

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066930.D
 Acq On : 29 Sep 2020 11:16
 Operator : VA/SY
 Sample : VD0929SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Manual Integrations
 APPROVED

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 9/30/2020 1:21:56 PM

Quant Time: Sep 30 03:20:05 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	419254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	663635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	595627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	289548	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	175867	42.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.72%	
35) Dibromofluoromethane	7.91	113	190446	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
50) Toluene-d8	10.34	98	677550	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.63	95	238841	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	76931	23.197	ug/l	90
3) Chloromethane	2.21	50	68458	17.772	ug/l	98
4) Vinyl Chloride	2.35	62	69640	18.299	ug/l	90
5) Bromomethane	2.76	94	49554	18.526	ug/l	87
6) Chloroethane	2.92	64	41488	17.555	ug/l	96
7) Trichlorofluoromethane	3.27	101	156986	20.086	ug/l	94
8) Diethyl Ether	3.71	74	39261	19.787	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	90260	19.916	ug/l	97
10) Methyl Iodide	4.30	142	77467	19.371	ug/l	97
11) Tert butyl alcohol	5.21	59	32882	104.893	ug/l #	81
12) 1,1-Dichloroethene	4.07	96	80790	19.679	ug/l	95
13) Acrolein	3.92	56	23694	78.272	ug/l	94
14) Allyl chloride	4.71	41	111152	18.438	ug/l	96
15) Acrylonitrile	5.43	53	81885	93.124	ug/l	99
16) Acetone	4.16	43	65866	75.665	ug/l	94
17) Carbon Disulfide	4.41	76	244627	19.490	ug/l	98
18) Methyl Acetate	4.72	43	39098	17.793	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	171495	19.235	ug/l	91
20) Methylene Chloride	4.96	84	107011	19.191	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	95736	20.139	ug/l	92
22) Diisopropyl ether	6.37	45	234137	18.889	ug/l	97
23) Vinyl Acetate	6.31	43	563524	85.514	ug/l #	94
24) 1,1-Dichloroethane	6.26	63	156115	18.827	ug/l	99
25) 2-Butanone	7.21	43	94982	90.797	ug/l	91
26) 2,2-Dichloropropane	7.21	77	148957	19.599	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	106438	20.608	ug/l	95
28) Bromochloromethane	7.54	49	59883	17.481	ug/l	90
29) Tetrahydrofuran	7.56	42	62453	93.173	ug/l	98
30) Chloroform	7.71	83	173939	19.460	ug/l	99
31) Cyclohexane	7.98	56	140756	18.865	ug/l #	95
32) 1,1,1-Trichloroethane	7.90	97	160346	19.830	ug/l	99
36) 1,1-Dichloropropene	8.11	75	132175	20.076	ug/l	99
37) Ethyl Acetate	7.29	43	46258	19.435	ug/l #	96
38) Carbon Tetrachloride	8.10	117	142577	19.808	ug/l	97

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 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)
39) Methylcyclohexane	9.36	83	153441	20.299	ug/l	97
40) Benzene	8.35	78	366968	19.999	ug/l	99
41) Methacrylonitrile	7.53	41	27339	18.678	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	104880	19.335	ug/l	99
43) Isopropyl Acetate	8.45	43	85098	18.545	ug/l	97
44) Trichloroethene	9.11	130	105739	20.218	ug/l	94
45) 1,2-Dichloropropane	9.39	63	89345	19.353	ug/l	93
46) Dibromomethane	9.47	93	49824	19.864	ug/l	95
47) Bromodichloromethane	9.66	83	130964	19.436	ug/l #	95
48) Methyl methacrylate	9.46	41	45156	19.959	ug/l	95
49) 1,4-Dioxane	9.46	88	11550	337.270	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	221746	95.370	ug/l	100
52) Toluene	10.40	92	245448	20.767	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	115186	20.084	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	136854	19.570	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	72180	20.933	ug/l	97
56) Ethyl methacrylate	10.66	69	74129	20.067	ug/l	96
57) 1,3-Dichloropropane	10.94	76	113871	19.999	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	191553	109.516	ug/l	97
59) 2-Hexanone	10.98	43	143741	91.671	ug/l	98
60) Dibromochloromethane	11.14	129	90911	20.201	ug/l	100
61) 1,2-Dibromoethane	11.24	107	66030	20.588	ug/l	99
64) Tetrachloroethene	10.87	164	93685	21.866	ug/l	96
65) Chlorobenzene	11.67	112	258826	20.876	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	97908	20.865	ug/l	99
67) Ethyl Benzene	11.74	91	444240	20.401	ug/l	99
68) m/p-Xylenes	11.85	106	351317	42.613	ug/l	99
69) o-Xylene	12.18	106	157443	21.119	ug/l	96
70) Styrene	12.20	104	267514	20.663	ug/l	98
71) Bromoform	12.36	173	51163	21.534	ug/l #	96
73) Isopropylbenzene	12.48	105	430066	20.561	ug/l	98
74) N-amyl acetate	12.29	43	77195	18.898	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	73308	20.311	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	55815m	23.261	ug/l	
77) Bromobenzene	12.76	156	103761	21.210	ug/l	96
78) n-propylbenzene	12.82	91	518350	20.599	ug/l	100
79) 2-Chlorotoluene	12.91	91	291975	20.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	370796	20.892	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	19095	19.910	ug/l	96
82) 4-Chlorotoluene	13.01	91	312732	20.689	ug/l	98
83) tert-Butylbenzene	13.23	119	301366	20.664	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	361268	20.527	ug/l	98
85) sec-Butylbenzene	13.41	105	441594	21.056	ug/l	100
86) p-Isopropyltoluene	13.52	119	404634	21.405	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	199737	20.666	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	201198	20.960	ug/l	100
89) n-Butylbenzene	13.85	91	362660	20.184	ug/l	99
90) Hexachloroethane	14.11	117	75940	19.787	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	170936	20.673	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11560	19.910	ug/l	90

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VD0929SBSD01

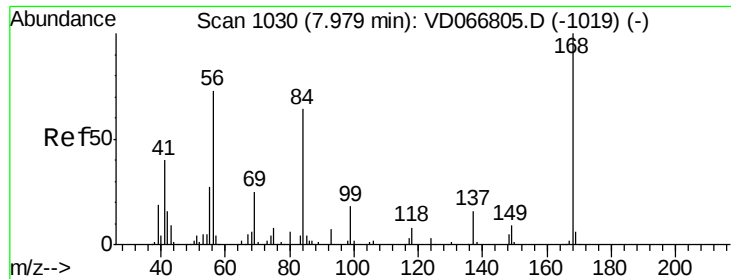
Manual Integrations
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9/30/2020 1:21:56 PM

Quant Time: Sep 30 03:20:05 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.17	180	111012	21.327	ug/l	96
94) Hexachlorobutadiene	15.27	225	67678	21.697	ug/l	98
95) Naphthalene	15.41	128	174594	19.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	95817	21.327	ug/l	99

(#) = 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: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBSD01

Tot Ion:168 Resp: 419254

Ion Ratio Lower Upper

168 100

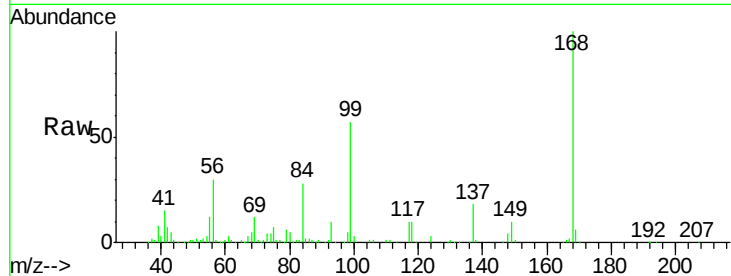
99 57.3 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

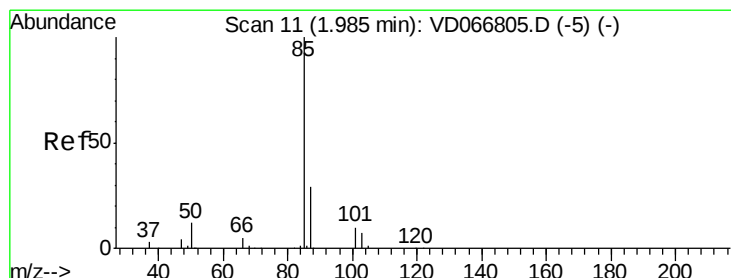
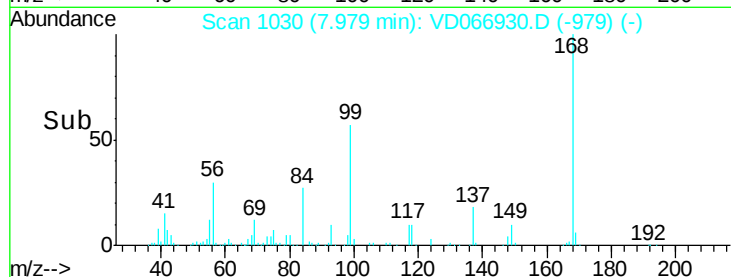
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.197 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066930.D

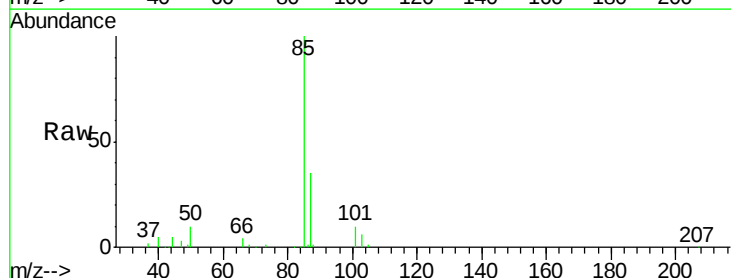
Acq: 29 Sep 2020 11:16

Tgt Ion: 85 Resp: 76931

Ion Ratio Lower Upper

85 100

87 34.6 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

60000

50000

40000

30000

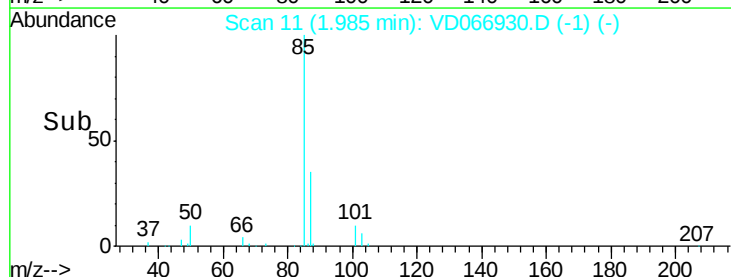
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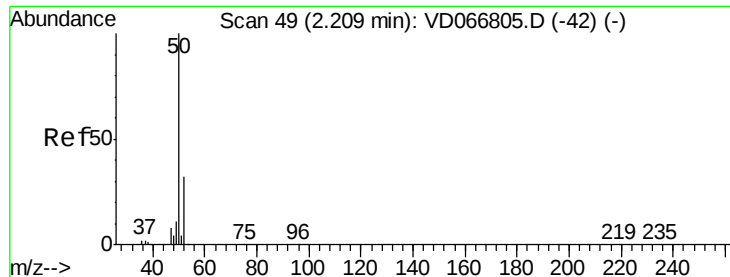
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0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 17.772 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBSD01

Tot Ion: 50 Resp: 68458

Ion Ratio Lower Upper

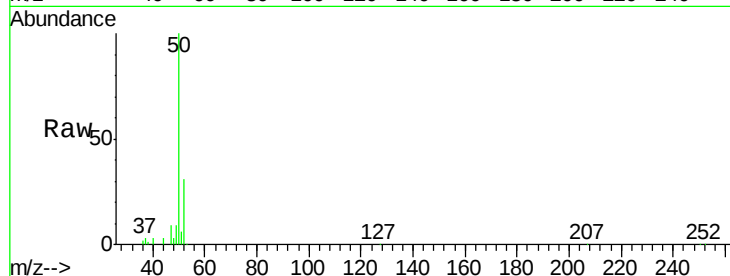
50 100

52 31.1 25.5 38.3

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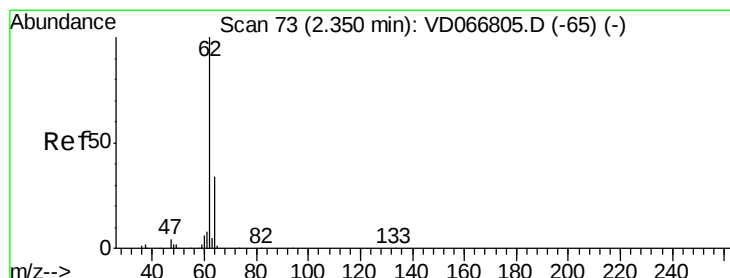
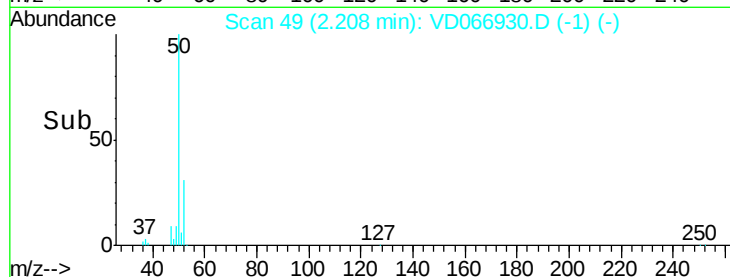
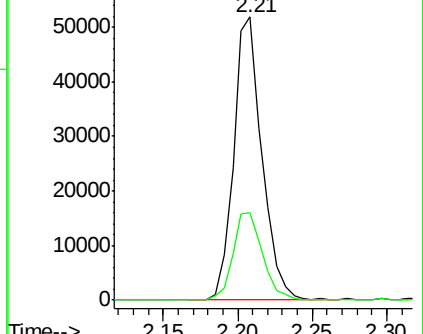
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.299 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066930.D

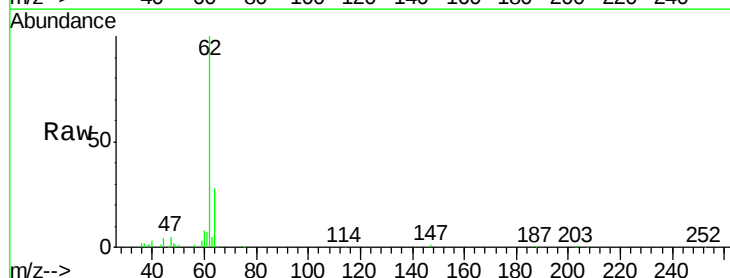
Acq: 29 Sep 2020 11:16

Tgt Ion: 62 Resp: 69640

Ion Ratio Lower Upper

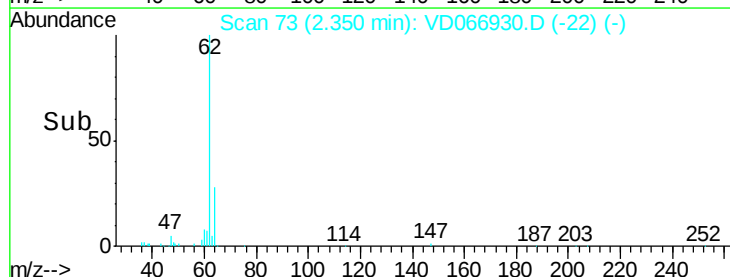
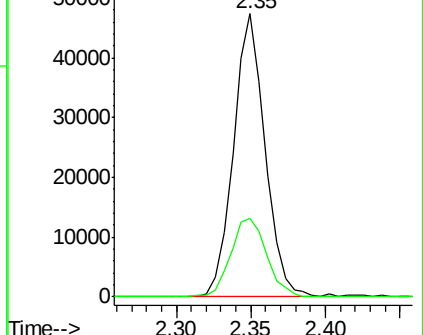
62 100

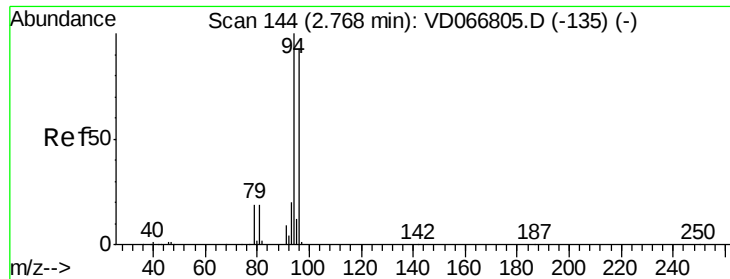
64 27.8 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 18.526 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 94 Resp: 49554

Ion Ratio Lower Upper

94 100

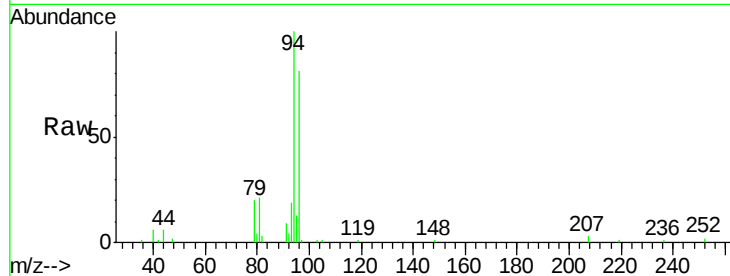
96 80.2 74.3 111.5

Manual Integrations

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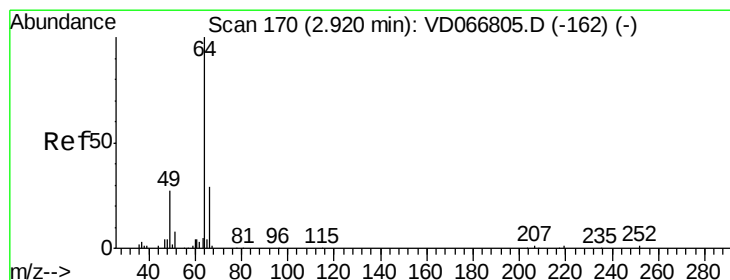
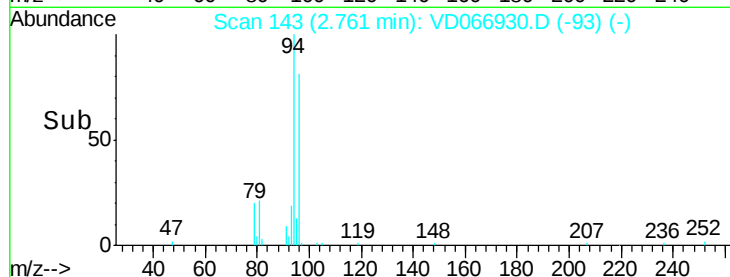
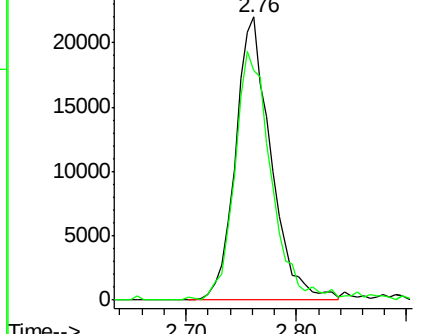
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 17.555 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066930.D

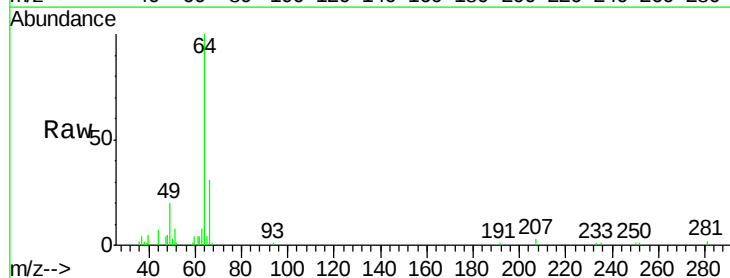
Acq: 29 Sep 2020 11:16

Tgt Ion: 64 Resp: 41488

Ion Ratio Lower Upper

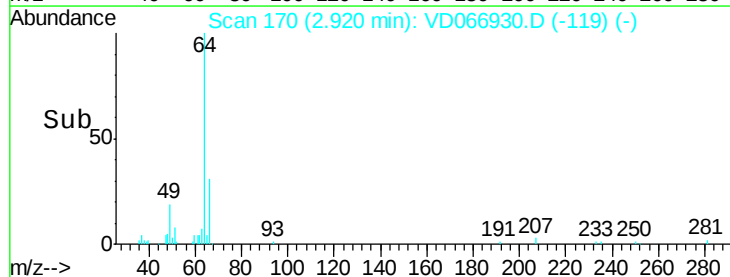
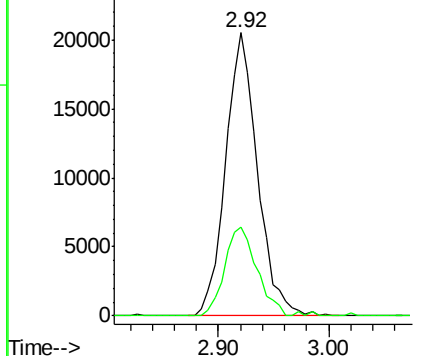
64 100

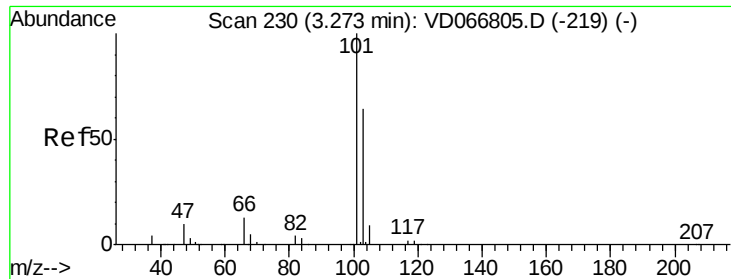
66 31.4 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

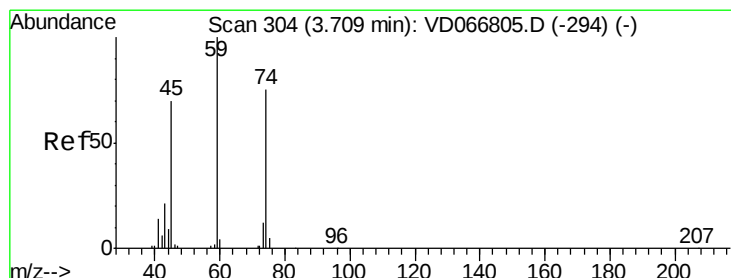
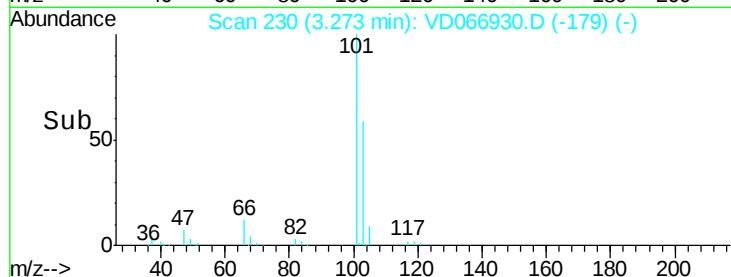
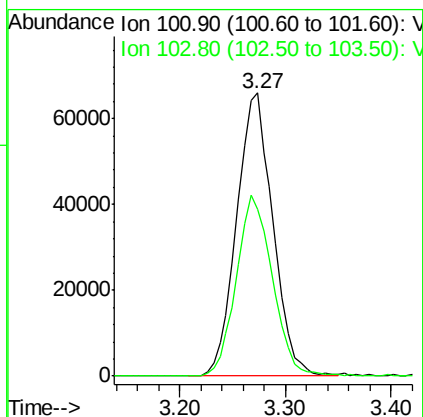
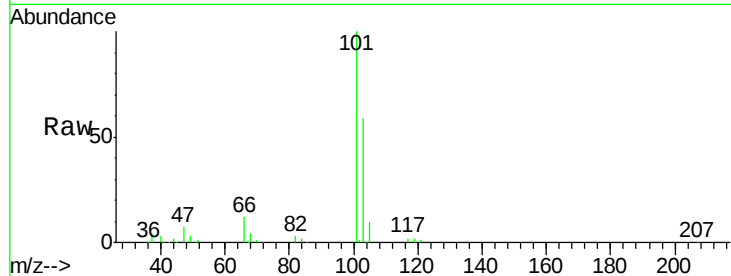
Trichlorofluoromethane
 Concen: 20.086 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	156986		
103	58.8		51.0	76.6

Manual Integrations
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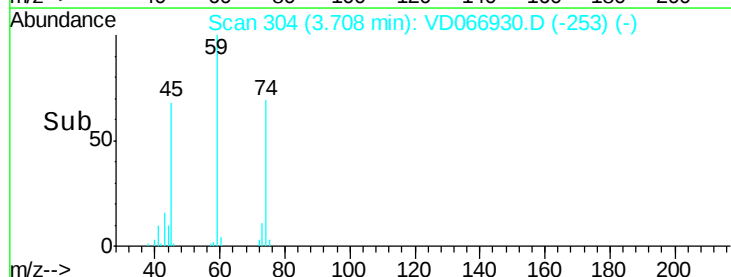
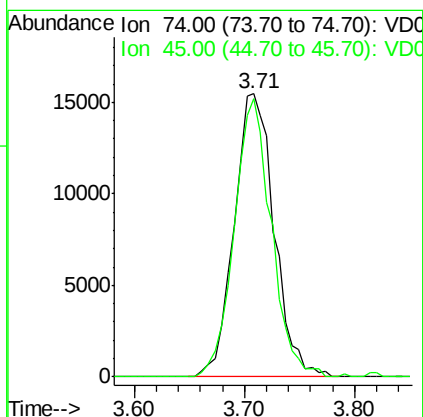
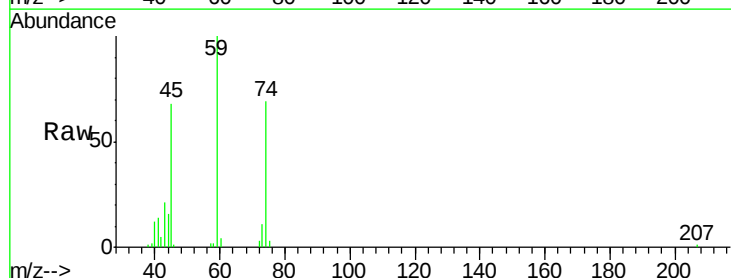
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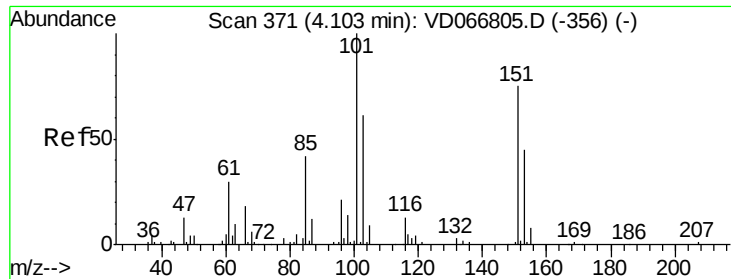


#8

Diethyl Ether
 Concen: 19.787 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39261		
45	91.2		46.0	138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.916 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

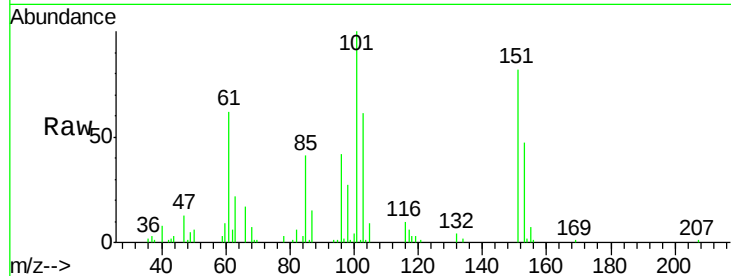
ClientSampleId :

VD0929SBS01

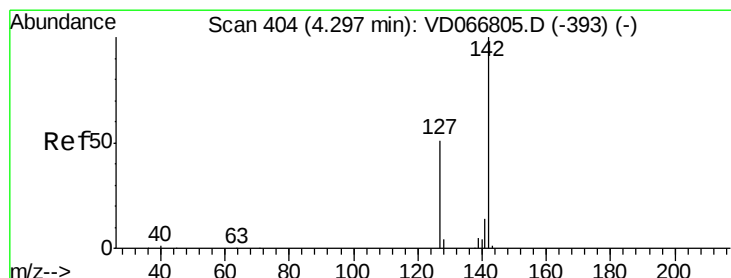
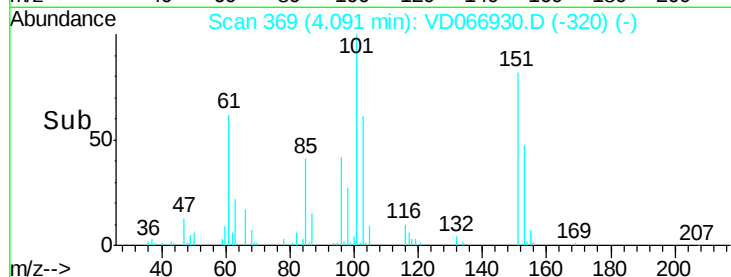
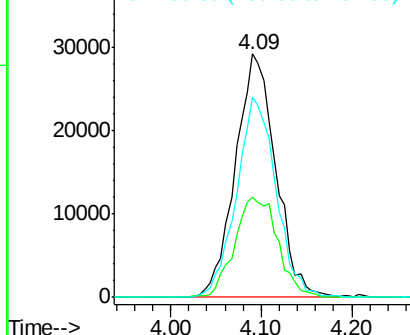
Tot Ion:	101	Resp:	90260
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.4	53.2
151	80.8	61.4	92.0

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



#10

Methyl Iodide

Concen: 19.371 ug/l

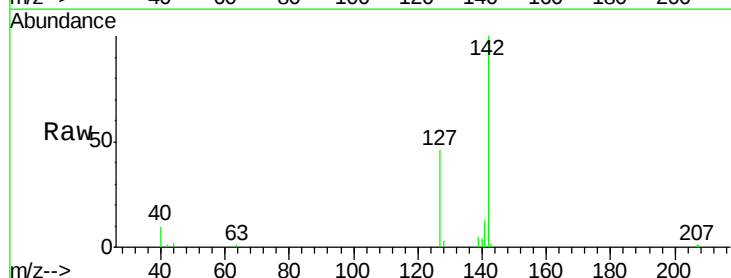
RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

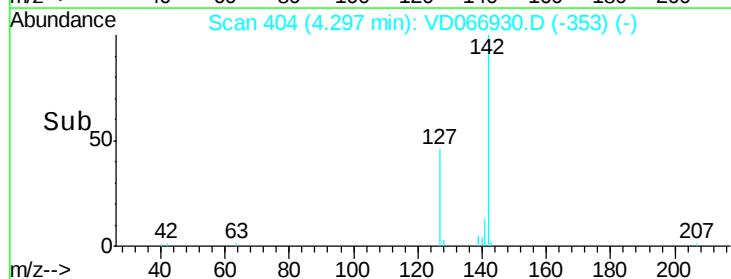
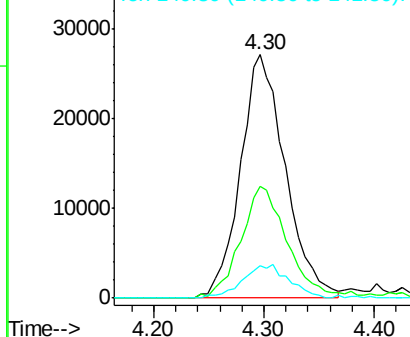
Lab File: VD066930.D

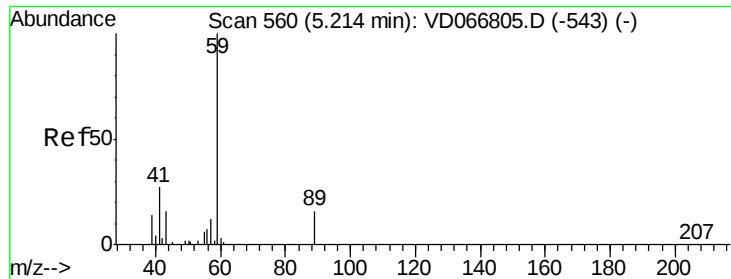
Acq: 29 Sep 2020 11:16

Tgt Ion:	142	Resp:	77467
Ion Ratio	Lower	Upper	
142	100		
127	47.2	39.4	59.0
141	14.0	12.1	18.1



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





#11

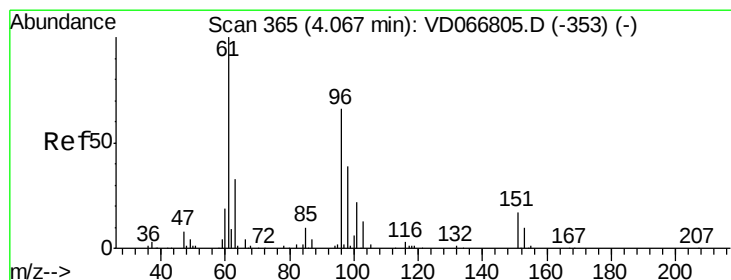
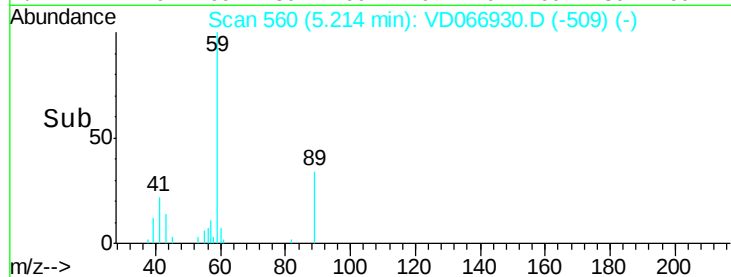
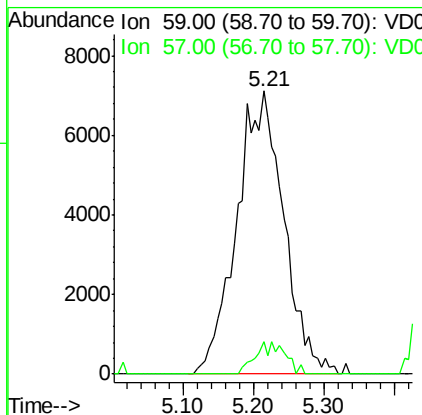
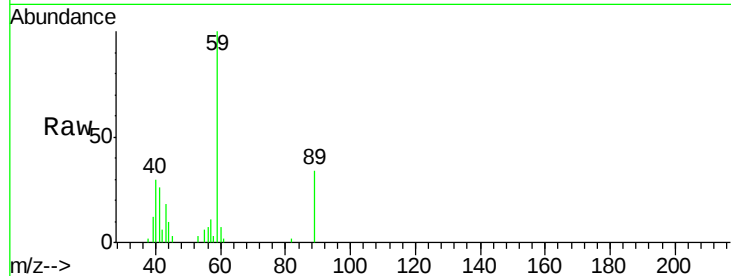
Tert butyl alcohol
Concen: 104.893 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion	59	Resp	32882
Ion Ratio	100	Lower	Upper
57	3.2	8.3	12.5#

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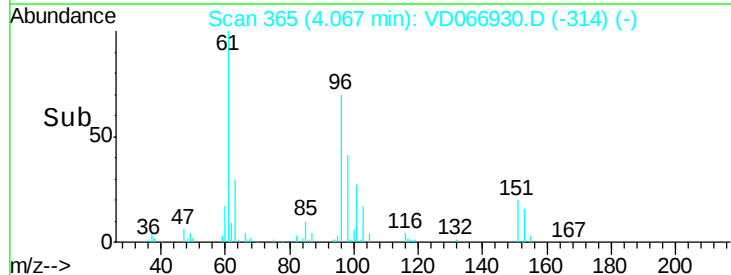
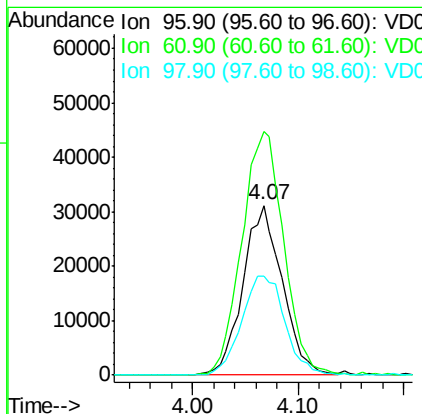
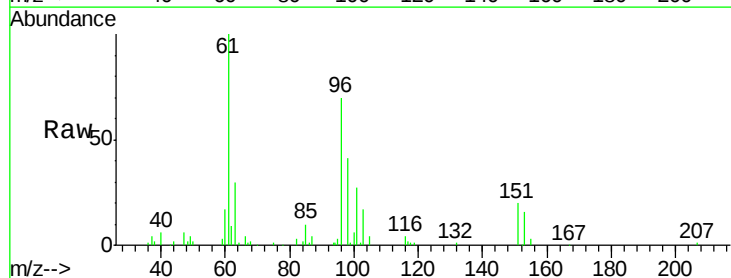
MMDadoda
9/30/2020 1:21:56 PM

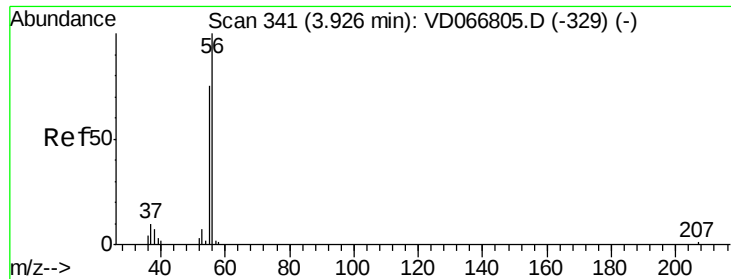


#12

1,1-Dichloroethene
Concen: 19.679 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	96	Resp	80790
Ion Ratio	100	Lower	Upper
61	143.6	120.8	181.2
98	58.4	47.7	71.5





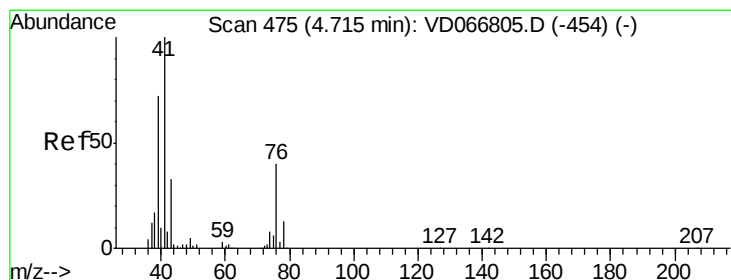
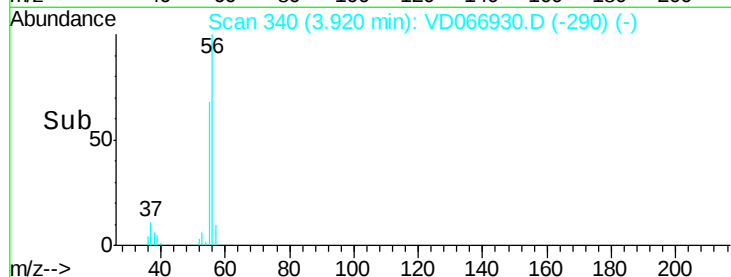
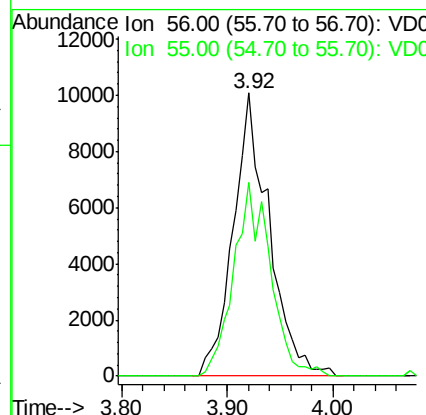
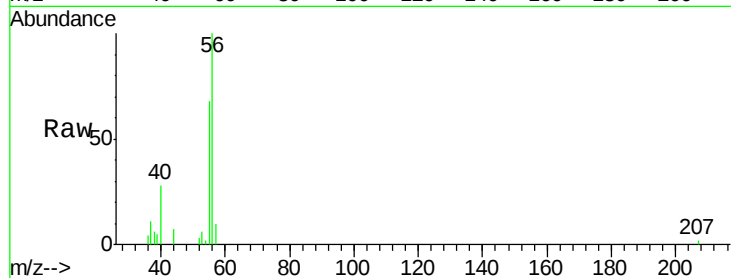
#13
Acrolein
Concen: 78.272 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	60.3	90.5

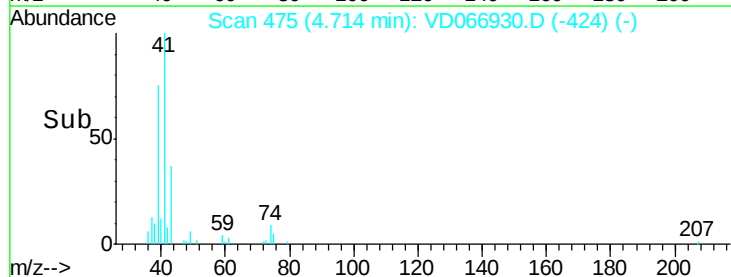
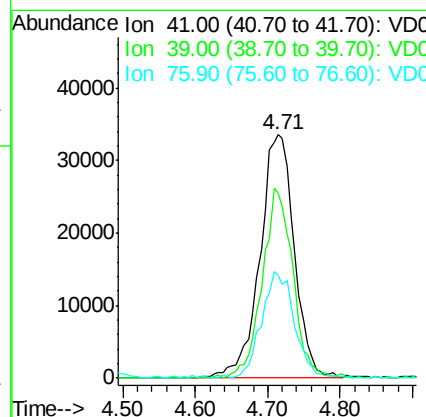
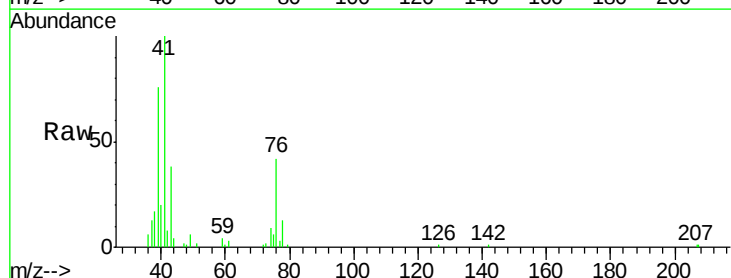
Manual Integrations
APPROVED

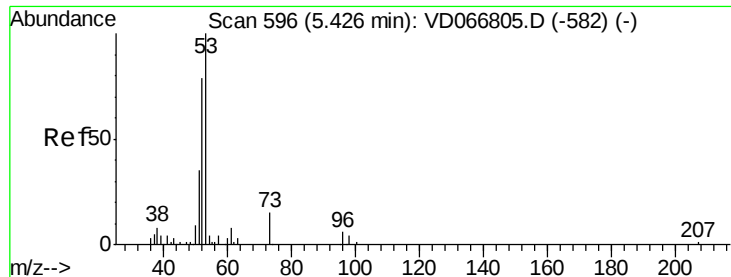
MMDadoda
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#14
Allyl chloride
Concen: 18.438 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.3	57.8	86.8
76	41.3	30.9	46.3





#15

Acrylonitrile

Concen: 93.124 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

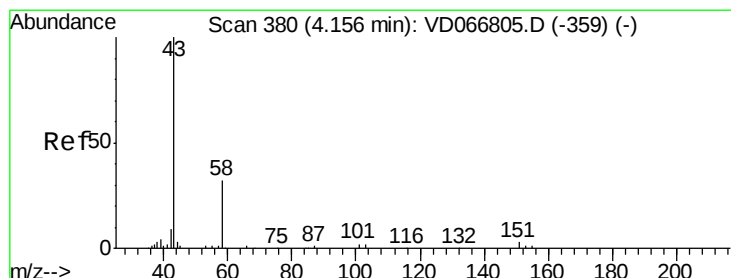
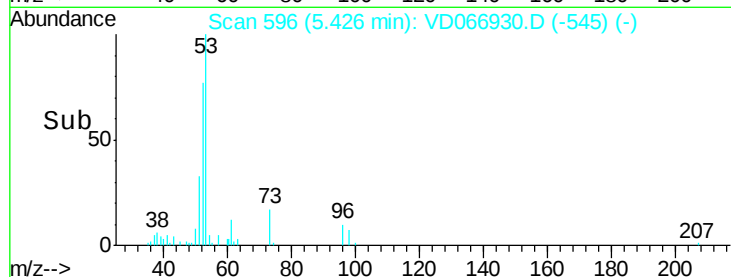
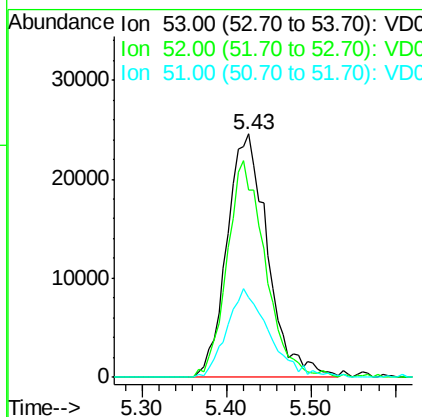
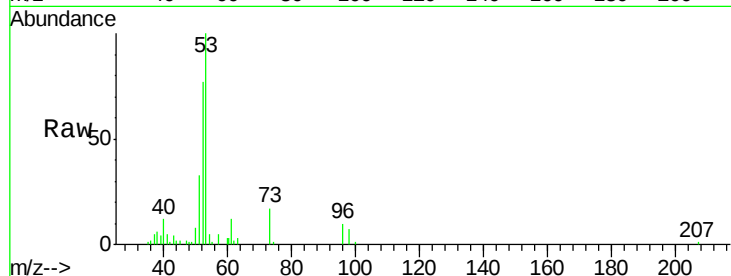
ClientSampleId :

VD0929SBS01

Tot Ion:	53	Resp:	81885
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.2	97.8
51	37.8	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 75.665 ug/l

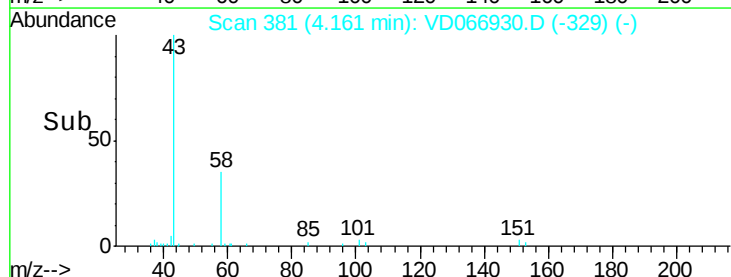
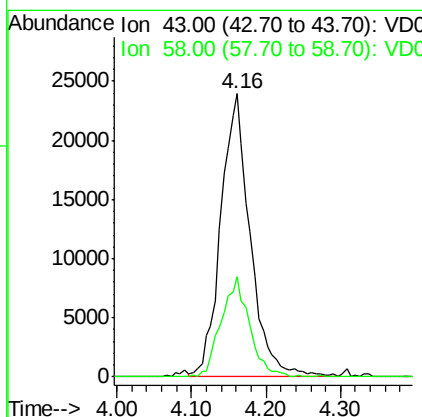
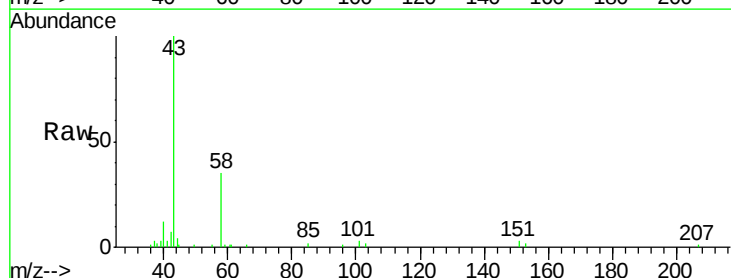
RT: 4.16 min Scan# 381

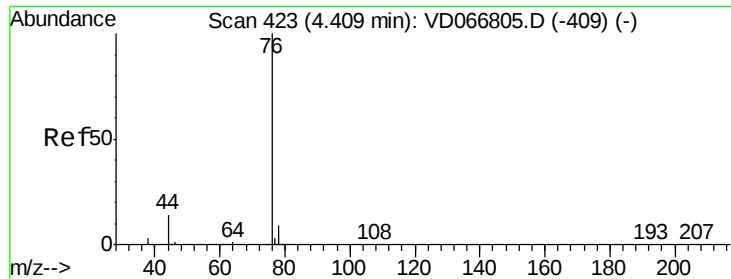
Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion:	43	Resp:	65866
Ion	Ratio	Lower	Upper
43	100		
58	35.4	25.6	38.4





#17

Carbon Disulfide

Concen: 19.490 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 76 Resp: 244627

Ion Ratio Lower Upper

76 100

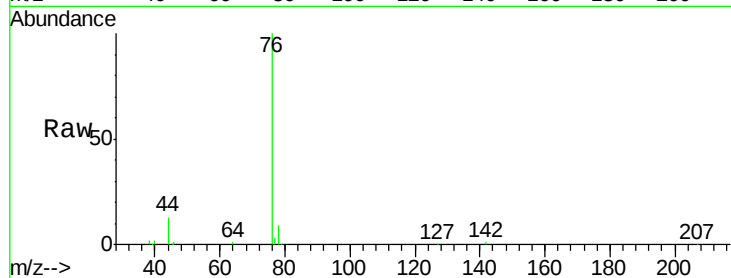
78 8.8 7.6 11.4

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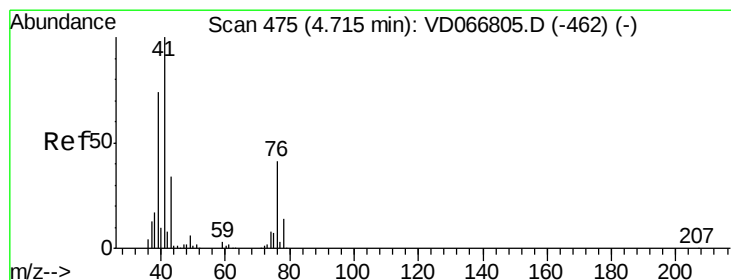
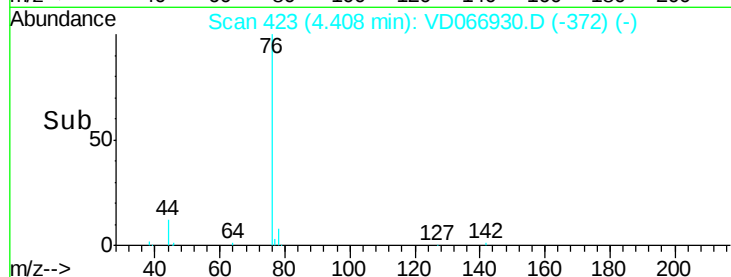
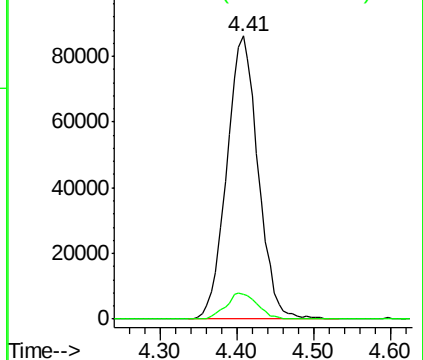
MMDadoda

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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: 17.793 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066930.D

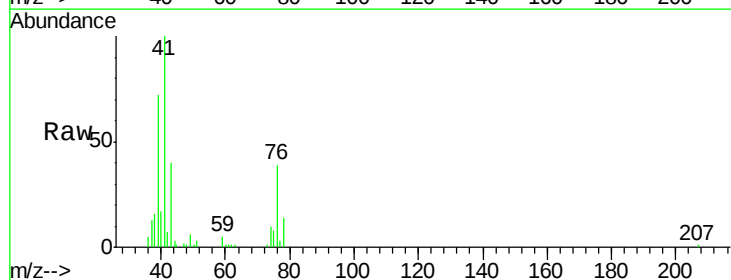
Acq: 29 Sep 2020 11:16

Tgt Ion: 43 Resp: 39098

Ion Ratio Lower Upper

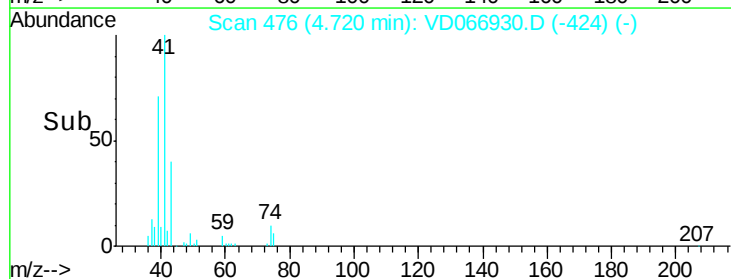
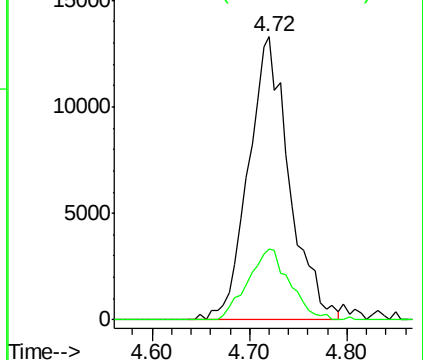
43 100

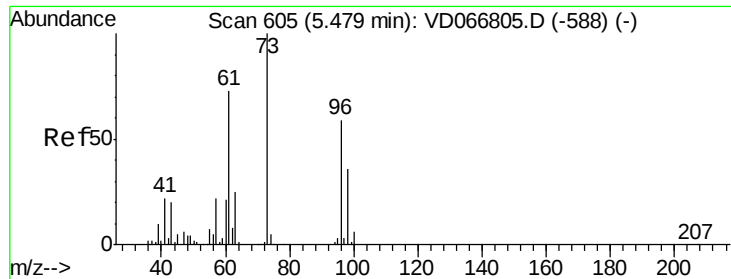
74 25.6 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





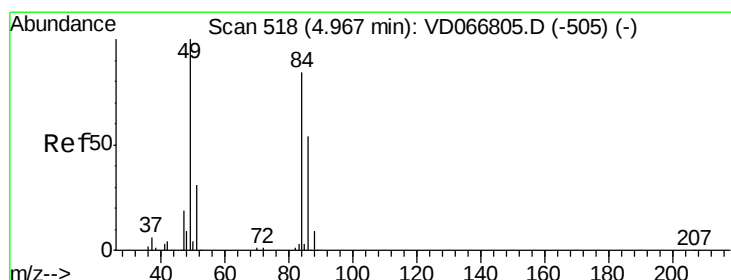
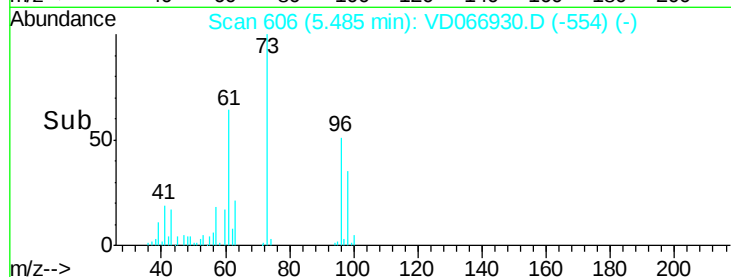
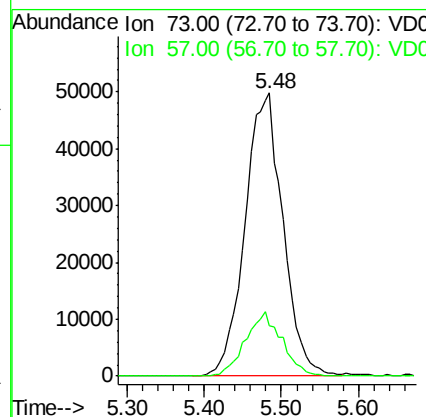
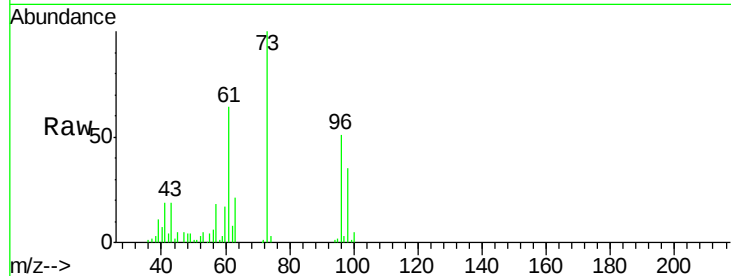
#19
Methvl tert-butvl Ether
Concen: 19.235 ug/l
RT: 5.48 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion: 73 Resp: 171495
Ion Ratio Lower Upper
73 100
57 17.7 17.4 26.2

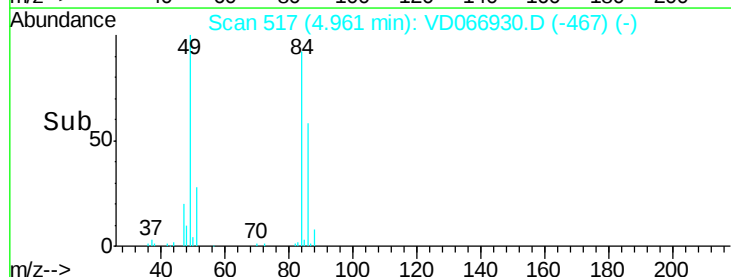
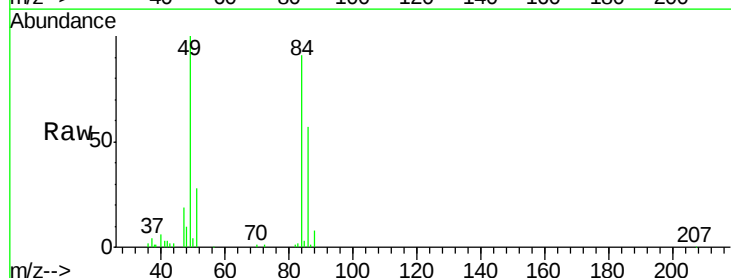
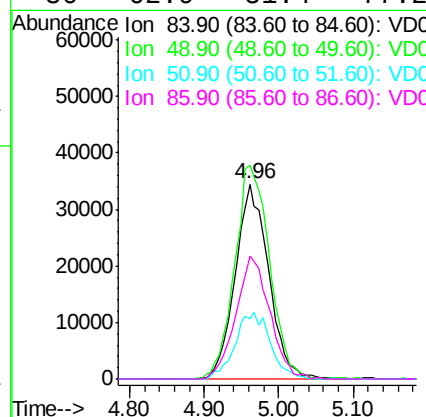
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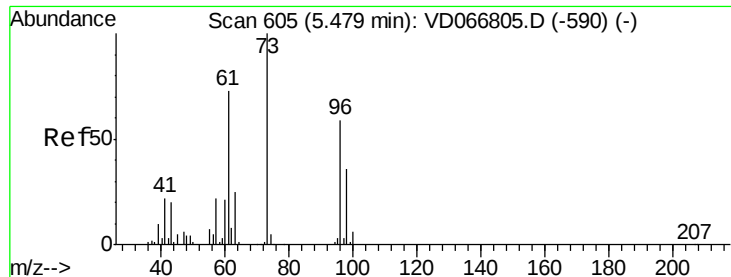
MMDadoda
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#20
Methylene Chloride
Concen: 19.191 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion: 84 Resp: 107011
Ion Ratio Lower Upper
84 100
49 109.8 95.4 143.2
51 30.8 29.7 44.5
86 62.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.139 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

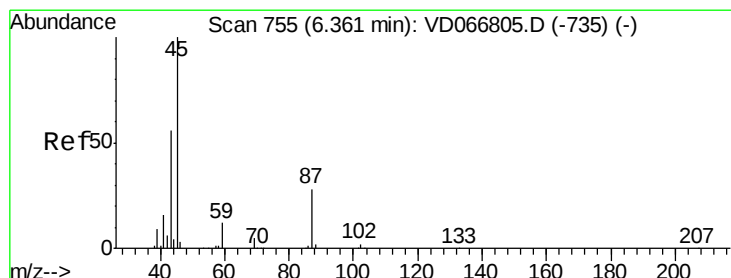
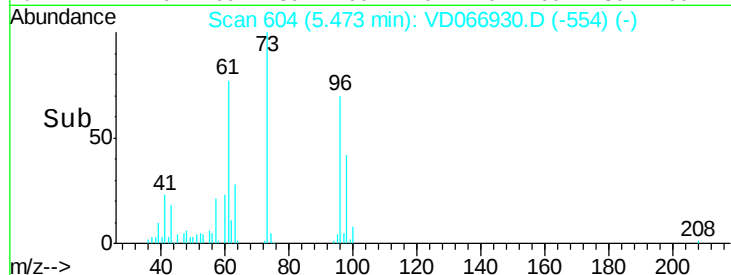
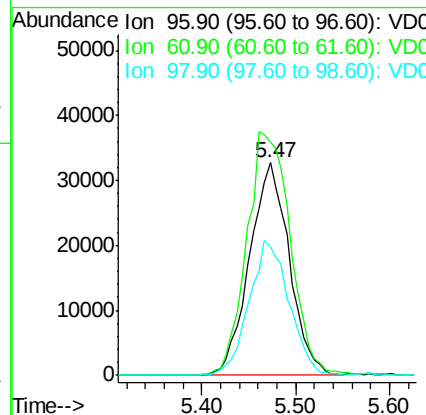
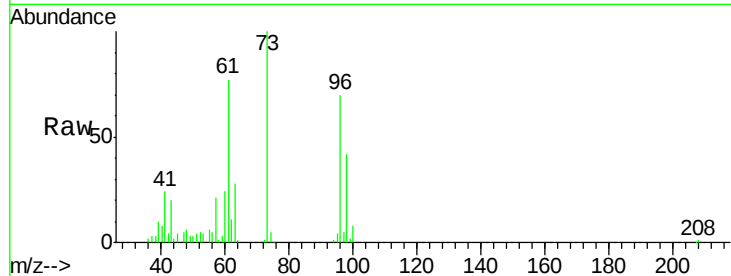
ClientSampleId :

VD0929SBS01

Tot Ion:	96	Resp:	95736
Ion	Ratio	Lower	Upper
96	100		
61	109.6	98.9	148.3
98	60.4	48.4	72.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.889 ug/l

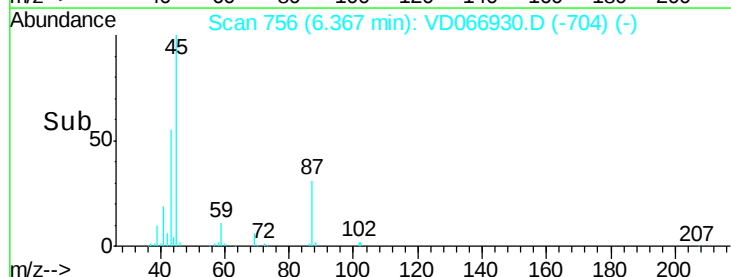
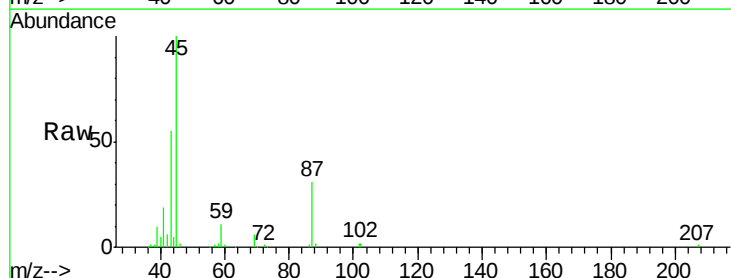
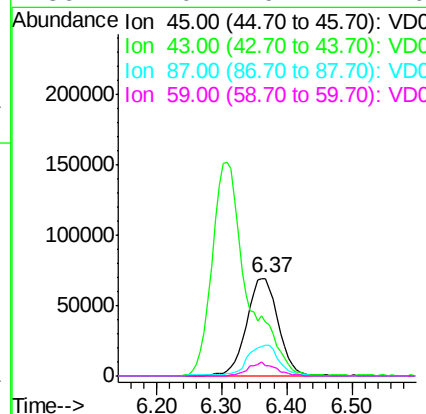
RT: 6.37 min Scan# 756

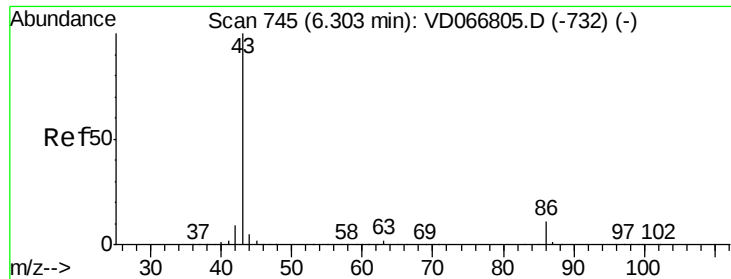
Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion:	45	Resp:	234137
Ion	Ratio	Lower	Upper
45	100		
43	54.1	44.5	66.7
87	30.7	22.9	34.3
59	11.0	9.4	14.0





#23

Vinyl Acetate

Concen: 85.514 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 43 Resp: 563524

Ion Ratio Lower Upper

43 100

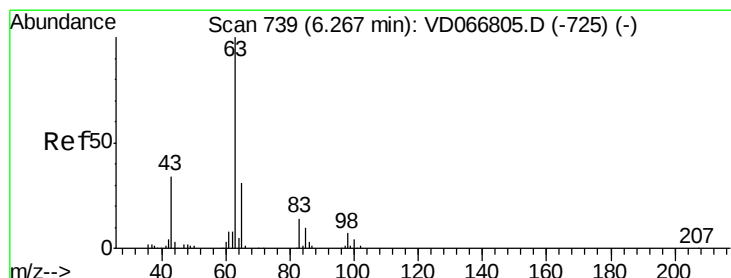
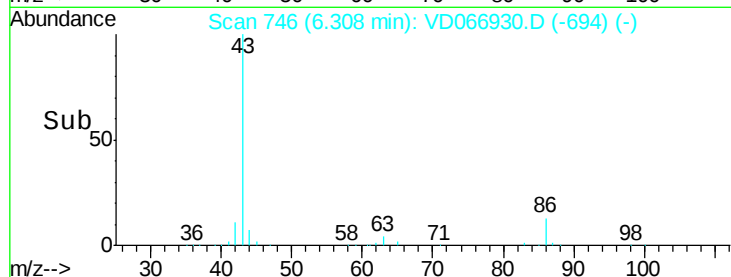
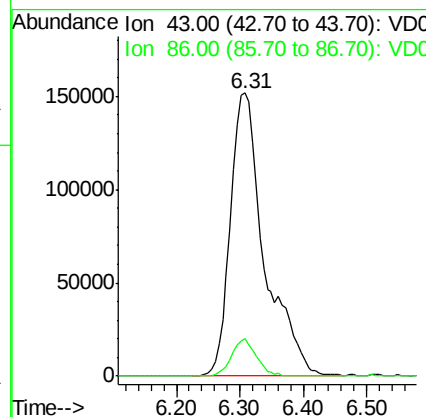
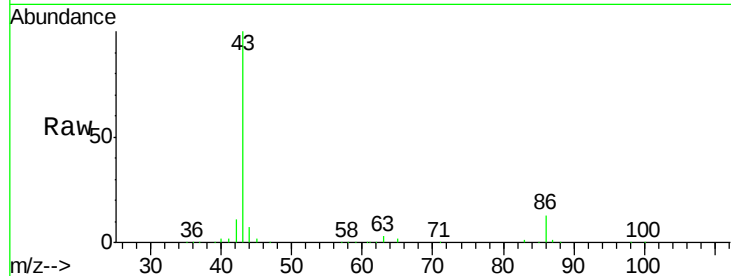
86 13.4 8.9 13.3#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.827 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

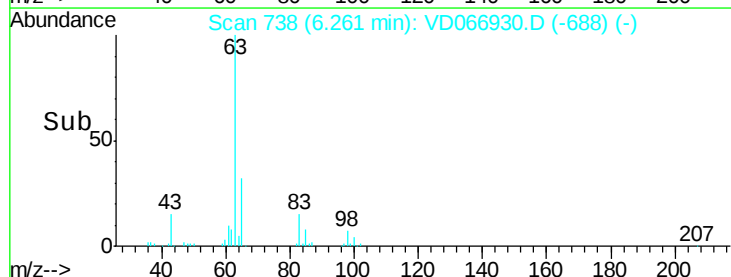
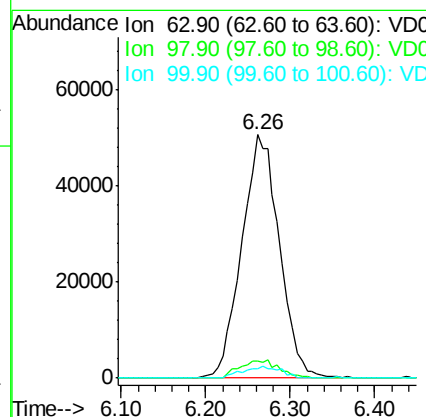
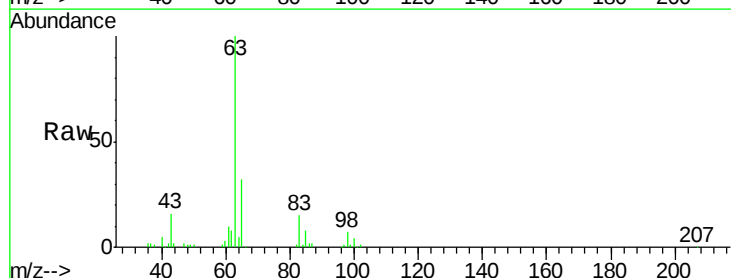
Tgt Ion: 63 Resp: 156115

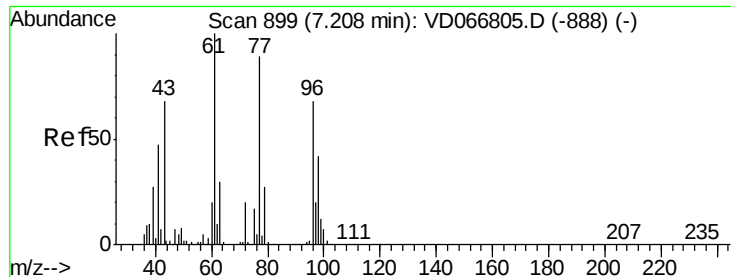
Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

100 4.1 1.8 5.5





#25

2-Butanone

Concen: 90.797 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 43 Resp: 94982

Ion Ratio Lower Upper

43 100

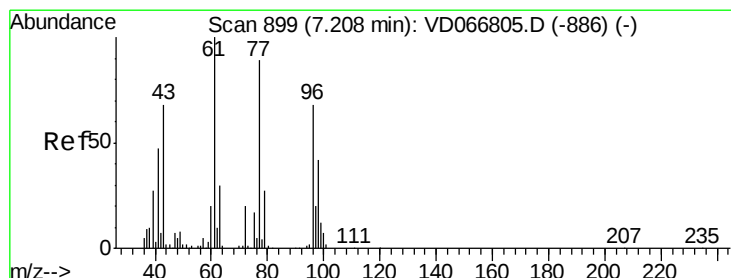
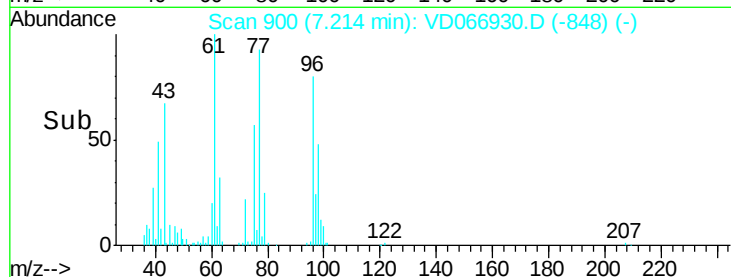
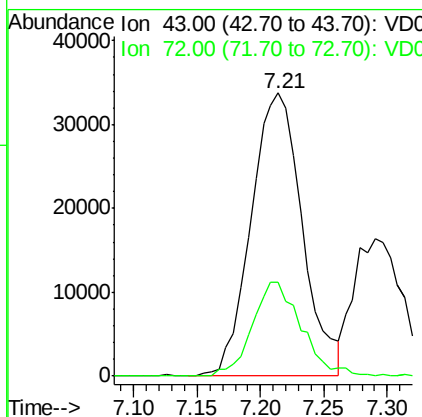
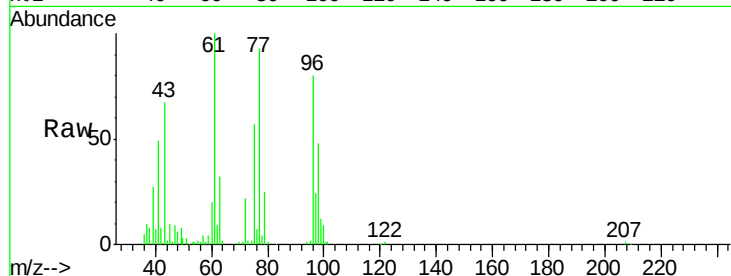
72 33.2 22.9 34.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.599 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066930.D

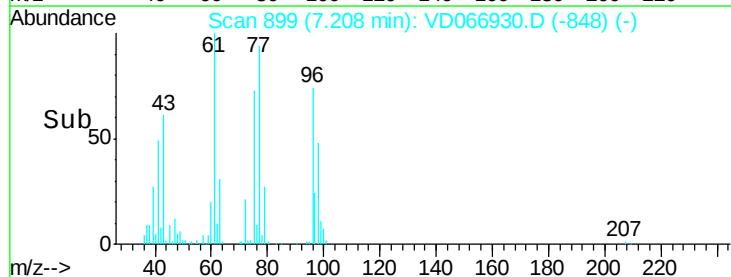
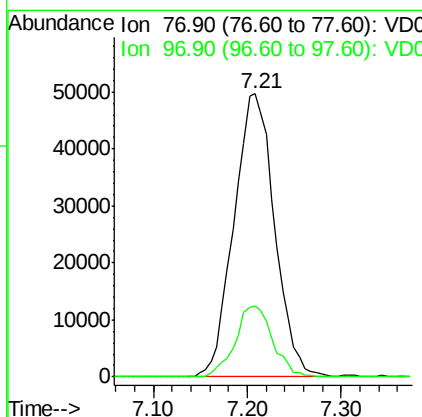
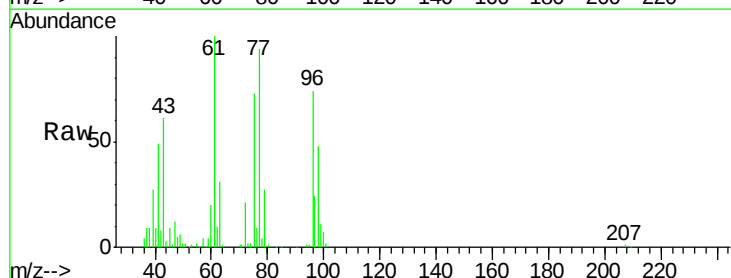
Acq: 29 Sep 2020 11:16

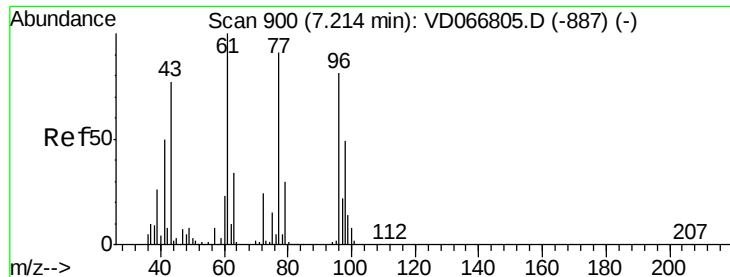
Tgt Ion: 77 Resp: 148957

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1





#27

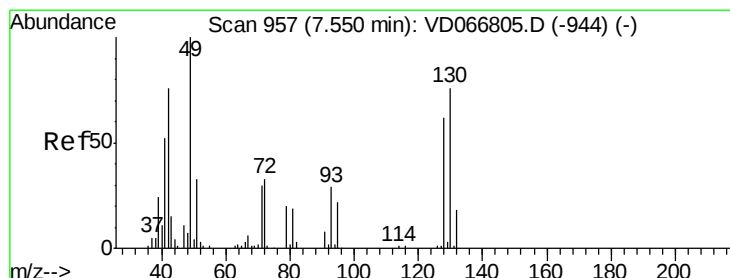
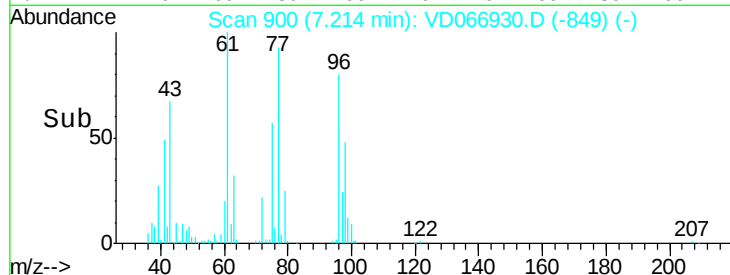
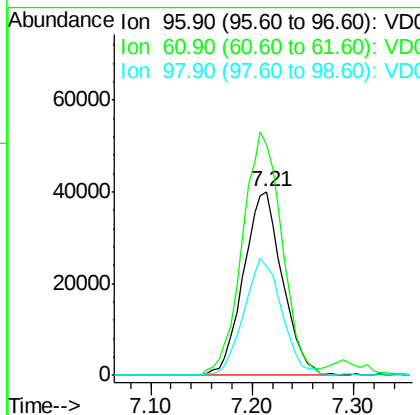
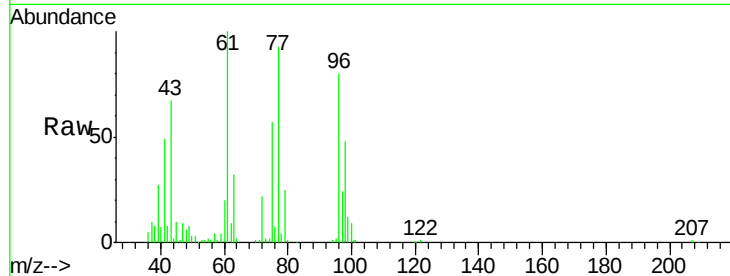
cis-1,2-Dichloroethene
Concen: 20.608 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	135.0	0.0	283.8		
98	62.3	0.0	128.4		

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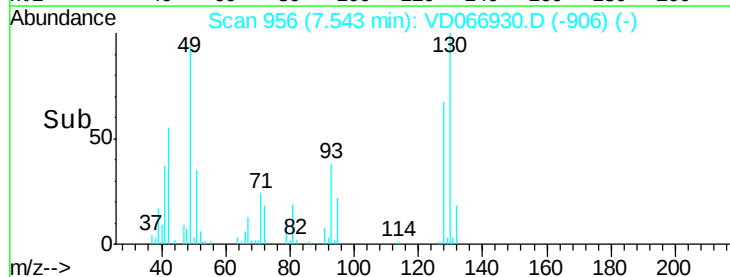
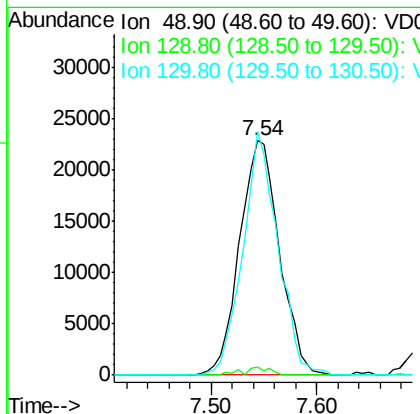
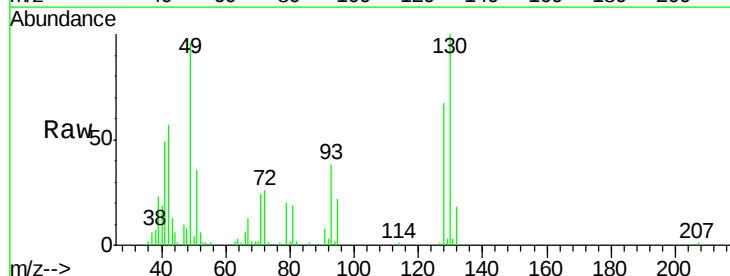
MMDadoda
9/30/2020 1:21:56 PM

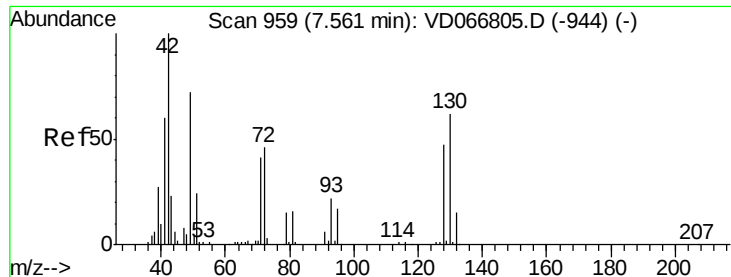


#28

Bromochloromethane
Concen: 17.481 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	1.7	0.0	2.0		
130	91.2	65.9	98.9		





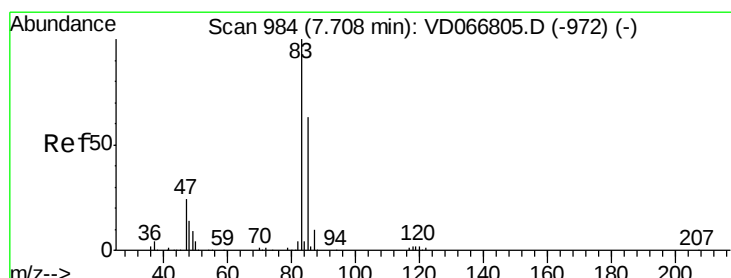
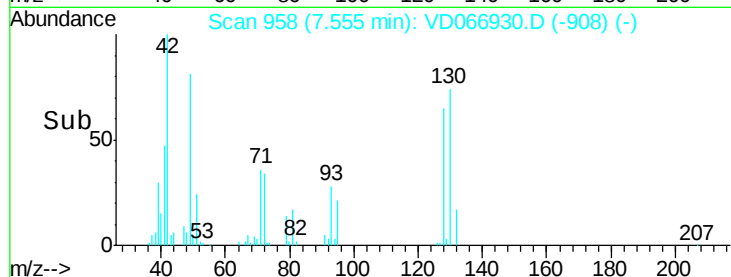
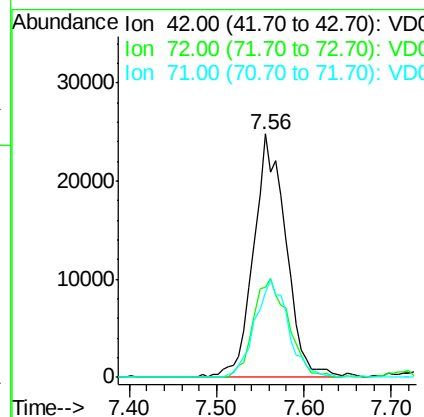
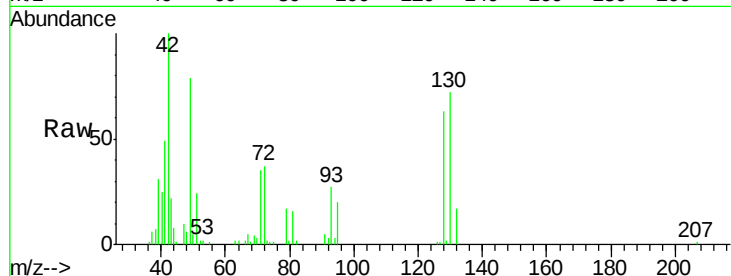
#29
Tetrahydrofuran
Concen: 93.173 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	36.2	54.4
71	41.4	32.4	48.6

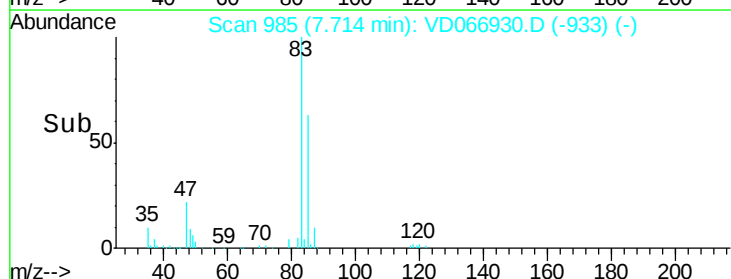
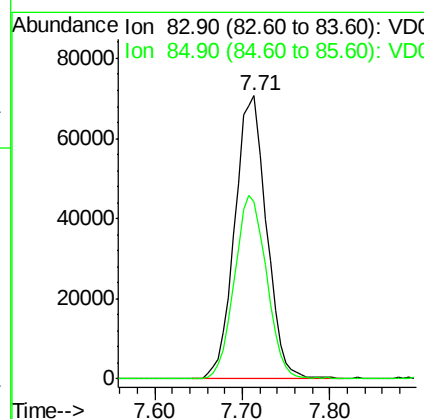
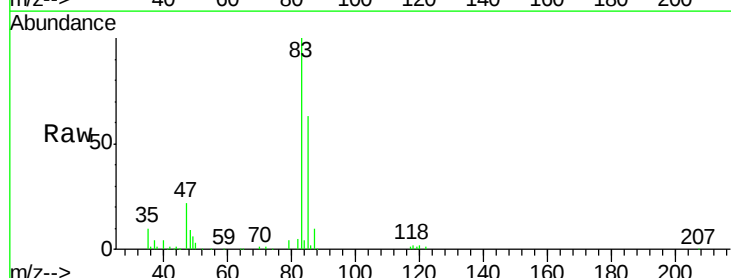
Manual Integrations
APPROVED

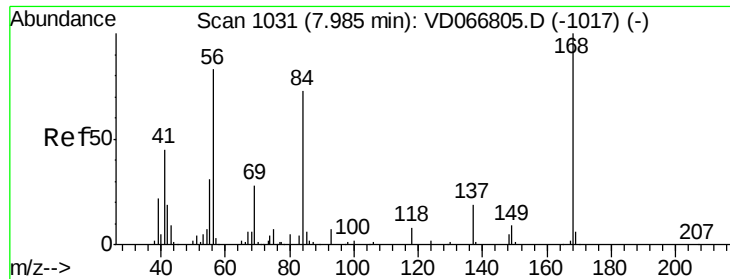
MMDadoda
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#30
Chloroform
Concen: 19.460 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.6	75.8





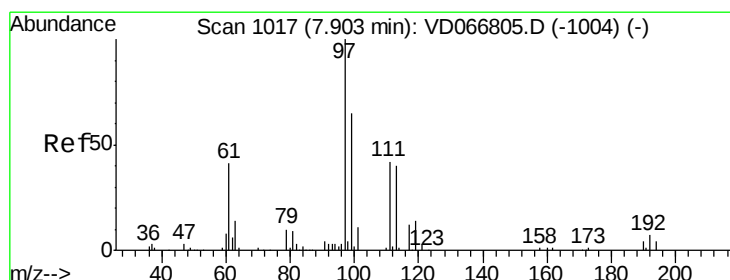
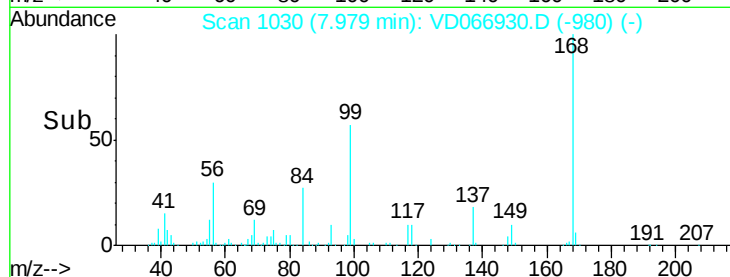
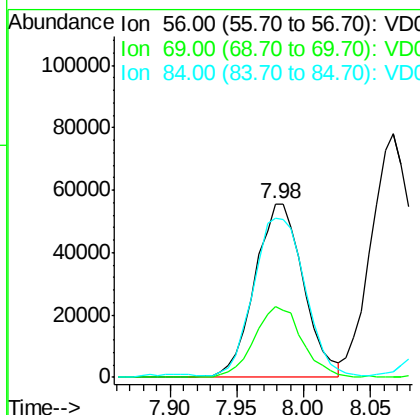
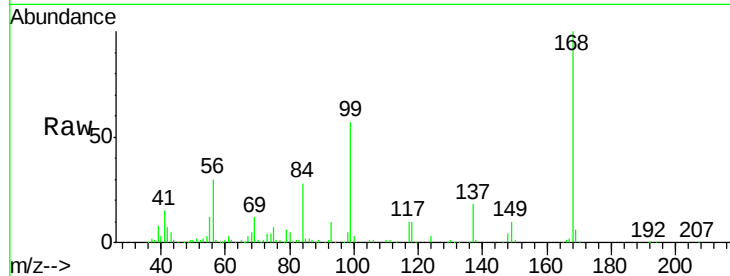
#31
Cyclohexane
Concen: 18.865 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.1	27.0	40.4#
84	90.2	70.2	105.4

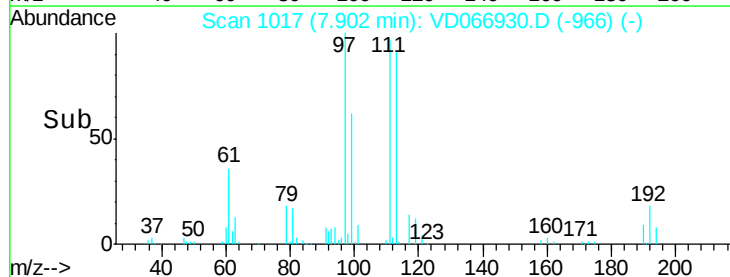
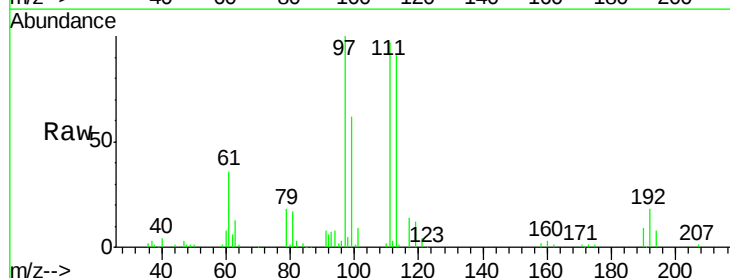
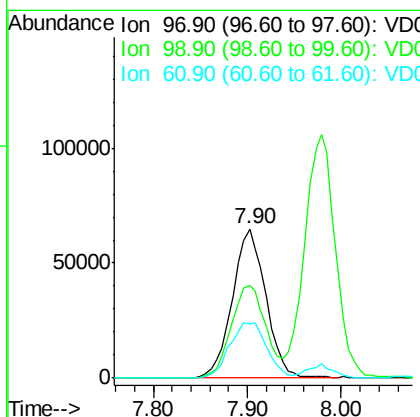
Manual Integrations
APPROVED

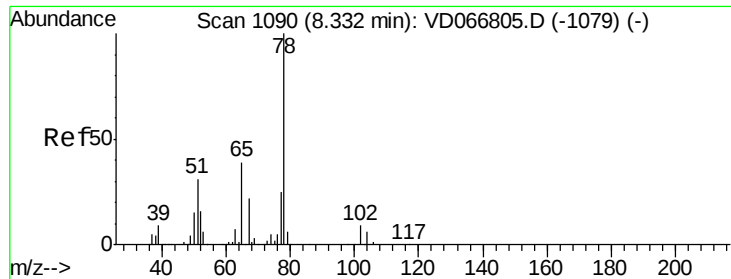
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.830 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.5	77.3
61	41.0	34.2	51.4





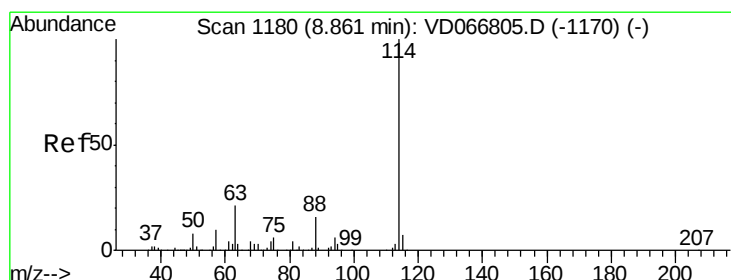
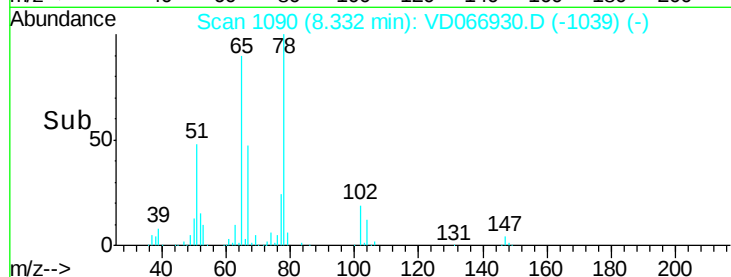
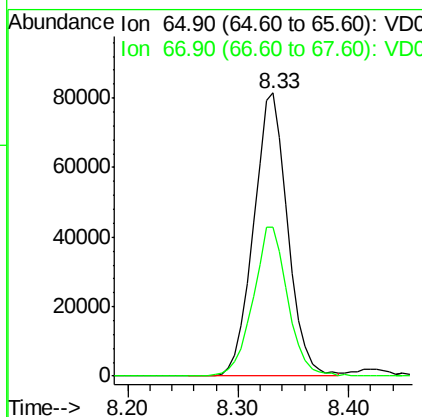
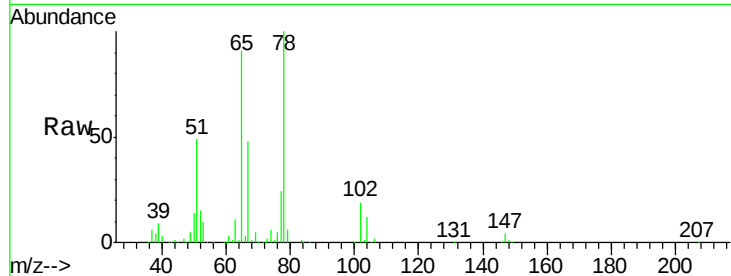
#33
 1,2-Dichloroethane-d4
 Concen: 42.858 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	175867		
67	53.8	0.0	107.2	

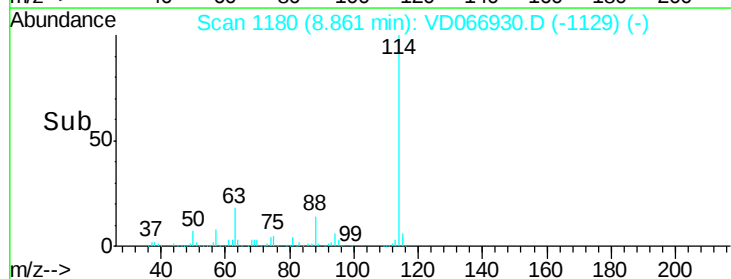
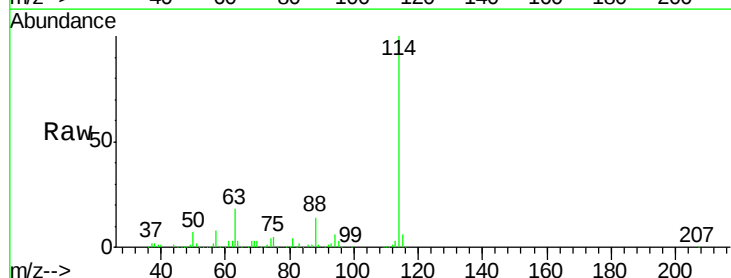
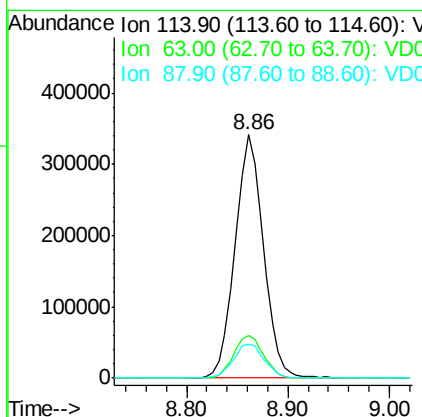
Manual Integrations
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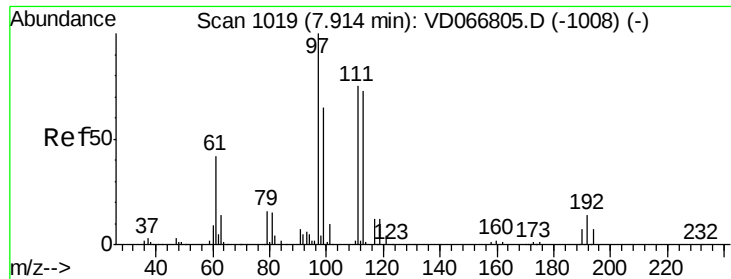
MMDadoda
 9/30/2020 1:21:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	663635		
63	17.6	0.0	42.6	
88	13.8	0.0	32.6	





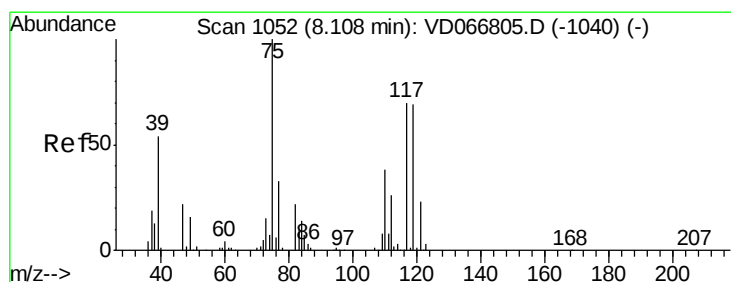
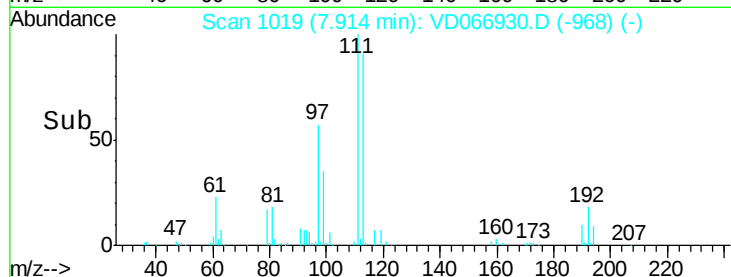
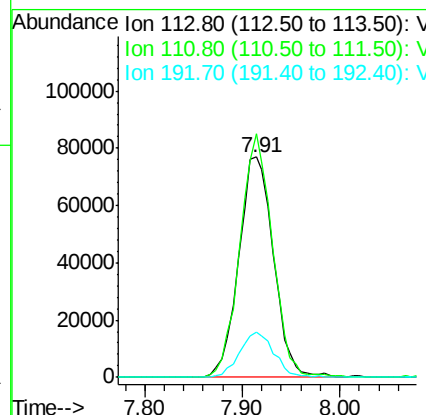
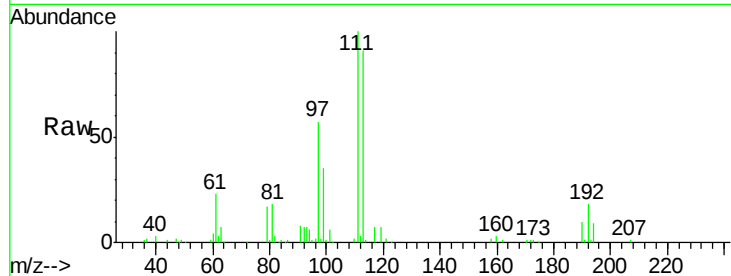
#35
Dibromofluoromethane
Concen: 45.108 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	190446		
111	103.3	81.8	122.8	
192	20.3	14.4	21.6	

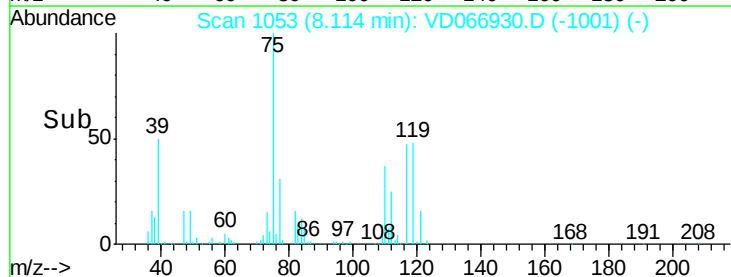
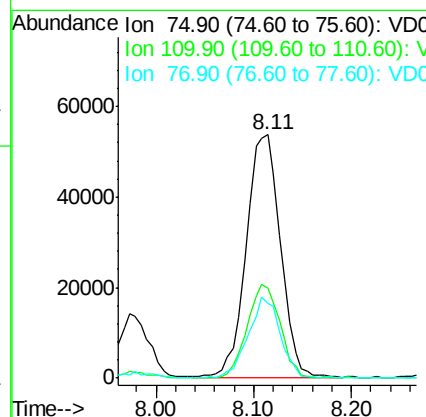
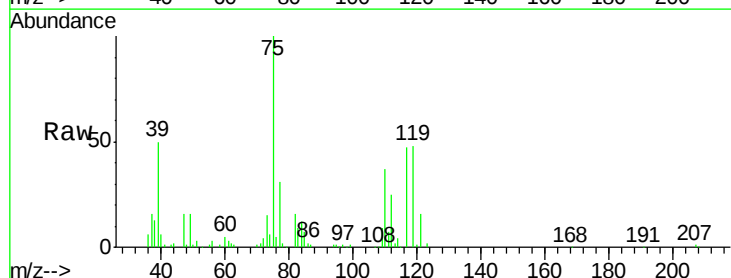
Manual Integrations
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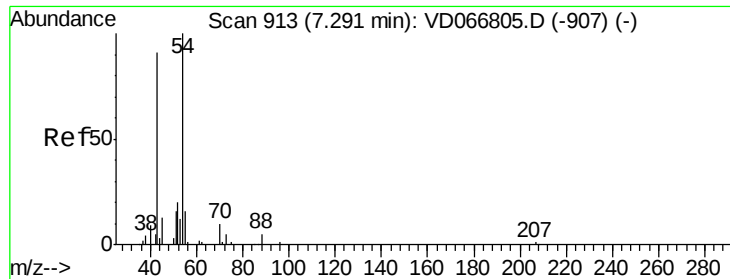
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#36
1,1-Dichloropropene
Concen: 20.076 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	132175		
110	36.9	17.9	53.8	
77	31.1	25.0	37.6	





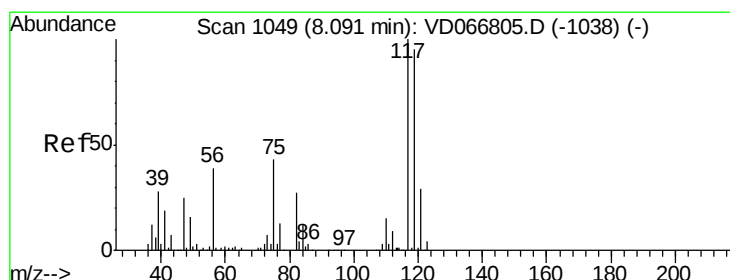
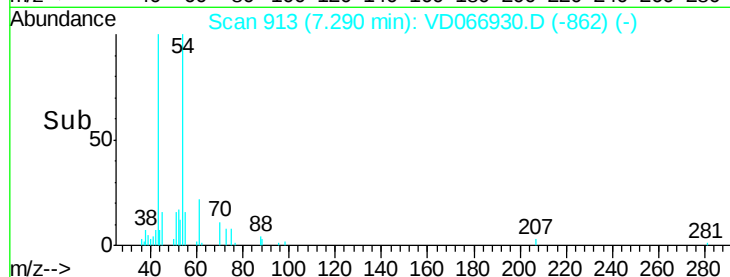
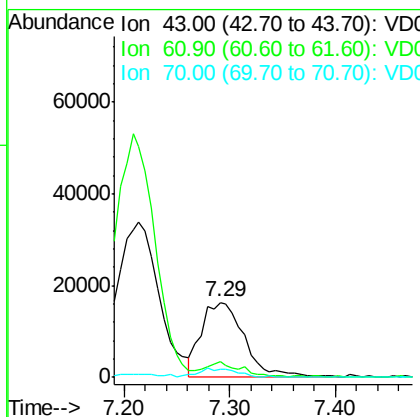
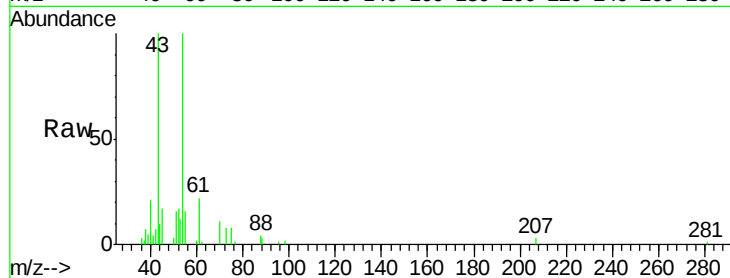
#37
Ethyl Acetate
Concen: 19.435 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	9.8	14.8#
70	10.7	8.5	12.7

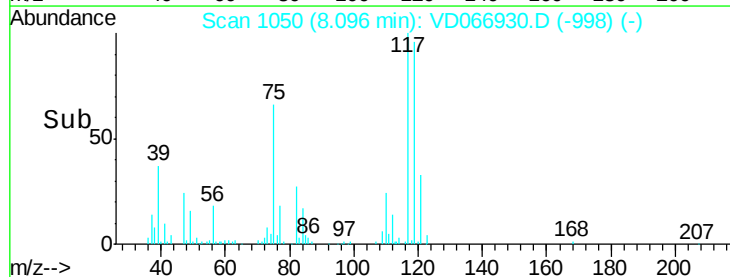
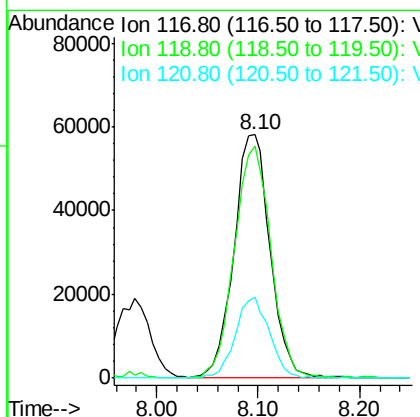
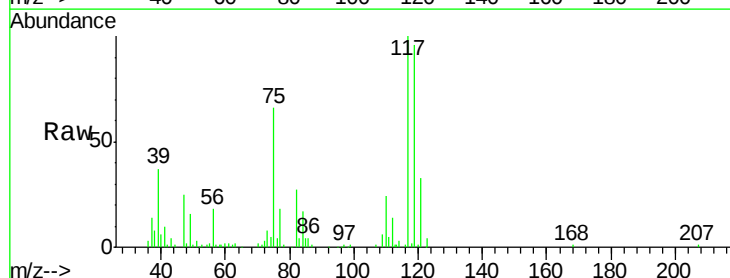
Manual Integrations
APPROVED

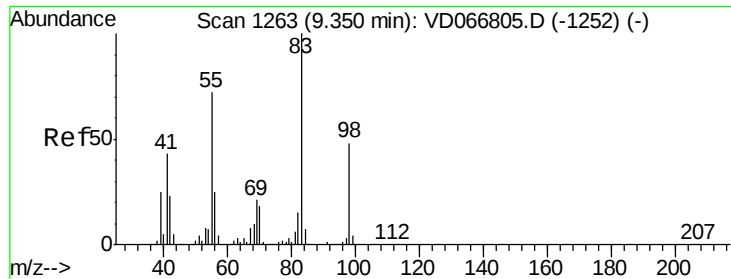
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.808 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
121	33.6	23.4	35.0





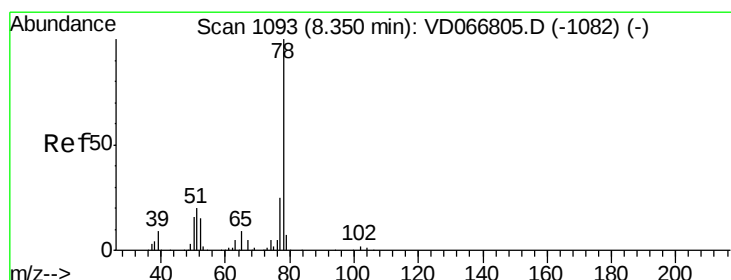
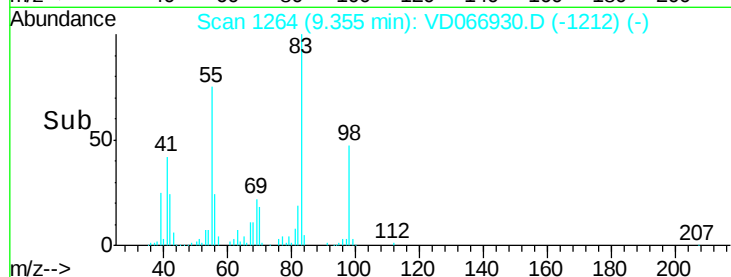
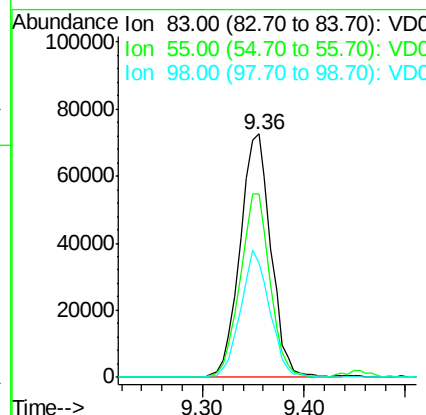
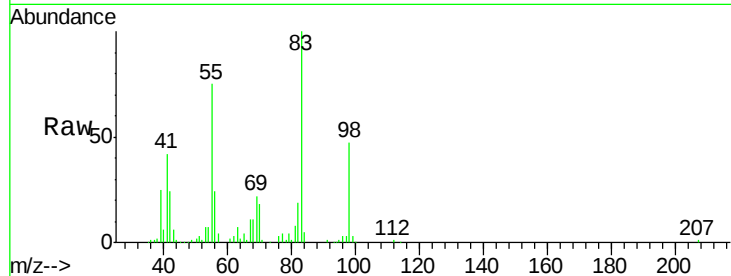
#39
Methvlcvclohexane
Concen: 20.299 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	57.7	86.5
98	47.1	38.4	57.6

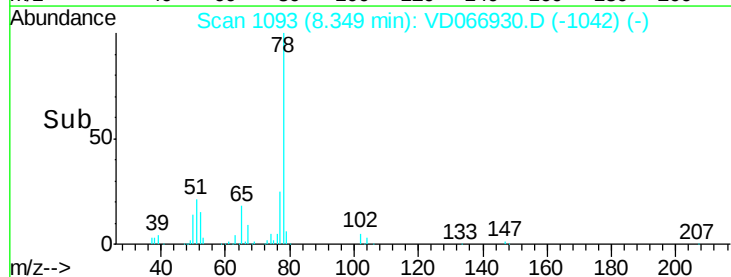
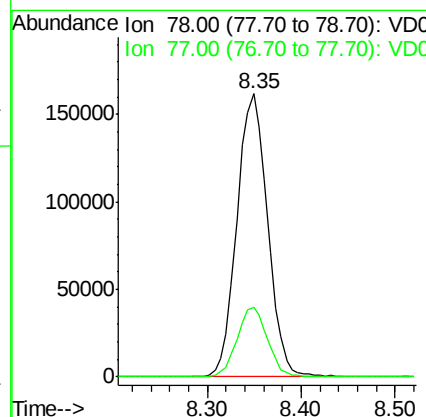
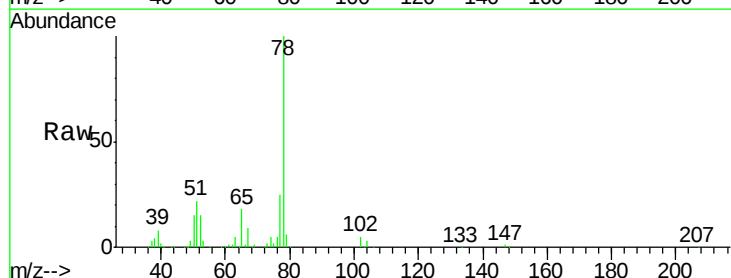
Manual Integrations
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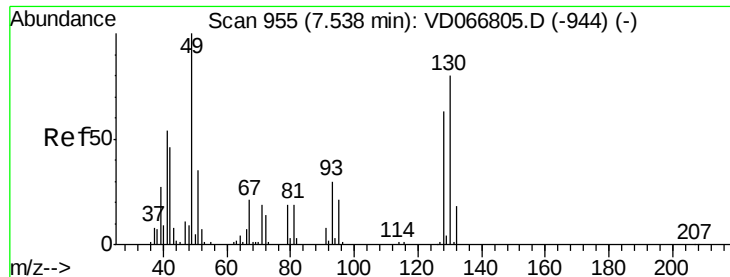
MMDadoda
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#40
Benzene
Concen: 19.999 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.9	29.9





#41

Methacrylonitrile

Concen: 18.678 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 41 Resp: 27339

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

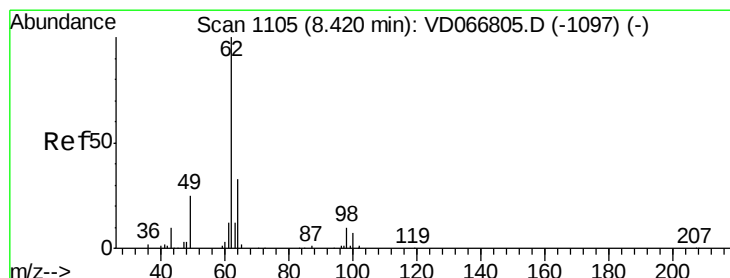
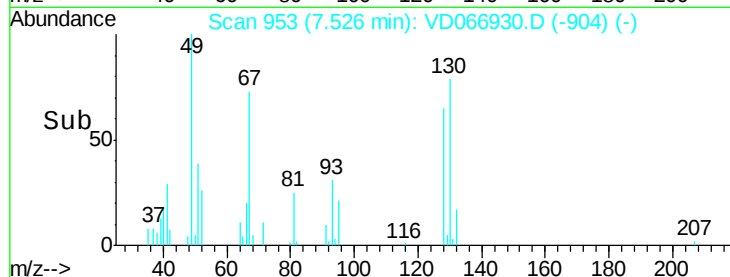
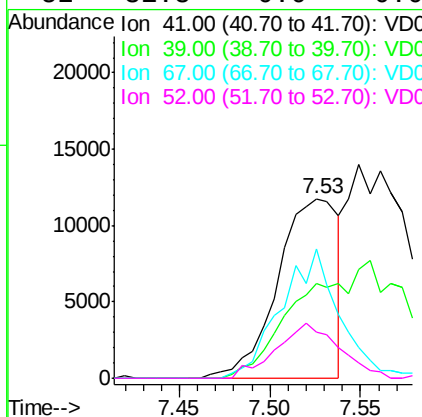
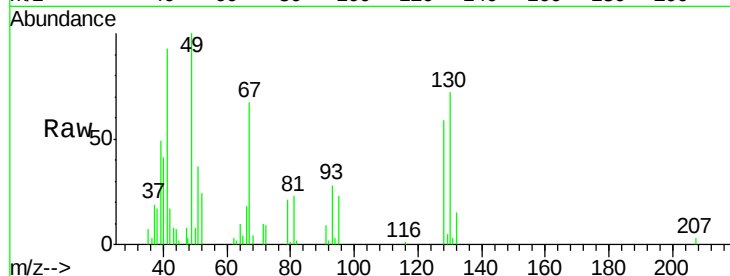
67 70.5 0.0 0.0#

52 31.8 0.0 0.0#

Manual Integrations
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9/30/2020 1:21:56 PM



#42

1,2-Dichloroethane

Concen: 19.335 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066930.D

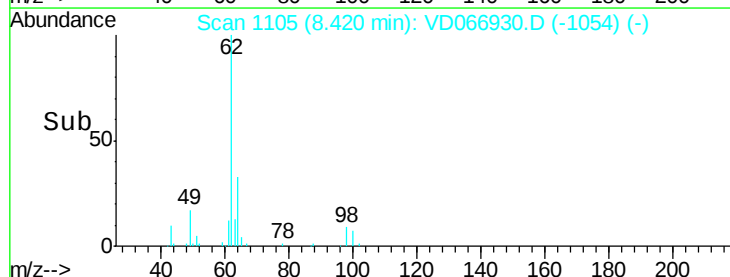
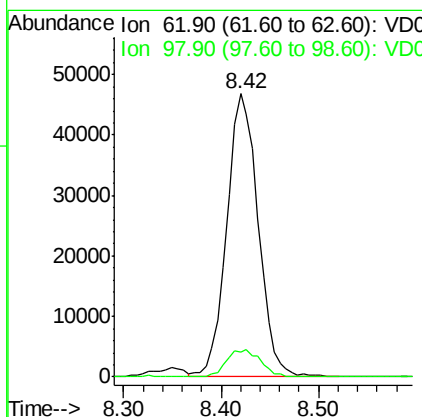
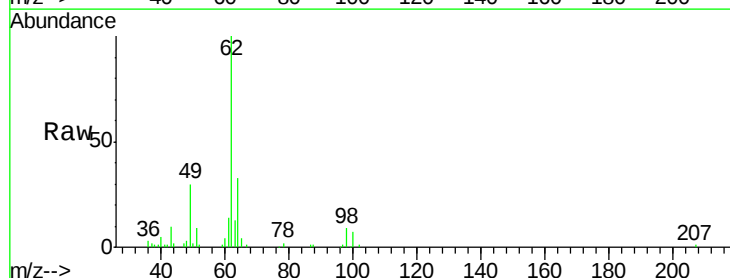
Acq: 29 Sep 2020 11:16

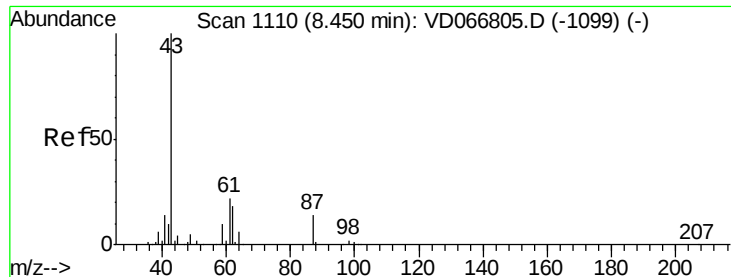
Tgt Ion: 62 Resp: 104880

Ion Ratio Lower Upper

62 100

98 10.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.545 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

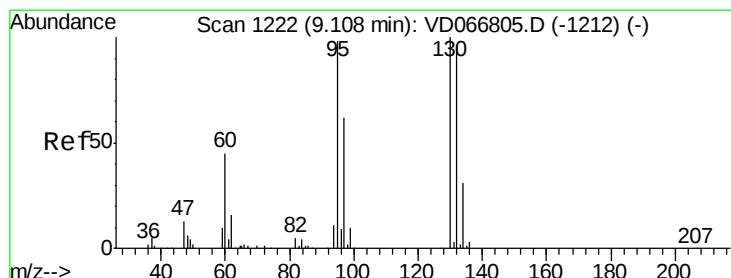
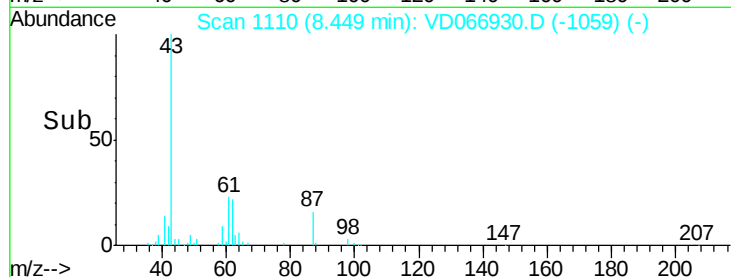
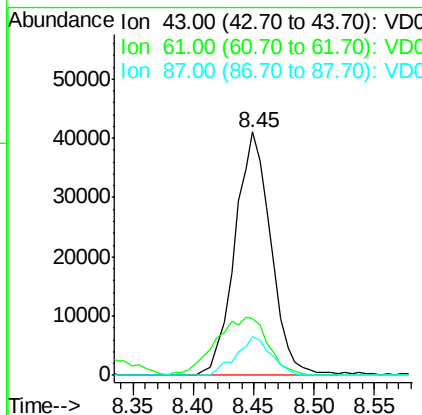
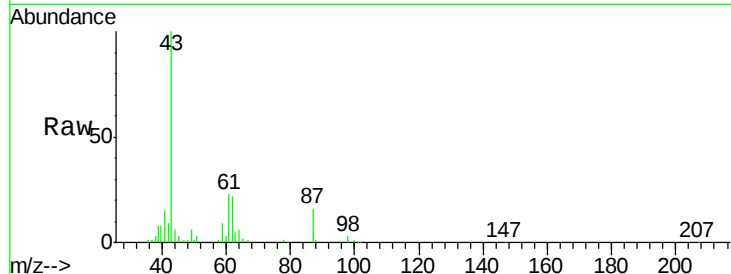
ClientSampleId :

VD0929SBS01

Tot Ion:	43	Resp:	85098
Ion	Ratio	Lower	Upper
43	100		
61	34.7	26.2	39.4
87	15.5	11.5	17.3

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#44

Trichloroethene

Concen: 20.218 ug/l

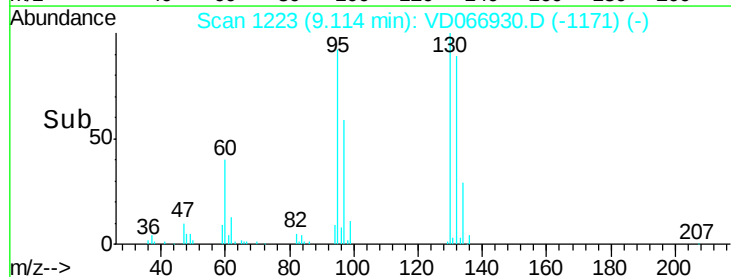
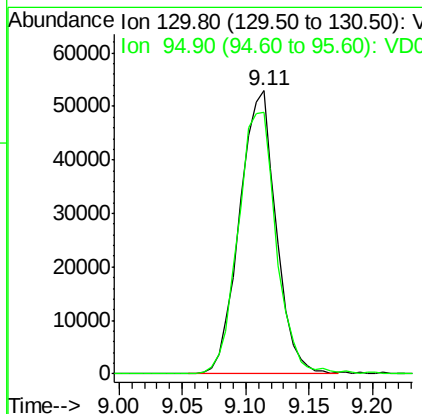
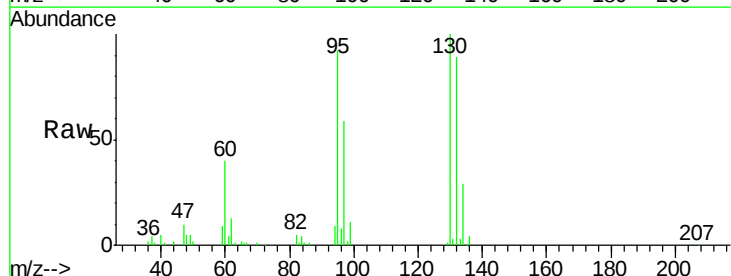
RT: 9.11 min Scan# 1223

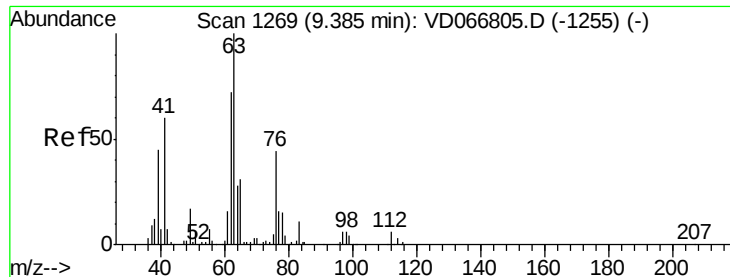
Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion:	130	Resp:	105739
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	197.0





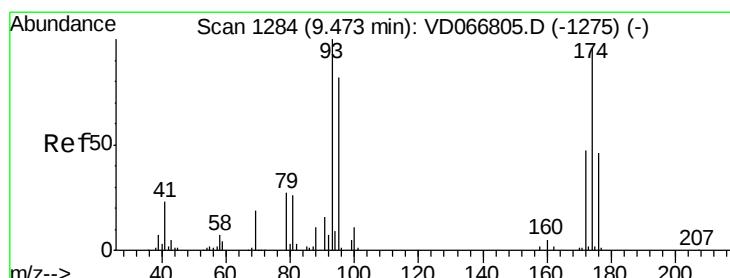
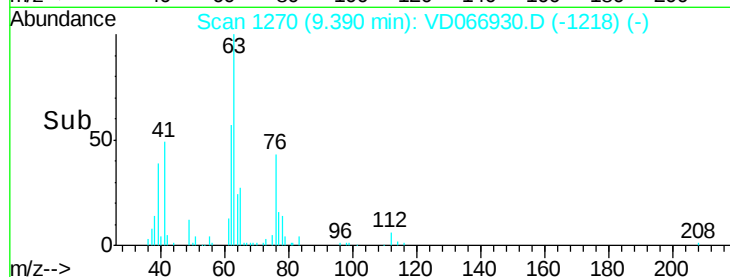
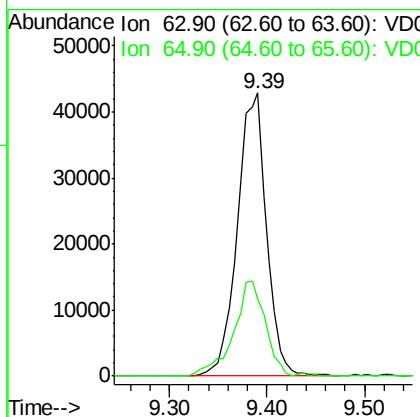
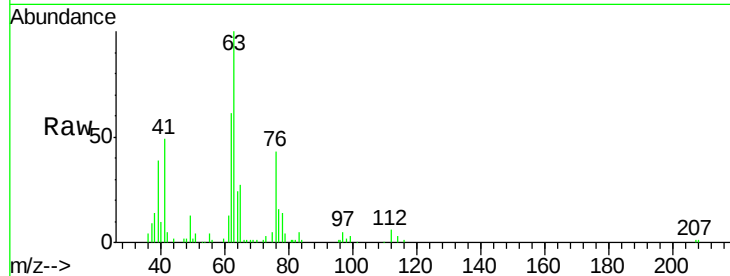
#45
 1,2-Dichloropropane
 Concen: 19.353 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion: 63 Resp: 89345
 Ion Ratio Lower Upper
 63 100
 65 27.1 24.7 37.1

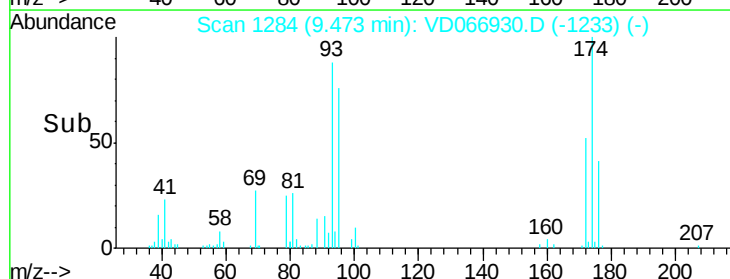
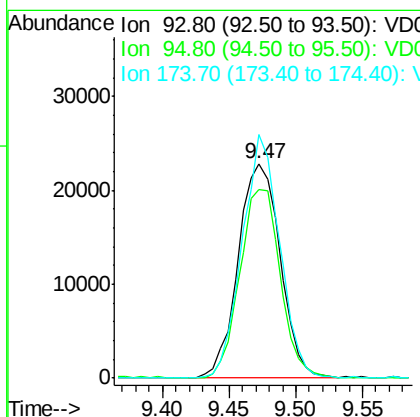
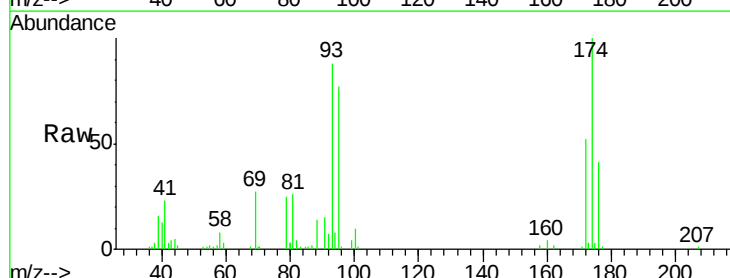
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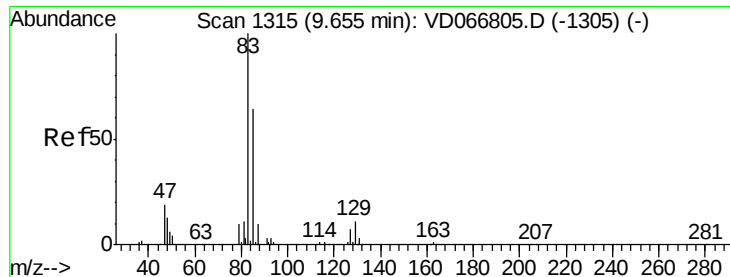
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#46
 Dibromomethane
 Concen: 19.864 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion: 93 Resp: 49824
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.3 97.9
 174 100.9 75.4 113.2





#47

Bromodichloromethane

Concen: 19.436 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

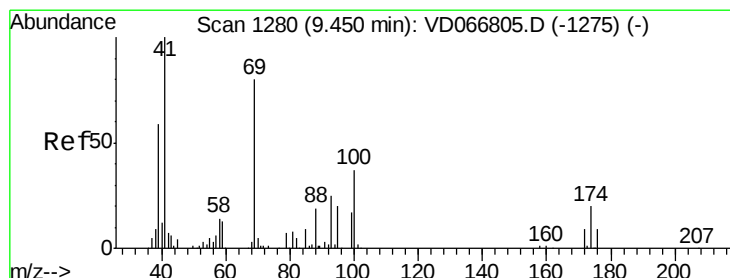
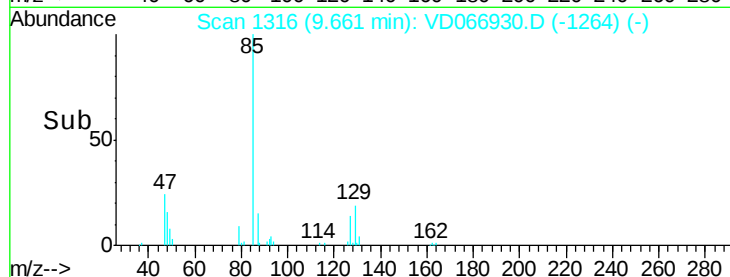
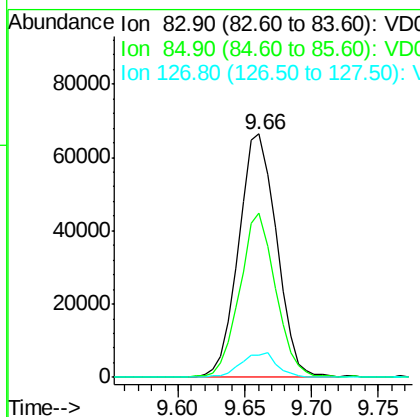
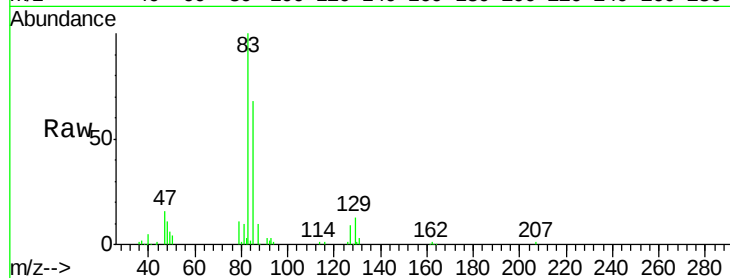
ClientSampleId :

VD0929SBSD01

Tot Ion:	83	Resp:	130964
Ion	Ratio	Lower	Upper
83	100		
85	67.7	50.9	76.3
127	9.3	5.9	8.9#

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#48

Methyl methacrylate

Concen: 19.959 ug/l

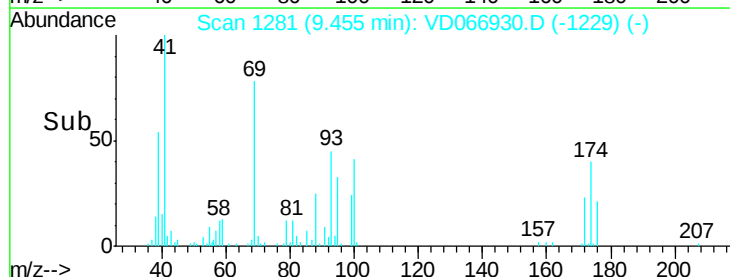
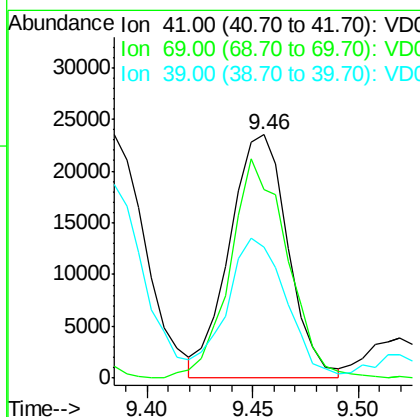
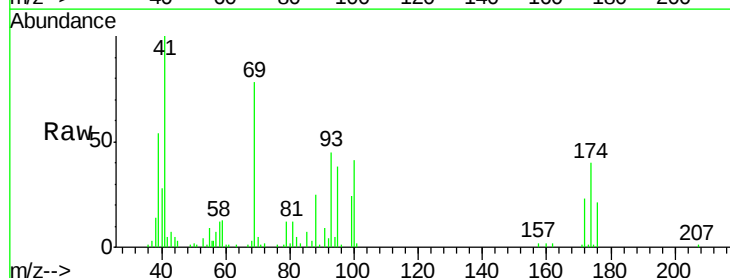
RT: 9.46 min Scan# 1281

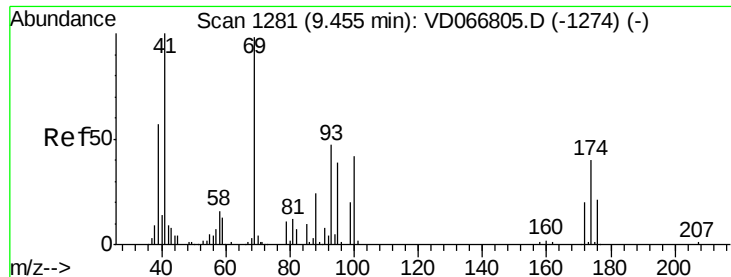
Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion:	41	Resp:	45156
Ion	Ratio	Lower	Upper
41	100		
69	88.7	74.5	111.7
39	54.6	47.0	70.6





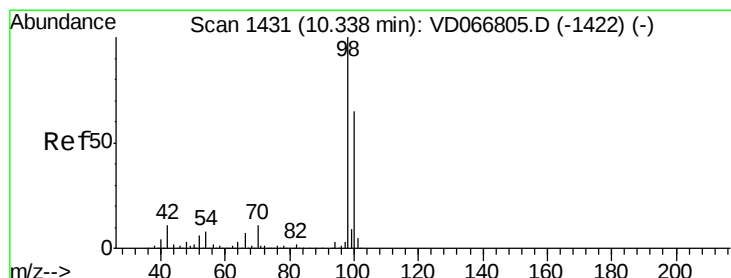
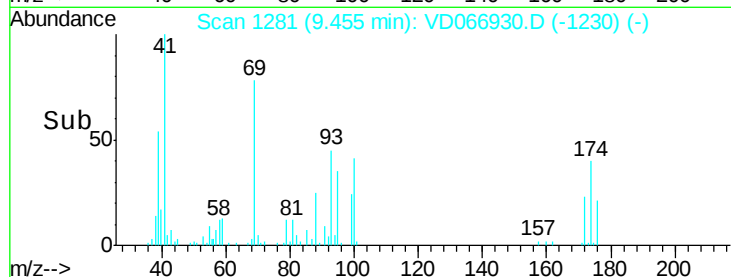
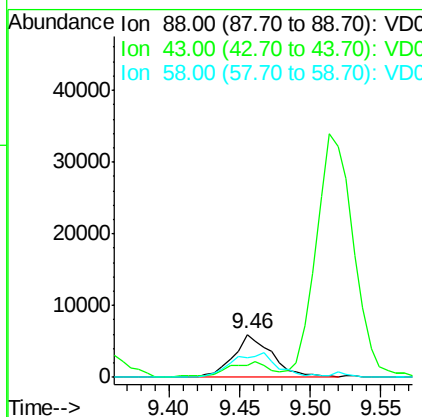
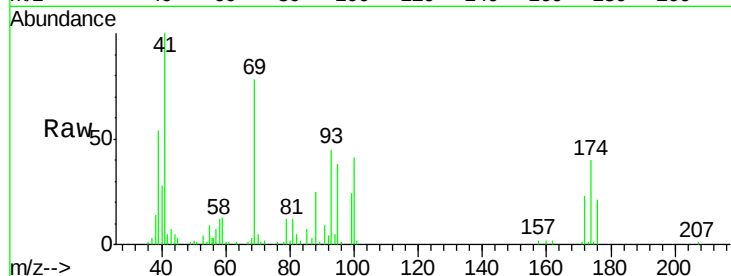
#49
1,4-Dioxane
Concen: 337.270 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	88	Resp	11550
Ion	Ratio	Lower	Upper
88	100		
43	39.4	27.7	41.5
58	65.8	55.5	83.3

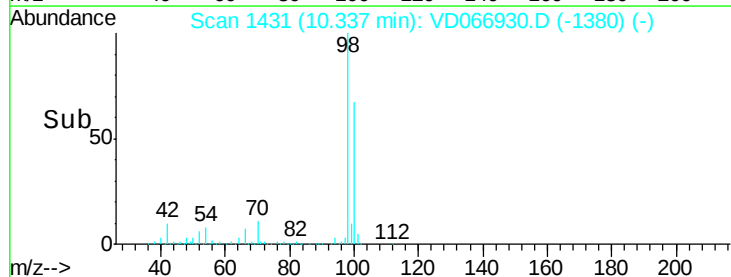
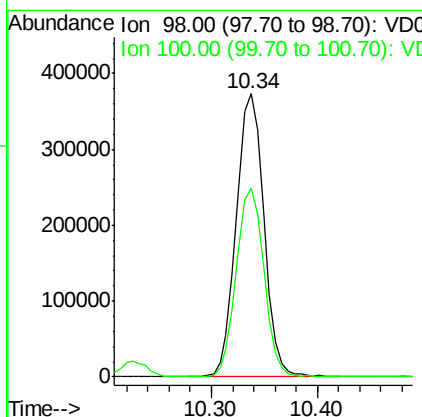
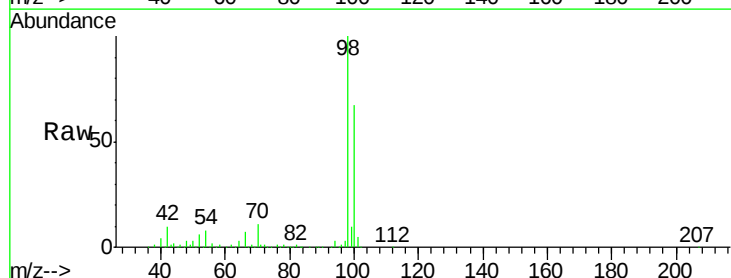
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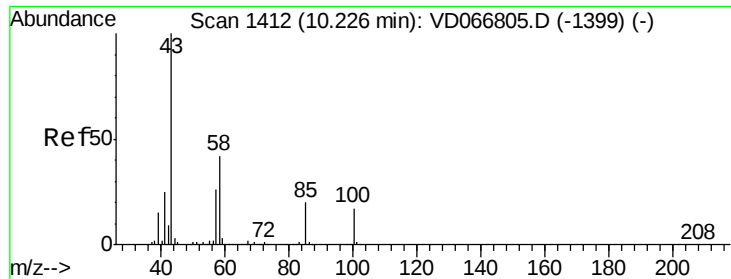
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#50
Toluene-d8
Concen: 47.100 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	98	Resp	677550
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 95.370 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 43 Resp: 221746

Ion Ratio Lower Upper

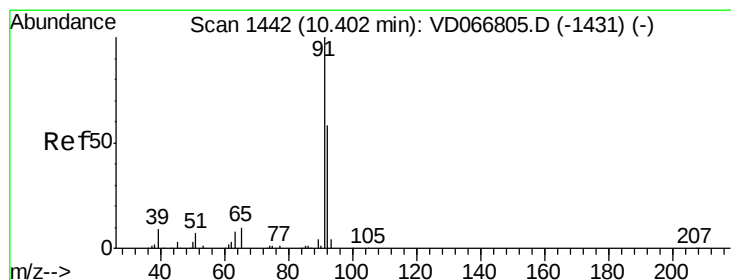
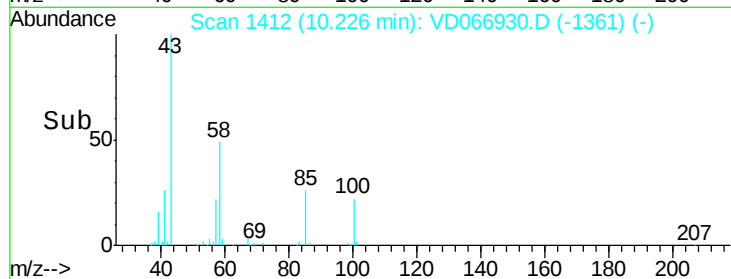
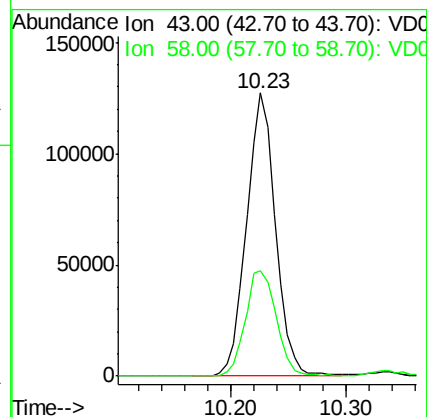
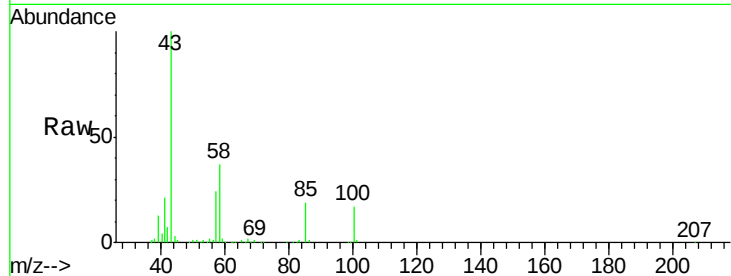
43 100

58 40.1 32.2 48.4

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#52

Toluene

Concen: 20.767 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066930.D

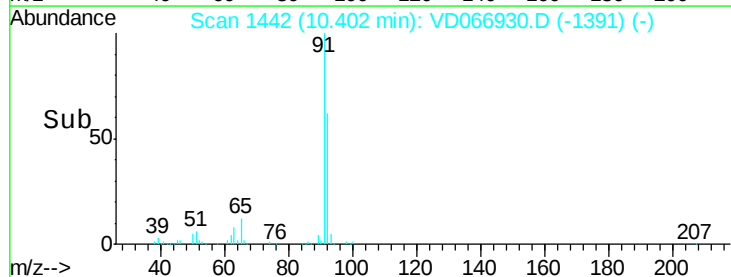
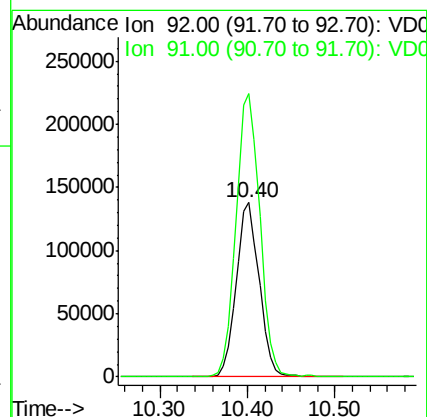
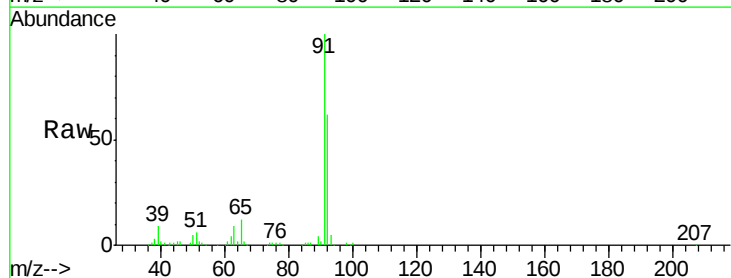
Acq: 29 Sep 2020 11:16

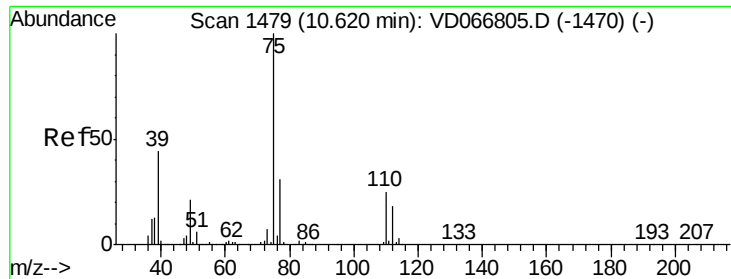
Tgt Ion: 92 Resp: 245448

Ion Ratio Lower Upper

92 100

91 168.5 134.6 202.0





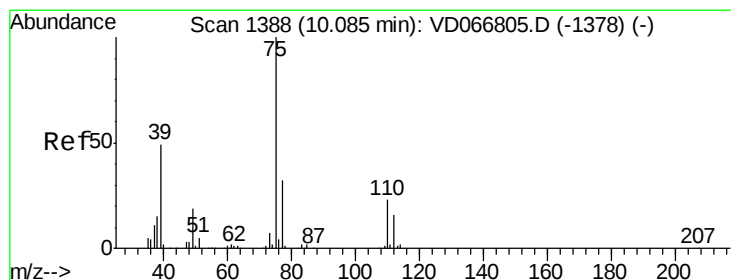
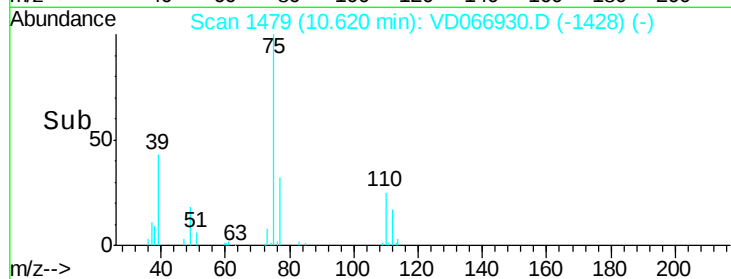
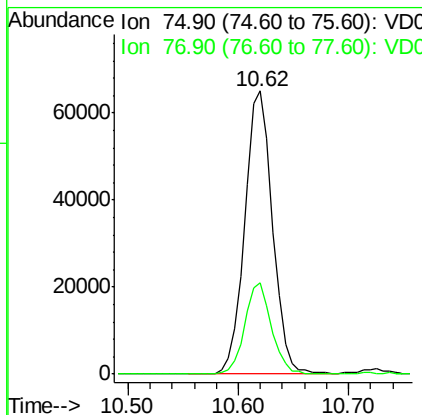
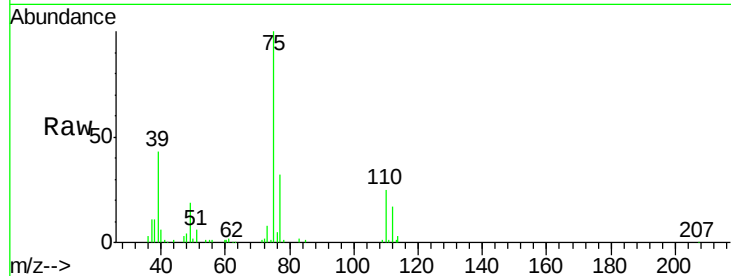
#53
t-1,3-Dichloropropene
Concen: 20.084 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion: 75 Resp: 115186
Ion Ratio Lower Upper
75 100
77 32.1 24.5 36.7

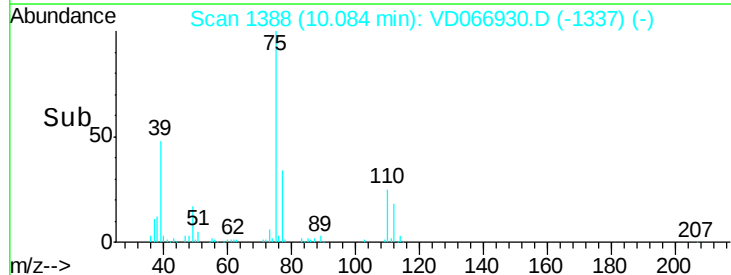
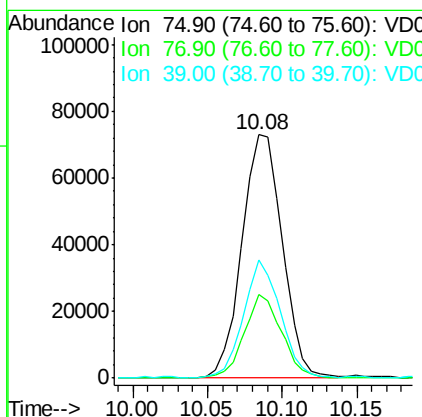
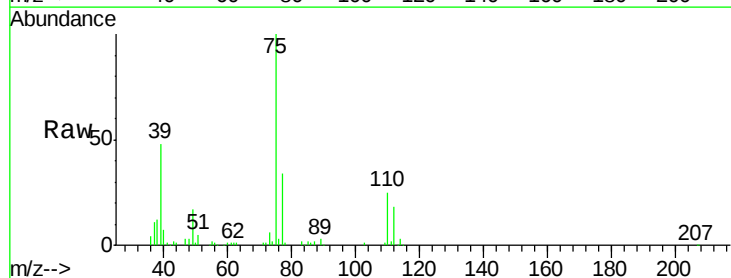
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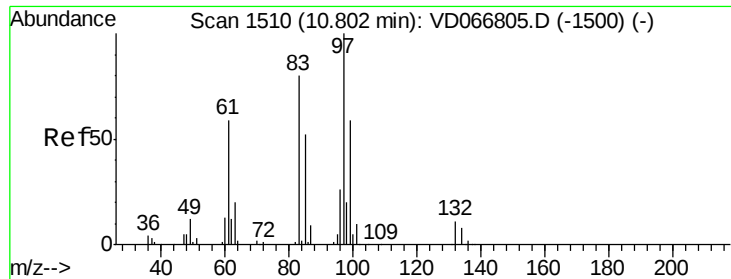
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#54
cis-1,3-Dichloropropene
Concen: 19.570 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion: 75 Resp: 136854
Ion Ratio Lower Upper
75 100
77 34.4 25.6 38.4
39 48.1 39.2 58.8





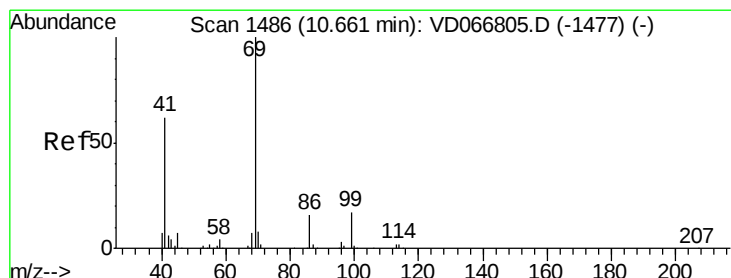
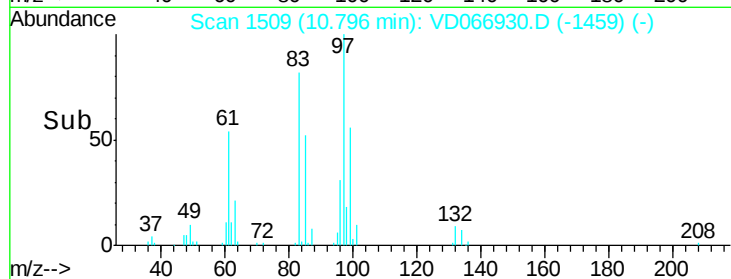
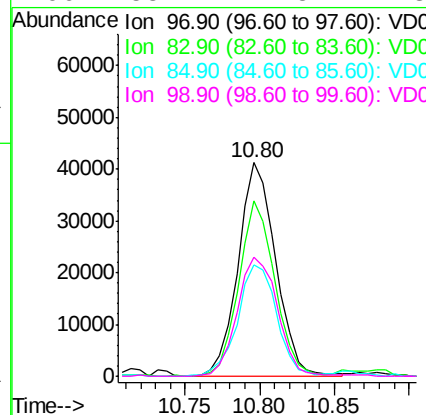
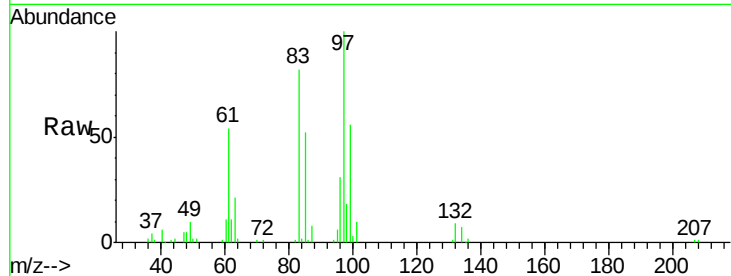
#55
 1,1,2-Trichloroethane
 Concen: 20.933 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		72180		
83	82.3	64.2	96.2		
85	51.7	41.9	62.9		
99	55.7	47.5	71.3		

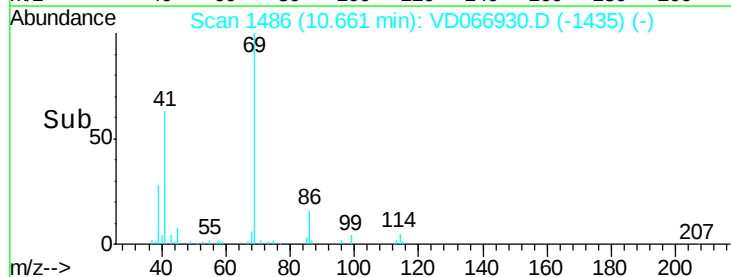
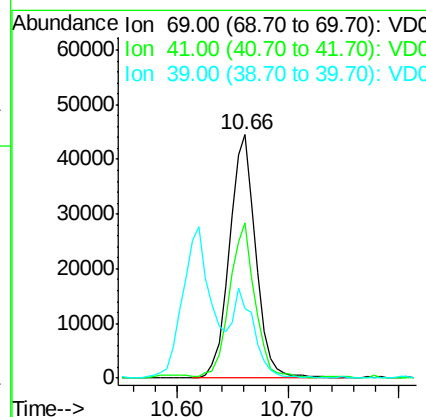
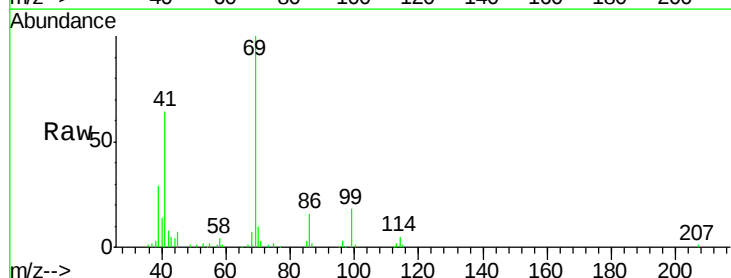
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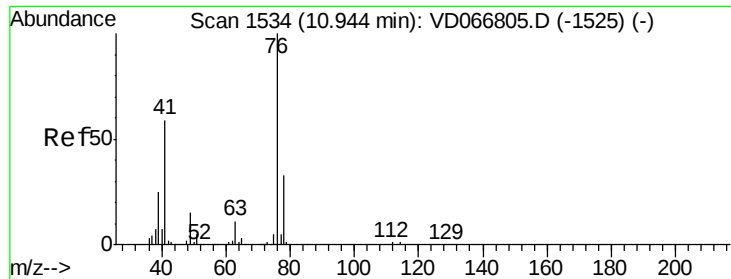
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#56
 Ethyl methacrylate
 Concen: 20.067 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		74129		
41	62.3	52.2	78.2		
39	30.5	26.6	40.0		





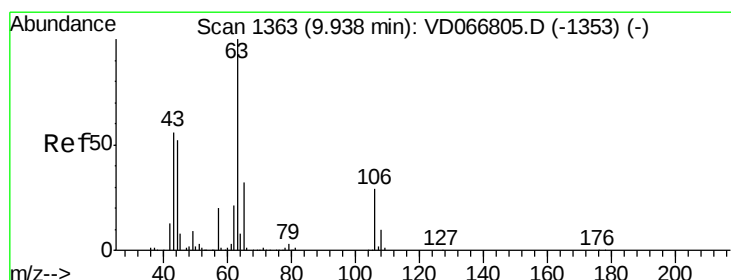
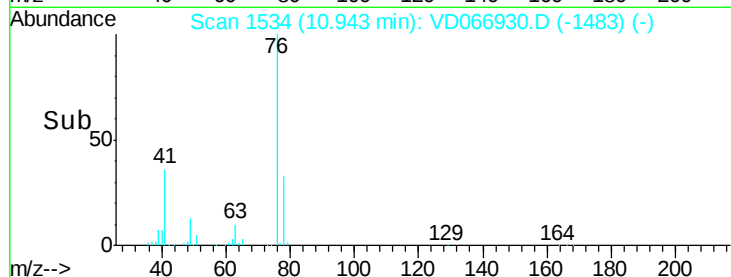
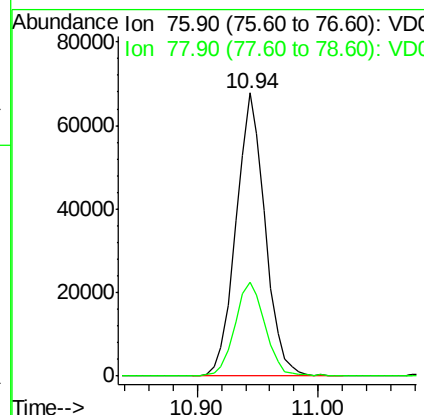
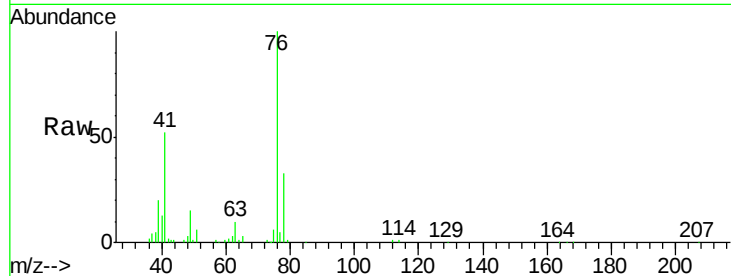
#57
 1,3-Dichloropropane
 Concen: 19.999 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion: 76 Resp: 113871
 Ion Ratio Lower Upper
 76 100
 78 34.7 26.3 39.5

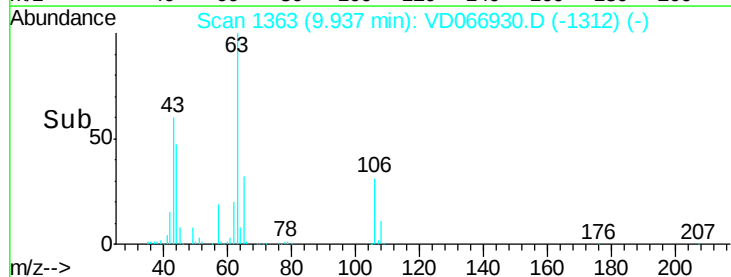
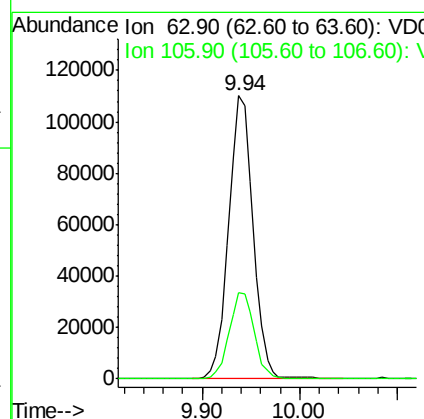
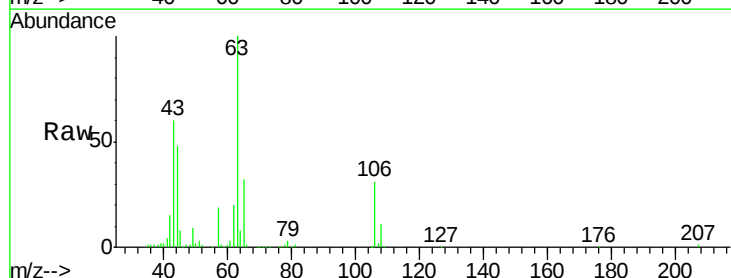
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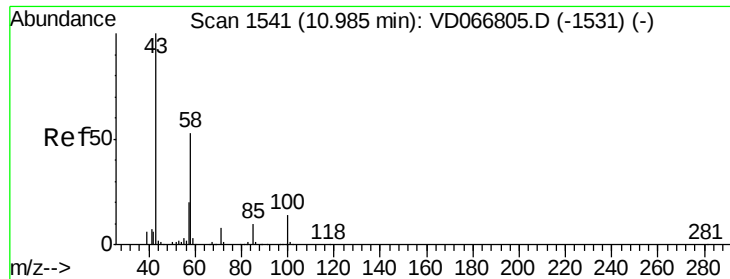
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 109.516 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion: 63 Resp: 191553
 Ion Ratio Lower Upper
 63 100
 106 31.2 23.8 35.6





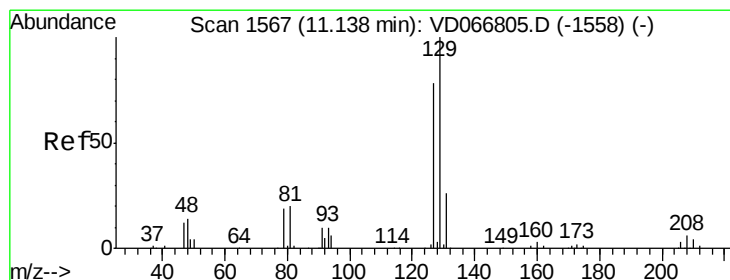
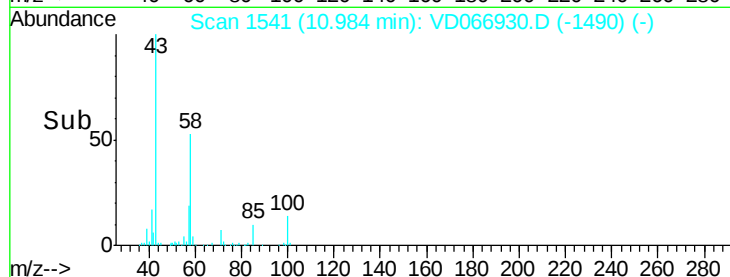
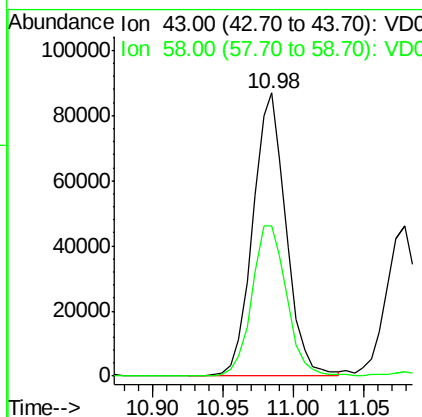
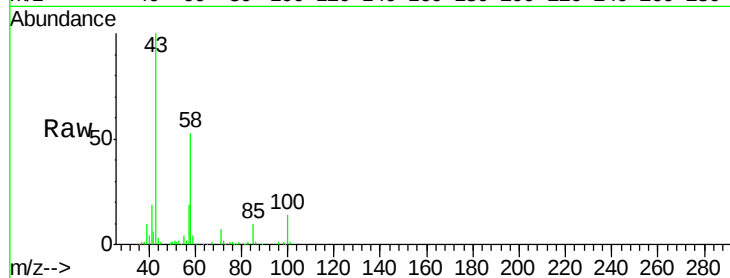
#59
2-Hexanone
Concen: 91.671 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion: 43 Resp: 143741
Ion Ratio Lower Upper
43 100
58 55.7 27.0 80.8

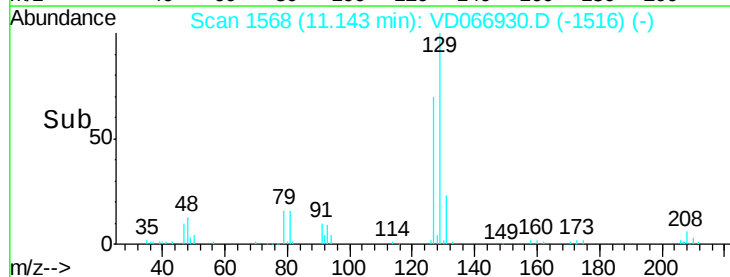
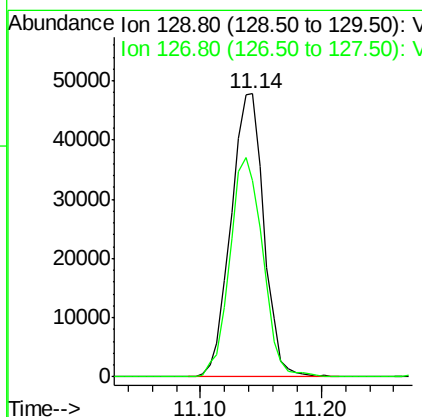
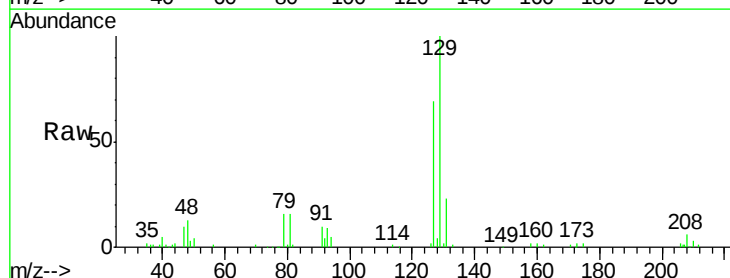
Manual Integrations
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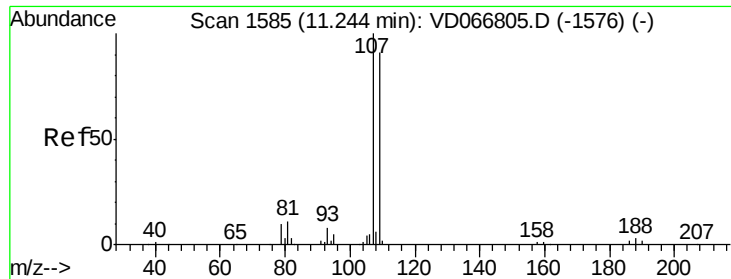
MMDadoda
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#60
Dibromochloromethane
Concen: 20.201 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion: 129 Resp: 90911
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





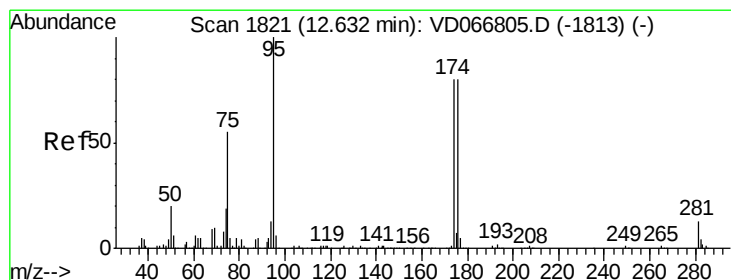
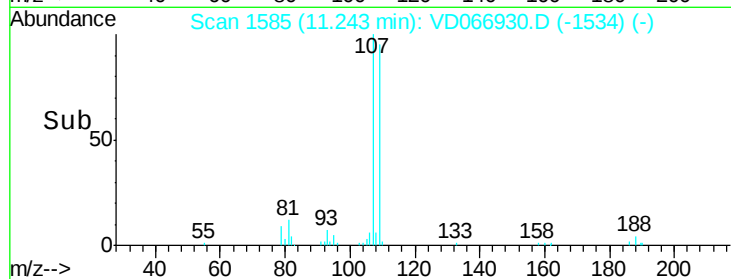
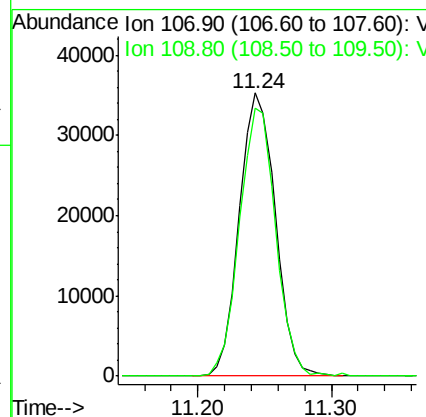
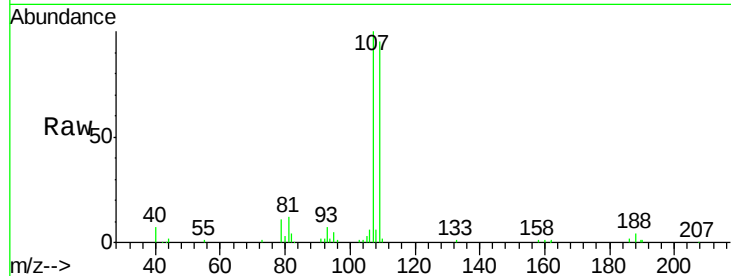
#61
 1,2-Dibromoethane
 Concen: 20.588 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion: 107 Resp: 66030
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.4

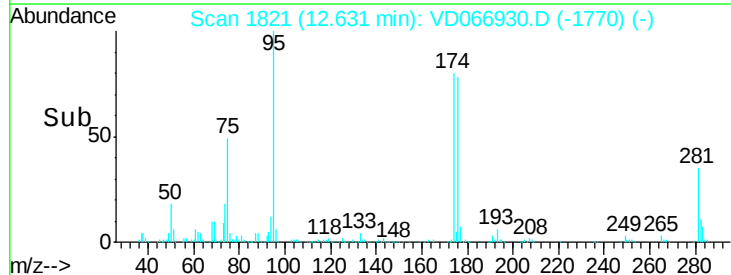
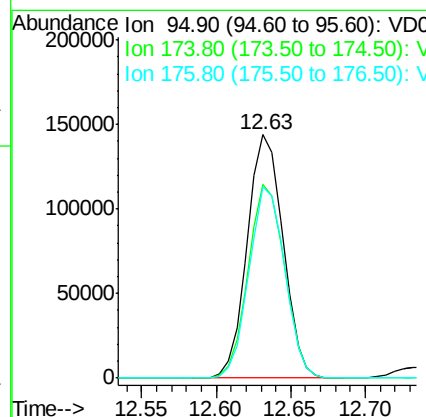
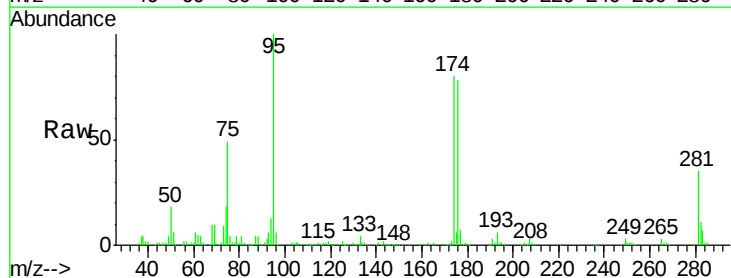
Manual Integrations
 APPROVED

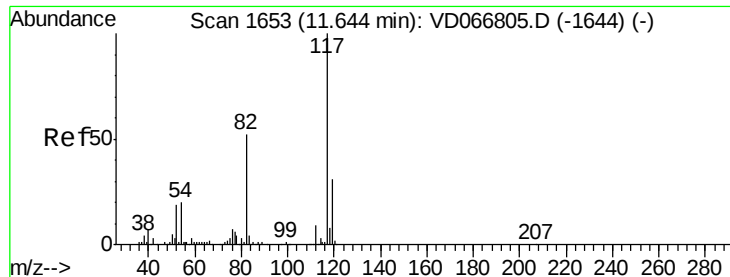
MMDadoda
 9/30/2020 1:21:56 PM



#62
 4-Bromofluorobenzene
 Concen: 48.500 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion: 95 Resp: 238841
 Ion Ratio Lower Upper
 95 100
 174 81.0 0.0 159.8
 176 78.4 0.0 154.4





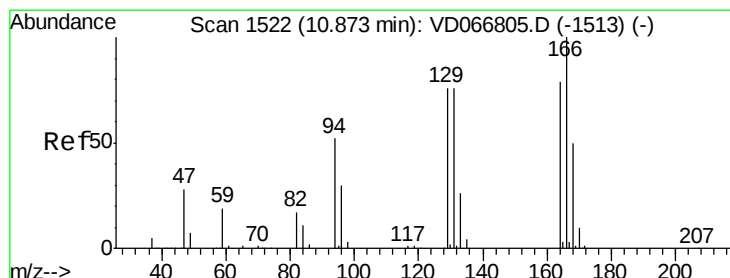
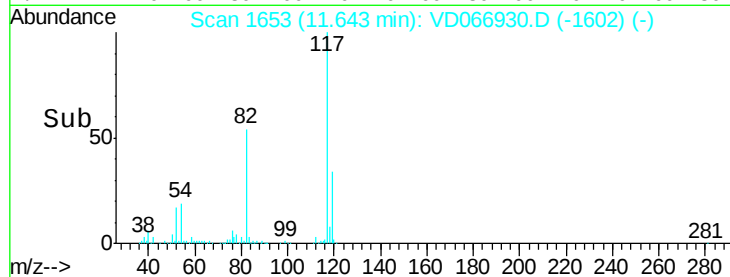
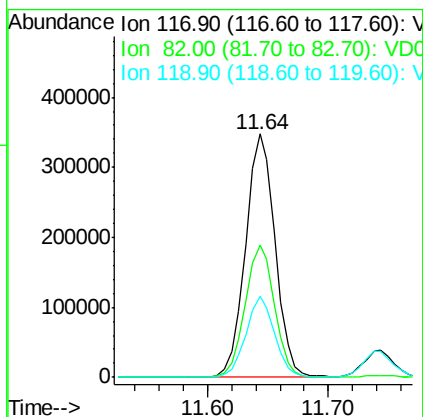
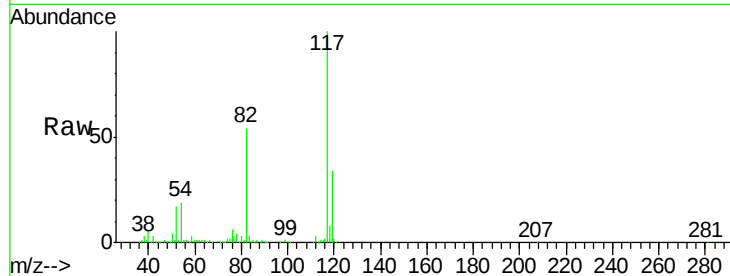
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.1	41.8	62.6
119	33.5	24.6	37.0

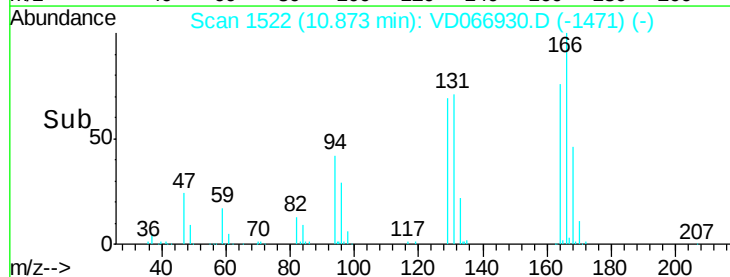
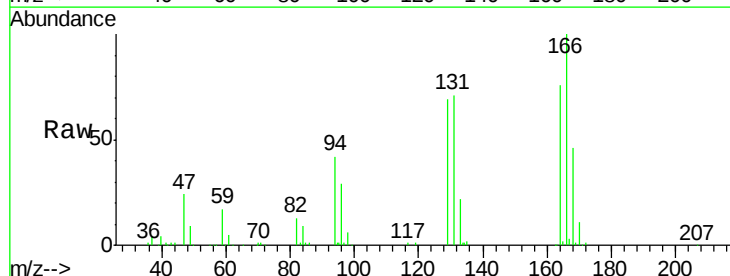
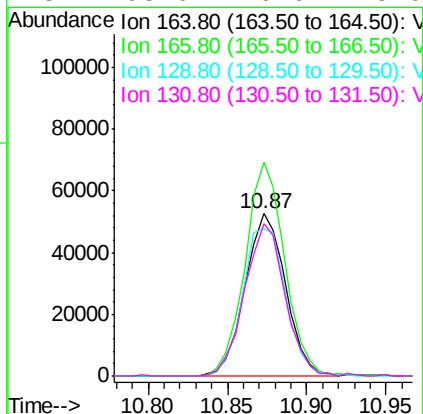
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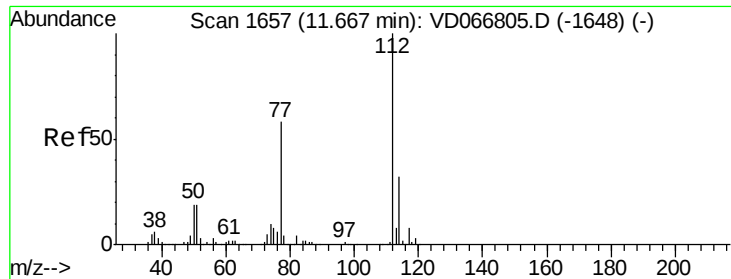
MMDadoda
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#64
Tetrachloroethene
Concen: 21.866 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	131.5	101.1	151.7
129	90.9	77.0	115.4
131	93.6	76.6	115.0





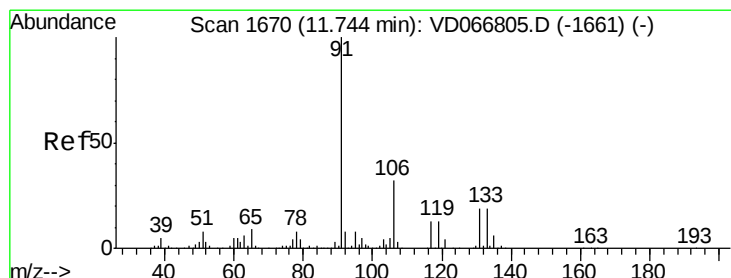
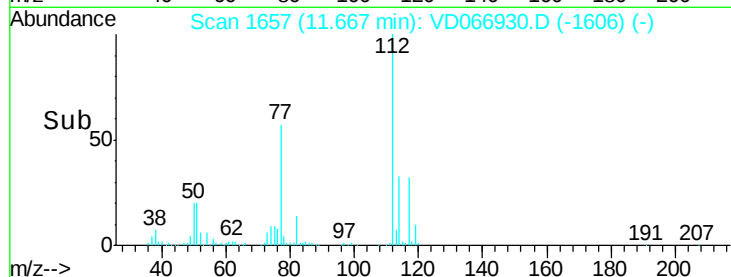
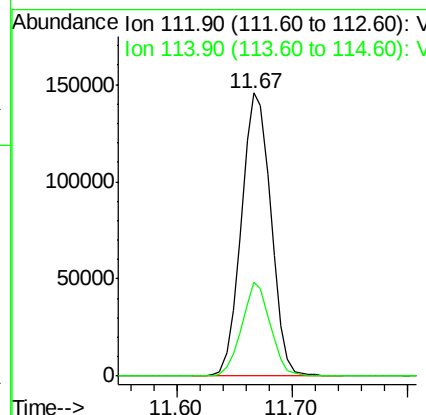
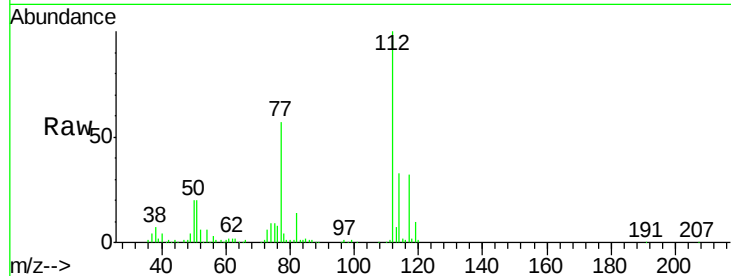
#65
Chlorobenzene
Concen: 20.876 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.4	38.2

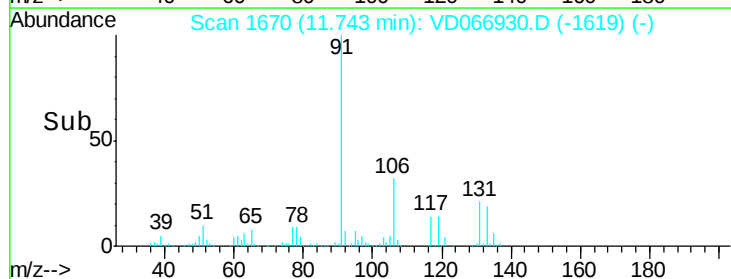
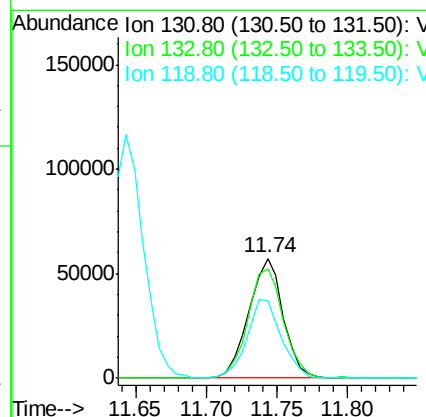
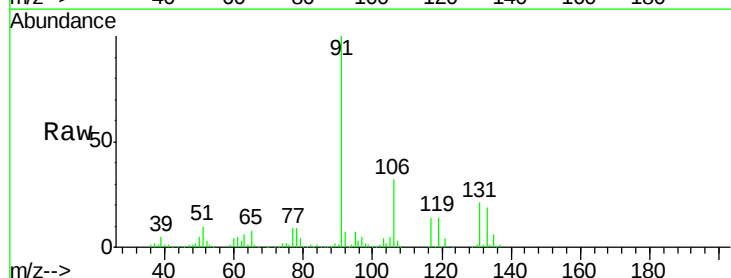
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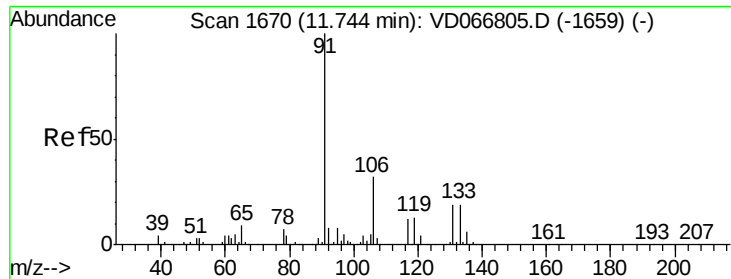
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.865 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	46.7	140.1
119	65.6	32.3	96.9





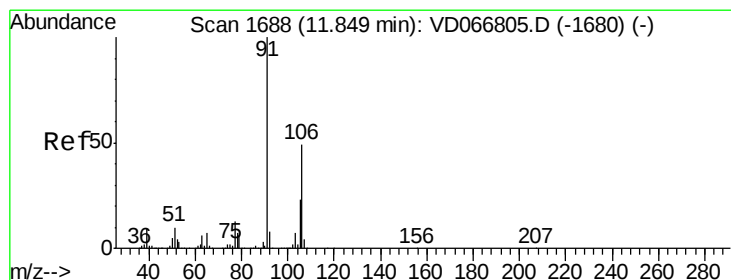
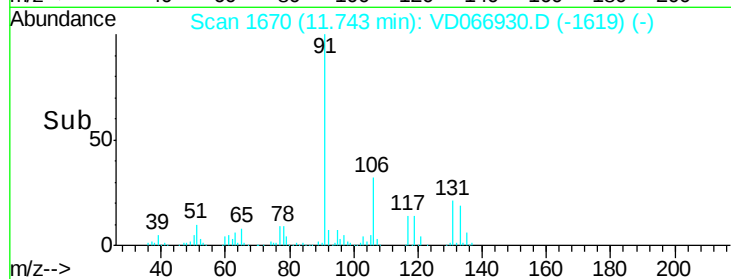
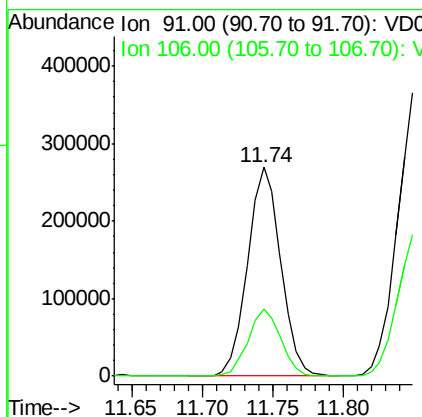
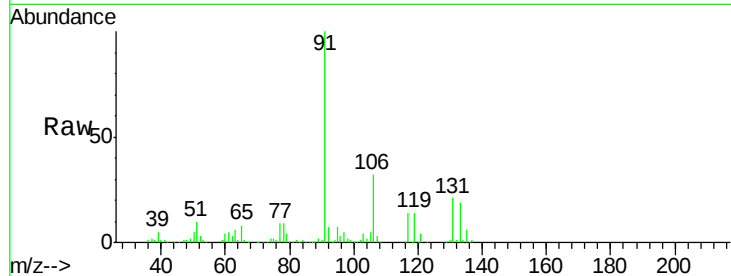
#67
Ethyl Benzene
Concen: 20.401 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	32.4	25.6	38.4	

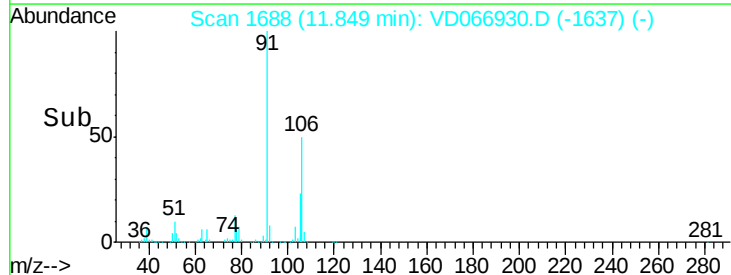
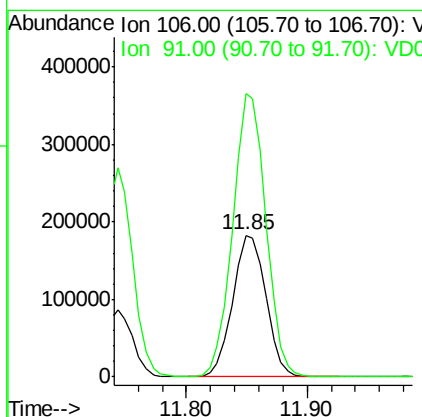
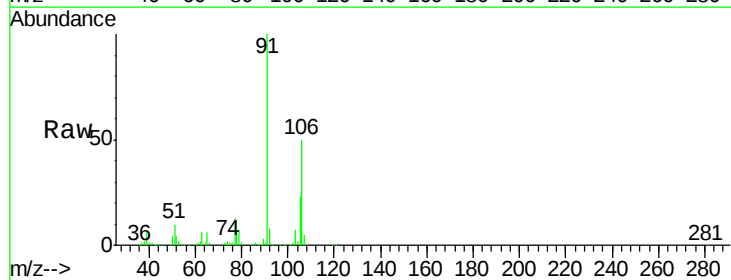
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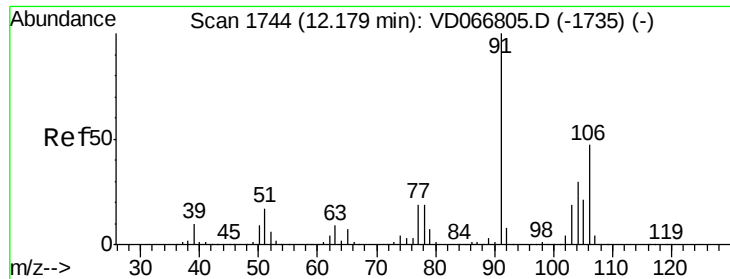
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#68
m/p-Xylenes
Concen: 42.613 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	198.6	160.7	241.1	





#69

o-Xylene

Concen: 21.119 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion:106 Resp: 157443

Ion Ratio Lower Upper

106 100

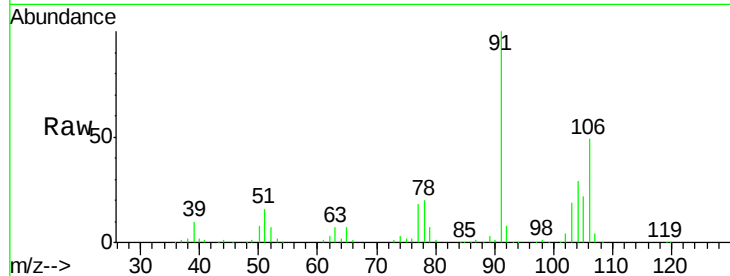
91 206.4 106.3 318.8

Manual Integrations

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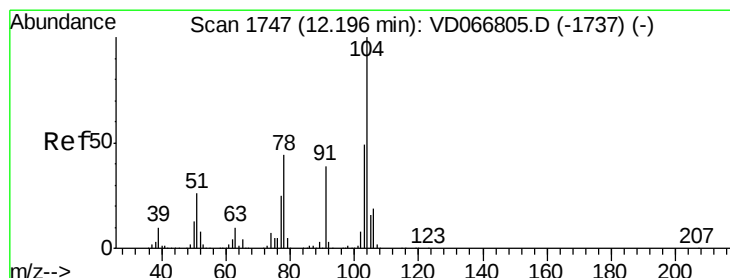
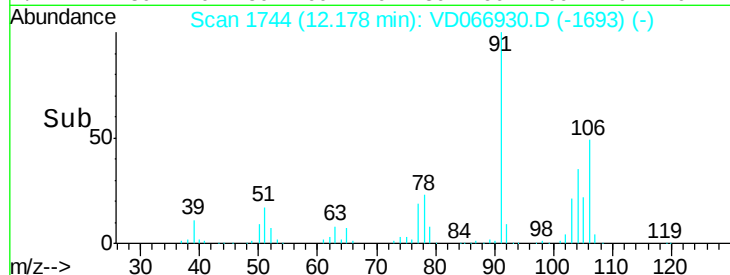
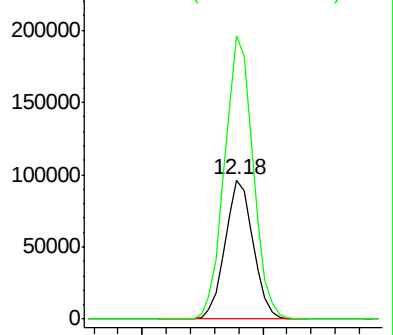
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#70

Styrene

Concen: 20.663 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

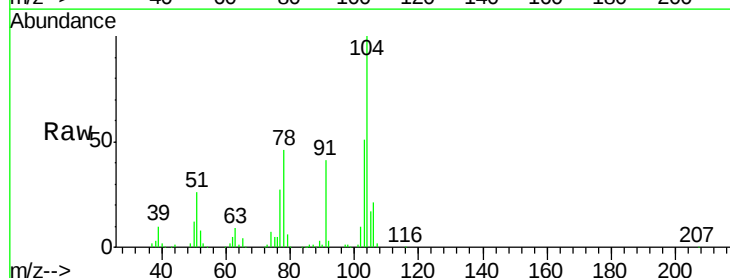
Tgt Ion:104 Resp: 267514

Ion Ratio Lower Upper

104 100

78 49.7 38.9 58.3

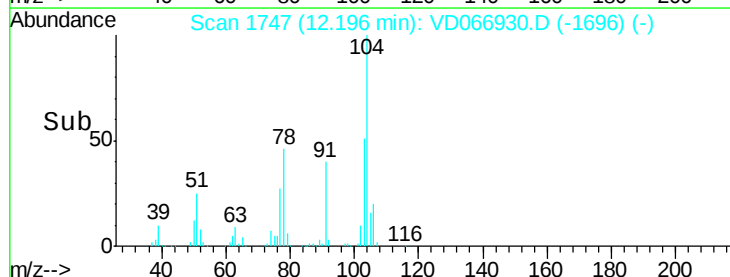
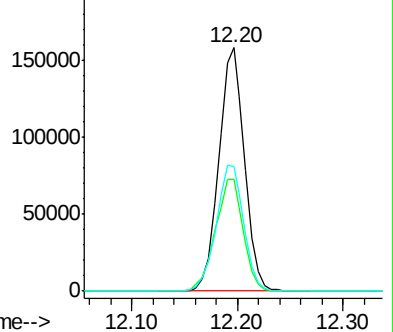
103 55.4 43.2 64.8

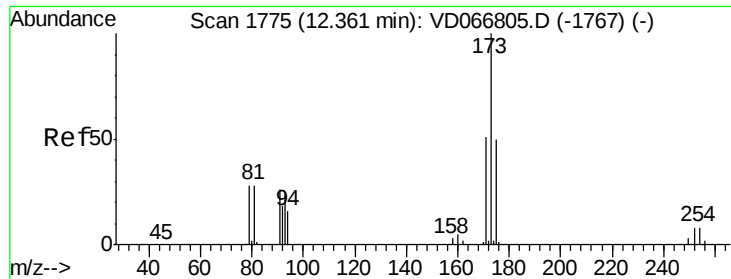


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VDC

Ion 103.00 (102.70 to 103.70): V





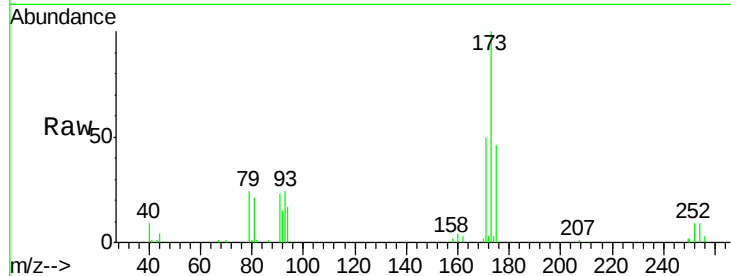
#71
Bromoform
Concen: 21.534 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

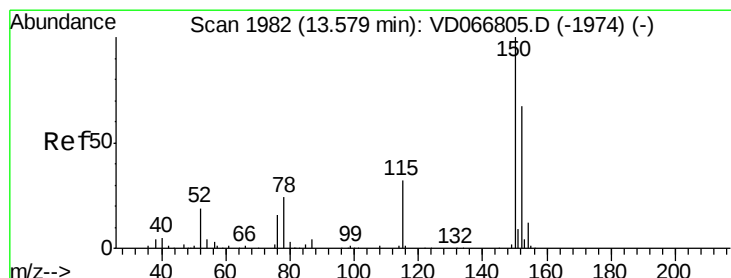
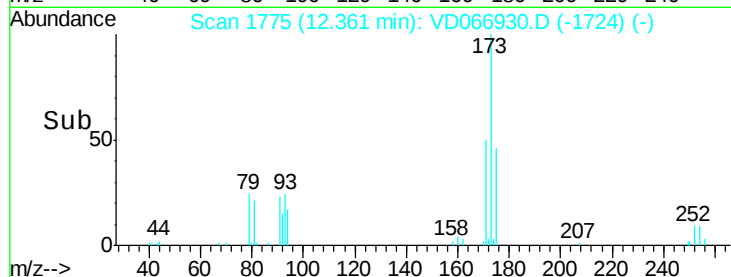
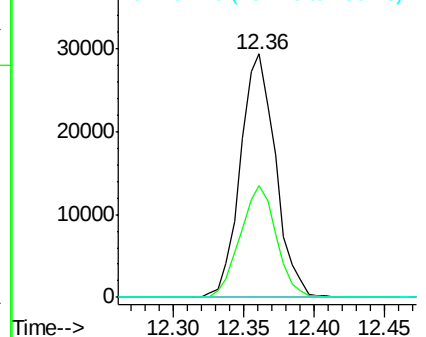
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.9	74.6
254	0.0	0.1	0.1#

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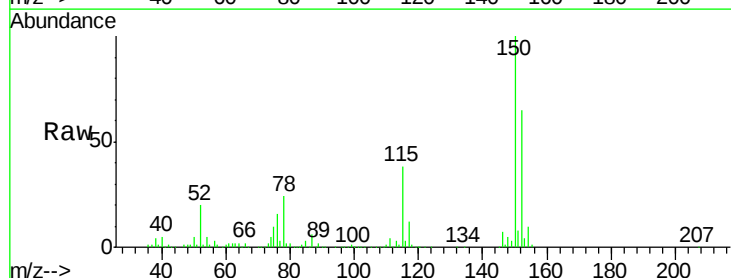


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

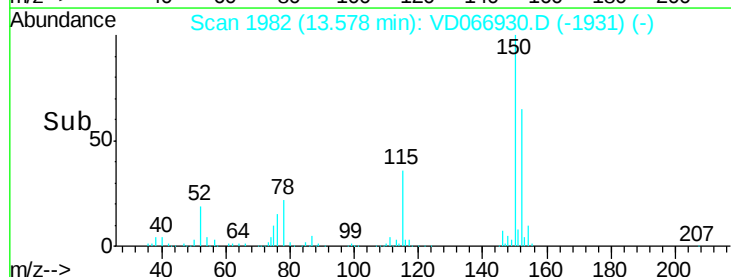
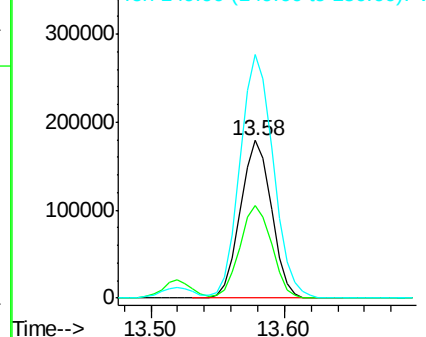


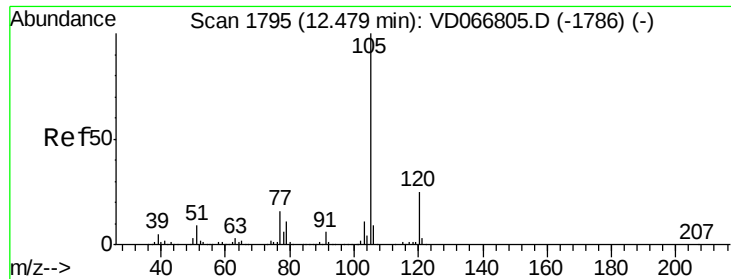
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.3	91.0
150	164.7	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





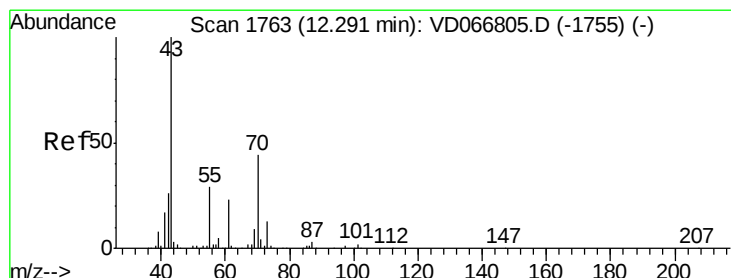
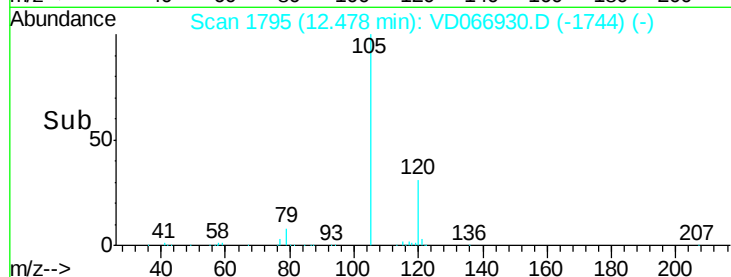
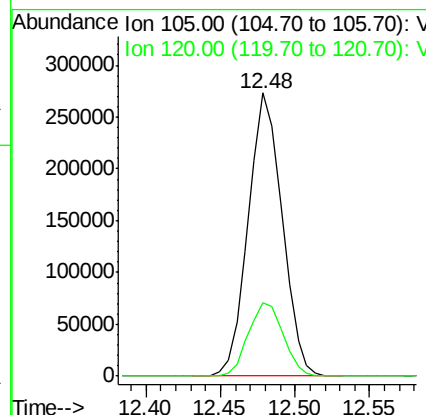
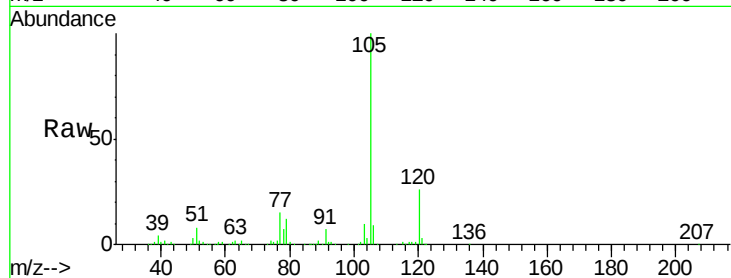
#73
Isopropylbenzene
Concen: 20.561 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	12.9	38.6

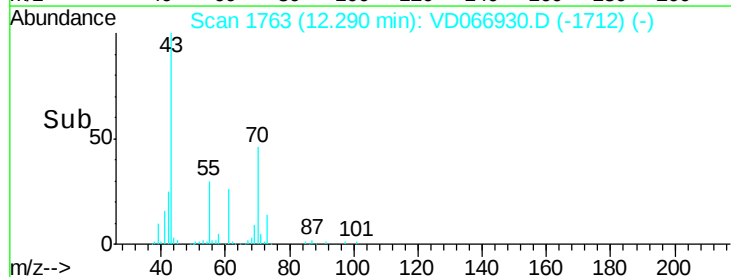
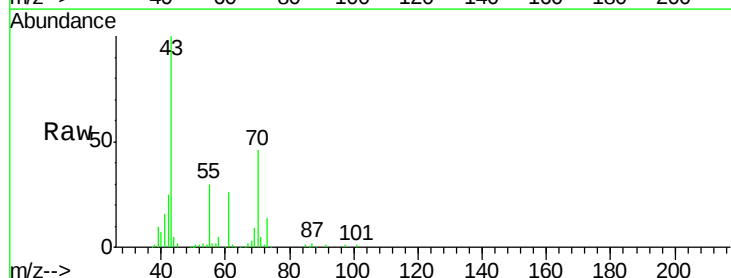
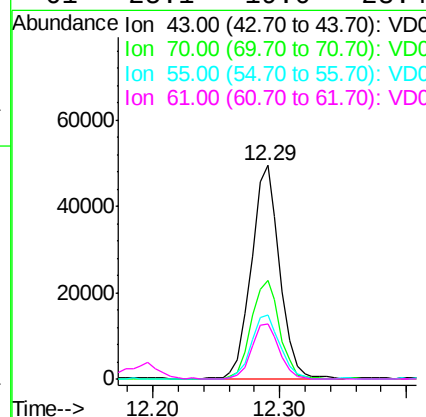
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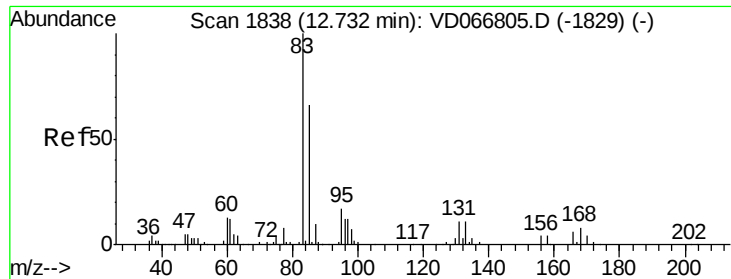
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#74
N-ethyl acetate
Concen: 18.898 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.9	36.1	54.1
55	30.2	21.8	32.8
61	25.1	19.0	28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.311 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

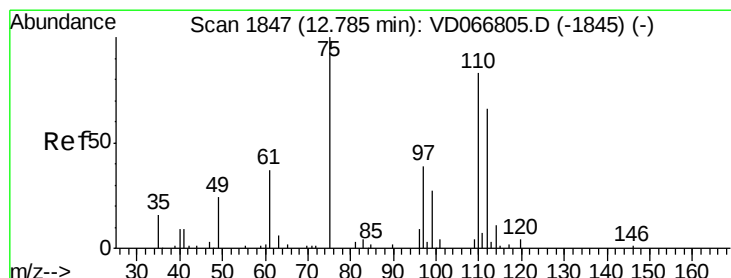
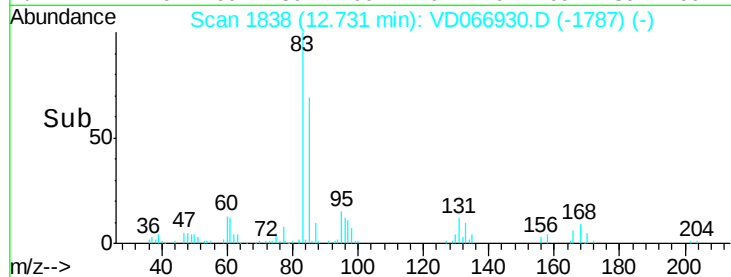
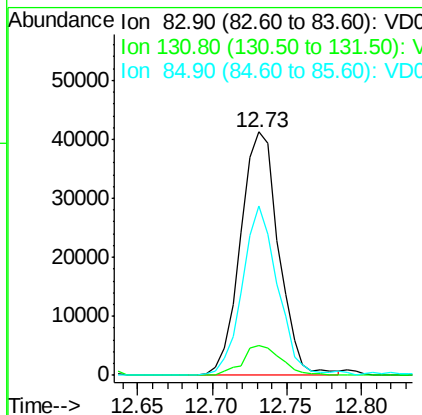
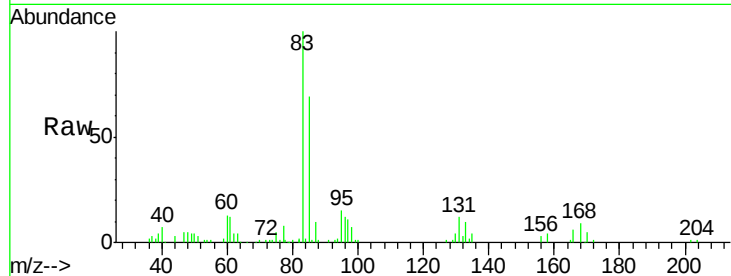
ClientSampleId :

VD0929SBS01

Tot Ion:	83	Resp:	73308
Ion Ratio	Lower	Upper	
83	100		
131	12.3	5.5	16.7
85	63.9	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 23.261 ug/l m

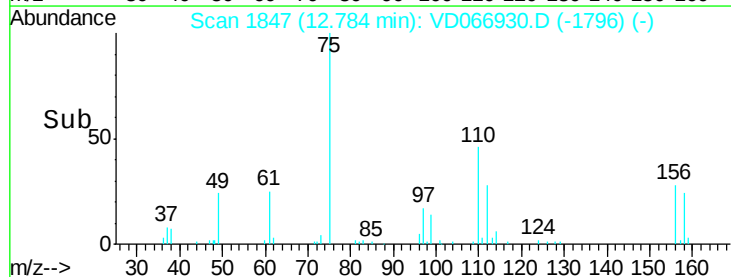
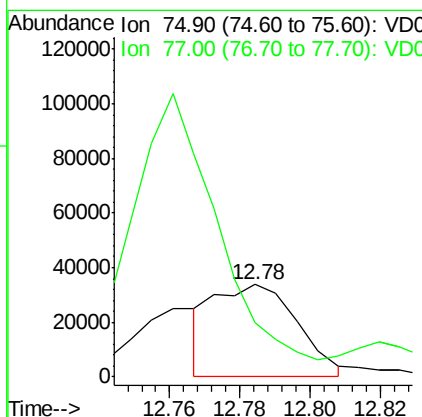
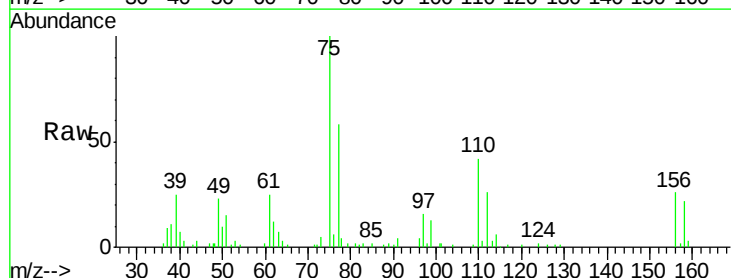
RT: 12.78 min Scan# 1847

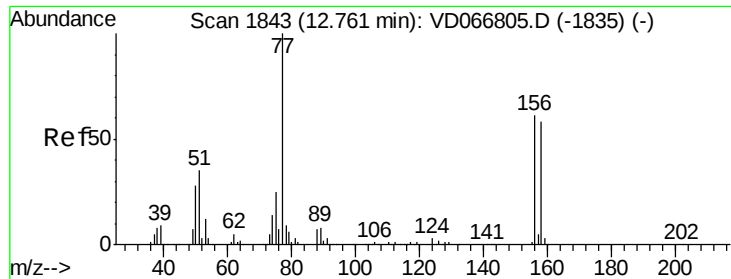
Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion:	75	Resp:	55815
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.210 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

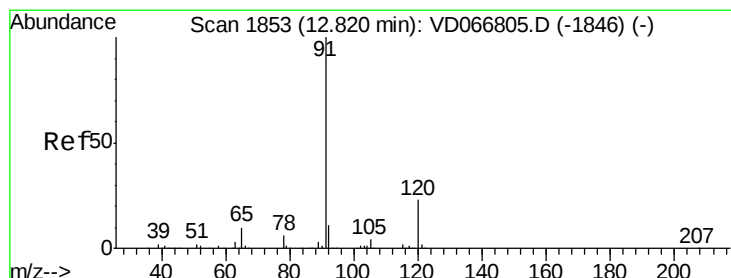
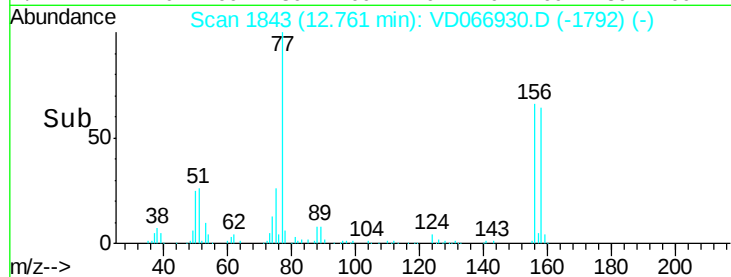
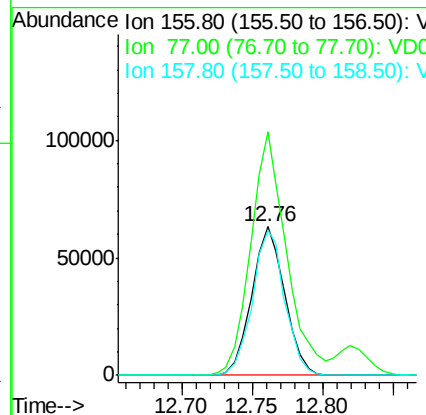
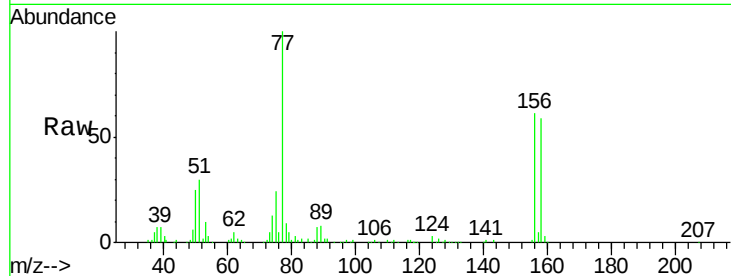
ClientSampleId :

VD0929SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	177.0	92.3	276.9	
158	95.9	47.6	142.9	

Manual Integrations
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#78

n-propylbenzene

Concen: 20.599 ug/l

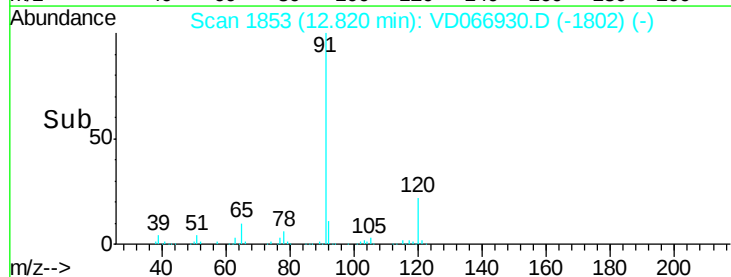
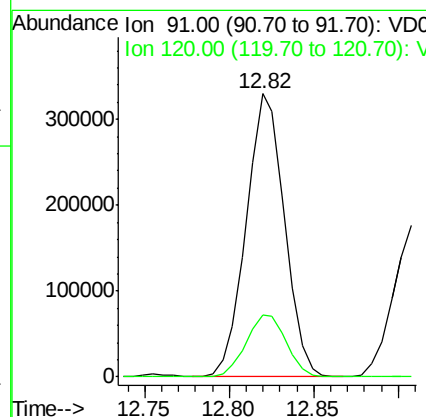
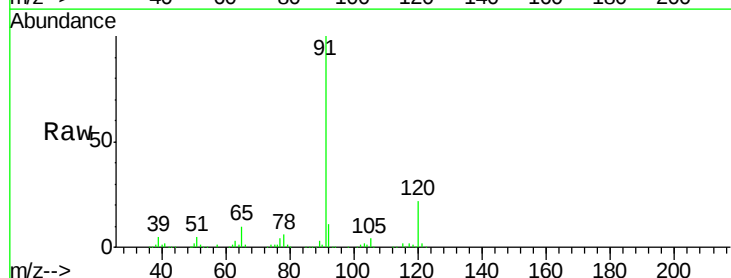
RT: 12.82 min Scan# 1853

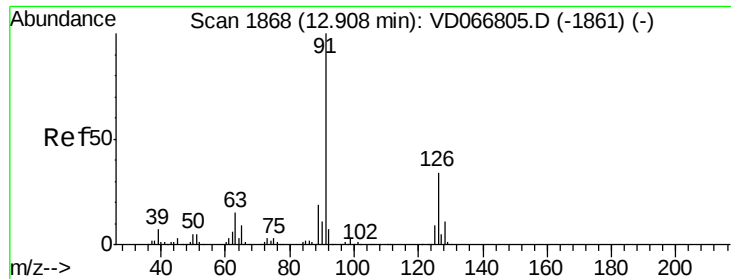
Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.0	11.4	34.2	





#79

2-Chlorotoluene

Concen: 20.361 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 91 Resp: 291975

Ion Ratio Lower Upper

91 100

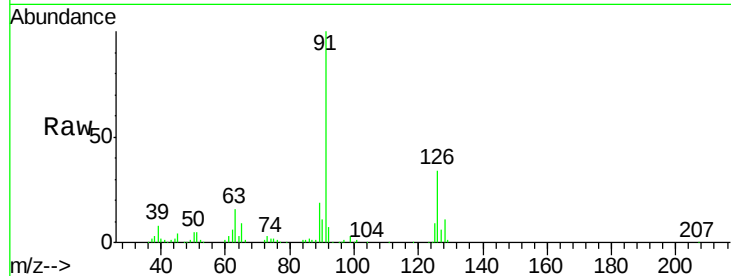
126 34.8 17.0 51.0

Manual Integrations

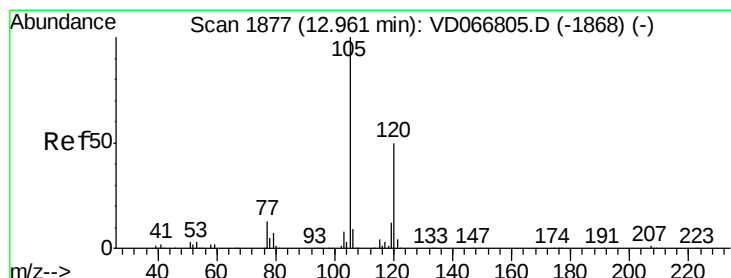
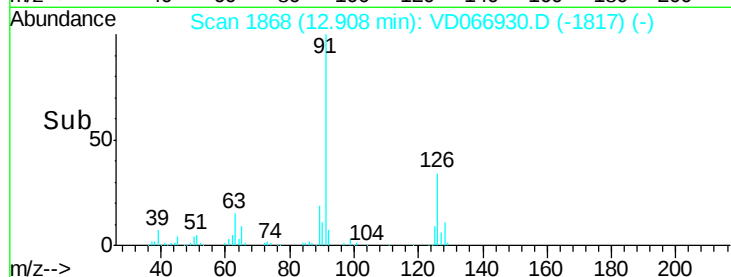
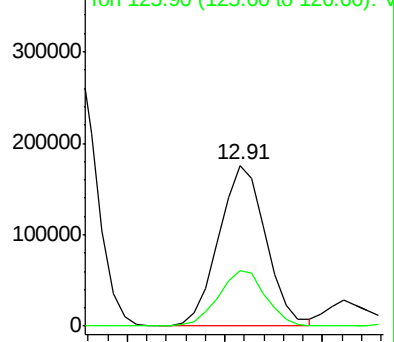
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Abundance Ion 91.00 (90.70 to 91.70): VD066930.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.892 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066930.D

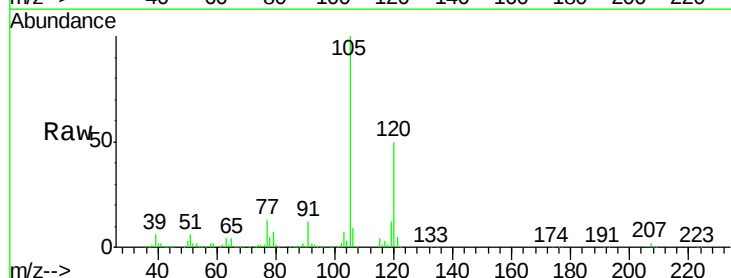
Acq: 29 Sep 2020 11:16

Tgt Ion:105 Resp: 370796

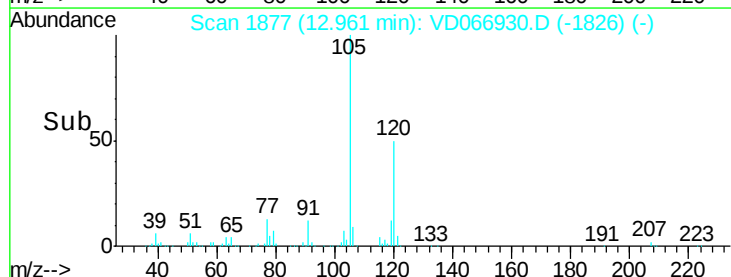
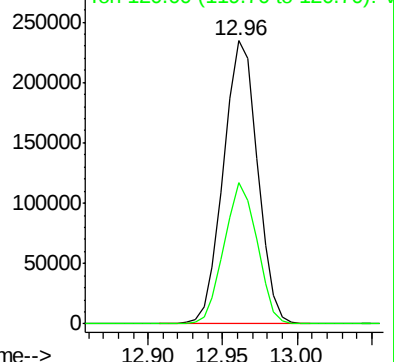
Ion Ratio Lower Upper

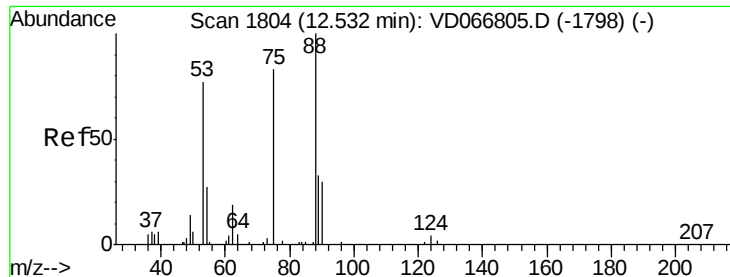
105 100

120 48.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066930.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.910 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 75 Resp: 19095

Ion Ratio Lower Upper

75 100

53 93.1 78.5 117.7

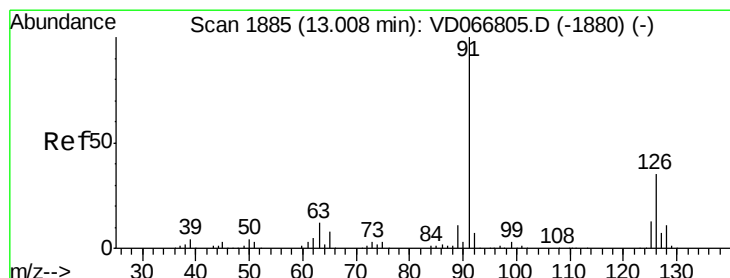
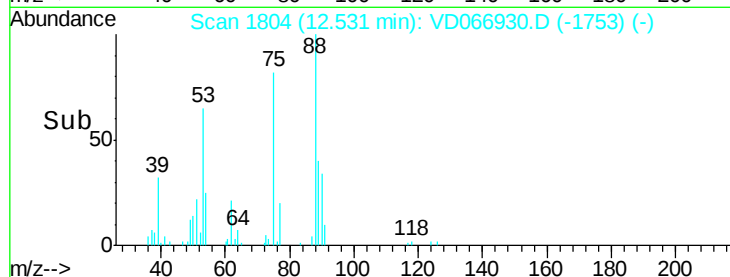
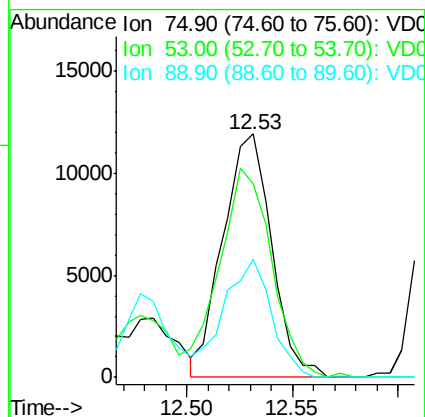
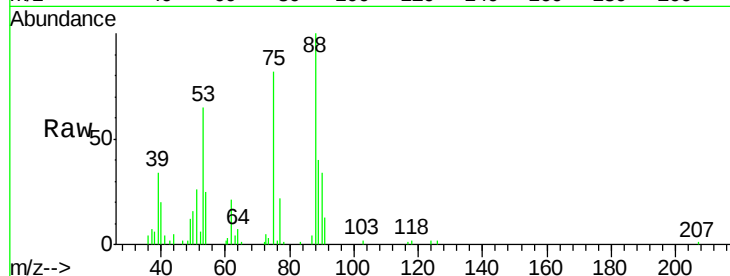
89 47.9 38.1 57.1

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#82

4-Chlorotoluene

Concen: 20.689 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066930.D

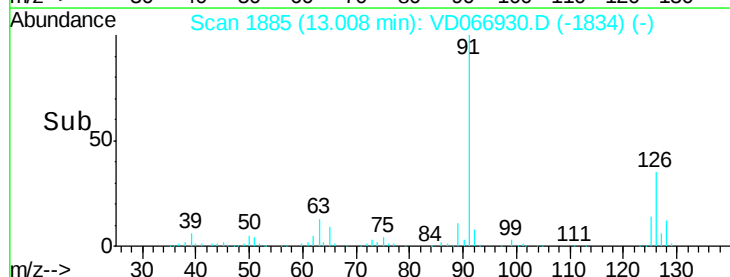
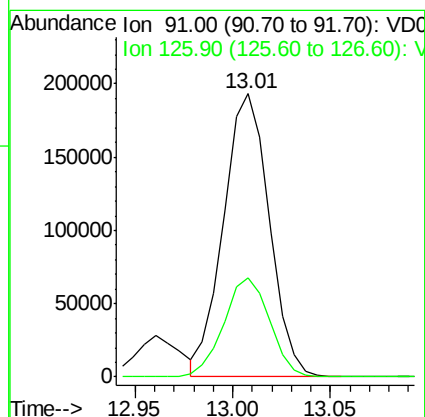
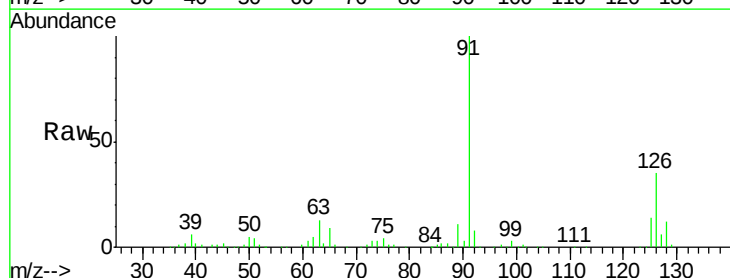
Acq: 29 Sep 2020 11:16

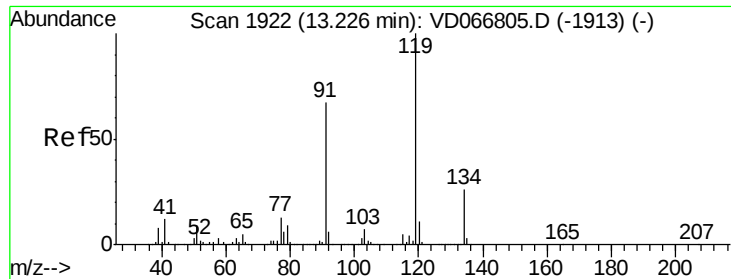
Tgt Ion: 91 Resp: 312732

Ion Ratio Lower Upper

91 100

126 35.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.664 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

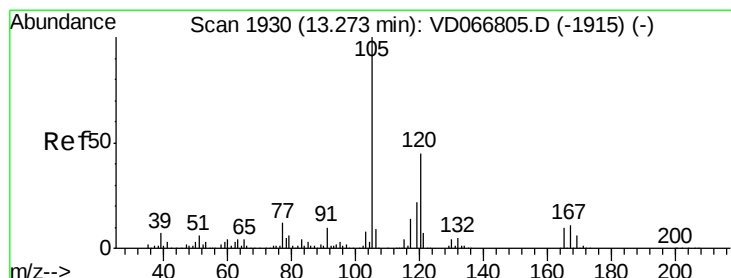
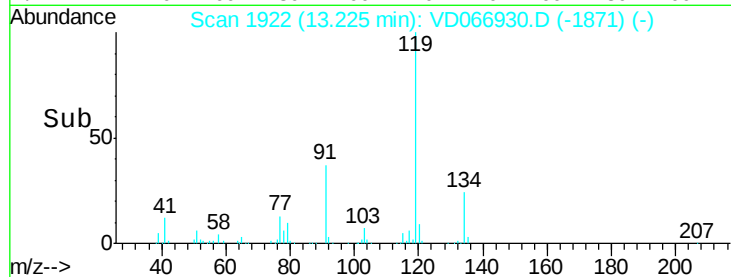
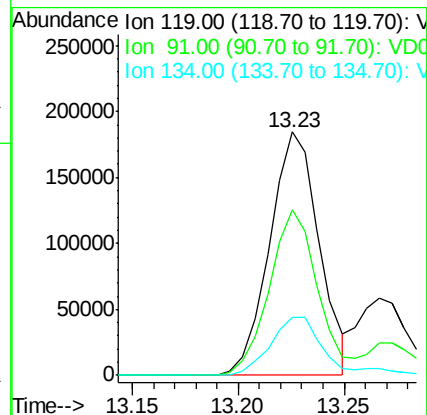
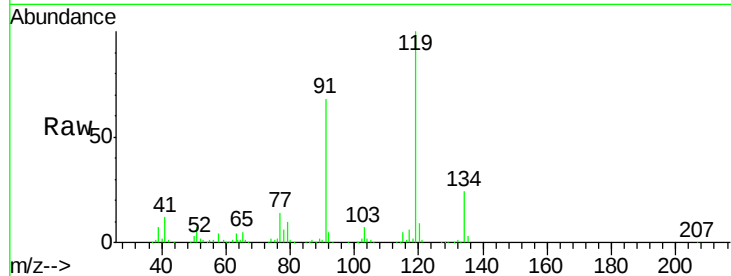
ClientSampleId :

VD0929SBS01

Tot Ion:	119	Resp:	301366
Ion Ratio	Lower	Upper	
119	100		
91	66.4	33.6	100.8
134	26.4	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 20.527 ug/l

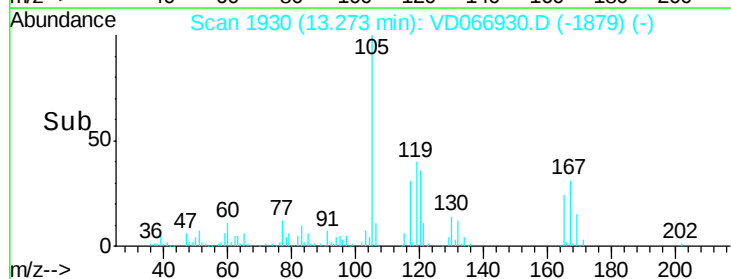
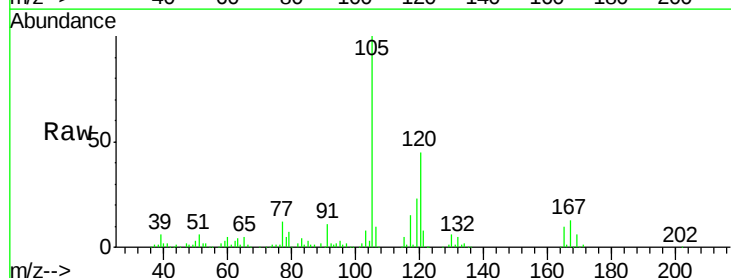
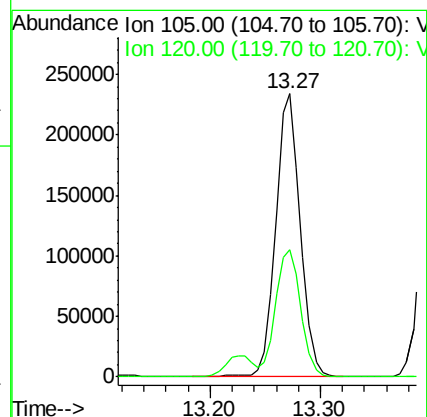
RT: 13.27 min Scan# 1930

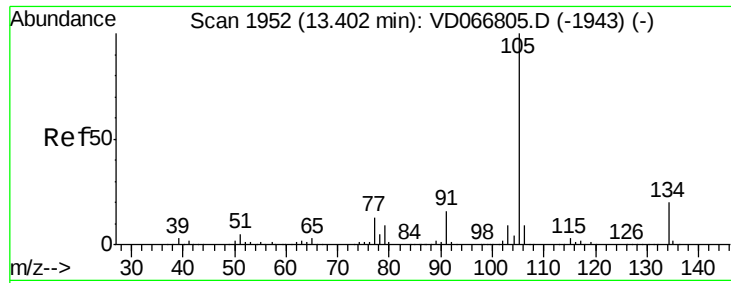
Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Tgt Ion:	105	Resp:	361268
Ion Ratio	Lower	Upper	
105	100		
120	46.1	22.3	66.9





#85

sec-Butylbenzene

Concen: 21.056 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion:105 Resp: 441594

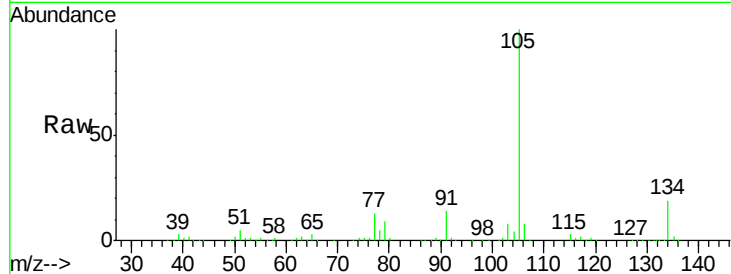
Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6

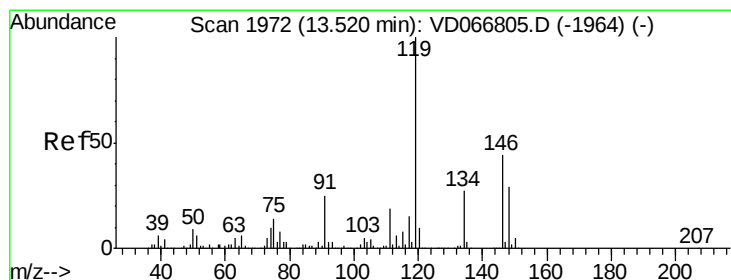
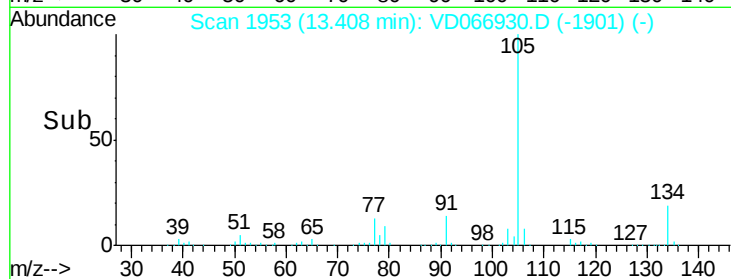
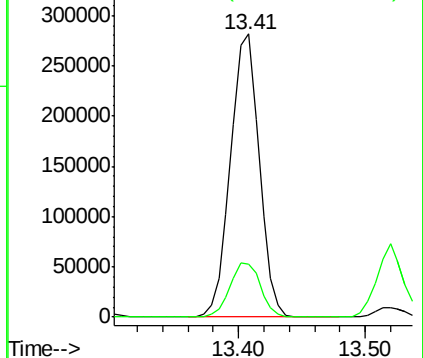
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.405 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066930.D

Acq: 29 Sep 2020 11:16

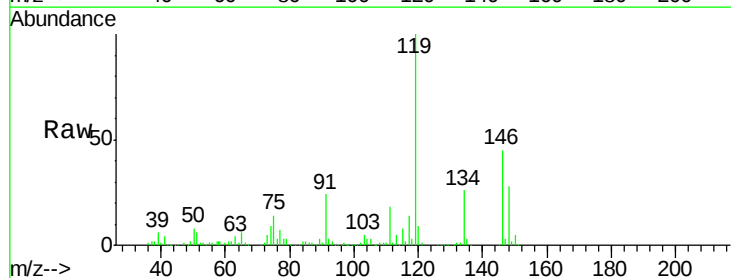
Tgt Ion:119 Resp: 404634

Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

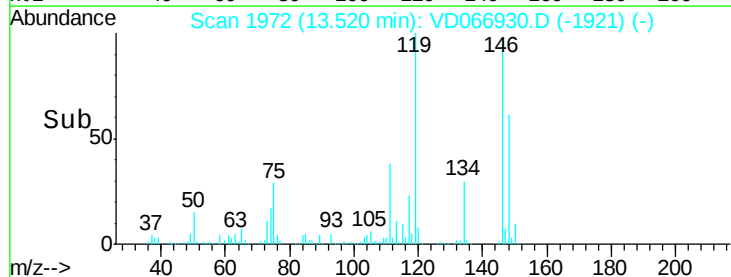
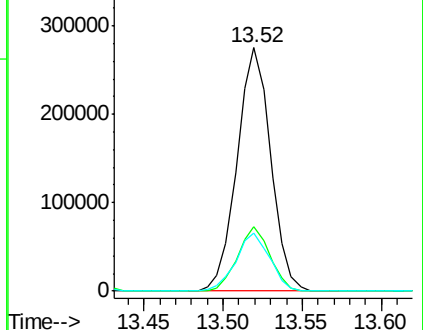
91 24.1 12.0 36.1

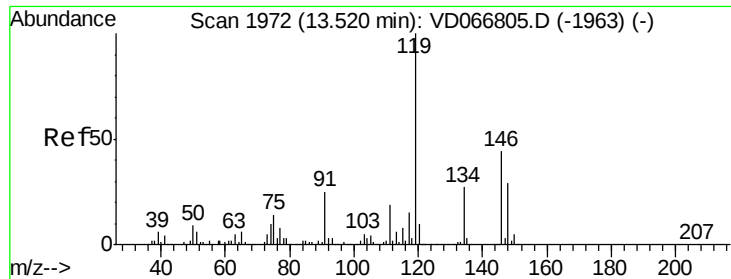


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





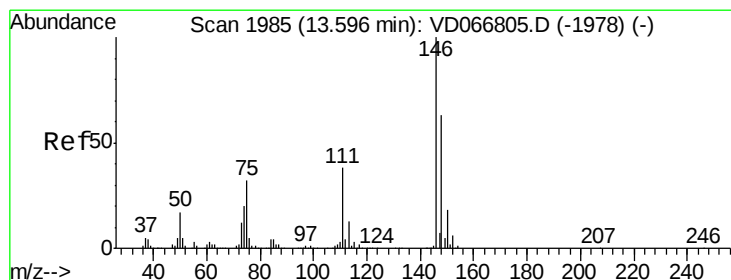
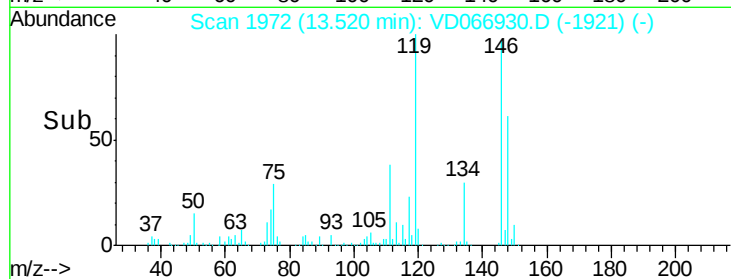
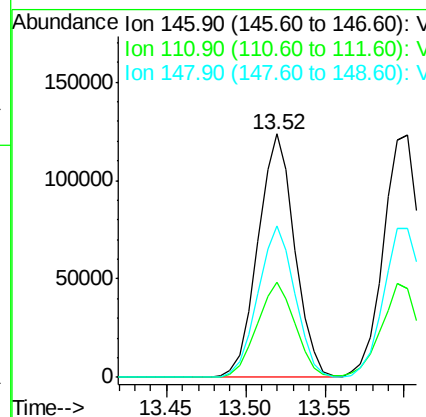
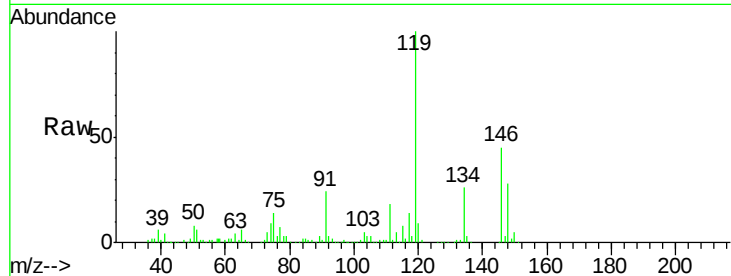
#87
 1,3-Dichlorobenzene
 Concen: 20.666 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	199737		
111	40.5	20.3	60.9	
148	62.6	31.9	95.5	

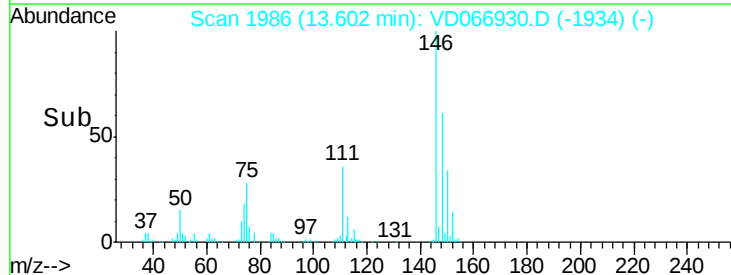
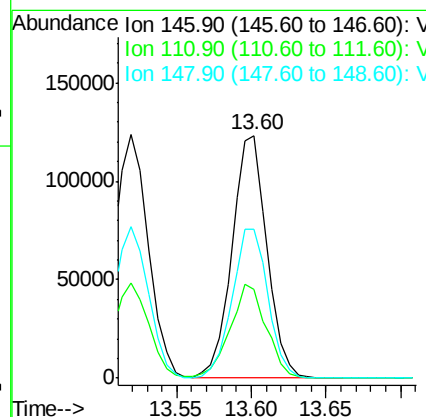
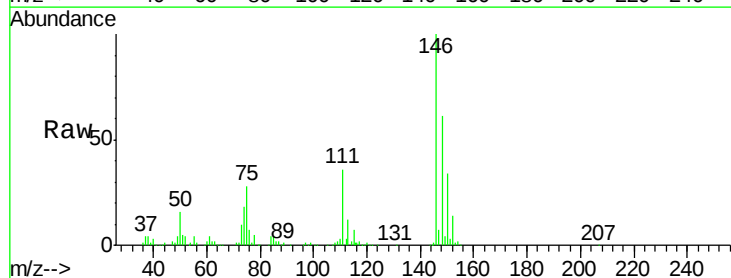
Manual Integrations
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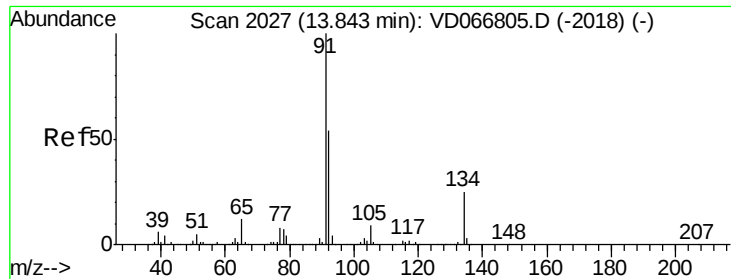
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#88
 1,4-Dichlorobenzene
 Concen: 20.960 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	201198		
111	39.7	20.2	60.5	
148	63.2	31.6	94.7	





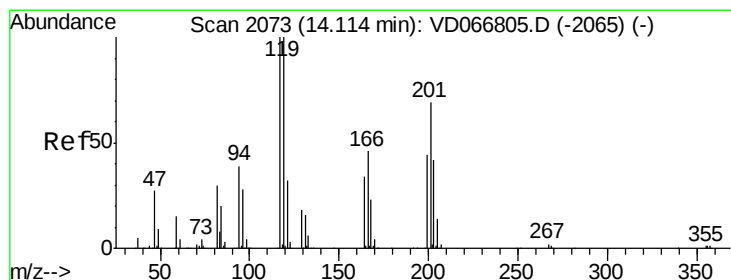
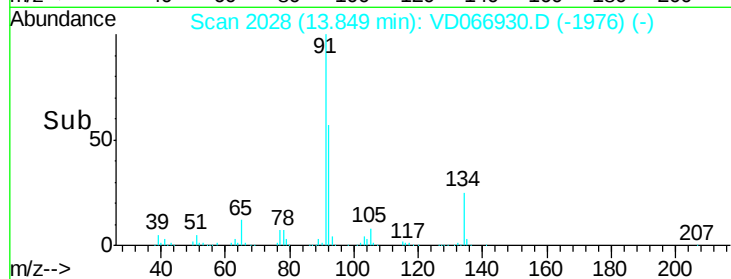
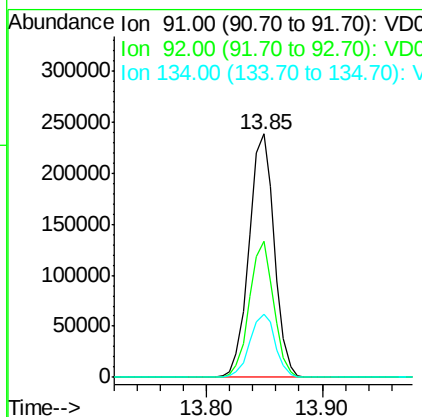
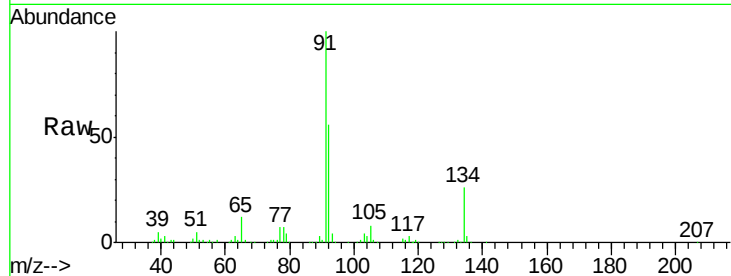
#89
n-Butylbenzene
Concen: 20.184 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.0	26.7	80.0	
134	26.3	13.1	39.1	

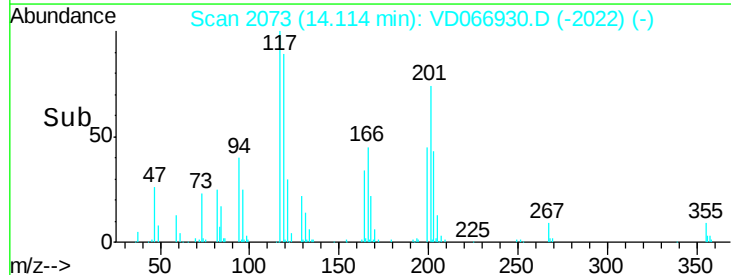
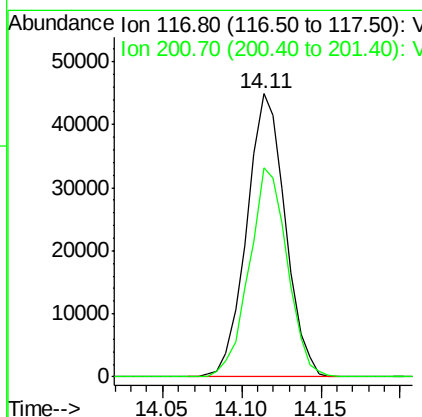
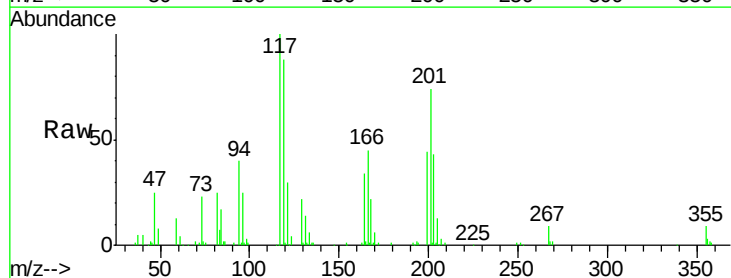
Manual Integrations
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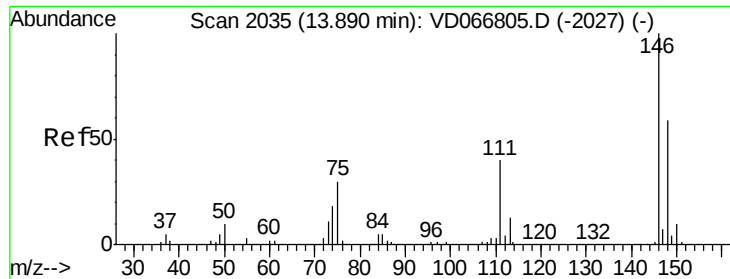
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#90
Hexachloroethane
Concen: 19.787 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	73.0	33.7	101.0	





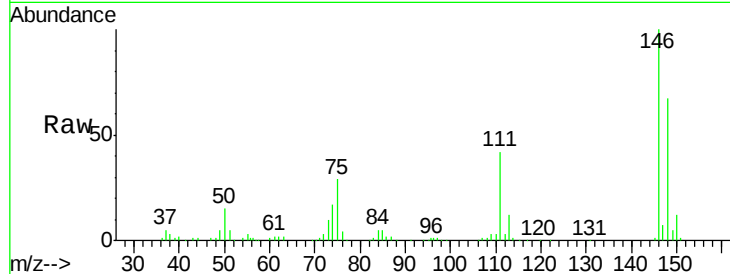
#91
 1,2-Dichlorobenzene
 Concen: 20.673 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

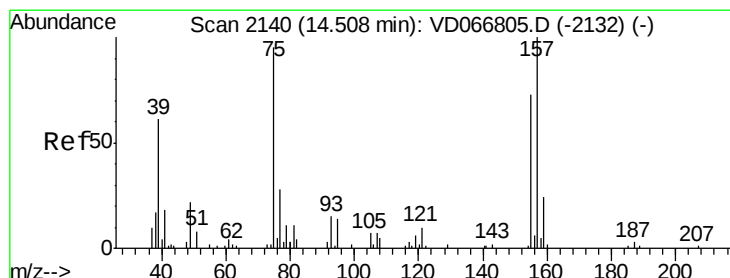
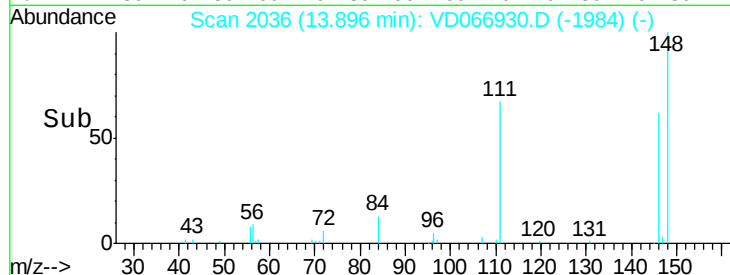
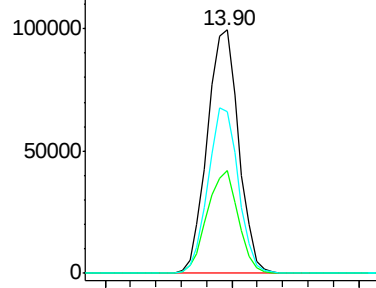
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.7
148	65.7	31.8	95.3

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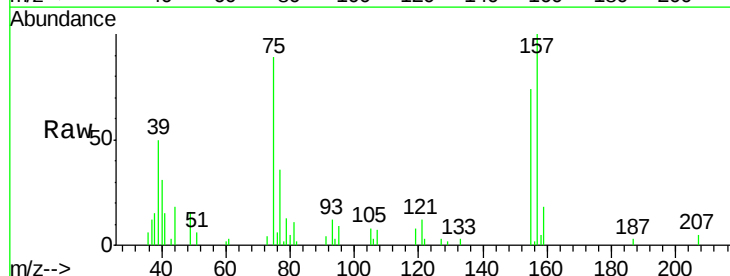


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

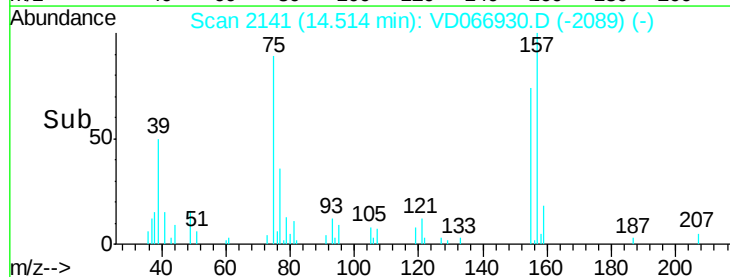
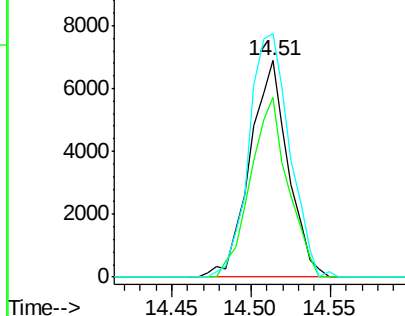


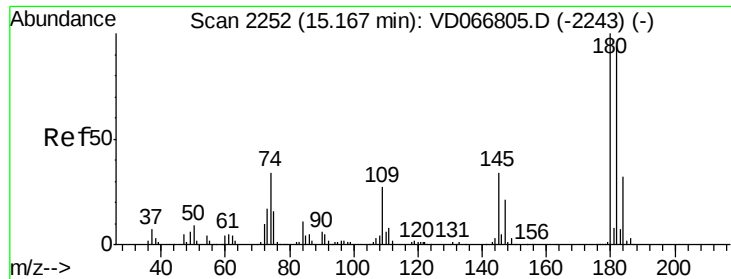
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.910 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	40.4	121.2
157	119.5	51.3	153.9



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





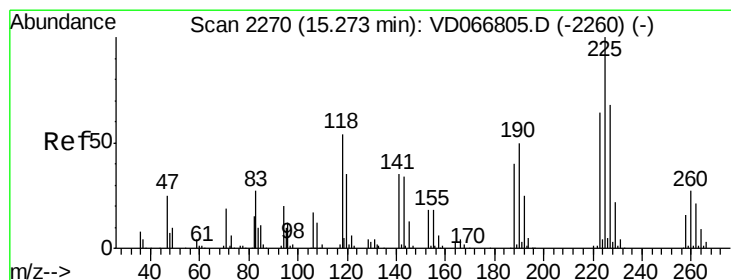
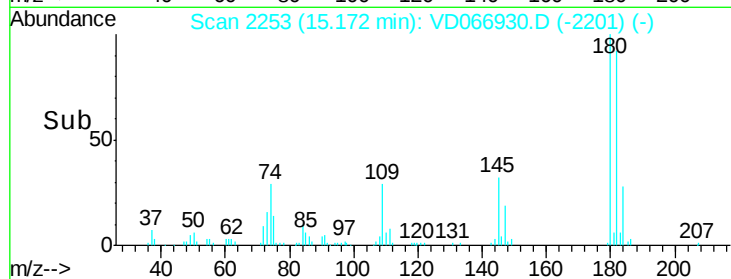
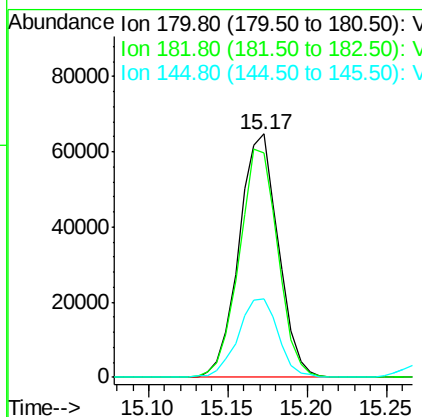
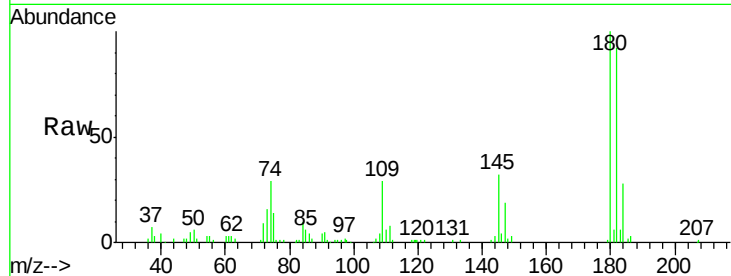
#93
 1,2,4-Trichlorobenzene
 Concen: 21.327 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111012		
182	92.8	48.8	146.3	
145	33.0	16.7	50.0	

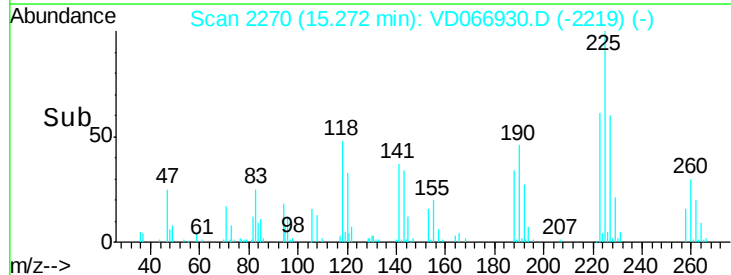
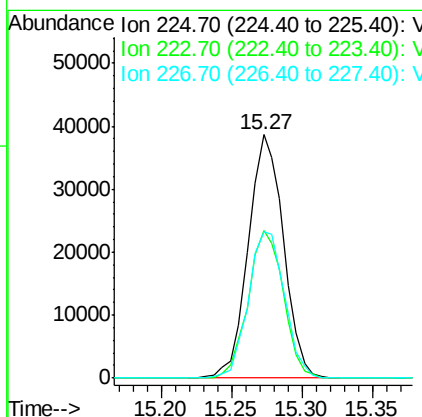
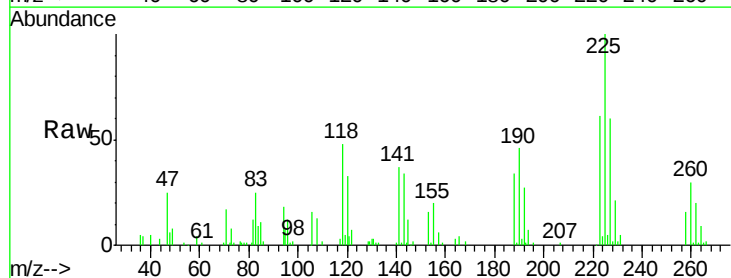
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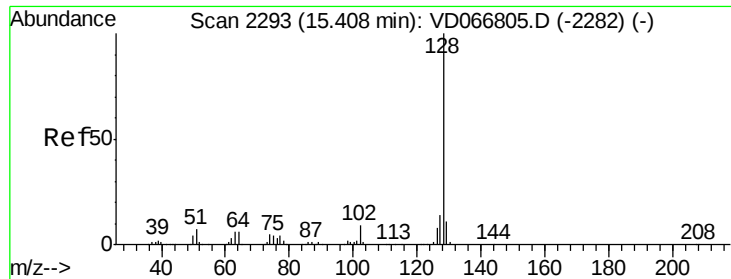
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#94
 Hexachlorobutadiene
 Concen: 21.697 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066930.D
 Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67678		
223	60.7	31.1	93.3	
227	62.0	31.7	95.1	





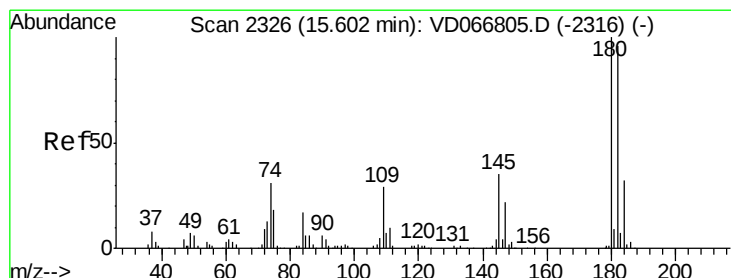
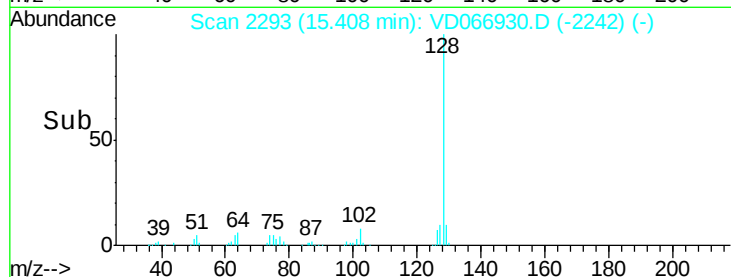
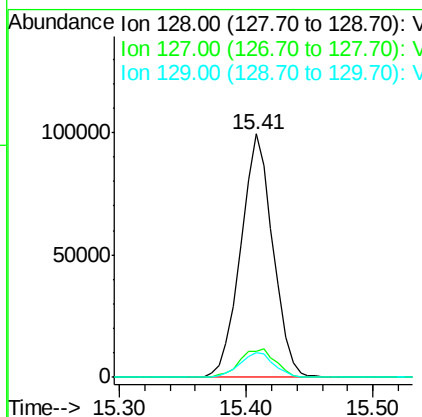
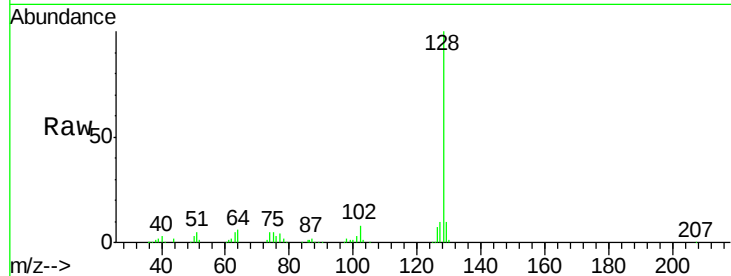
#95
Naphthalene
Concen: 19.757 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.9	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.327 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066930.D
Acq: 29 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.8	140.3
145	35.4	17.0	51.0

