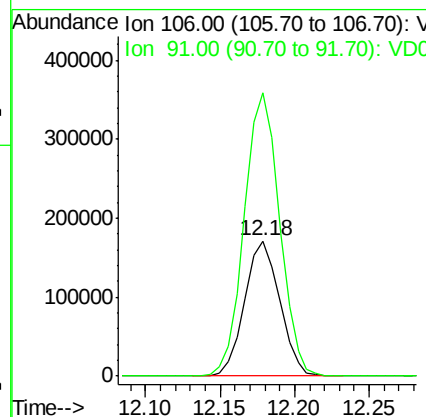
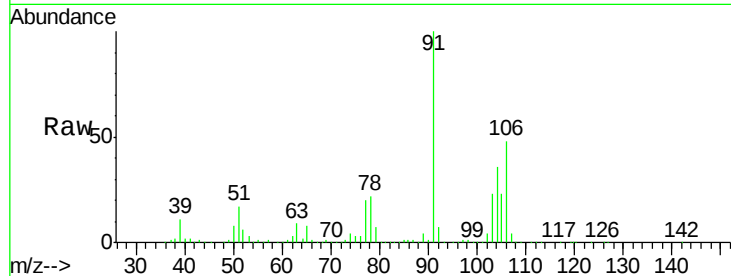
#69
o-Xylene
Concen: 48.887 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		278805		
91	211.8	106.3	318.8		

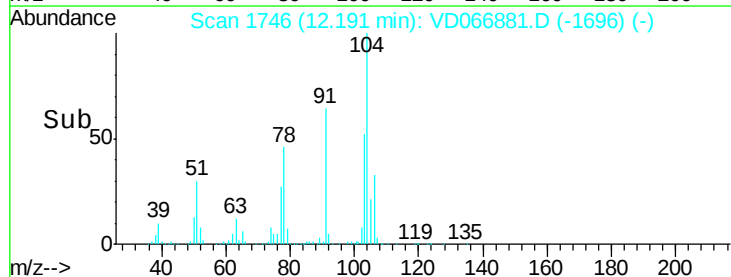
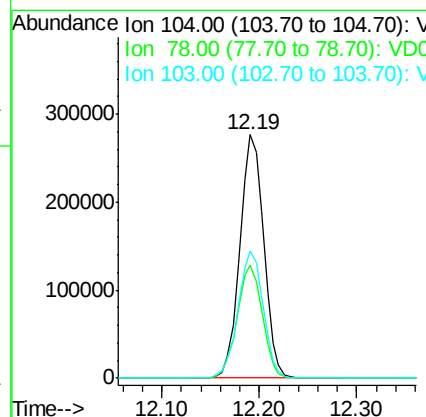
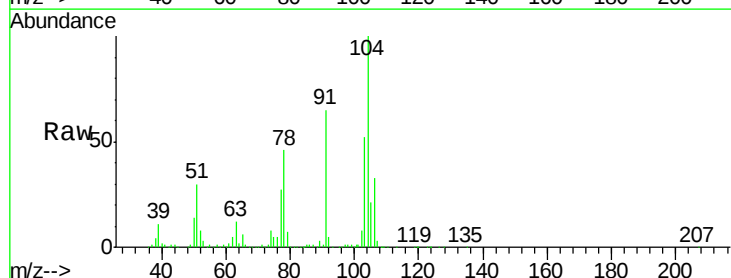
Manual Integrations
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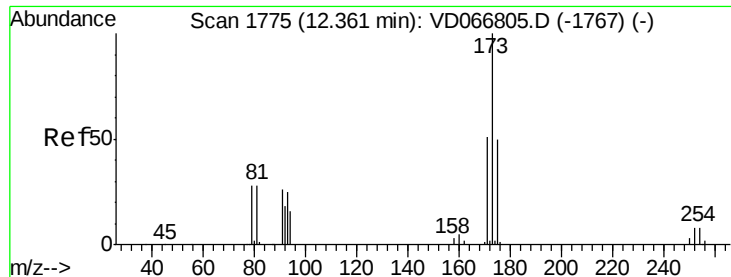
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#70
Styrene
Concen: 47.445 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		469893		
78	48.9	38.9	58.3		
103	55.1	43.2	64.8		





#71

Bromoform

Concen: 55.313 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

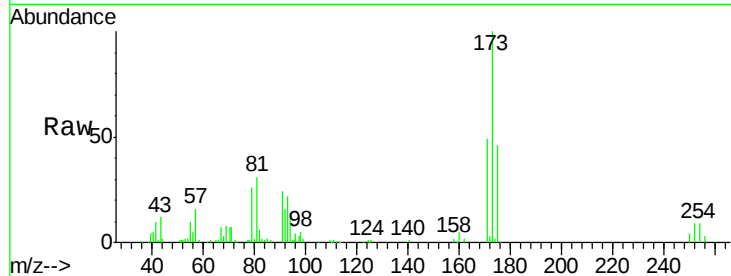
ClientSampleId :

B-2(4-5)MSD

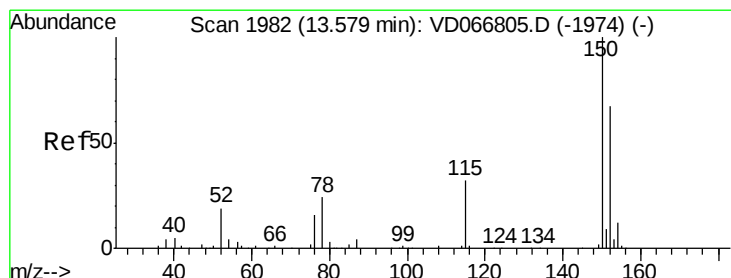
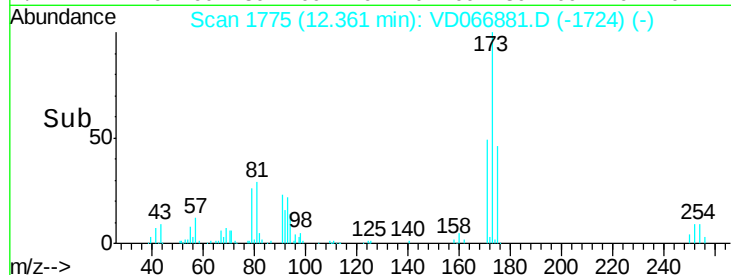
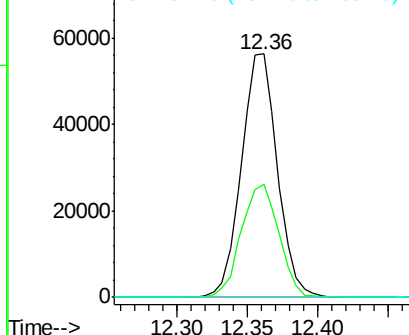
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.0	0.1	0.1#

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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

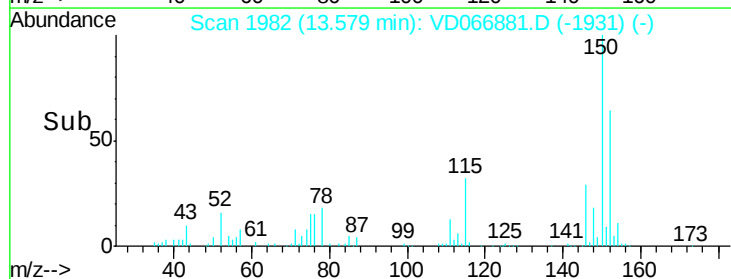
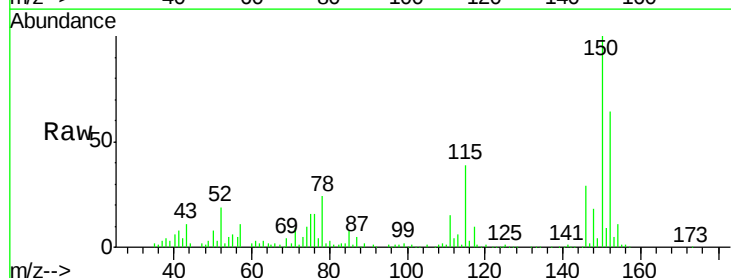
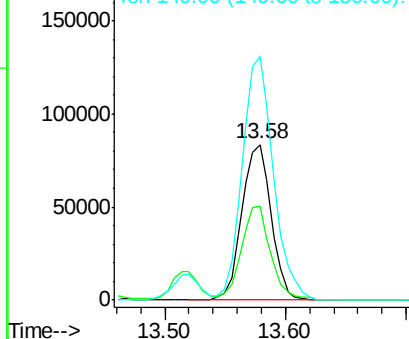
Delta R.T. -0.00 min

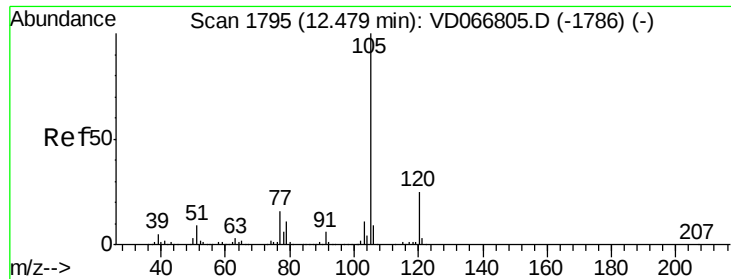
Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.3	91.0
150	166.5	0.0	346.2

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: 54.421 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion:105 Resp: 556953

Ion Ratio Lower Upper

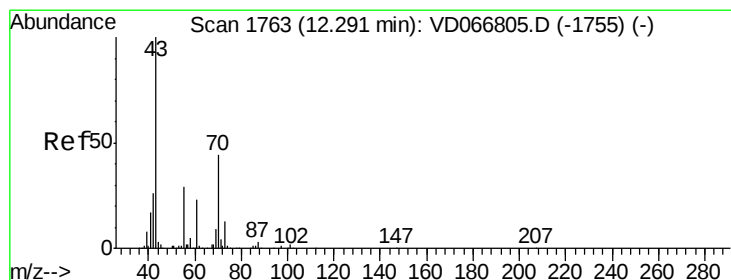
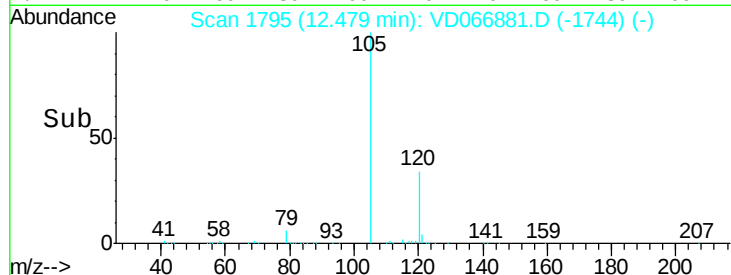
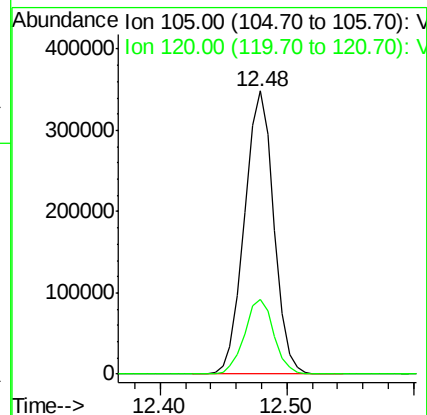
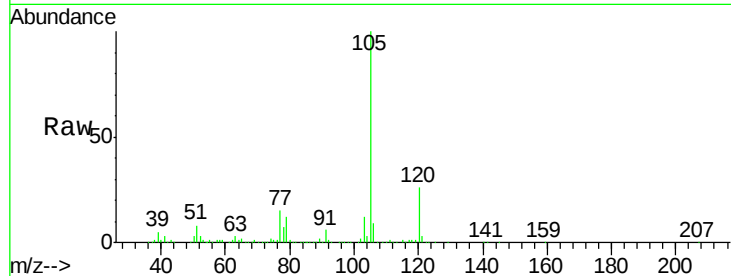
105 100

120 26.5 12.9 38.6

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#74

N-ethyl acetate

Concen: 89.280 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Tgt Ion: 43 Resp: 178434

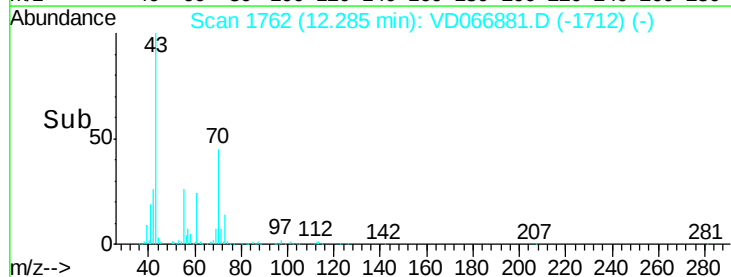
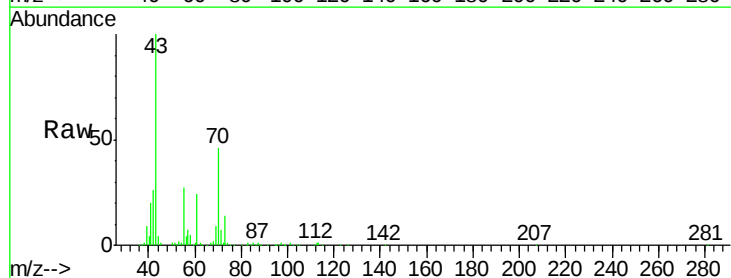
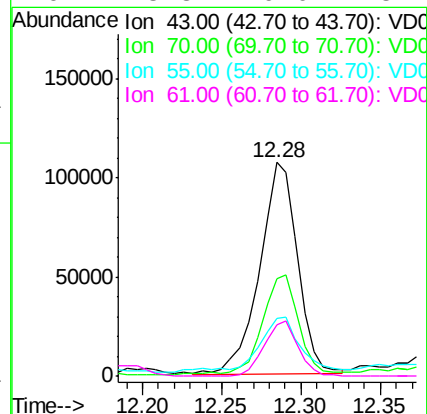
Ion Ratio Lower Upper

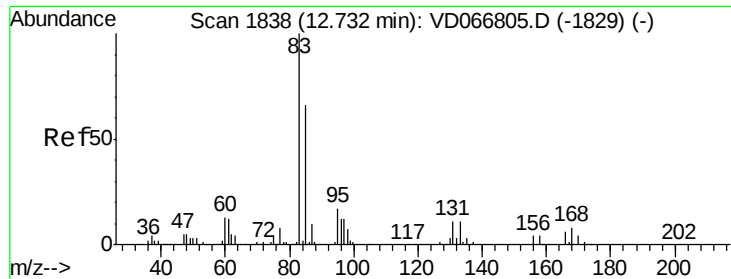
43 100

70 45.1 36.1 54.1

55 27.7 21.8 32.8

61 23.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 80.586 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

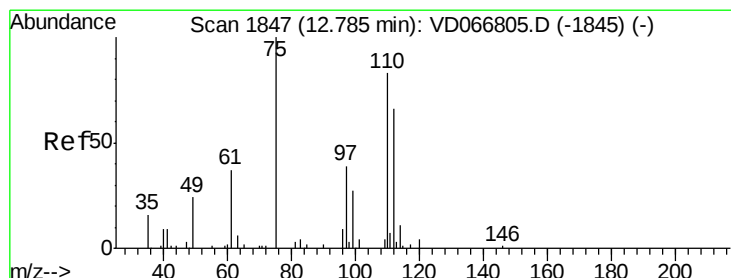
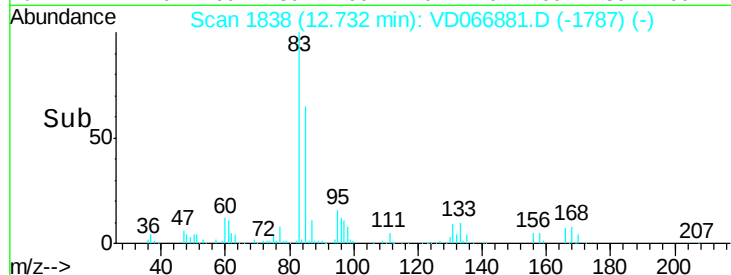
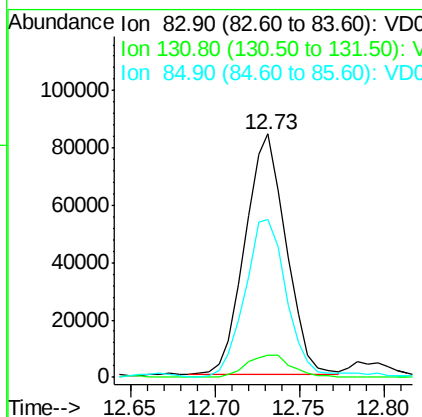
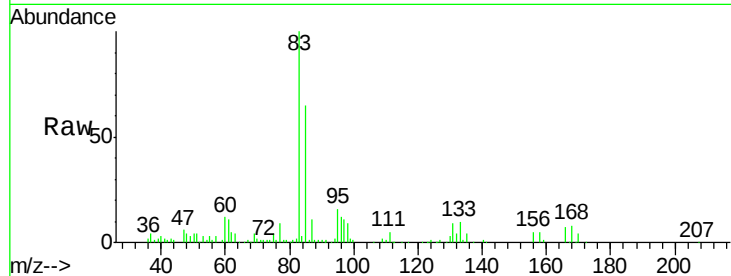
ClientSampleId :

B-2(4-5)MSD

Tot Ion:	83	Resp:	142313
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.5	16.7
85	66.1	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 74.368 ug/l m

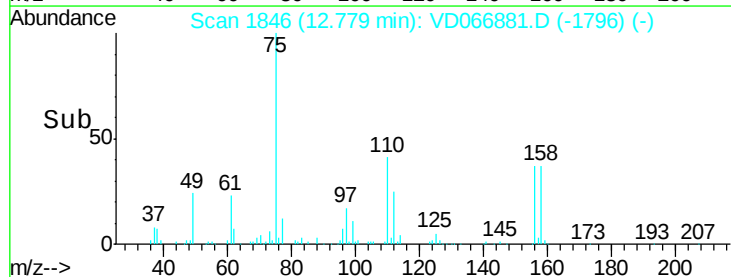
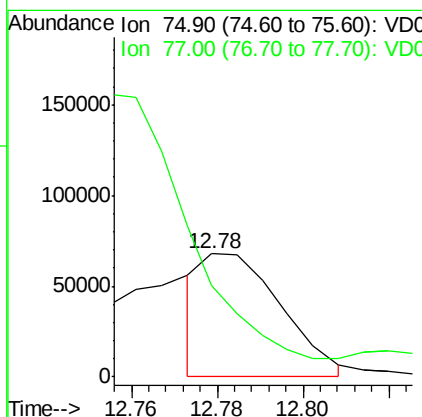
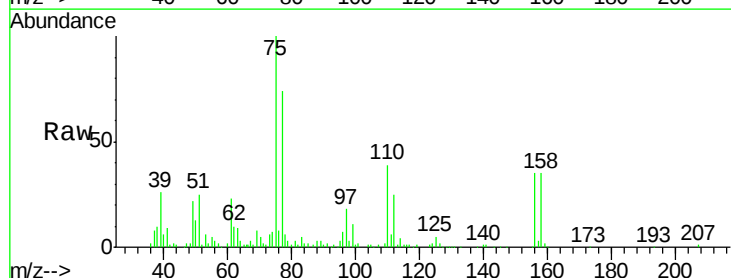
RT: 12.78 min Scan# 1846

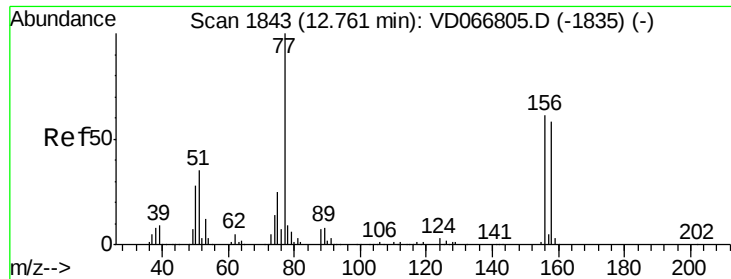
Delta R.T. -0.01 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Tgt Ion:	75	Resp:	87312
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





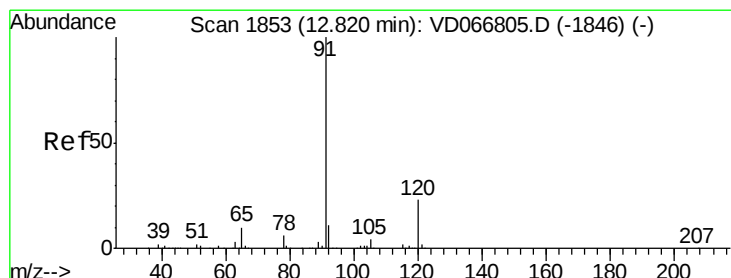
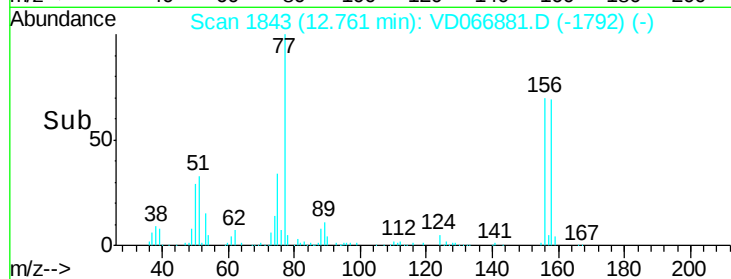
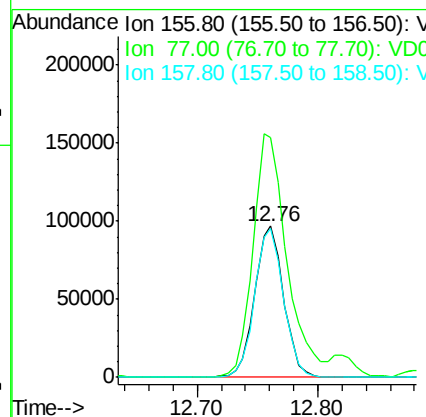
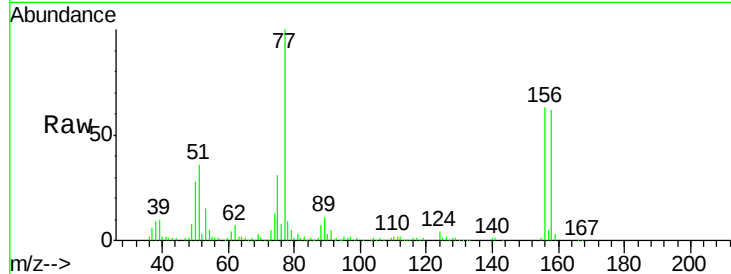
#77
Bromobenzene
Concen: 67.822 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	186.2	92.3	276.9
158	97.9	47.6	142.9

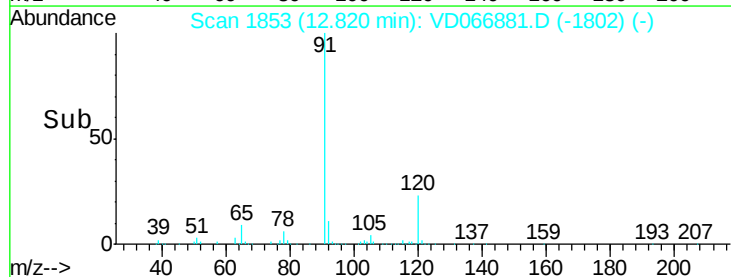
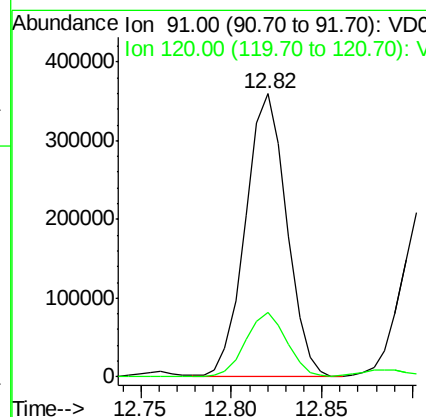
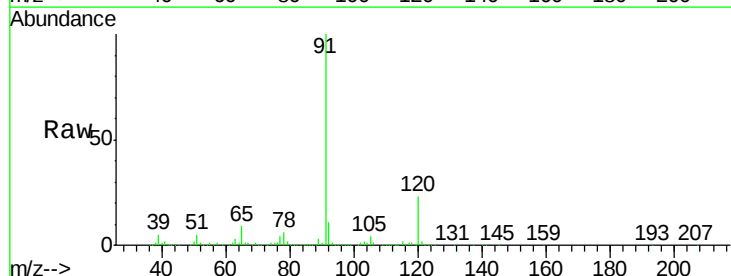
Manual Integrations
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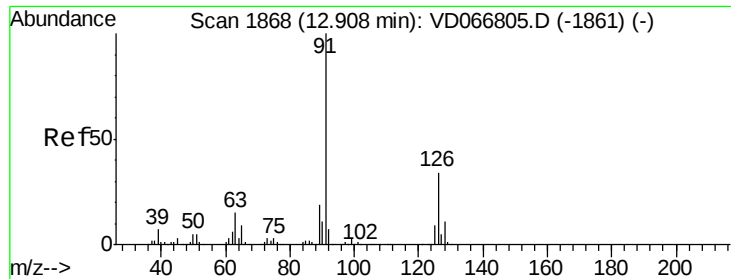
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#78
n-propylbenzene
Concen: 45.838 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.2





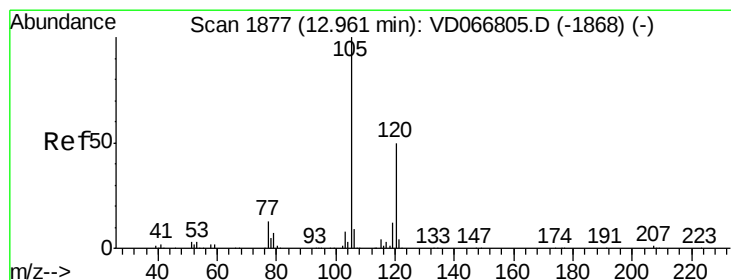
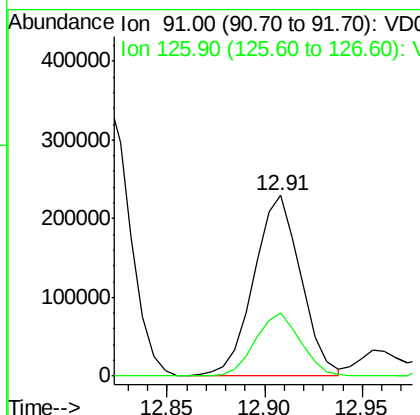
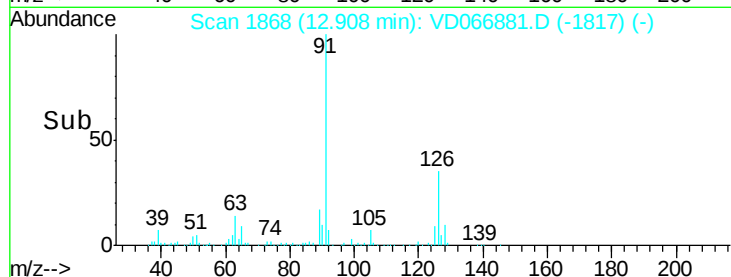
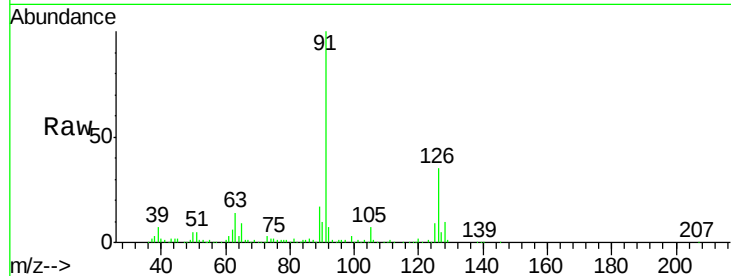
#79
2-Chlorotoluene
Concen: 53.975 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion: 91 Resp: 378697
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

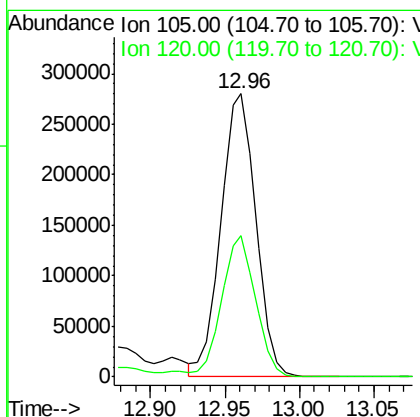
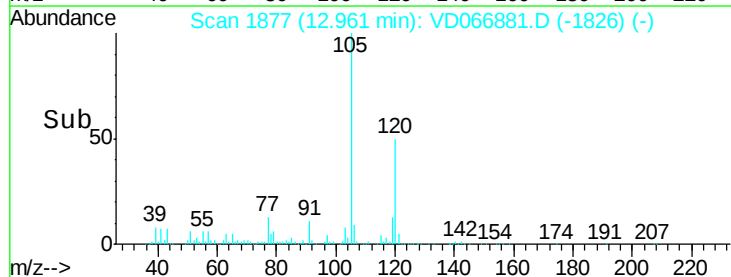
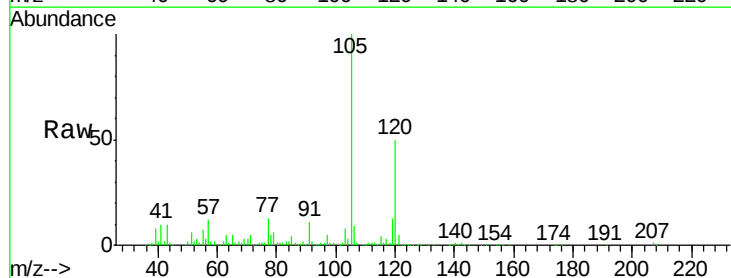
Manual Integrations
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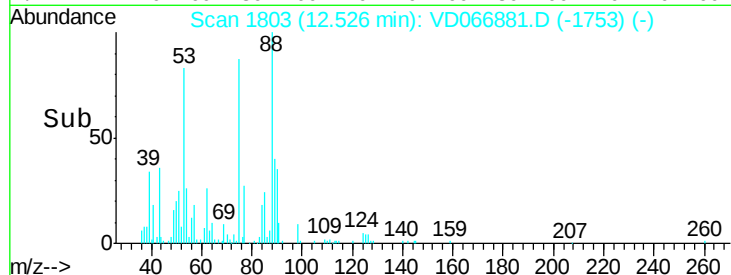
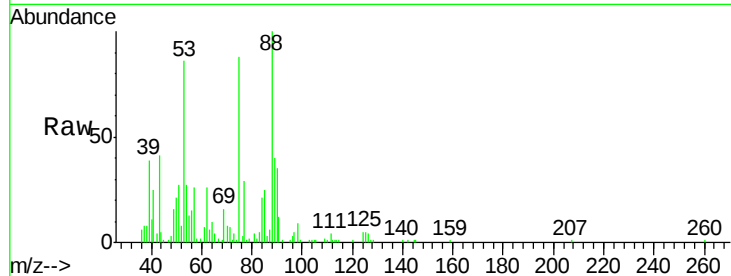
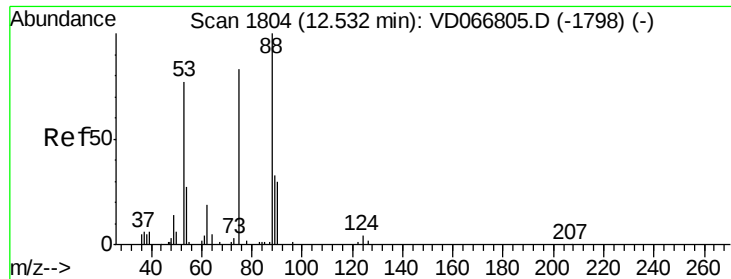
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#80
1,3,5-Trimethylbenzene
Concen: 52.787 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion: 105 Resp: 458391
Ion Ratio Lower Upper
105 100
120 48.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 90.086 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066881.D

Acq: 25 Sep 2020 18:28

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion: 75 Resp: 42274

Ion Ratio Lower Upper

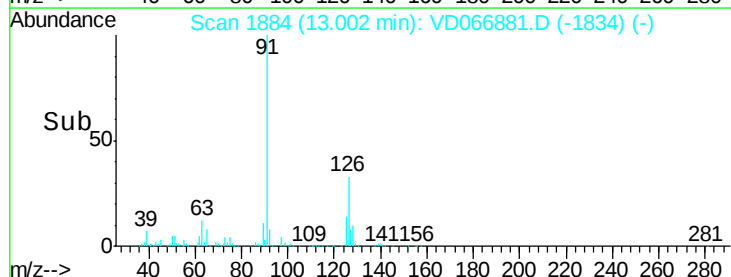
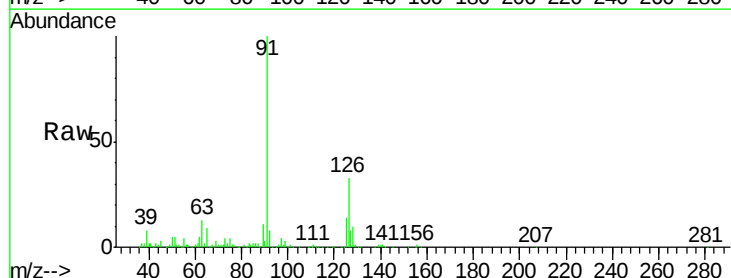
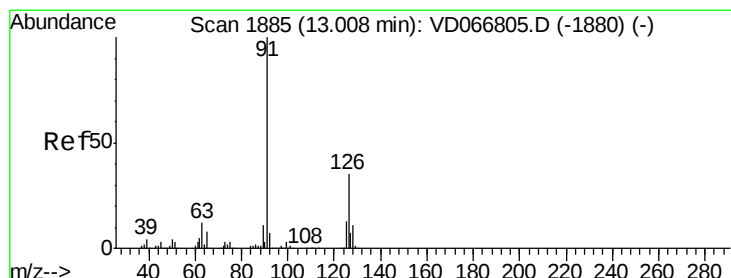
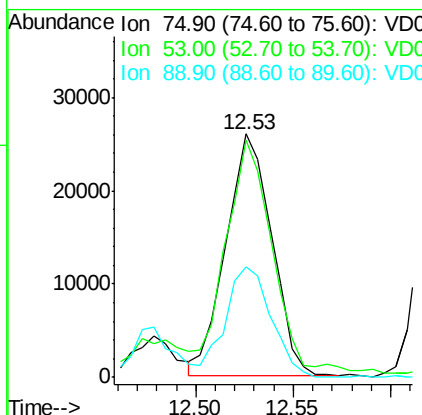
75 100

53 98.9 78.5 117.7

89 45.3 38.1 57.1

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#82

4-Chlorotoluene

Concen: 52.615 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066881.D

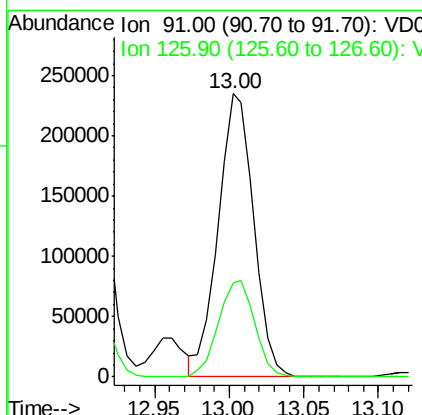
Acq: 25 Sep 2020 18:28

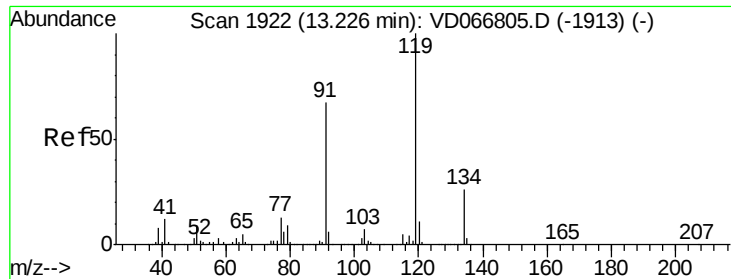
Tgt Ion: 91 Resp: 389141

Ion Ratio Lower Upper

91 100

126 35.0 17.1 51.2





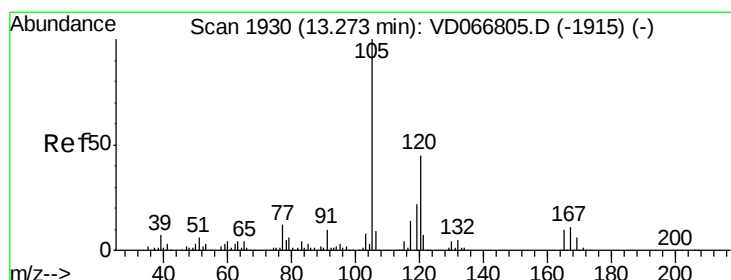
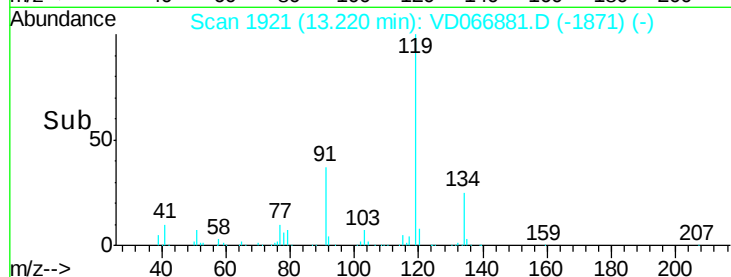
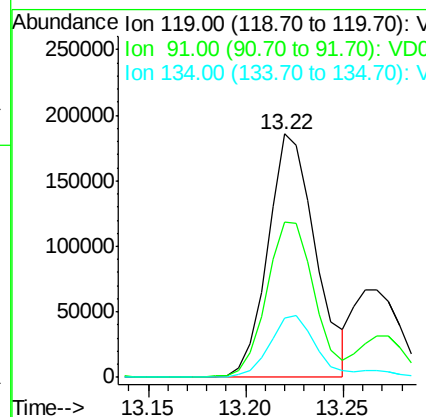
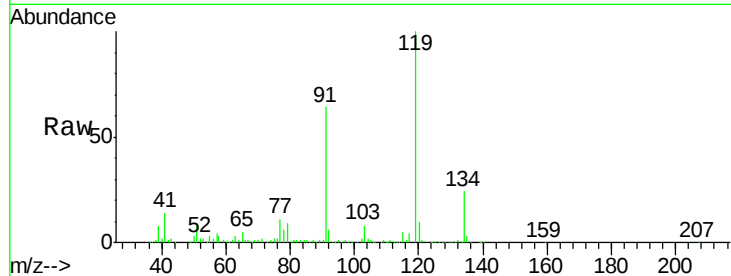
#83
tert-Butylbenzene
Concen: 43.809 ug/l
RT: 13.22 min Scan# 1921
Delta R.T. -0.01 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	312609		
91	64.1	33.6	100.8	
134	24.5	13.5	40.4	

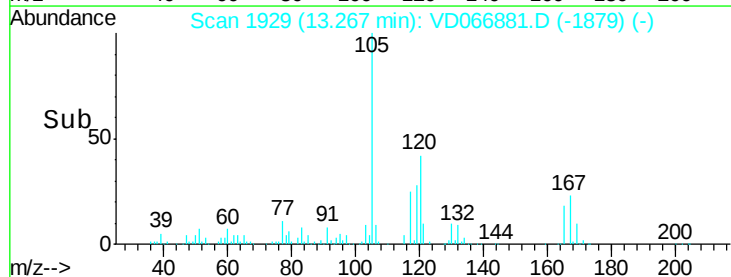
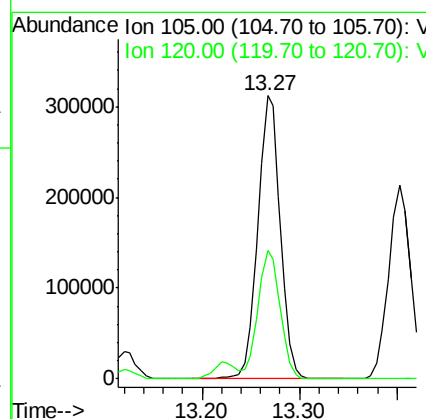
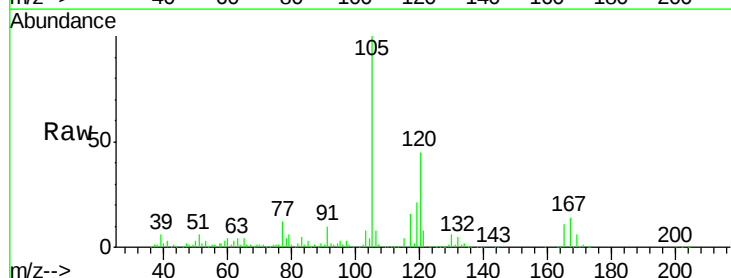
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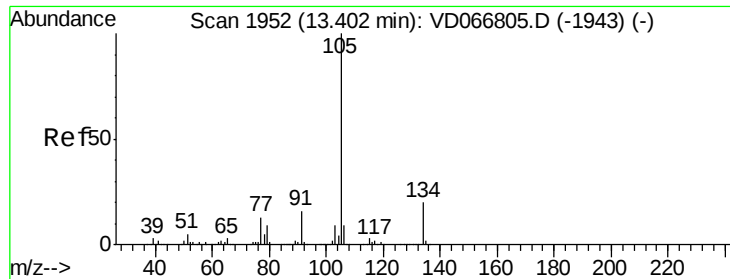
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#84
1,2,4-Trimethylbenzene
Concen: 58.823 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	506522		
120	45.1	22.3	66.9	





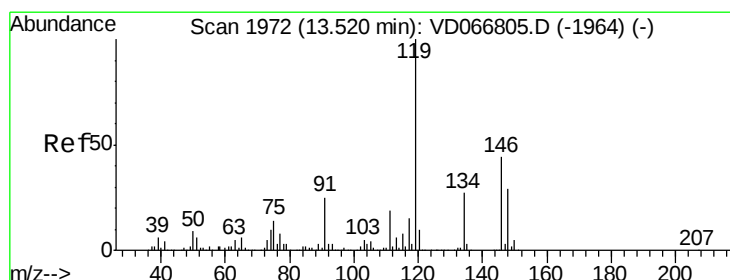
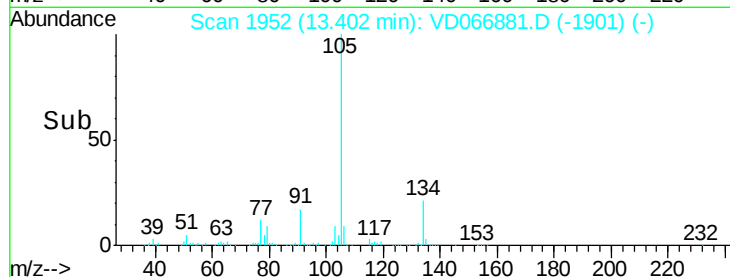
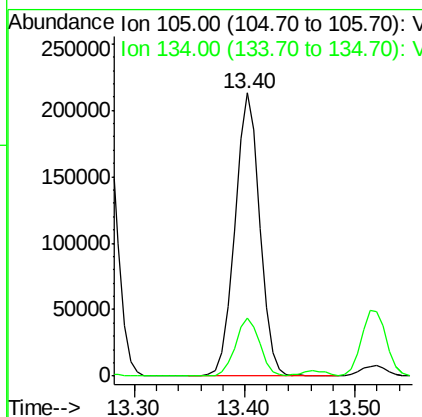
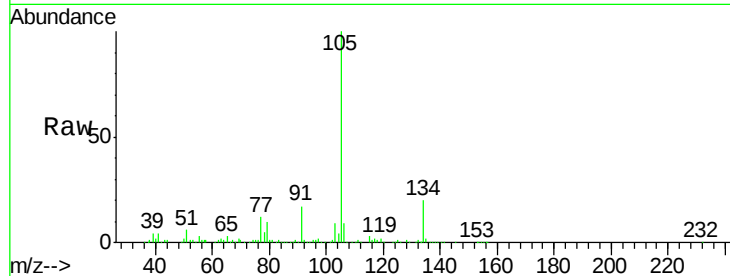
#85
 sec-Butylbenzene
 Concen: 32.729 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleID :
 B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
105	100	335837		
134	20.1	10.2	30.6	

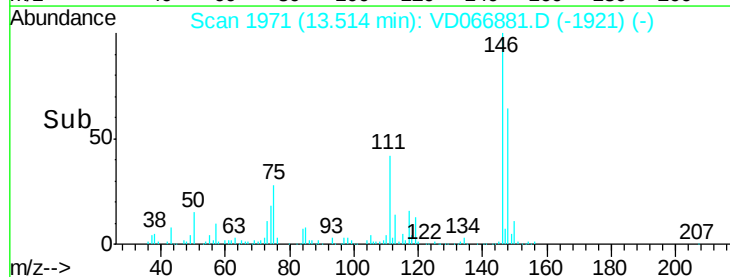
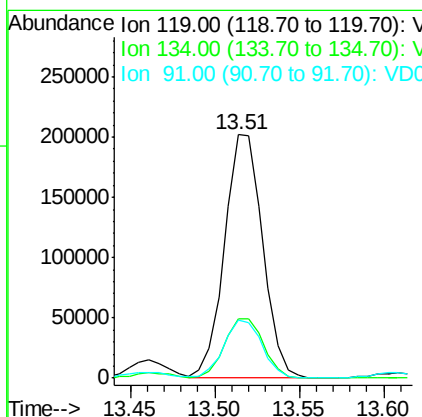
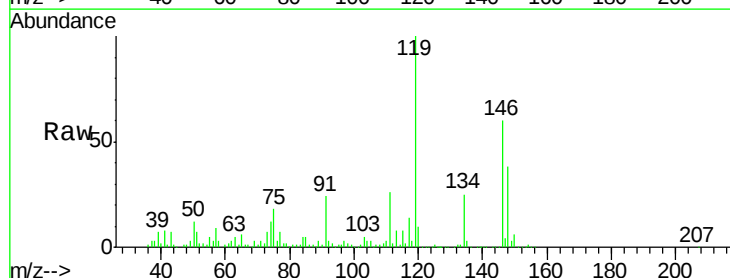
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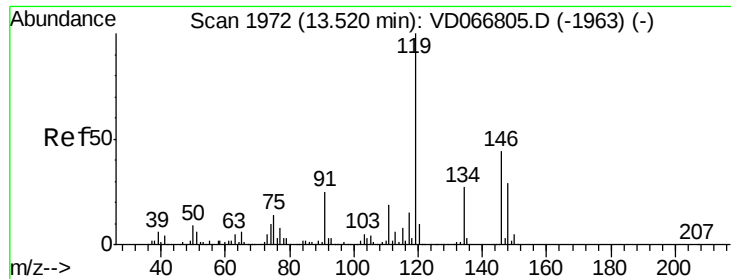
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#86
 p-Isopropyltoluene
 Concen: 34.368 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	317879		
134	25.0	13.0	38.9	
91	23.8	12.0	36.1	





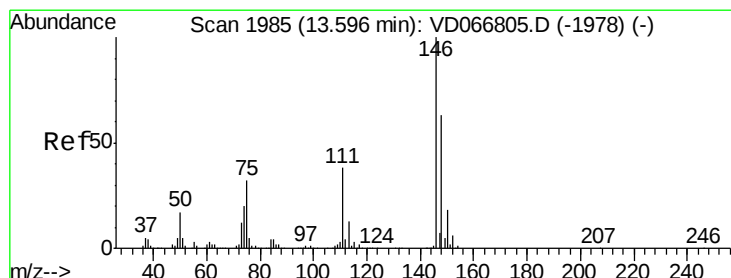
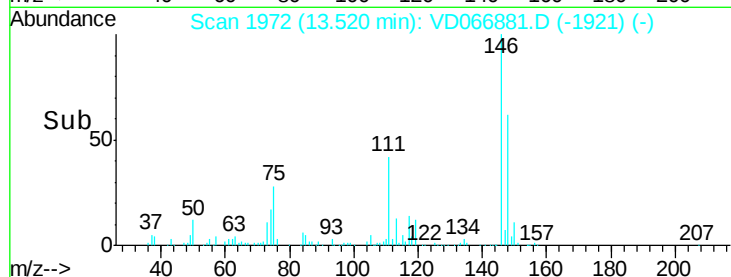
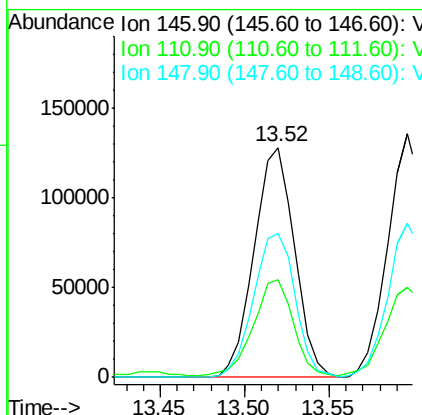
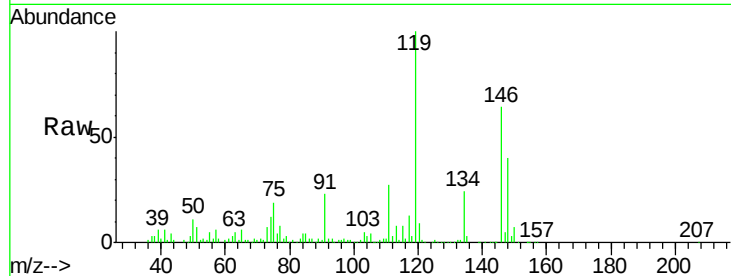
#87
 1,3-Dichlorobenzene
 Concen: 45.260 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	214028		
111	40.6	20.3	60.9	
148	64.1	31.9	95.5	

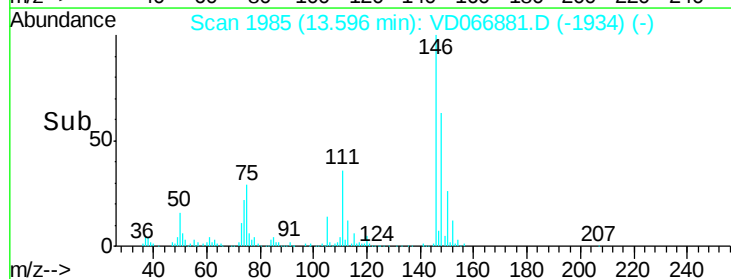
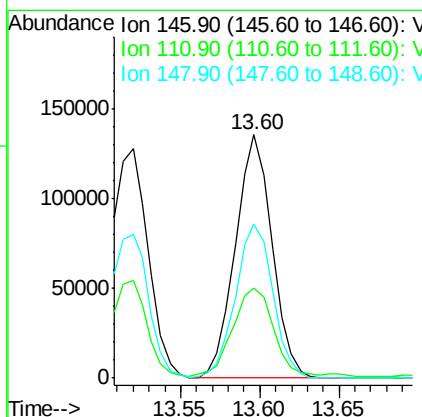
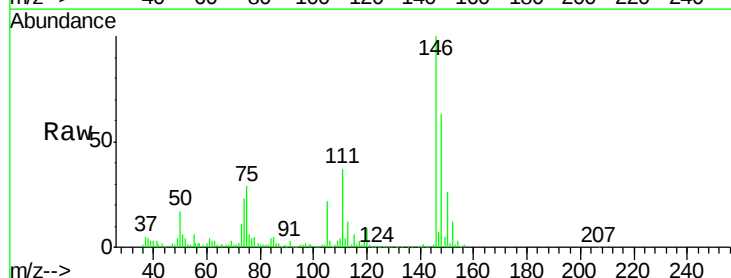
Manual Integrations
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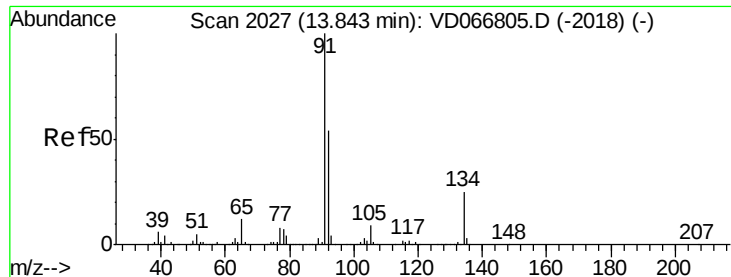
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#88
 1,4-Dichlorobenzene
 Concen: 46.428 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	218058		
111	39.5	20.2	60.5	
148	64.5	31.6	94.7	





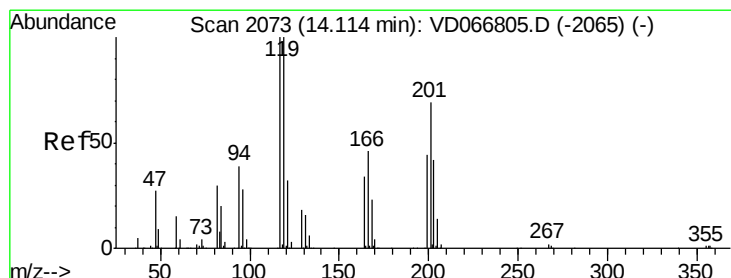
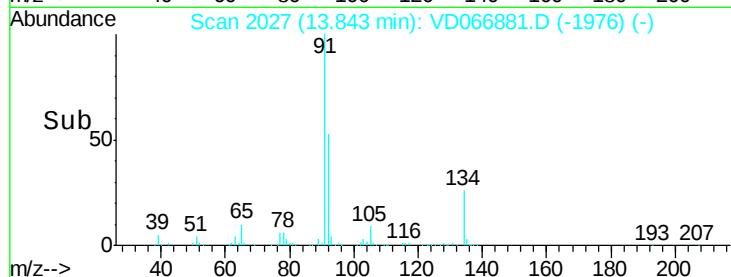
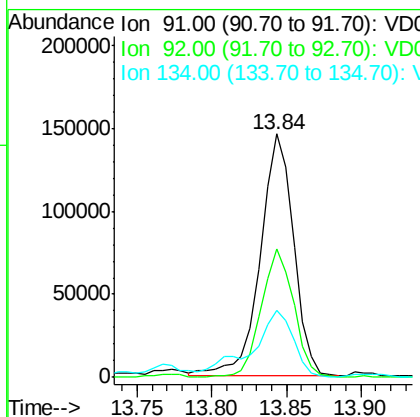
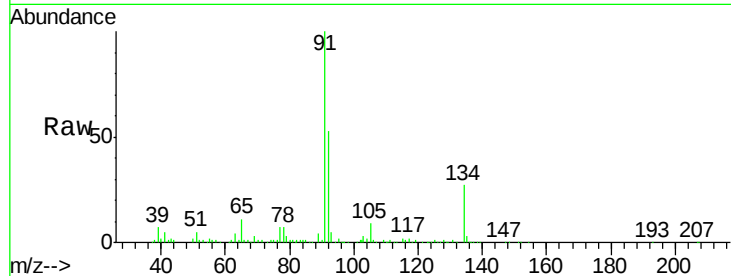
#89
n-Butylbenzene
Concen: 25.644 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.5	26.7	80.0	
134	34.1	13.1	39.1	

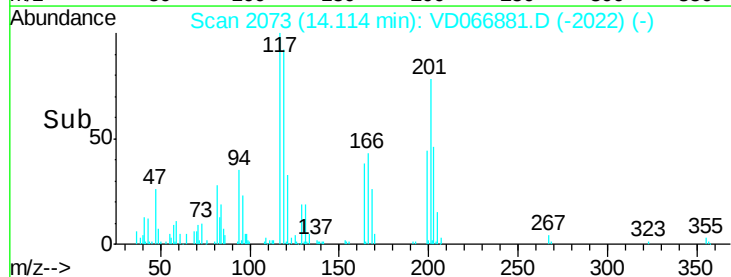
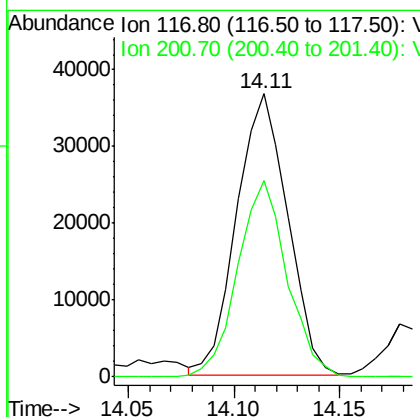
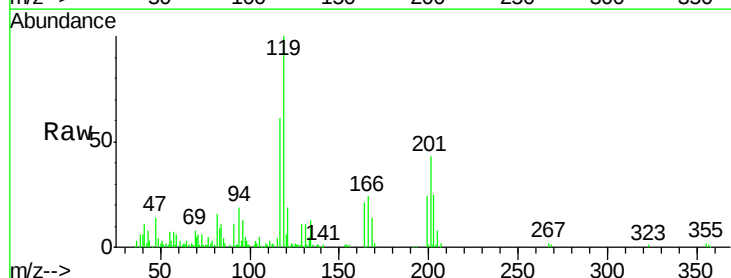
Manual Integrations
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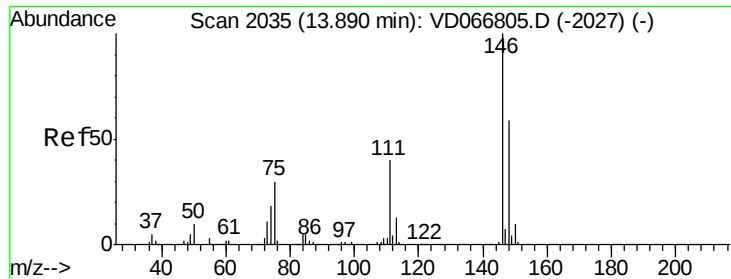
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#90
Hexachloroethane
Concen: 32.798 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	67.4	33.7	101.0	





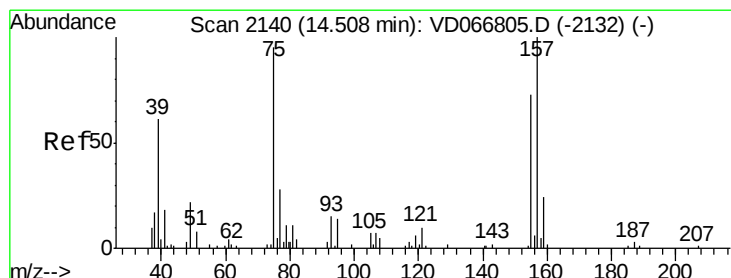
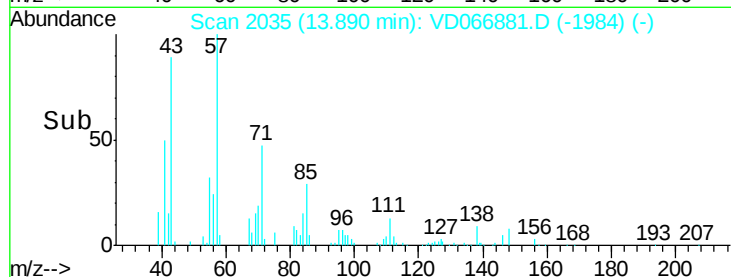
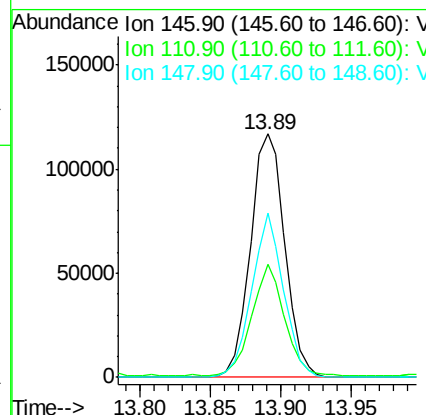
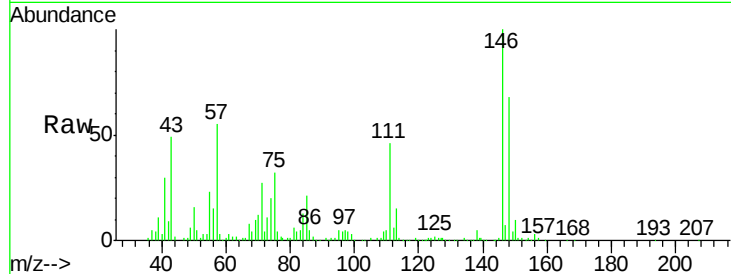
#91
 1,2-Dichlorobenzene
 Concen: 49.259 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	199289		
111	44.1	20.9	62.7	
148	62.4	31.8	95.3	

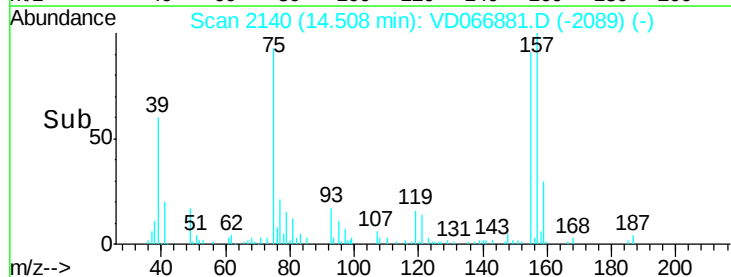
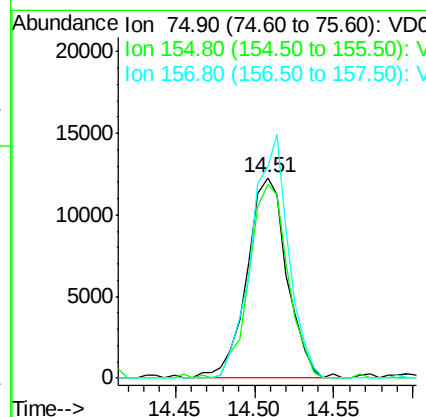
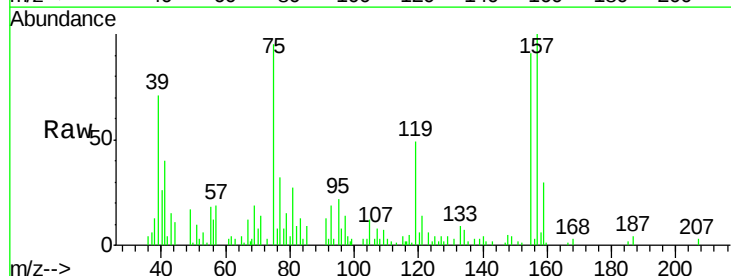
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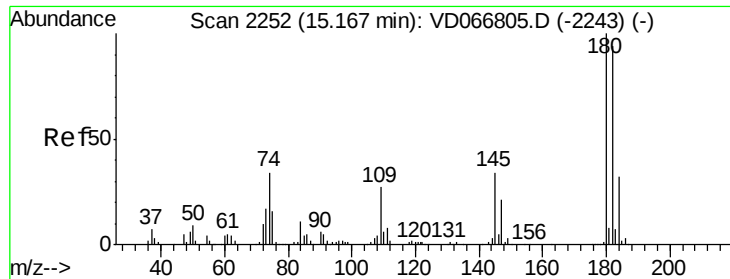
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 75.834 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21543		
155	93.4	40.4	121.2	
157	111.4	51.3	153.9	





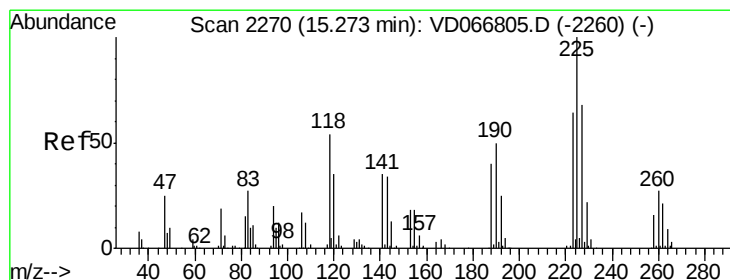
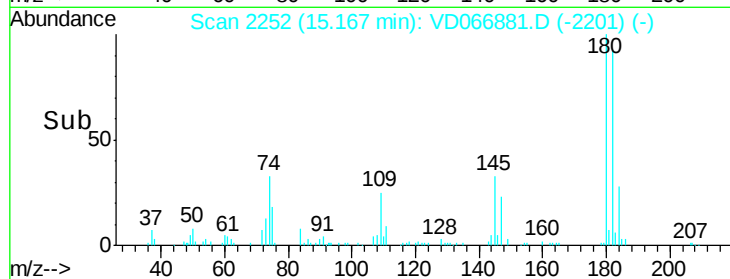
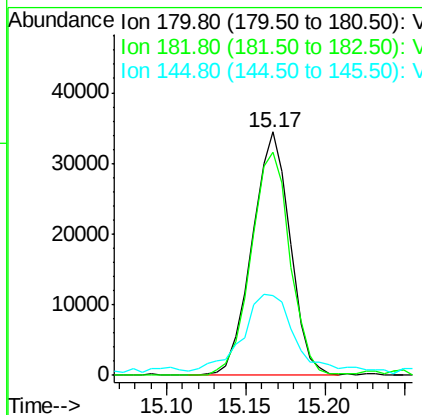
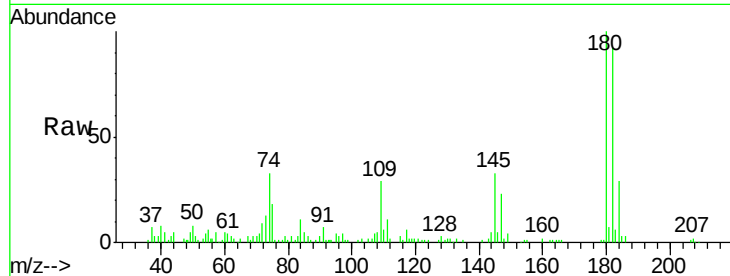
#93
 1,2,4-Trichlorobenzene
 Concen: 22.564 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.8	146.3
145	47.8	16.7	50.0

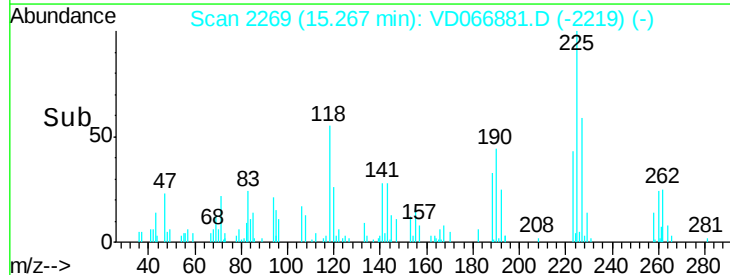
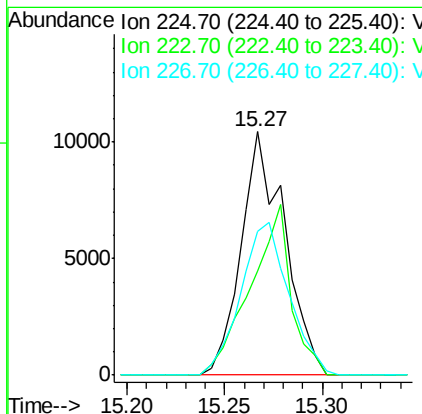
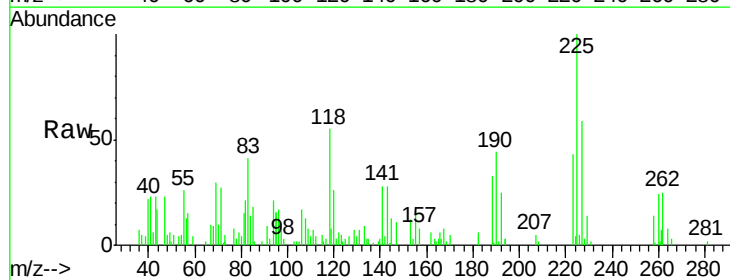
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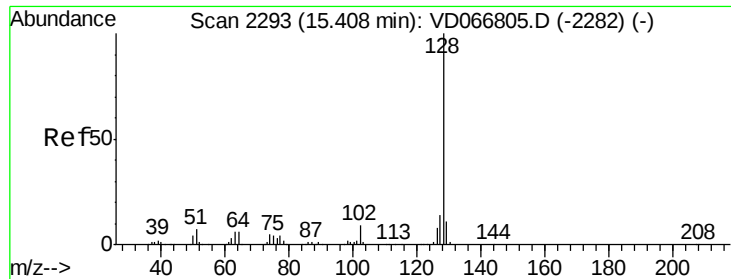
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#94
 Hexachlorobutadiene
 Concen: 10.523 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066881.D
 Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	31.1	93.3
227	69.9	31.7	95.1





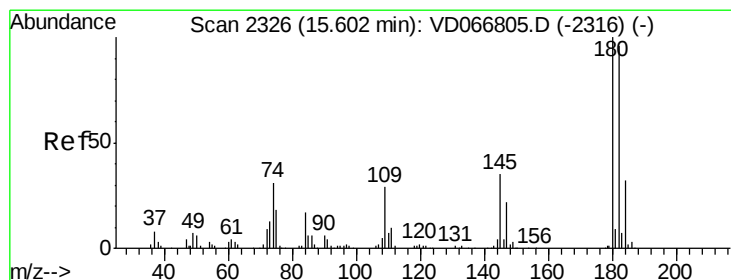
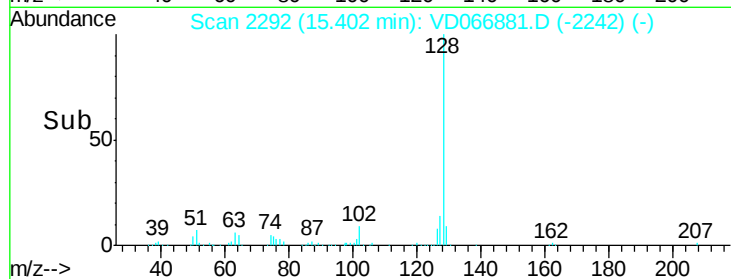
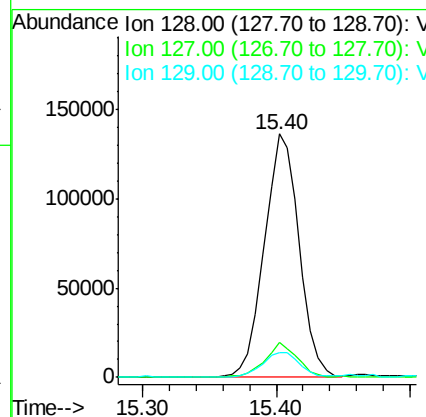
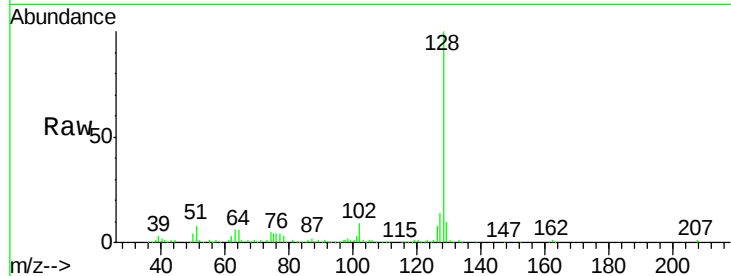
#95
Naphthalene
Concen: 56.684 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	245094		
127	13.4	10.6	16.0	
129	11.2	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.742 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066881.D
Acq: 25 Sep 2020 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	49991		
182	96.2	46.8	140.3	
145	52.4	17.0	51.0#	

