

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066929.D
 Acq On : 29 Sep 2020 10:49
 Operator : VA/SY
 Sample : VD0929SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 1:21:54 PM

Quant Time: Sep 30 03:18:10 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	432583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	661927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	621163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	189622	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
35) Dibromofluoromethane	7.91	113	203090	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	10.34	98	713501	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.63	95	253180	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	75972	21.919	ug/l 96
3) Chloromethane	2.21	50	71227	17.921	ug/l 89
4) Vinyl Chloride	2.35	62	66486	16.932	ug/l 100
5) Bromomethane	2.76	94	46804	16.959	ug/l 98
6) Chloroethane	2.92	64	43806	17.965	ug/l 95
7) Trichlorofluoromethane	3.27	101	155597	19.295	ug/l 99
8) Diethyl Ether	3.71	74	40648	19.855	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	91888	19.651	ug/l 97
10) Methyl Iodide	4.30	142	75766	18.362	ug/l 97
11) Tert butyl alcohol	5.23	59	35161m	110.856	ug/l
12) 1,1-Dichloroethene	4.07	96	80765	19.066	ug/l 98
13) Acrolein	3.93	56	24756	79.261	ug/l 87
14) Allyl chloride	4.71	41	109194	17.555	ug/l 97
15) Acrylonitrile	5.42	53	85587	94.335	ug/l 99
16) Acetone	4.16	43	70605	78.610	ug/l 98
17) Carbon Disulfide	4.41	76	239744	18.512	ug/l 99
18) Methyl Acetate	4.71	43	41878	18.619	ug/l 100
19) Methyl tert-butyl Ether	5.47	73	178968	19.455	ug/l 99
20) Methylene Chloride	4.96	84	108392	18.719	ug/l 90
21) trans-1,2-Dichloroethene	5.47	96	96802	19.736	ug/l 98
22) Diisopropyl ether	6.36	45	243373	19.030	ug/l 96
23) Vinyl Acetate	6.31	43	578909	85.154	ug/l 95
24) 1,1-Dichloroethane	6.27	63	160049	18.707	ug/l 98
25) 2-Butanone	7.21	43	97394	90.234	ug/l 99
26) 2,2-Dichloropropane	7.20	77	148483	18.935	ug/l 100
27) cis-1,2-Dichloroethene	7.21	96	103659	19.451	ug/l 99
28) Bromochloromethane	7.54	49	62381	17.649	ug/l # 9
29) Tetrahydrofuran	7.56	42	67201	97.168	ug/l 97
30) Chloroform	7.71	83	177807	19.279	ug/l 98
31) Cyclohexane	7.98	56	138317	17.967	ug/l # 93
32) 1,1,1-Trichloroethane	7.90	97	157397	18.866	ug/l 98
36) 1,1-Dichloropropene	8.11	75	127417	19.403	ug/l 96
37) Ethyl Acetate	7.29	43	46348	19.523	ug/l # 93
38) Carbon Tetrachloride	8.09	117	145162	20.219	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	151792	20.132	ug/l	98
40) Benzene	8.35	78	370199	20.228	ug/l	96
41) Methacrylonitrile	7.53	41	28052	19.215	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	104806	19.371	ug/l	97
43) Isopropyl Acetate	8.45	43	91916	20.083	ug/l	100
44) Trichloroethene	9.11	130	108954	20.886	ug/l	99
45) 1,2-Dichloropropane	9.38	63	90408	19.634	ug/l	95
46) Dibromomethane	9.47	93	52707	21.067	ug/l	99
47) Bromodichloromethane	9.66	83	136295	20.280	ug/l #	94
48) Methyl methacrylate	9.46	41	41786	18.517	ug/l	94
49) 1,4-Dioxane	9.46	88	12557	378.041	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	230322	99.314	ug/l	99
52) Toluene	10.40	92	245577	20.831	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	120251	21.022	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	141420	20.275	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	72067	20.954	ug/l	98
56) Ethyl methacrylate	10.66	69	76798	20.843	ug/l	98
57) 1,3-Dichloropropane	10.94	76	117631	20.713	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	216108	123.873	ug/l	99
59) 2-Hexanone	10.98	43	155973	99.729	ug/l	98
60) Dibromochloromethane	11.14	129	95197	21.208	ug/l	97
61) 1,2-Dibromoethane	11.24	107	69012	21.573	ug/l	98
64) Tetrachloroethene	10.87	164	93847	21.004	ug/l	96
65) Chlorobenzene	11.67	112	260863	20.175	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	101871	20.817	ug/l	99
67) Ethyl Benzene	11.74	91	445212	19.605	ug/l	100
68) m/p-Xylenes	11.85	106	354822	41.268	ug/l	99
69) o-Xylene	12.18	106	154313	19.849	ug/l	98
70) Styrene	12.20	104	279541	20.705	ug/l	99
71) Bromoform	12.36	173	52882	21.343	ug/l #	100
73) Isopropylbenzene	12.48	105	434894	20.279	ug/l	98
74) N-amyl acetate	12.29	43	80167	19.142	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	75233	20.330	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	56155m	22.825	ug/l	
77) Bromobenzene	12.76	156	103344	20.604	ug/l	97
78) n-propylbenzene	12.82	91	528912	20.500	ug/l	99
79) 2-Chlorotoluene	12.91	91	294389	20.023	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	372512	20.471	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20360	20.705	ug/l	100
82) 4-Chlorotoluene	13.01	91	317833	20.507	ug/l	100
83) tert-Butylbenzene	13.23	119	309294	20.684	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	370430	20.529	ug/l	100
85) sec-Butylbenzene	13.40	105	430343	20.014	ug/l	99
86) p-Isopropyltoluene	13.52	119	403450	20.816	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	204889	20.676	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	203431	20.670	ug/l	99
89) n-Butylbenzene	13.85	91	368657	20.011	ug/l	98
90) Hexachloroethane	14.11	117	76534	19.450	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	176622	20.833	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11310	18.999	ug/l	85

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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)
93) 1,2,4-Trichlorobenzene	15.17	180	111438	20.881	ug/l	97
94) Hexachlorobutadiene	15.27	225	67020	20.956	ug/l	97
95) Naphthalene	15.41	128	183036	20.201	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	98746	21.437	ug/l	98

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

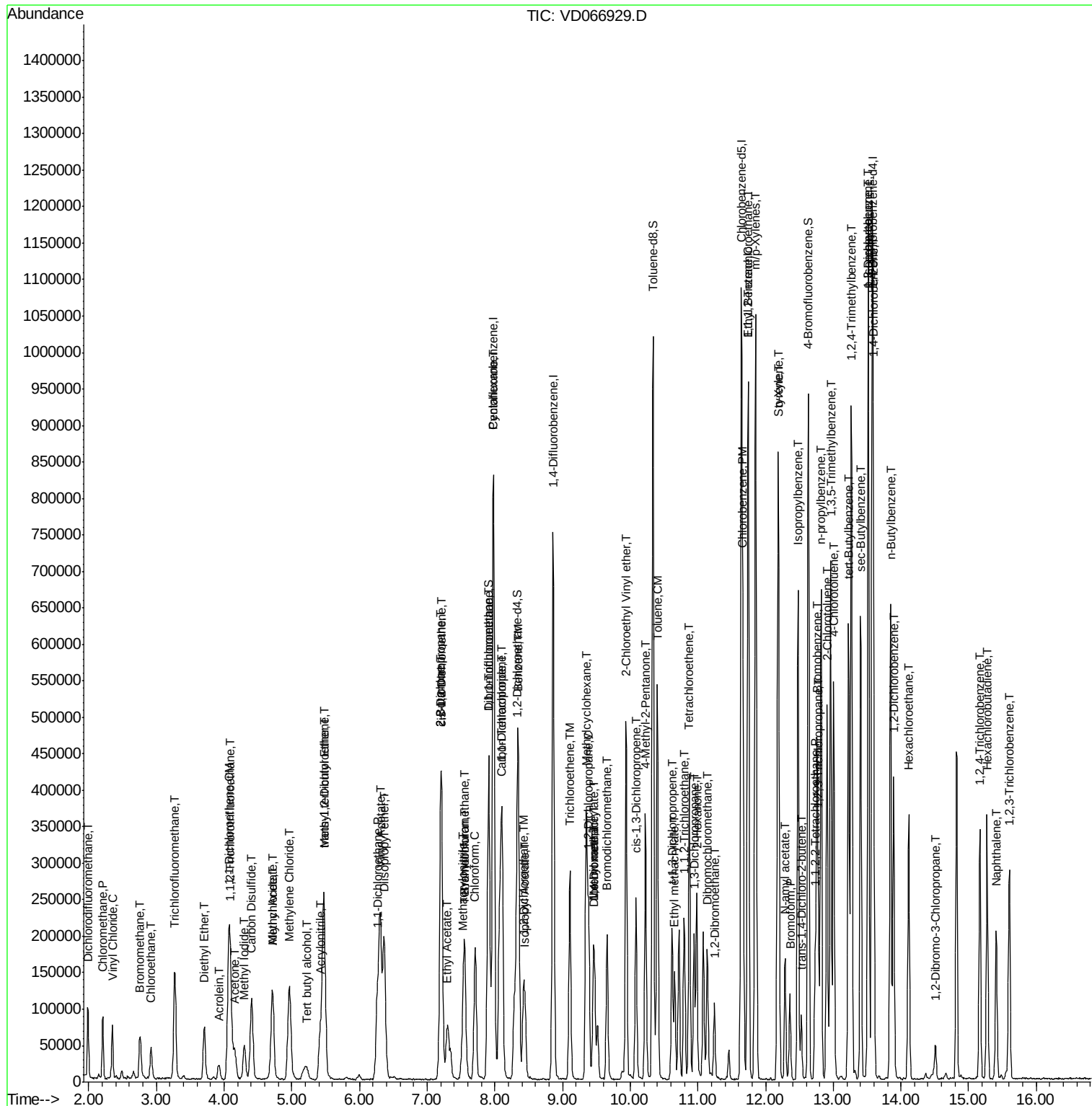
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092920\
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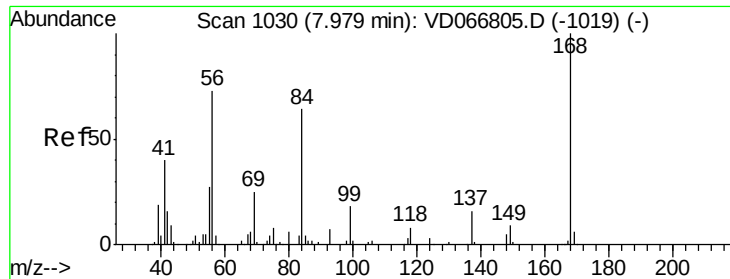
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Manual Integrations
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion:168 Resp: 432583

Ion Ratio Lower Upper

168 100

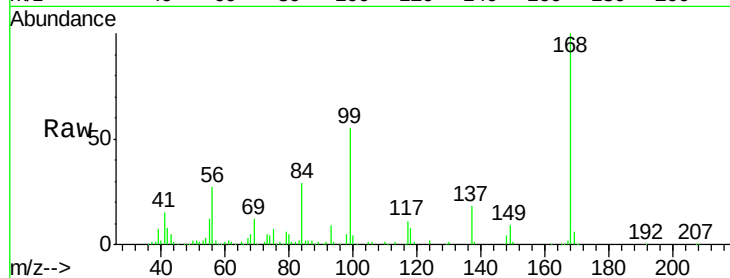
99 54.9 46.6 69.8

Manual Integrations

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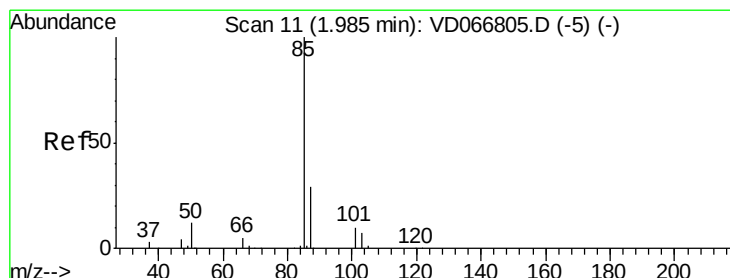
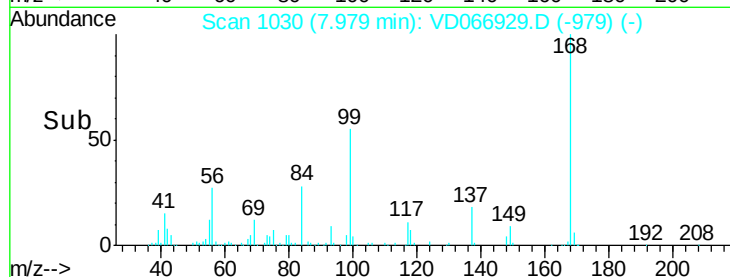
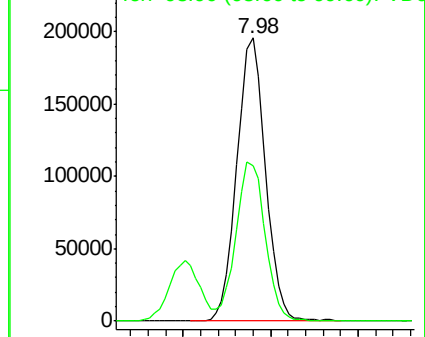
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.919 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066929.D

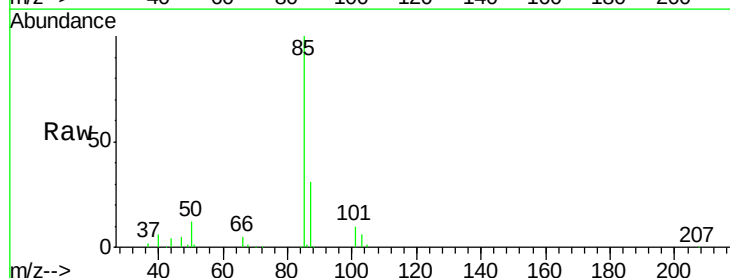
Acq: 29 Sep 2020 10:49

Tgt Ion: 85 Resp: 75972

Ion Ratio Lower Upper

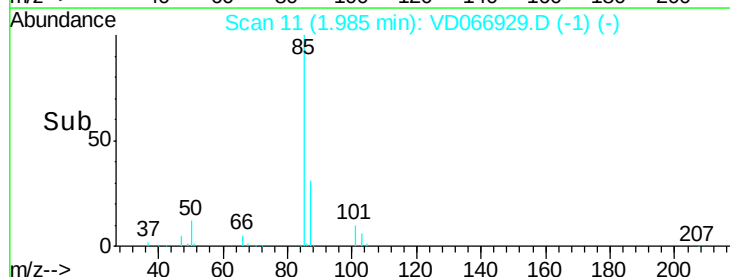
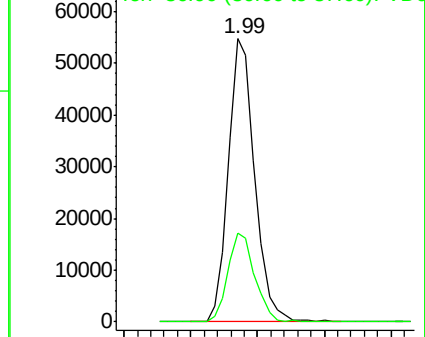
85 100

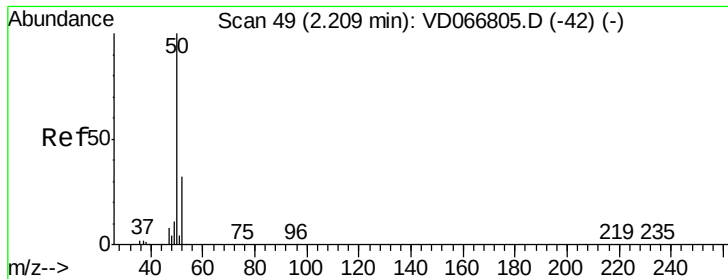
87 31.2 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.921 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tot Ion: 50 Resp: 71227

Ion Ratio Lower Upper

50 100

52 38.0 25.5 38.3

Instrument :

MSVOA_D

ClientSampleId :

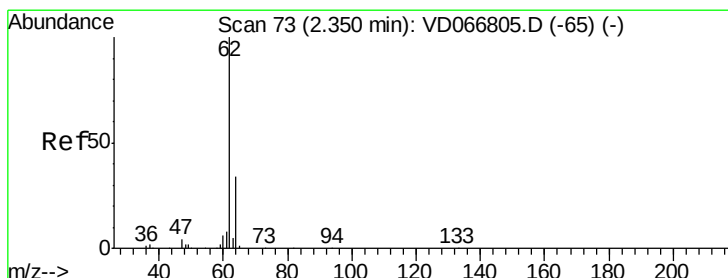
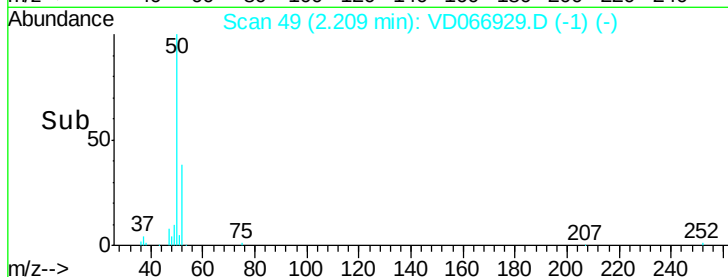
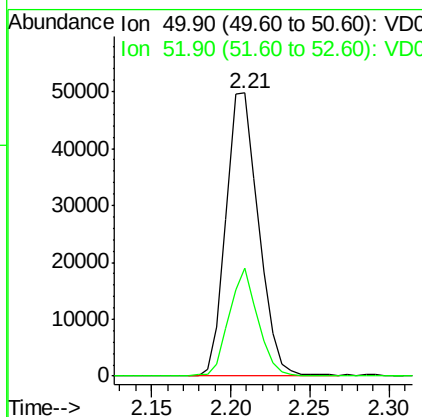
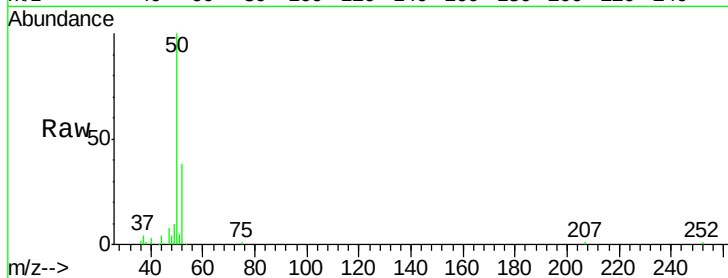
VD0929SBS01

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.932 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066929.D

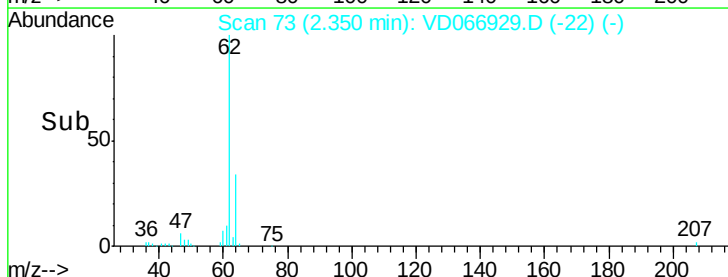
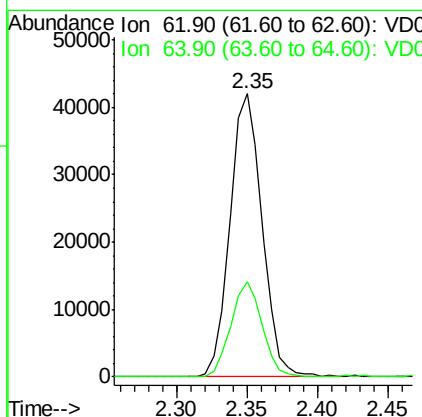
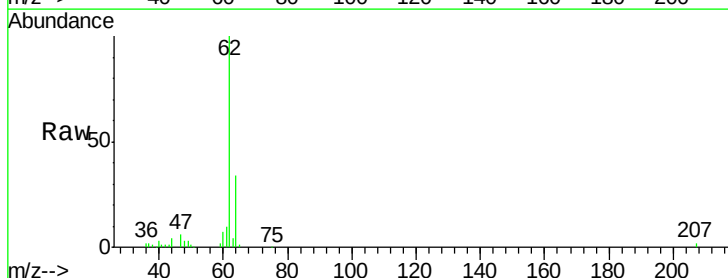
Acq: 29 Sep 2020 10:49

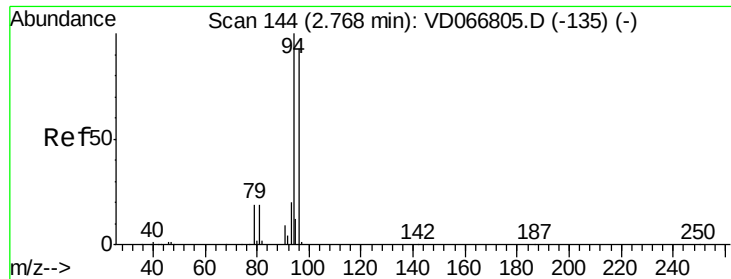
Tgt Ion: 62 Resp: 66486

Ion Ratio Lower Upper

62 100

64 33.7 27.0 40.4





#5

Bromomethane

Concen: 16.959 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 94 Resp: 46804

Ion Ratio Lower Upper

94 100

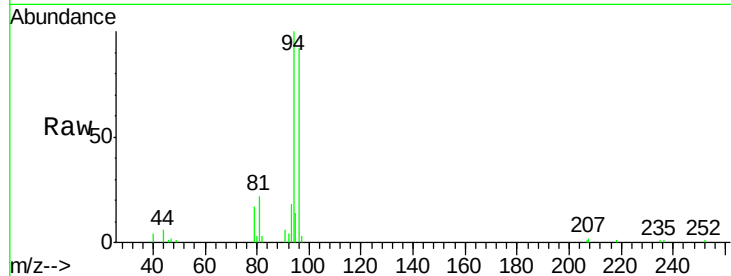
96 90.8 74.3 111.5

Manual Integrations

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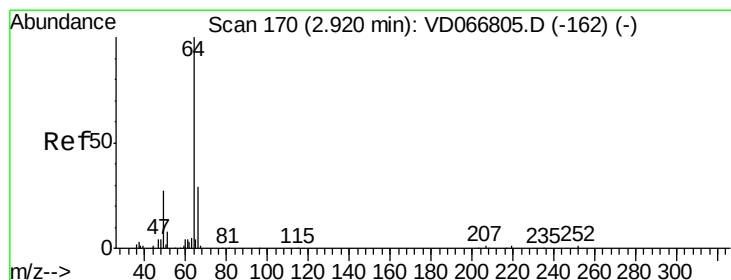
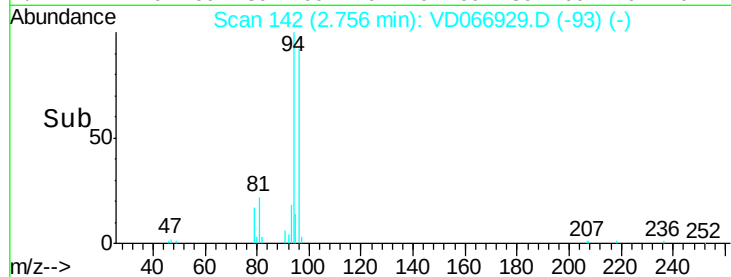
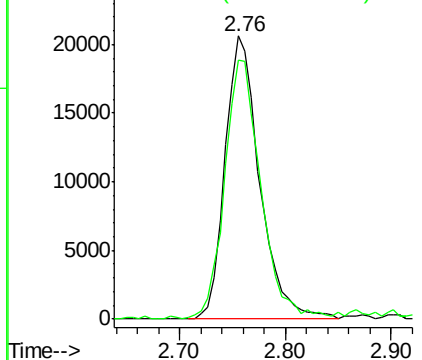
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 17.965 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066929.D

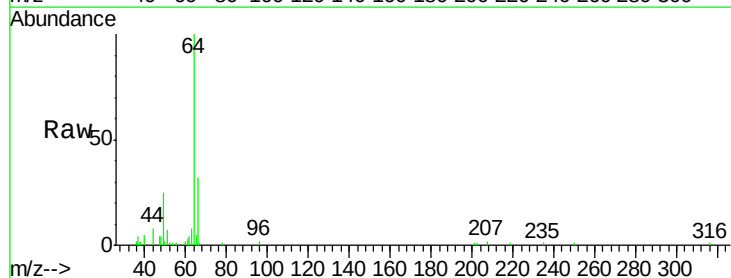
Acq: 29 Sep 2020 10:49

Tgt Ion: 64 Resp: 43806

Ion Ratio Lower Upper

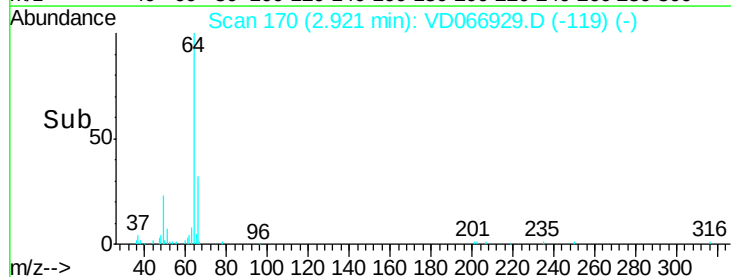
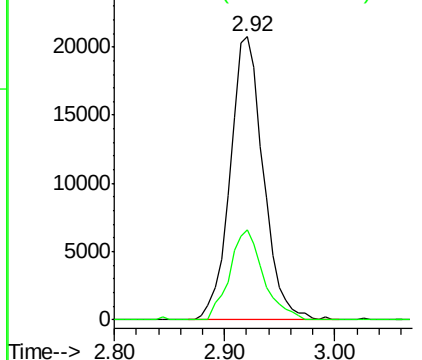
64 100

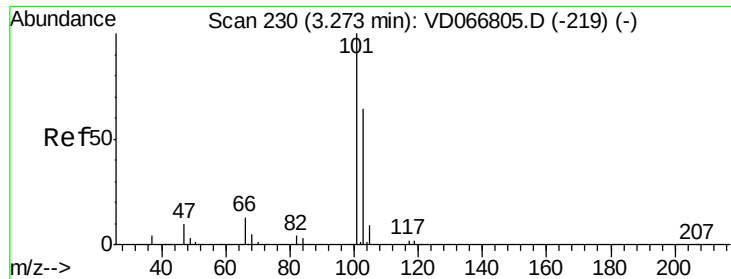
66 32.0 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

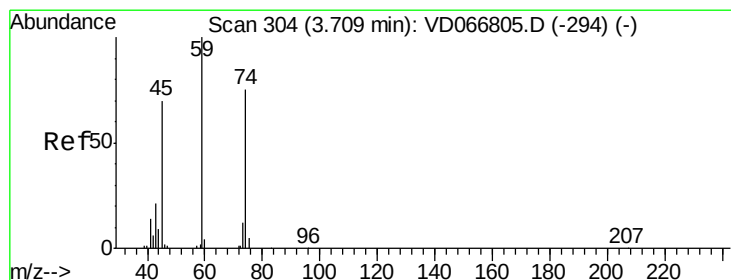
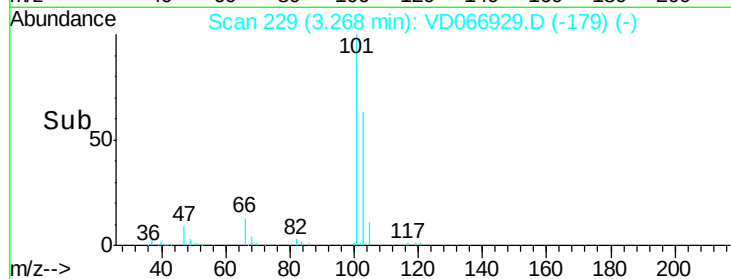
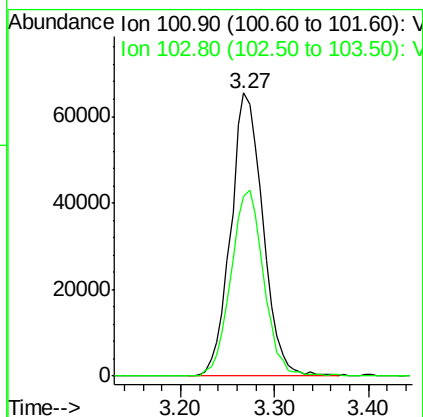
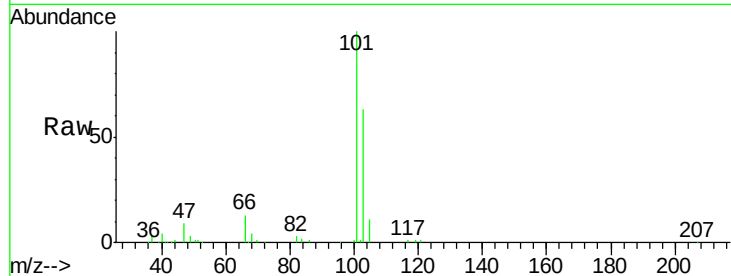
Trichlorofluoromethane
 Concen: 19.295 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	155597		
103	63.3	51.0	76.6	

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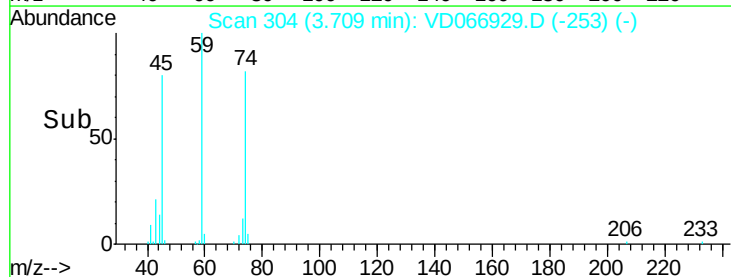
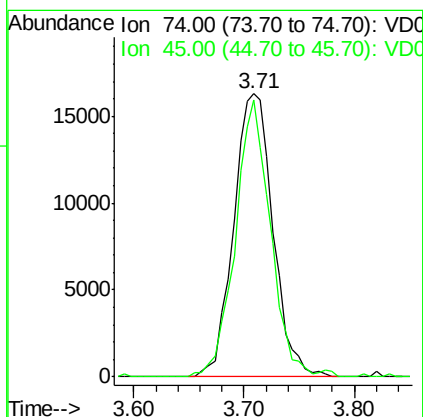
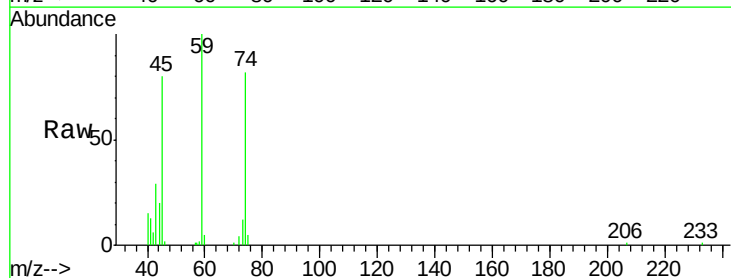
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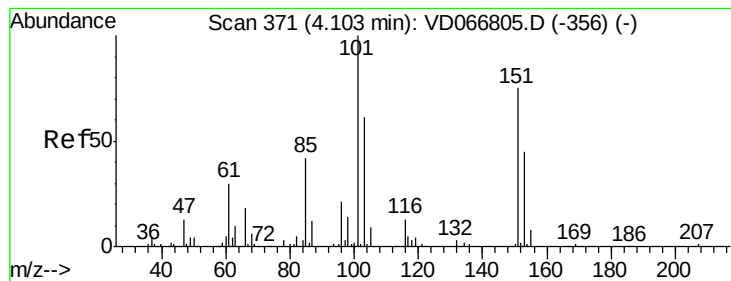


#8

Diethyl Ether
 Concen: 19.855 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	40648		
45	87.3	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.651 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

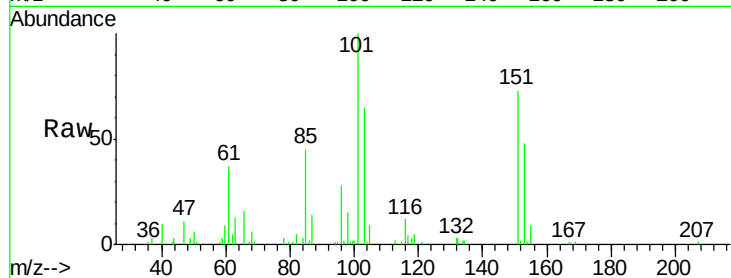
ClientSampleId :

VD0929SBS01

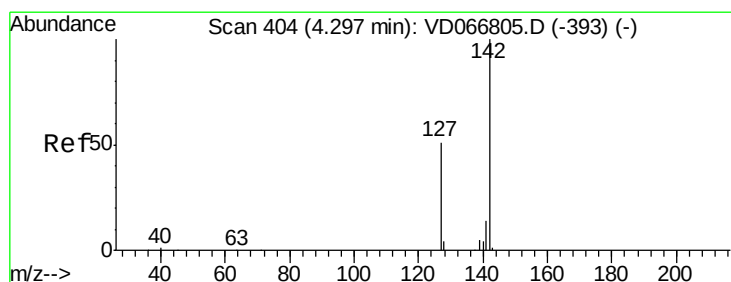
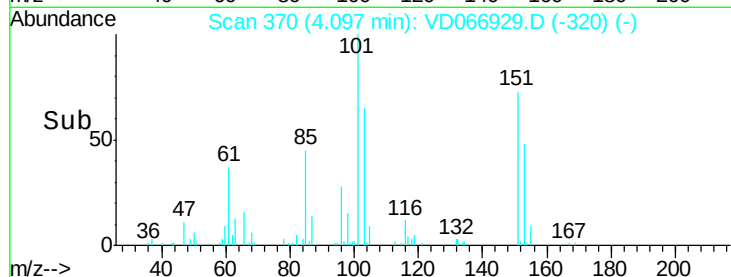
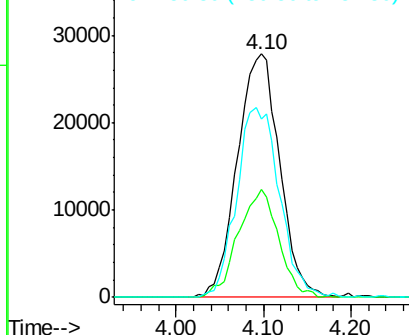
Tot Ion:	101	Resp:	91888
Ion Ratio	Lower	Upper	
101	100		
85	42.2	35.4	53.2
151	79.0	61.4	92.0

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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: 18.362 ug/l

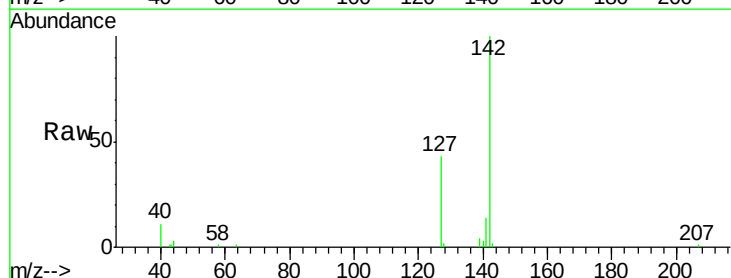
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

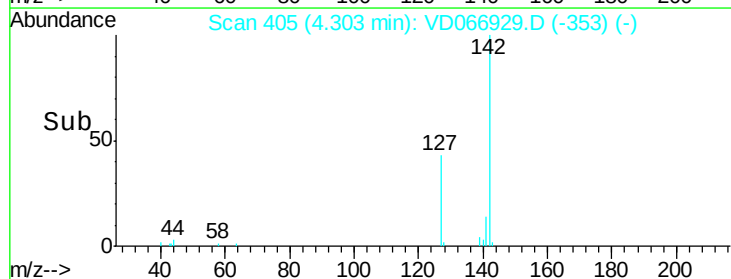
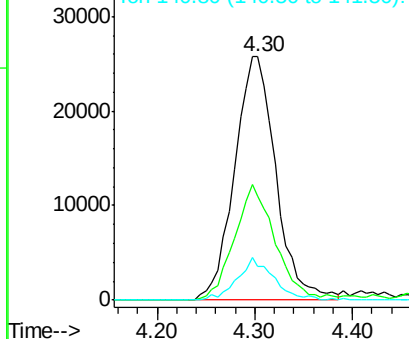
Lab File: VD066929.D

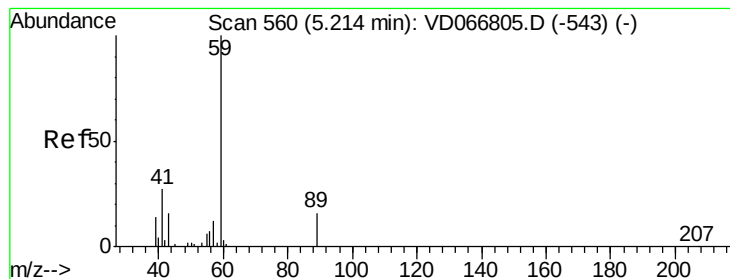
Acq: 29 Sep 2020 10:49

Tgt Ion:	142	Resp:	75766
Ion Ratio	Lower	Upper	
142	100		
127	46.5	39.4	59.0
141	15.2	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: 110.856 ug/l m

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 59 Resp: 35161

Ion Ratio Lower Upper

59 100

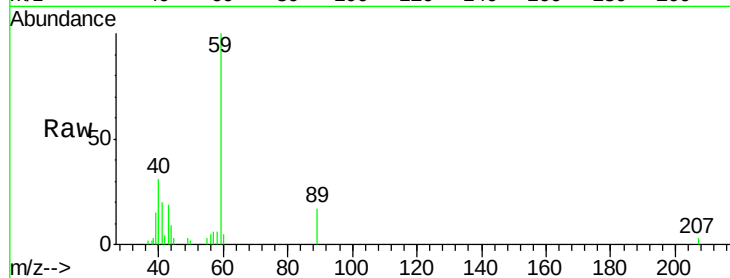
57 4.0 8.3 12.5#

Manual Integrations

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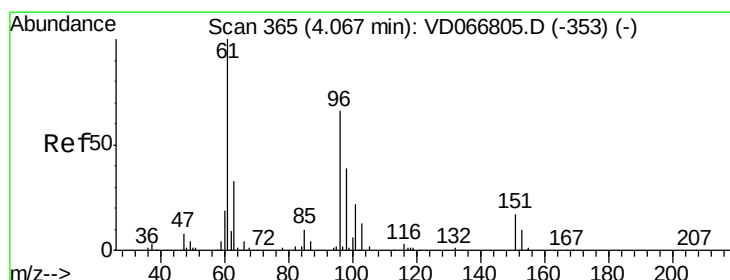
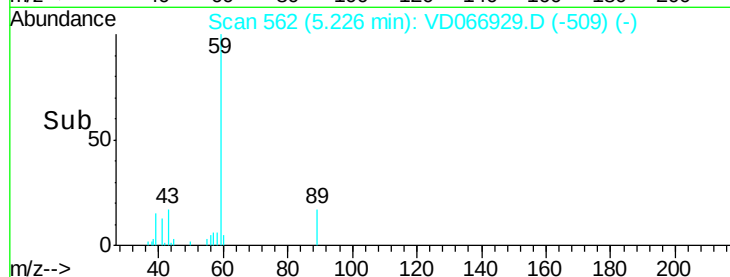
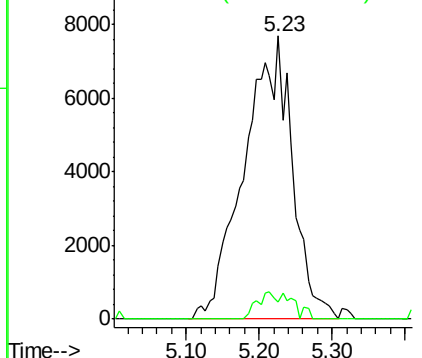
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Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.066 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

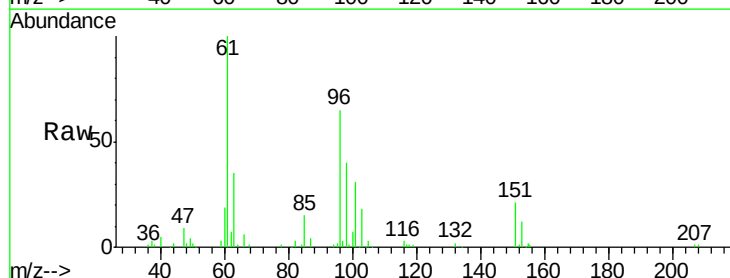
Tgt Ion: 96 Resp: 80765

Ion Ratio Lower Upper

96 100

61 152.9 120.8 181.2

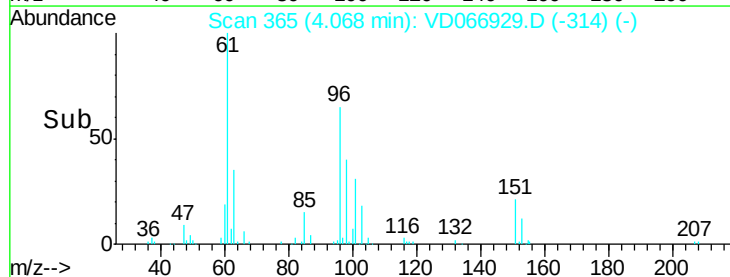
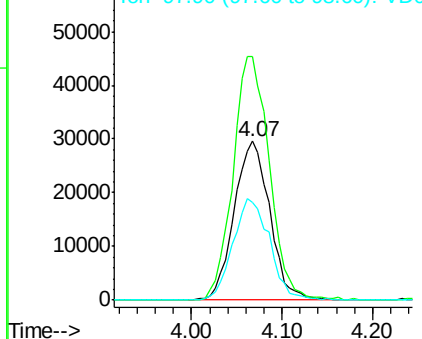
98 61.7 47.7 71.5

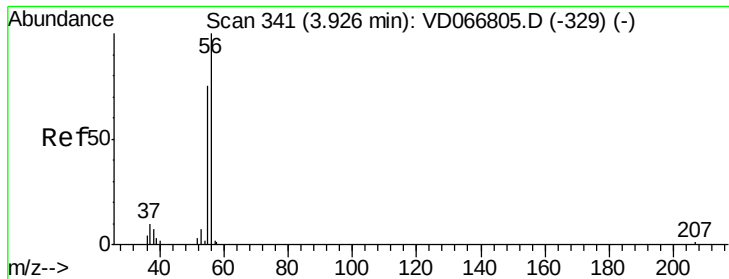


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 79.261 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 56 Resp: 24756

Ion Ratio Lower Upper

56 100

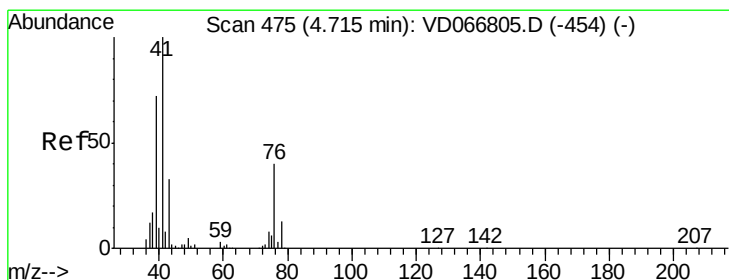
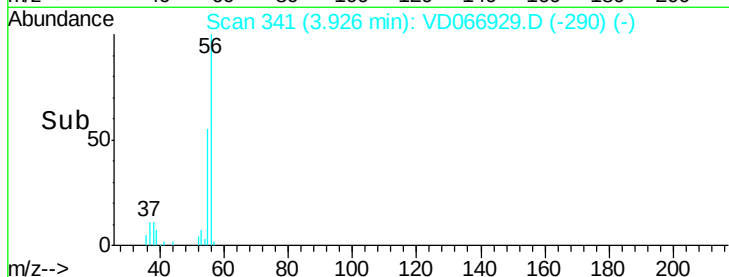
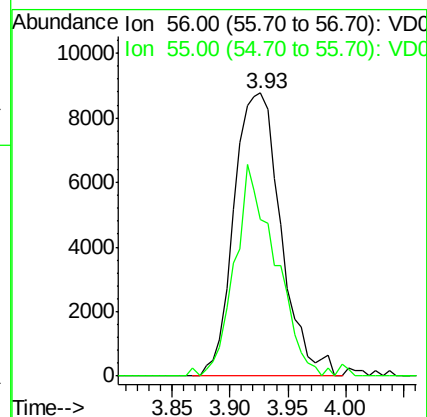
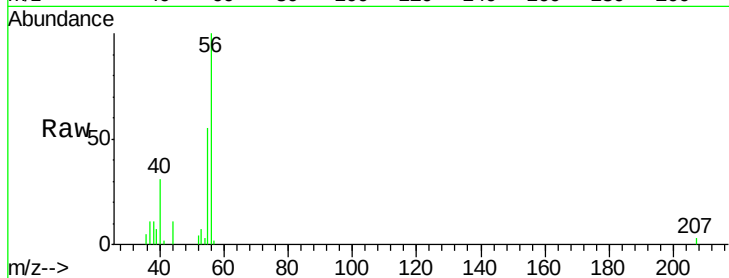
55 64.7 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 17.555 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

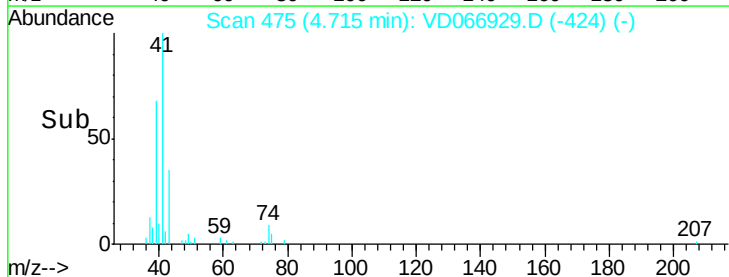
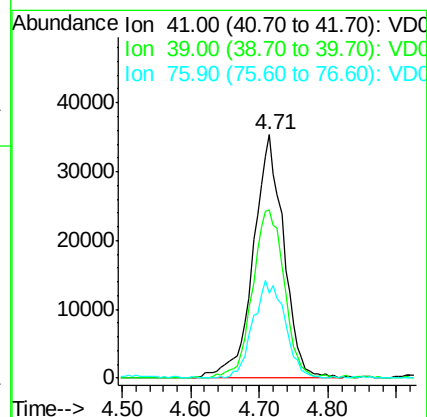
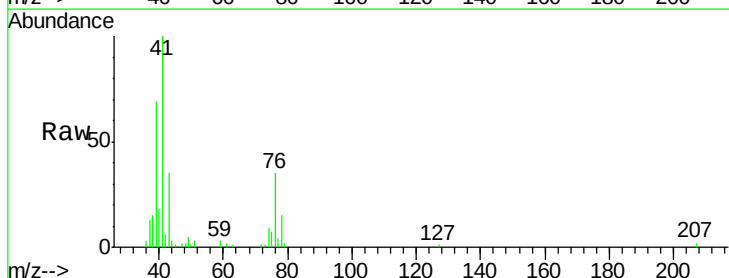
Tgt Ion: 41 Resp: 109194

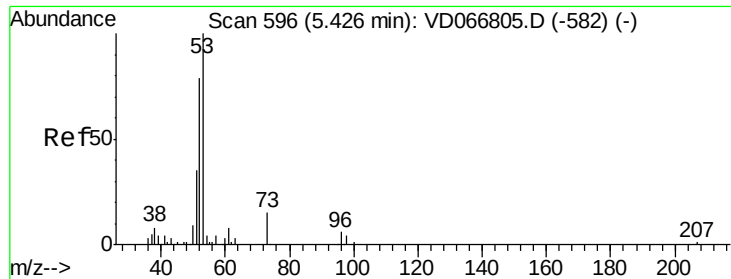
Ion Ratio Lower Upper

41 100

39 71.3 57.8 86.8

76 41.6 30.9 46.3





#15

Acrylonitrile

Concen: 94.335 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

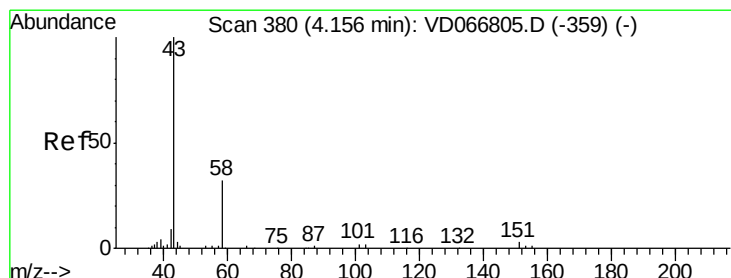
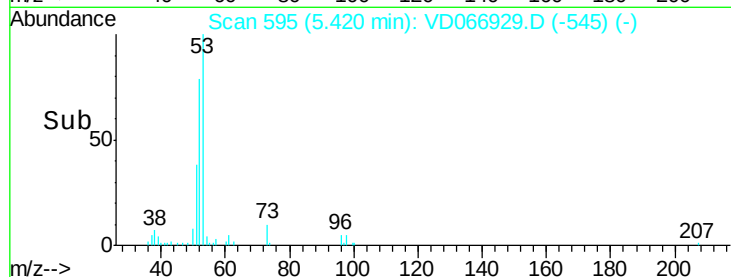
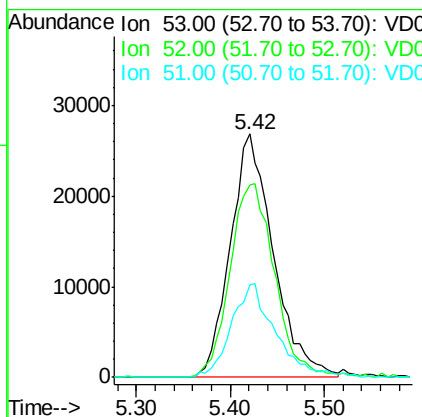
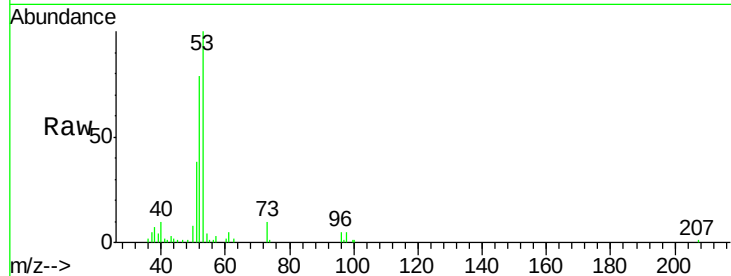
ClientSampleId :

VD0929SBS01

Tot Ion:	53	Resp:	85587
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.2	97.8
51	39.2	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 78.610 ug/l

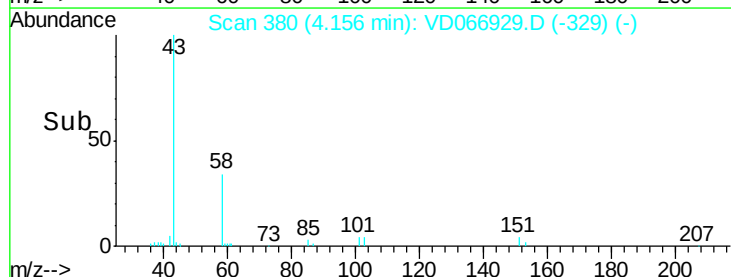
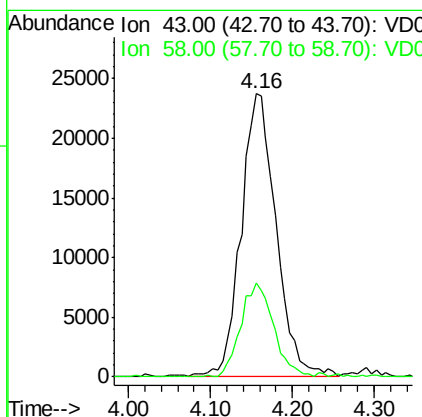
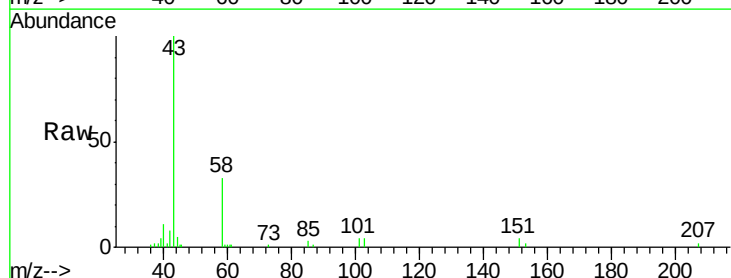
RT: 4.16 min Scan# 380

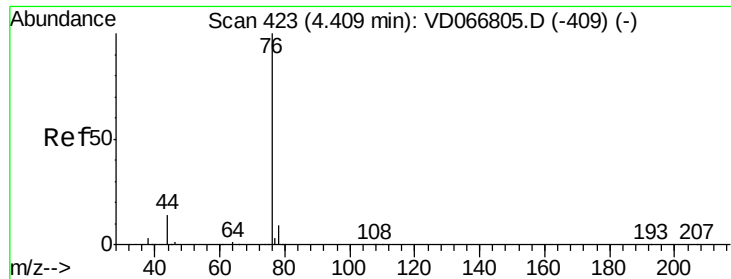
Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion:	43	Resp:	70605
Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.6	38.4





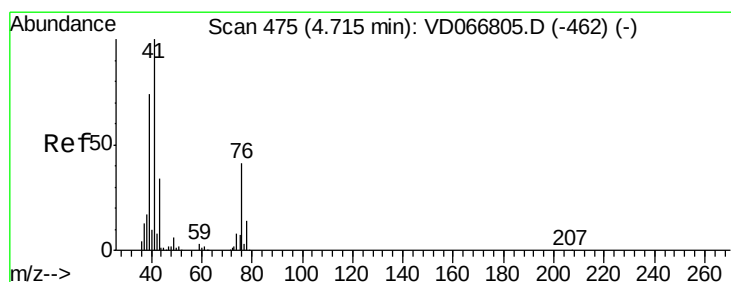
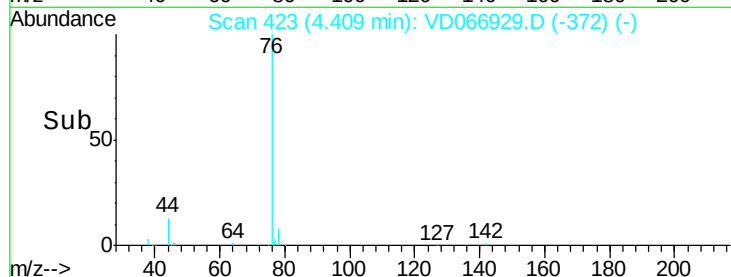
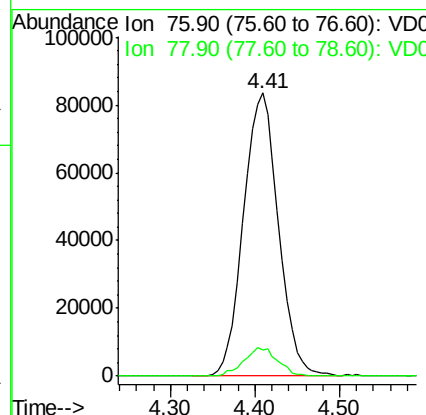
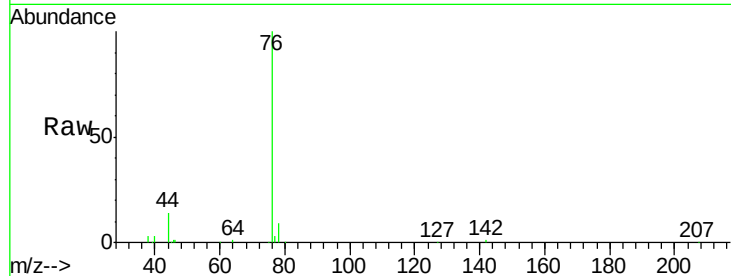
#17
Carbon Disulfide
Concen: 18.512 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion: 76 Resp: 239744
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

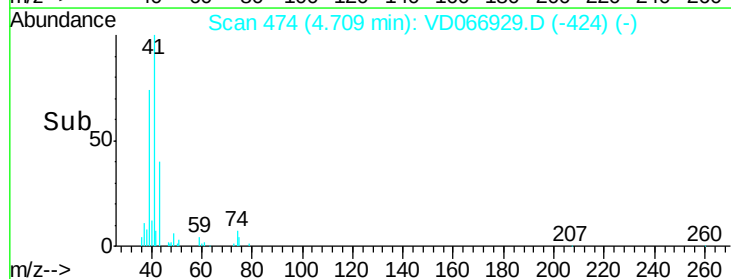
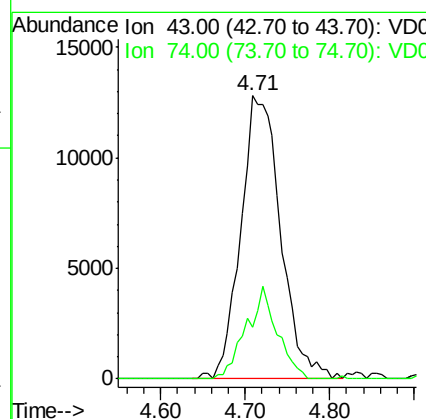
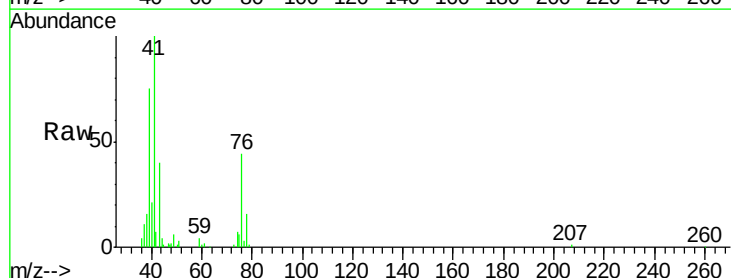
Manual Integrations
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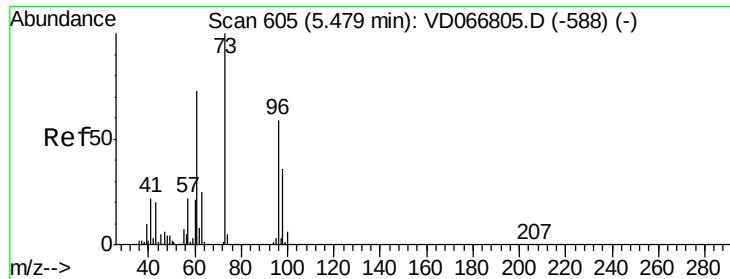
MMDadoda
9/30/2020 1:21:54 PM



#18
Methyl Acetate
Concen: 18.619 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 43 Resp: 41878
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5





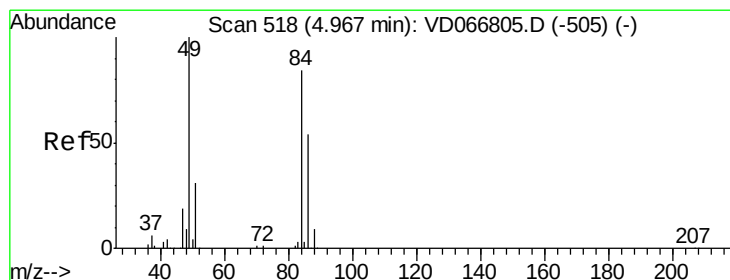
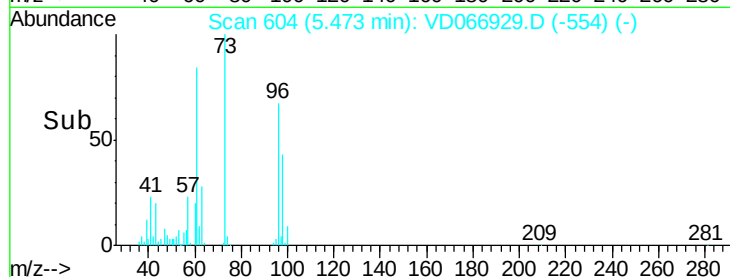
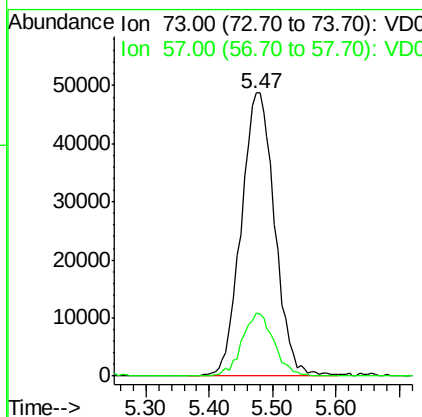
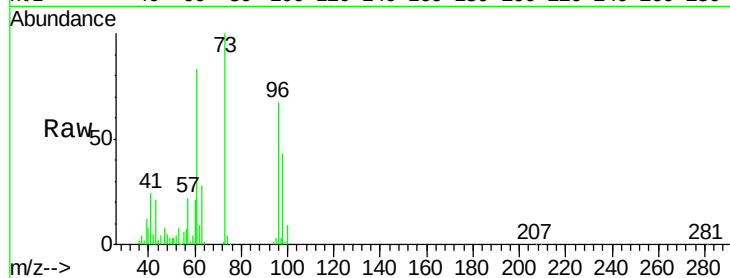
#19
Methyl tert-butyl Ether
Concen: 19.455 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion: 73 Resp: 178968
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.2

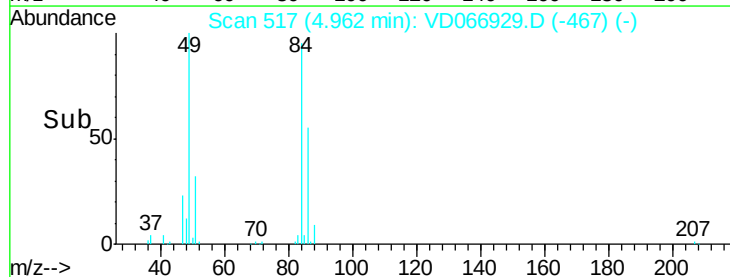
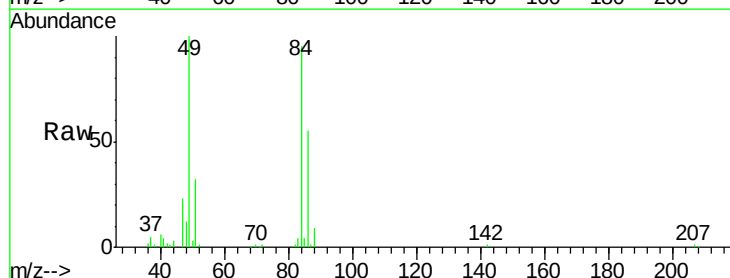
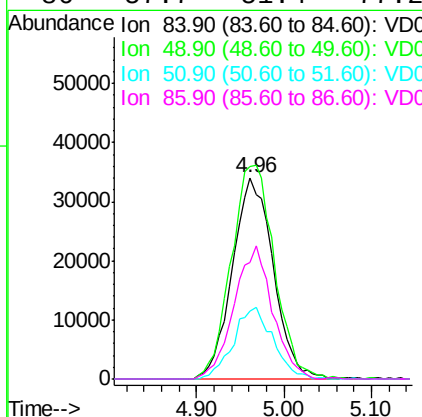
Manual Integrations
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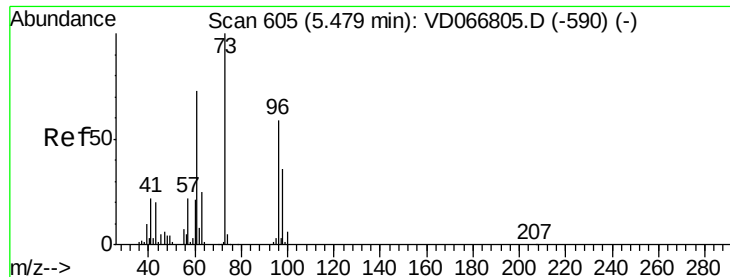
MMDadoda
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#20
Methylene Chloride
Concen: 18.719 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 84 Resp: 108392
Ion Ratio Lower Upper
84 100
49 105.3 95.4 143.2
51 33.5 29.7 44.5
86 57.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 19.736 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

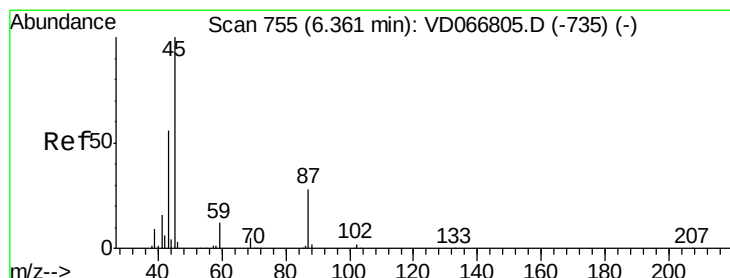
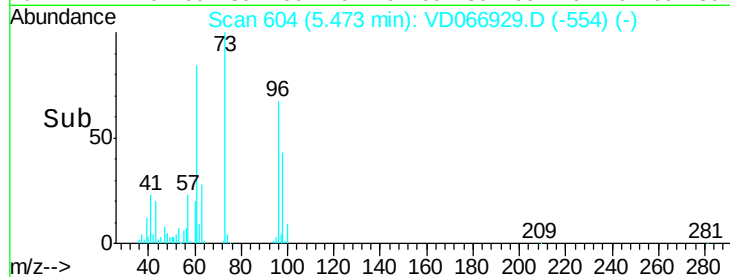
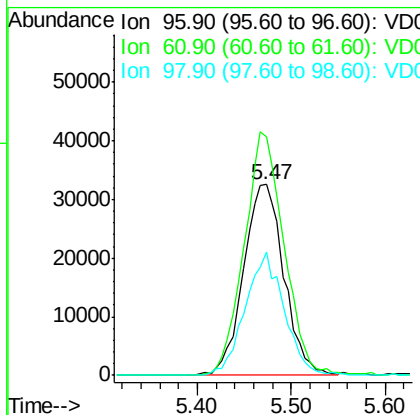
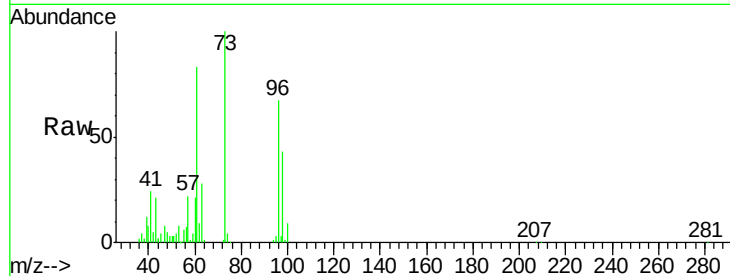
ClientSampleId :

VD0929SBS01

Tot Ion:	96	Resp:	96802
Ion	Ratio	Lower	Upper
96	100		
61	124.5	98.9	148.3
98	64.5	48.4	72.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.030 ug/l

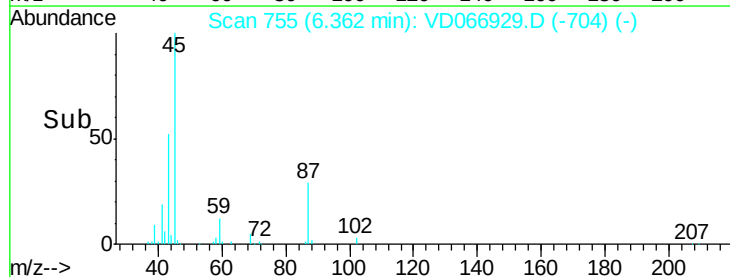
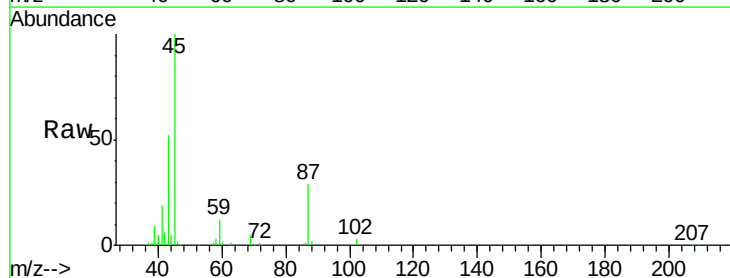
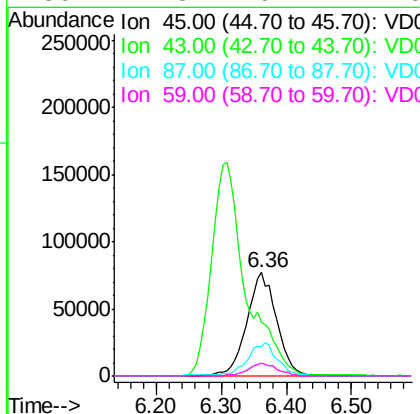
RT: 6.36 min Scan# 755

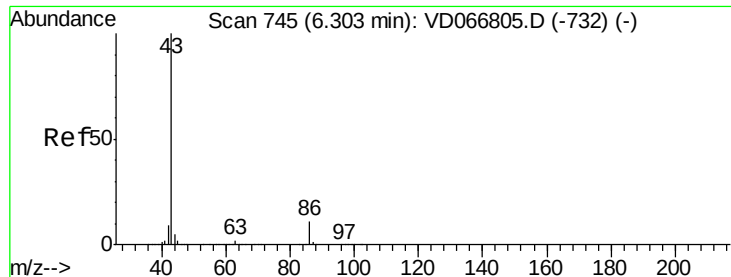
Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion:	45	Resp:	243373
Ion	Ratio	Lower	Upper
45	100		
43	51.5	44.5	66.7
87	29.0	22.9	34.3
59	12.3	9.4	14.0





#23

Vinyl Acetate

Concen: 85.154 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tot Ion: 43 Resp: 578909

Ion Ratio Lower Upper

43 100

86 12.8 8.9 13.3

Instrument :

MSVOA_D

ClientSampleId :

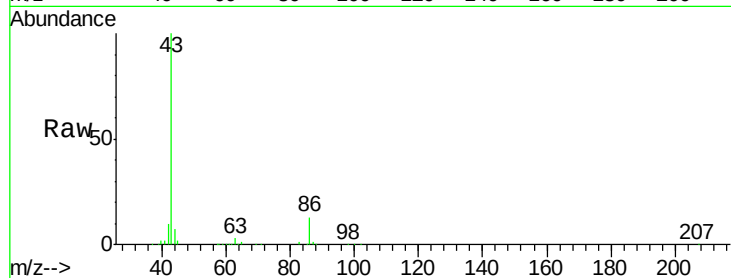
VD0929SBS01

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

150000

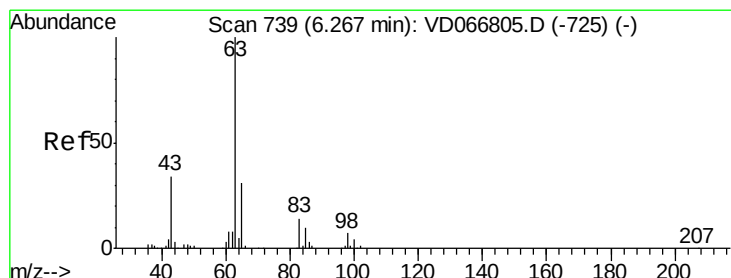
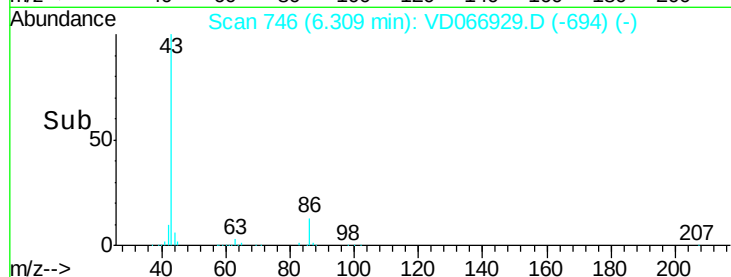
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 18.707 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

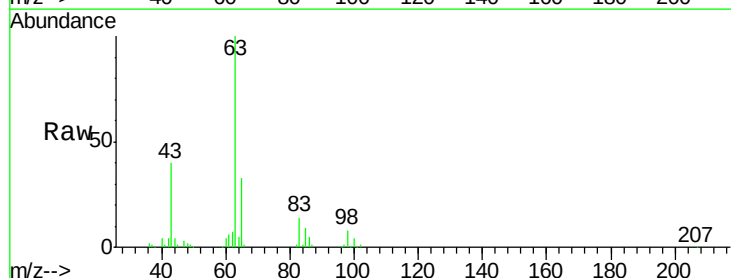
Tgt Ion: 63 Resp: 160049

Ion Ratio Lower Upper

63 100

98 8.0 3.7 11.1

100 4.3 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

60000

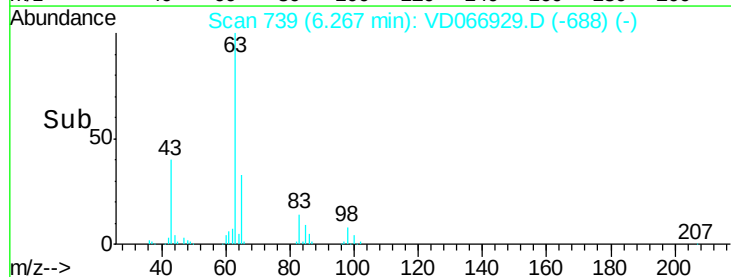
40000

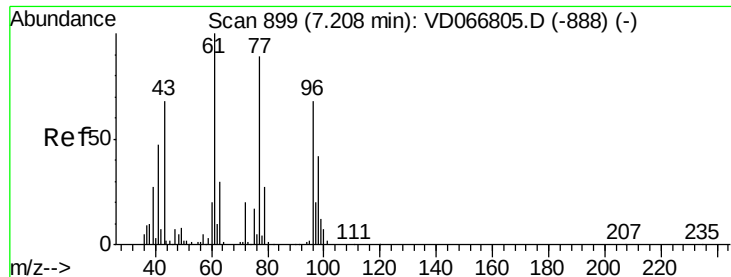
20000

0

6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 90.234 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 43 Resp: 97394

Ion Ratio Lower Upper

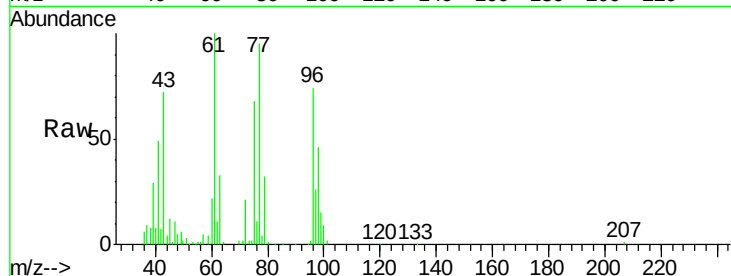
43 100

72 29.3 22.9 34.3

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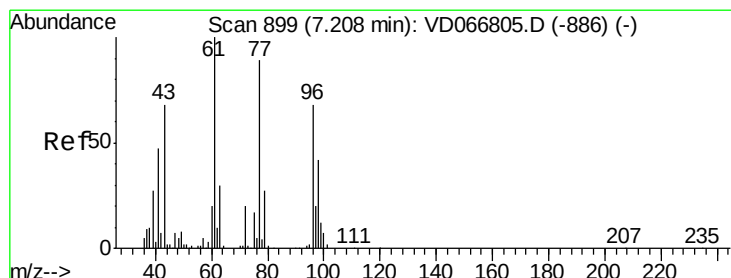
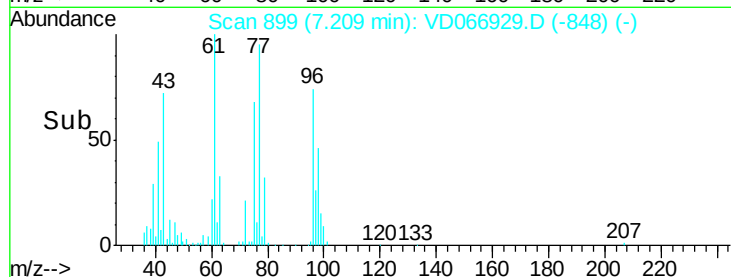
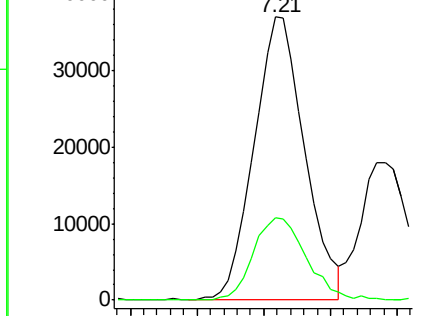
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.935 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066929.D

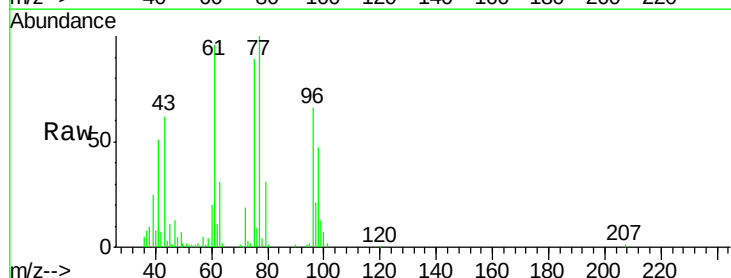
Acq: 29 Sep 2020 10:49

Tgt Ion: 77 Resp: 148483

Ion Ratio Lower Upper

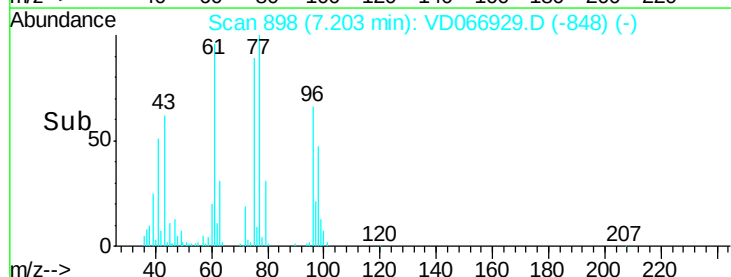
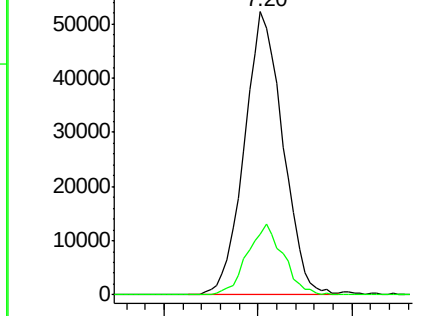
77 100

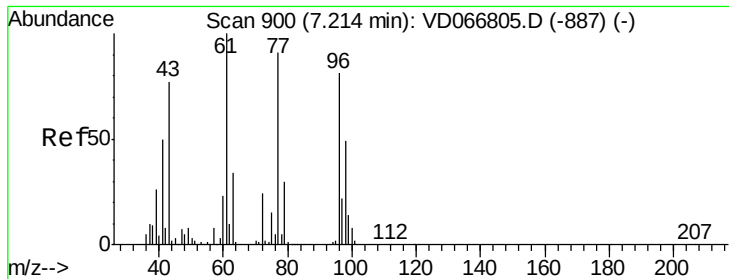
97 23.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

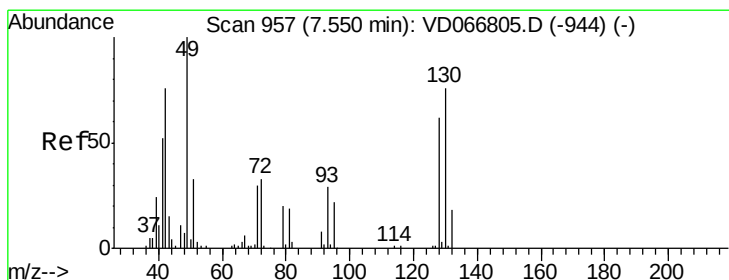
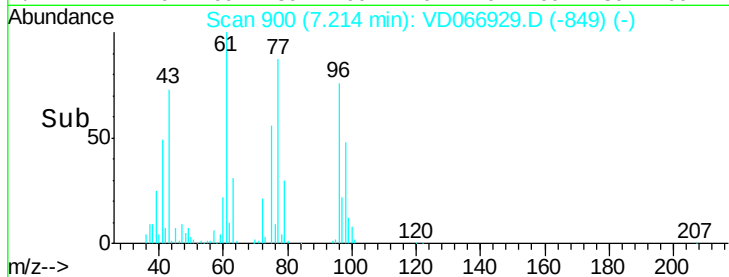
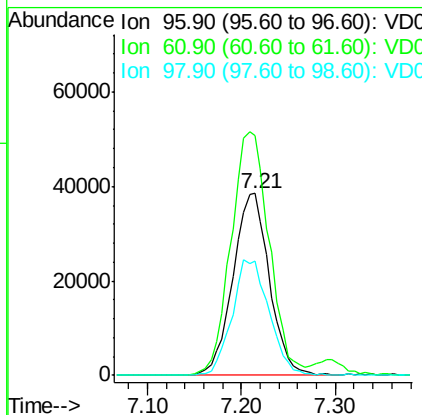
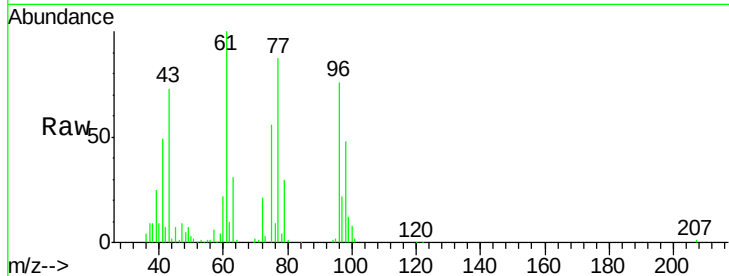
cis-1,2-Dichloroethene
 Concen: 19.451 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	283.8
98	64.4	0.0	128.4

Manual Integrations
 APPROVED

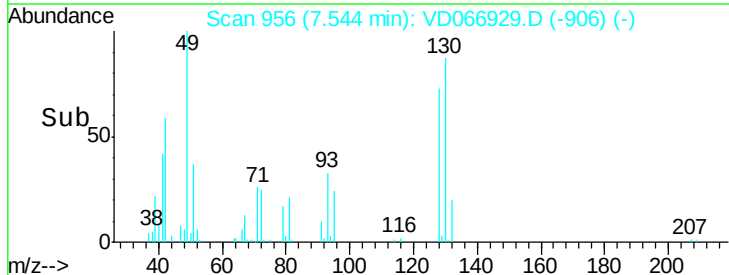
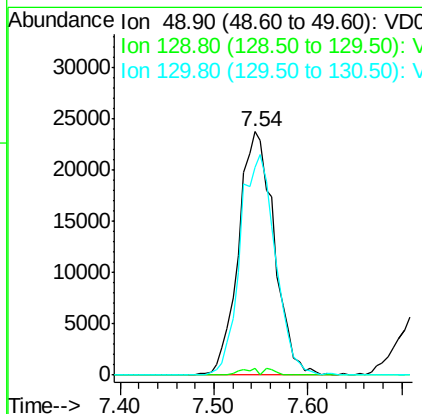
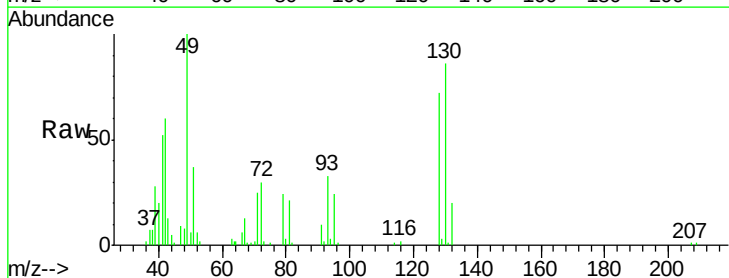
MMDadoda
 9/30/2020 1:21:54 PM

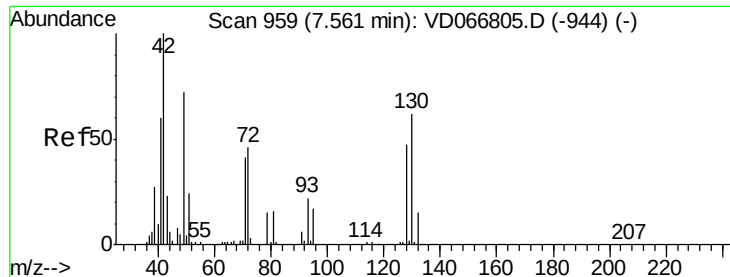


#28

Bromochloromethane
 Concen: 17.649 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.0
130	0.0	65.9	98.9#





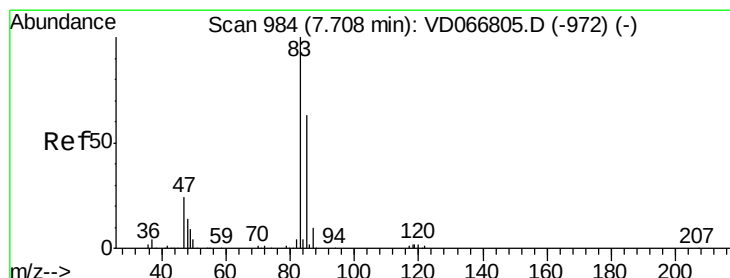
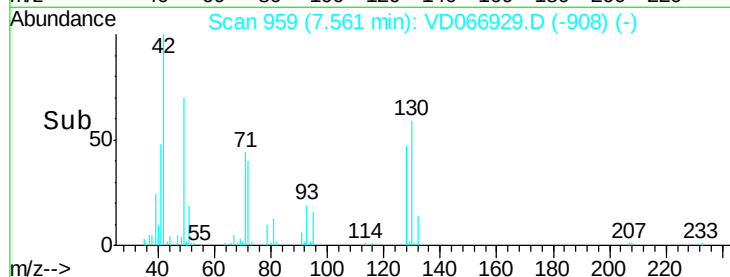
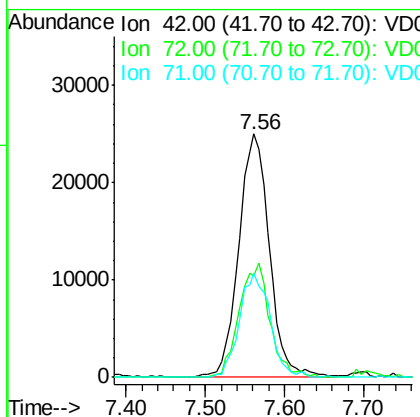
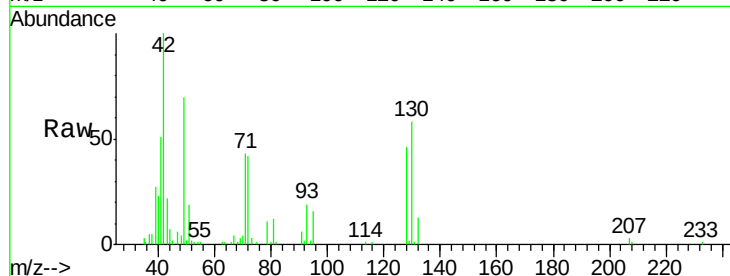
#29
Tetrahydrofuran
Concen: 97.168 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	36.2	54.4
71	42.6	32.4	48.6

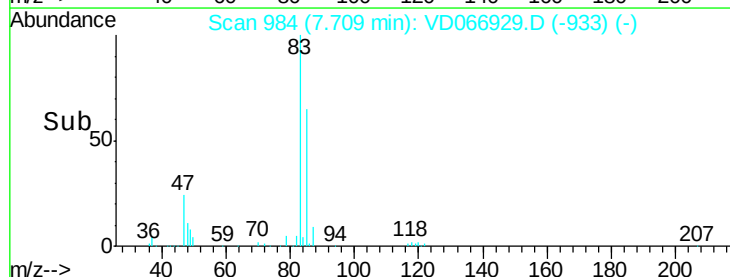
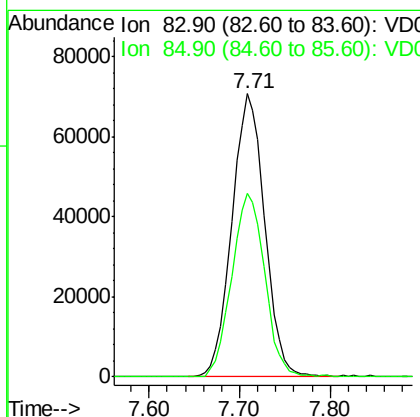
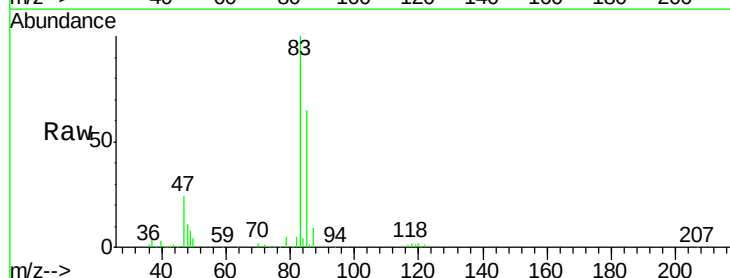
Manual Integrations
APPROVED

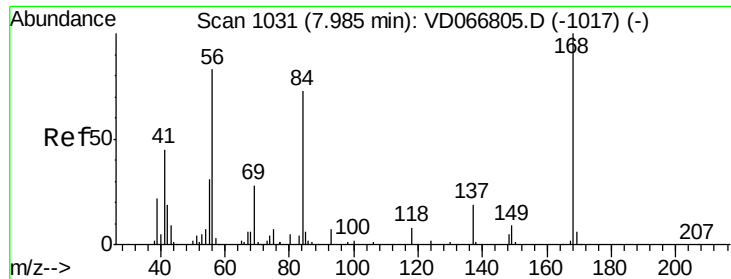
MMDadoda
9/30/2020 1:21:54 PM



#30
Chloroform
Concen: 19.279 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.6	75.8





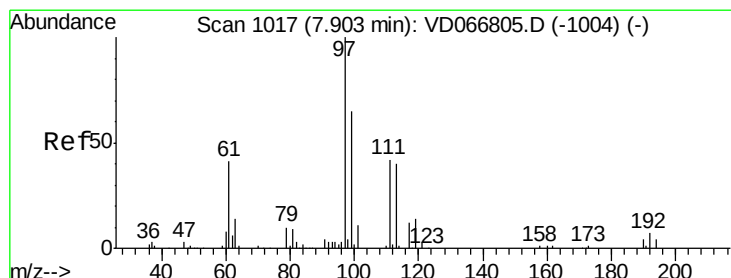
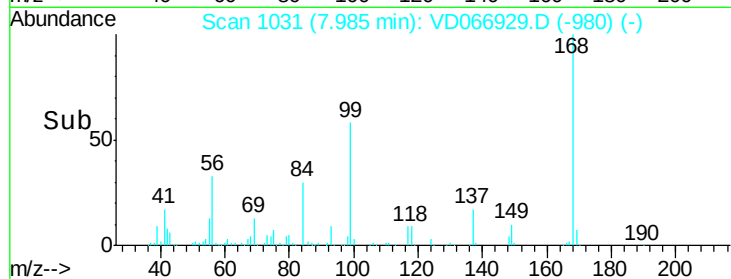
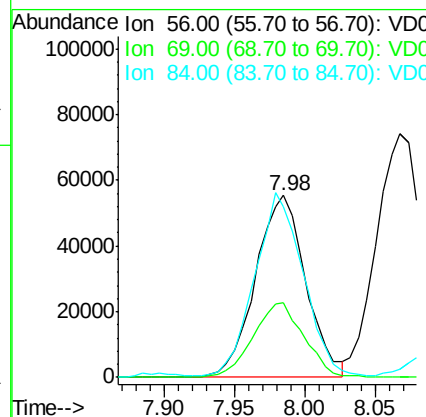
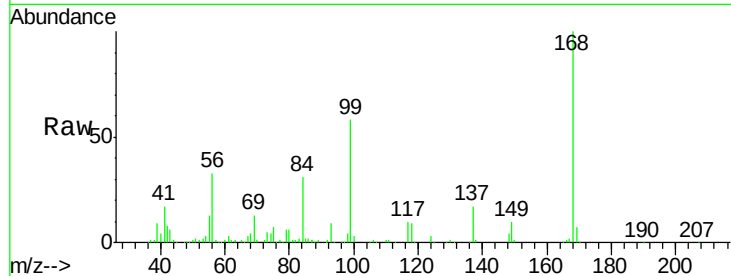
#31
Cyclohexane
Concen: 17.967 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.8	27.0	40.4#
84	92.3	70.2	105.4

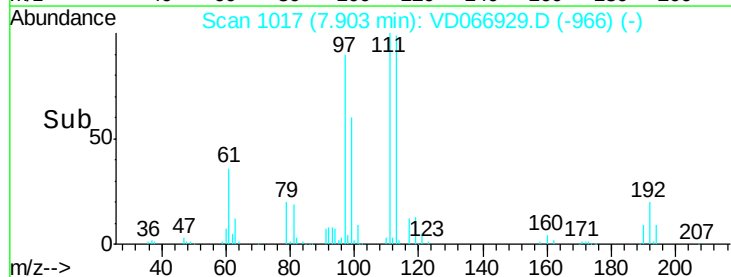
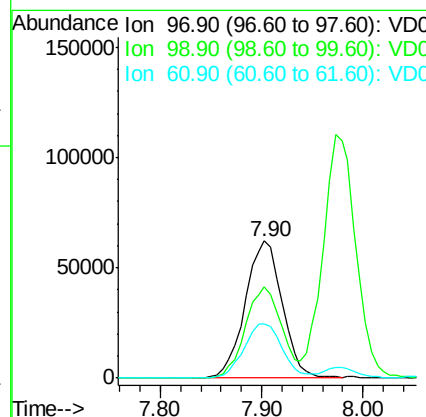
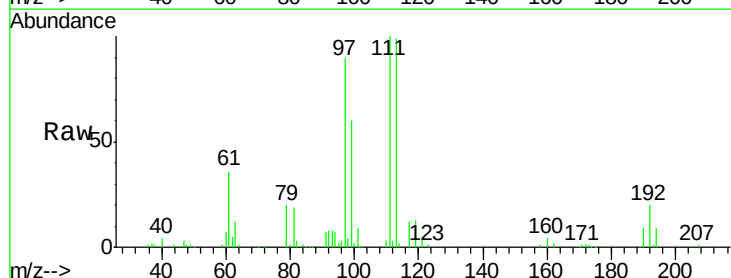
Manual Integrations
APPROVED

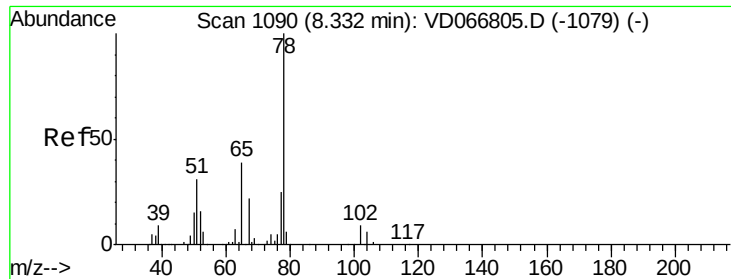
MMDadoda
9/30/2020 1:21:54 PM



#32
1,1,1-Trichloroethane
Concen: 18.866 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.5	77.3
61	41.4	34.2	51.4





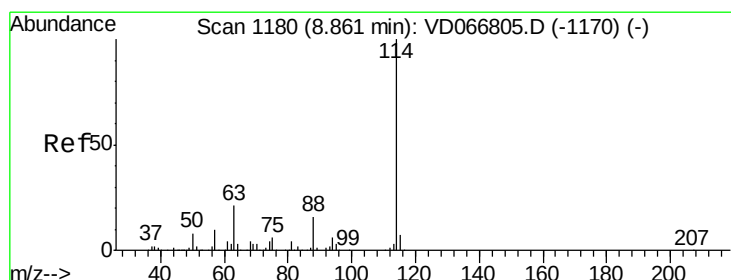
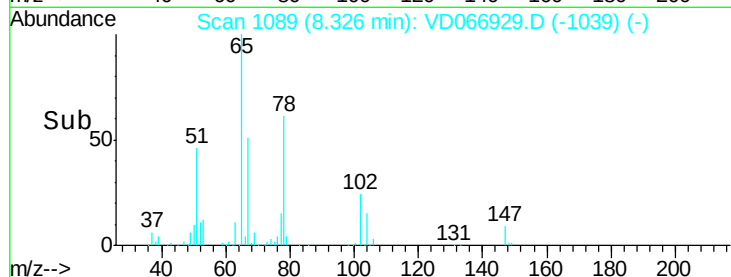
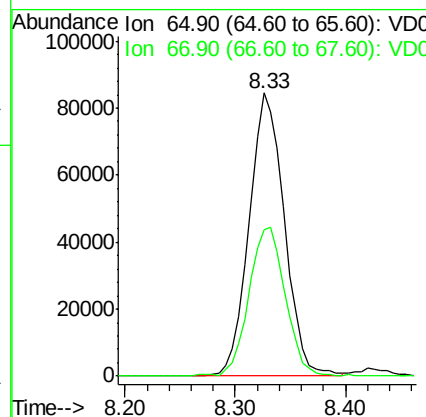
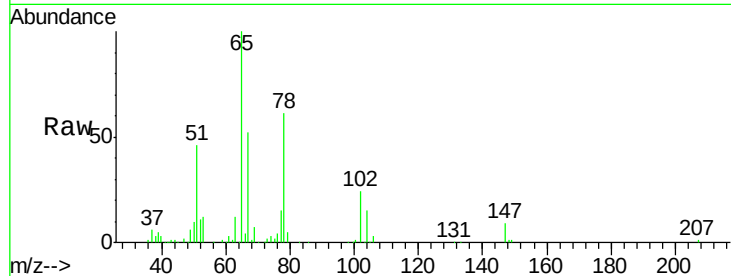
#33
 1,2-Dichloroethane-d4
 Concen: 44.786 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	189622		
67	54.1	0.0	107.2	

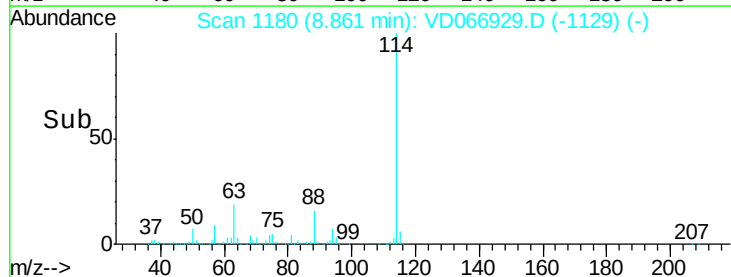
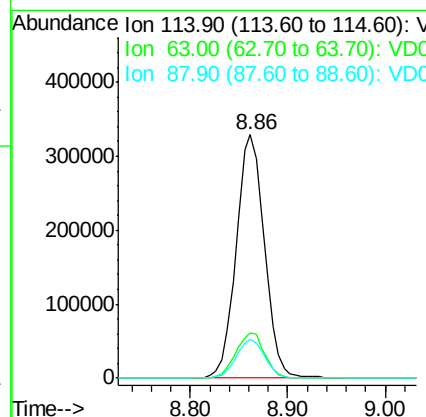
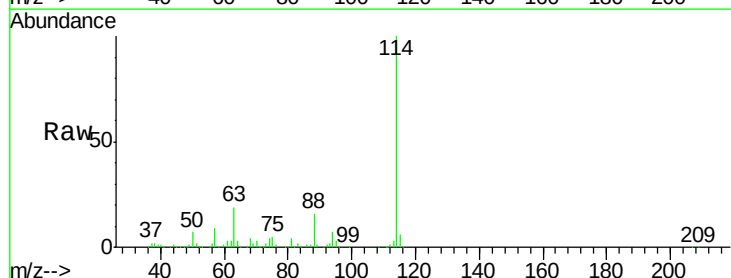
Manual Integrations
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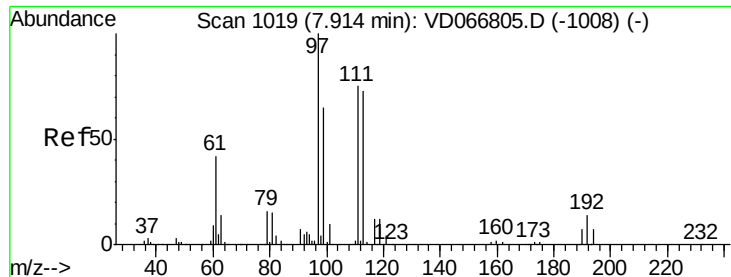
MMDadoda
 9/30/2020 1:21:54 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	661927		
63	18.7	0.0	42.6	
88	16.2	0.0	32.6	





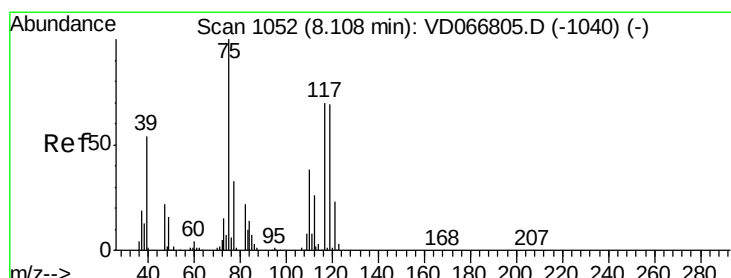
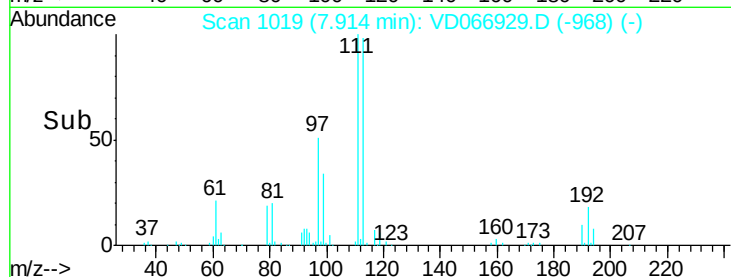
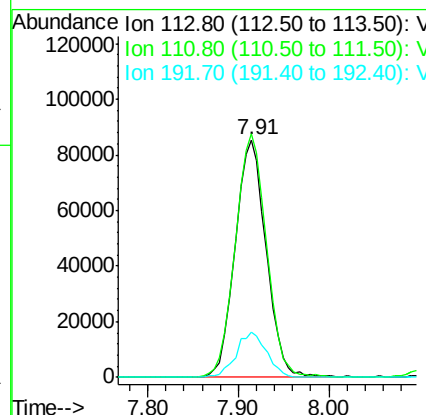
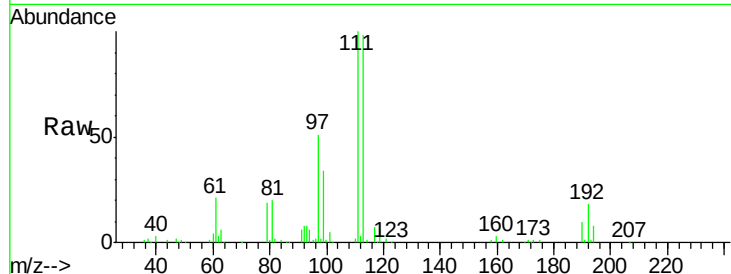
#35
 Dibromofluoromethane
 Concen: 48.226 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	203090		
111	103.1	81.8	122.8	
192	18.9	14.4	21.6	

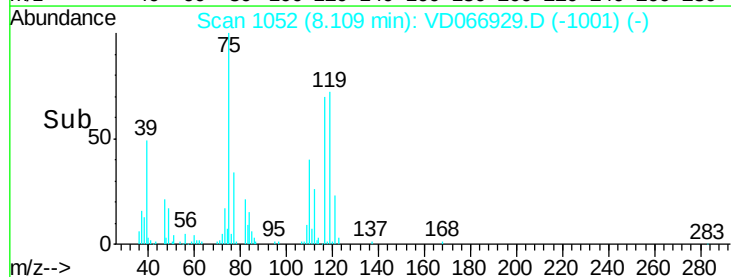
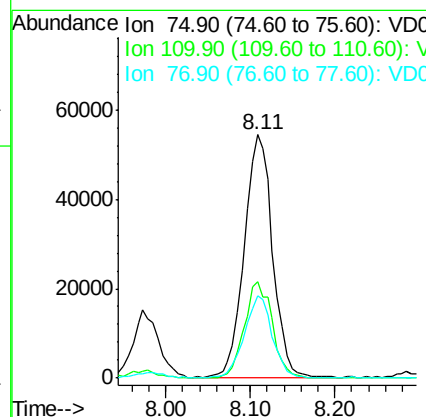
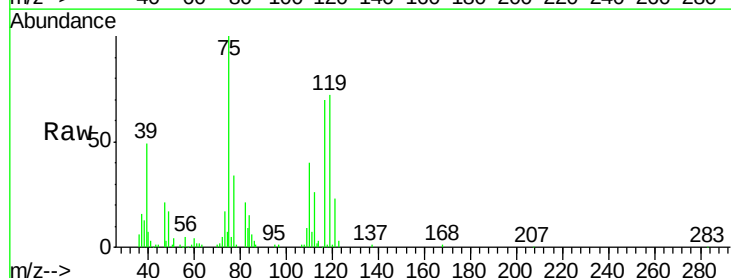
Manual Integrations
 APPROVED

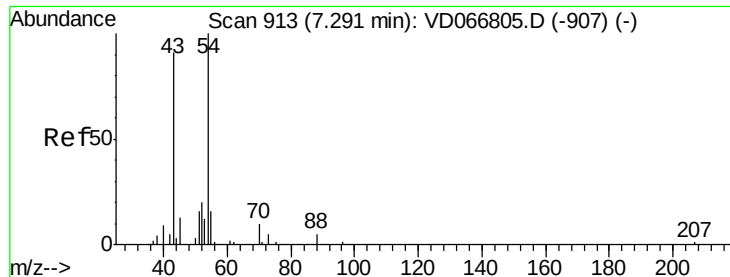
MMDadoda
 9/30/2020 1:21:54 PM



#36
 1,1-Dichloropropene
 Concen: 19.403 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	127417		
110	39.0	17.9	53.8	
77	33.2	25.0	37.6	





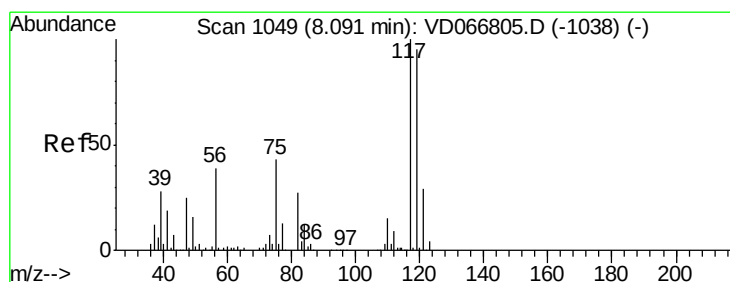
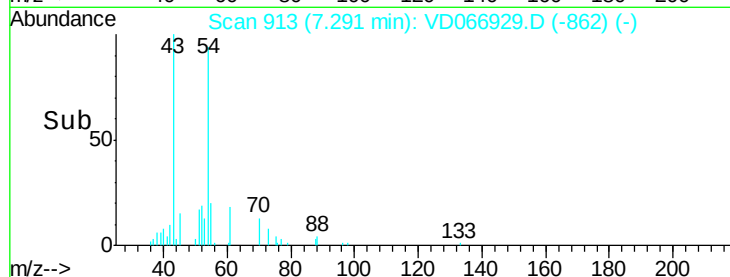
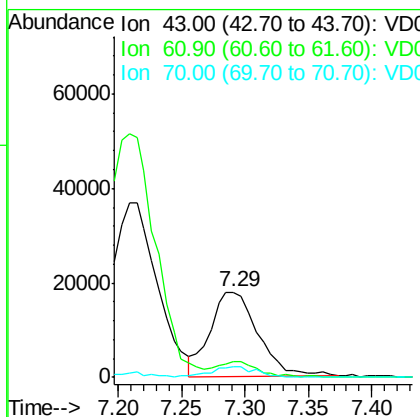
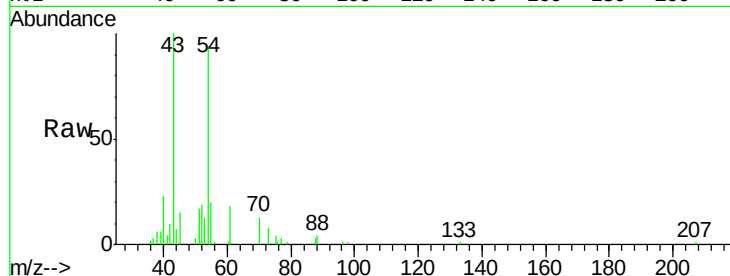
#37
Ethyl Acetate
Concen: 19.523 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	9.8	14.8#
70	12.3	8.5	12.7

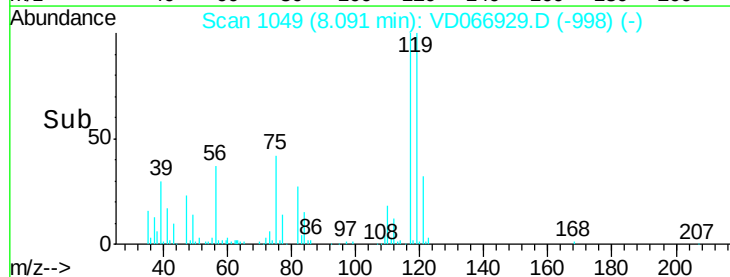
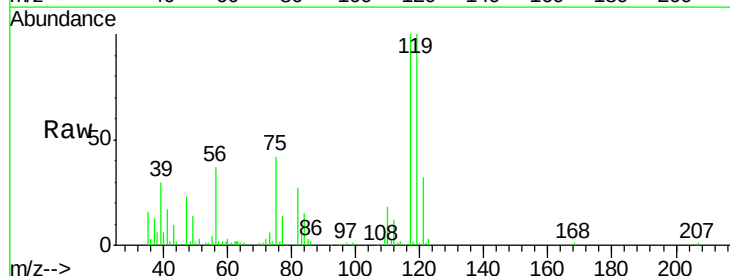
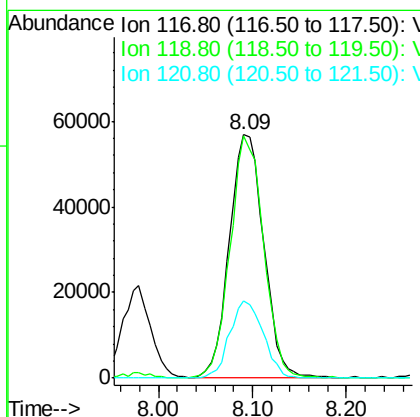
Manual Integrations
APPROVED

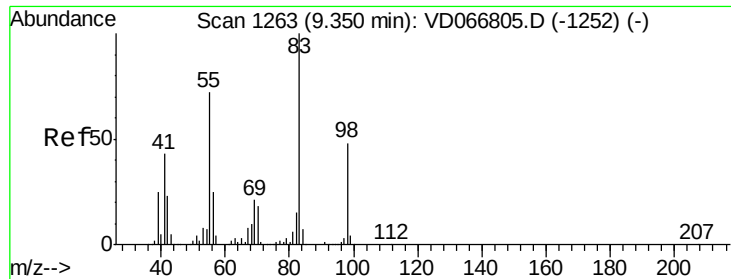
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9/30/2020 1:21:54 PM



#38
Carbon Tetrachloride
Concen: 20.219 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.8	113.8
121	31.5	23.4	35.0





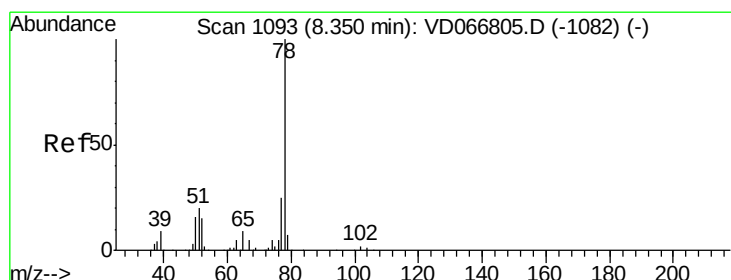
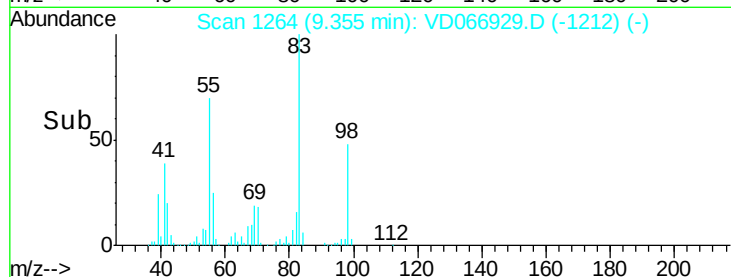
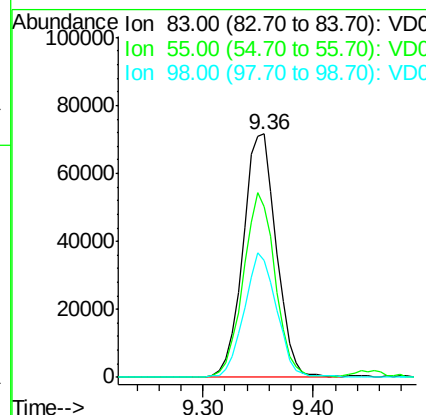
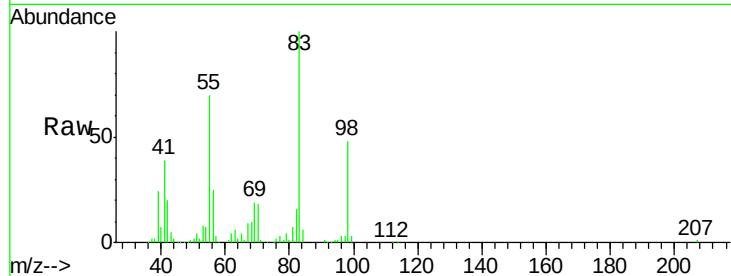
#39
Methylvlcyclohexane
Concen: 20.132 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	151792		
55	70.1		57.7	86.5
98	48.3		38.4	57.6

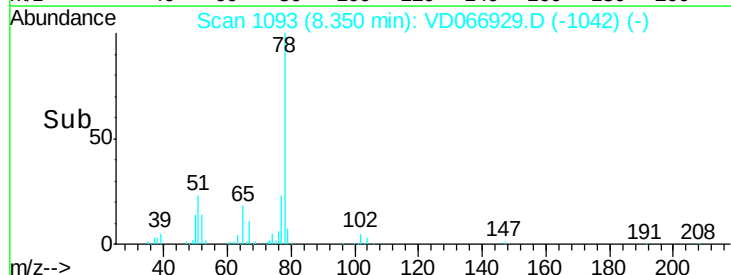
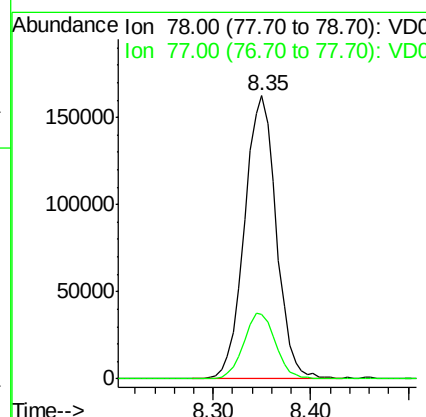
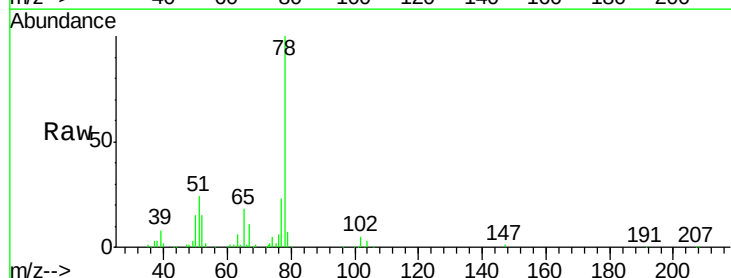
Manual Integrations
APPROVED

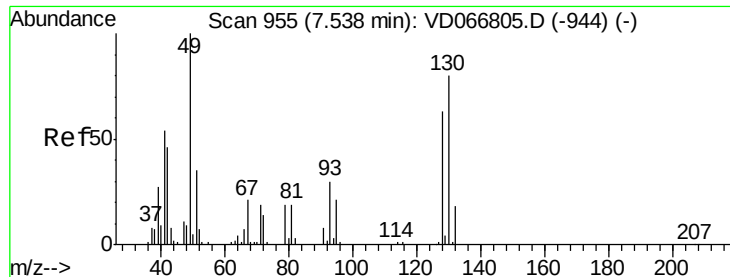
MMDadoda
9/30/2020 1:21:54 PM



#40
Benzene
Concen: 20.228 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	370199		
77	22.9		19.9	29.9





#41

Methacrylonitrile

Concen: 19.215 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 41 Resp: 28052

Ion Ratio Lower Upper

41 100

39 56.6 0.0 0.0#

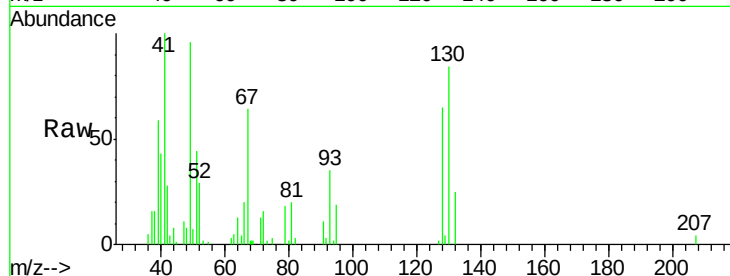
67 77.5 0.0 0.0#

52 31.8 0.0 0.0#

Manual Integrations
APPROVED

MMDadoda

9/30/2020 1:21:54 PM

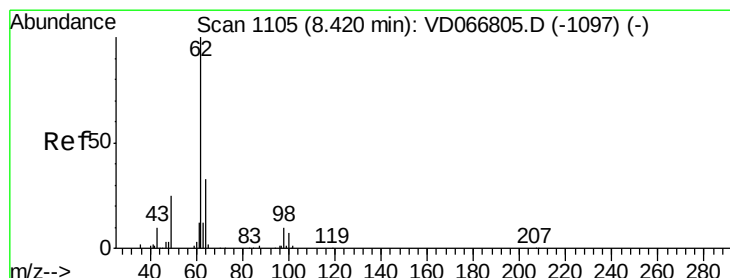
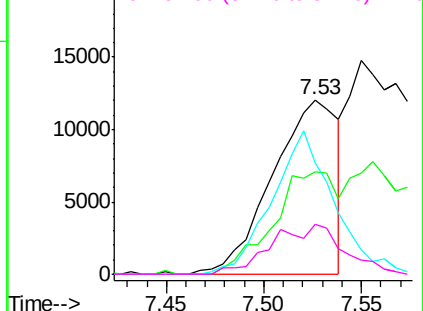
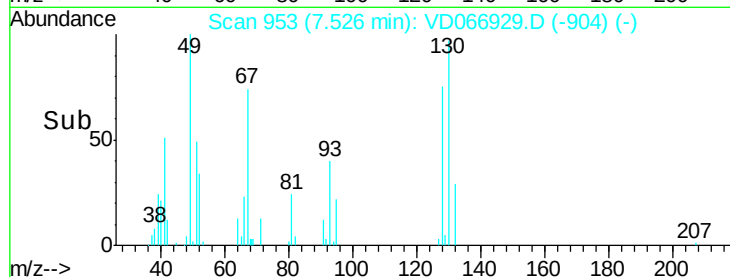


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 19.371 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VD066929.D

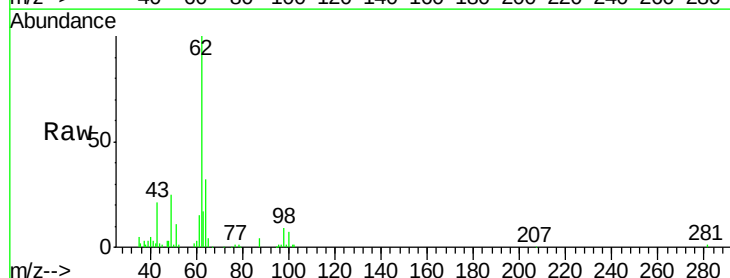
Acq: 29 Sep 2020 10:49

Tgt Ion: 62 Resp: 104806

Ion Ratio Lower Upper

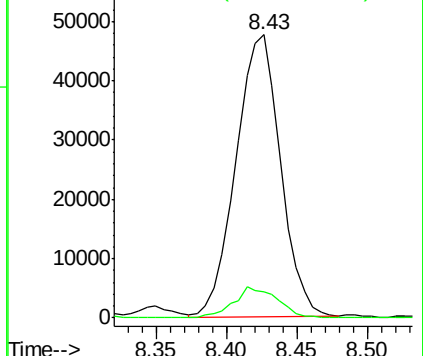
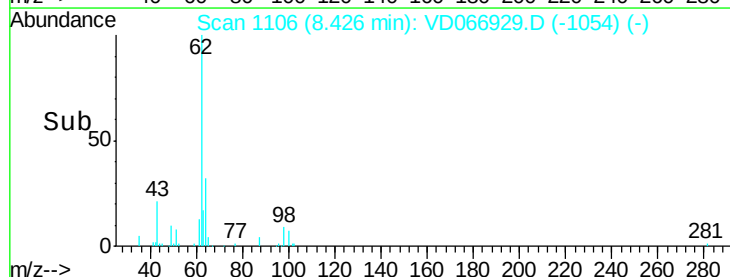
62 100

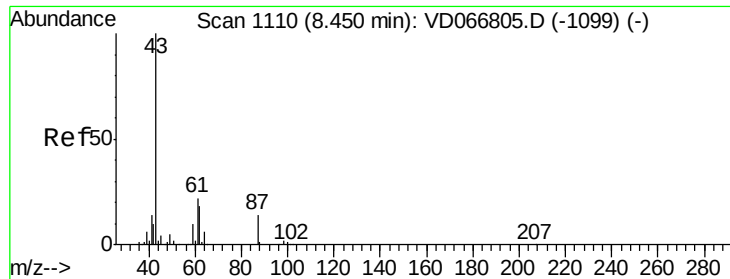
98 11.0 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.083 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

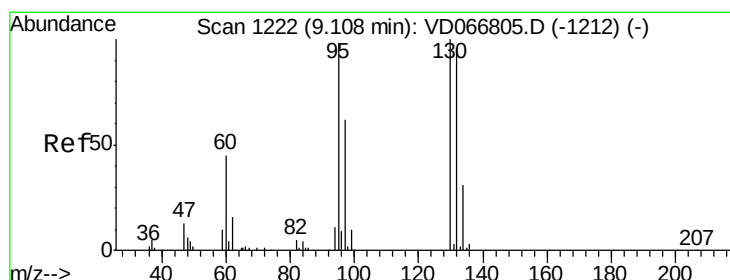
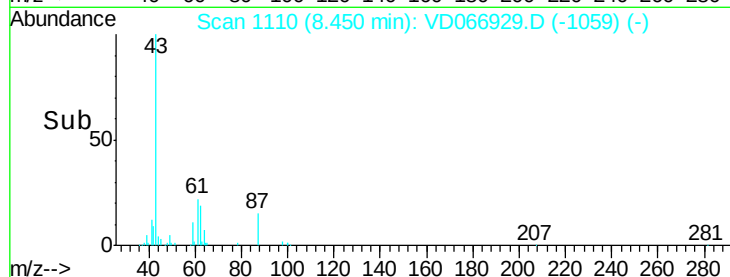
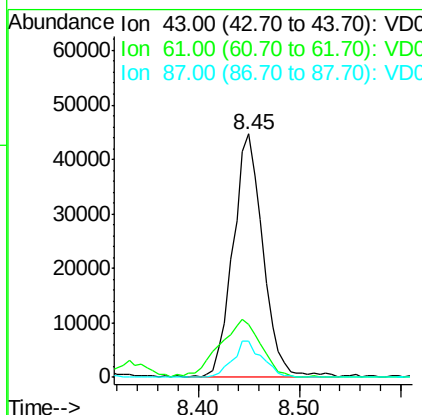
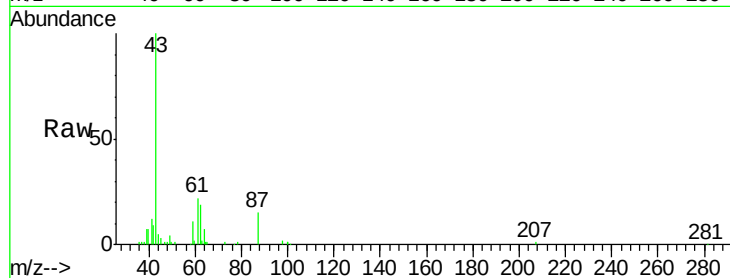
ClientSampleId :

VD0929SBS01

Tot Ion:	43	Resp:	91916
Ion	Ratio	Lower	Upper
43	100		
61	32.7	26.2	39.4
87	14.6	11.5	17.3

Manual Integrations
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#44

Trichloroethene

Concen: 20.886 ug/l

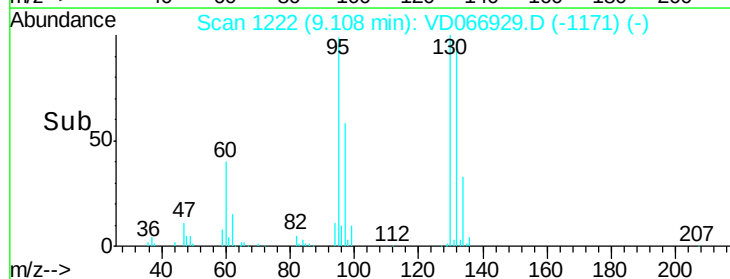
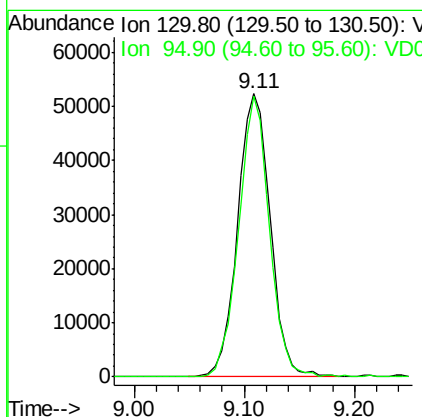
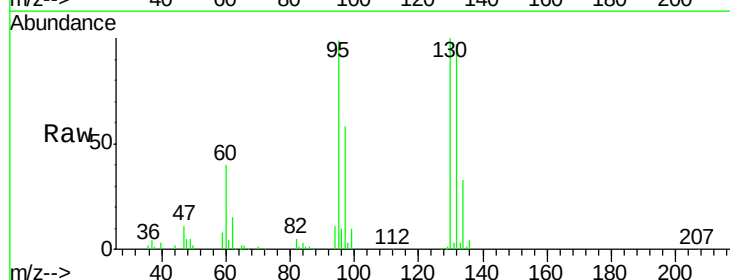
RT: 9.11 min Scan# 1222

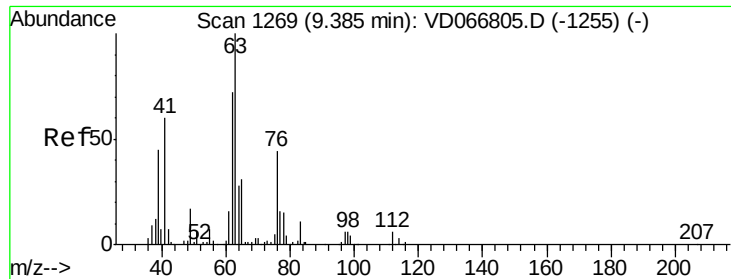
Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion:	130	Resp:	108954
Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	197.0





#45

1,2-Dichloropropane

Concen: 19.634 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 63 Resp: 90408

Ion Ratio Lower Upper

63 100

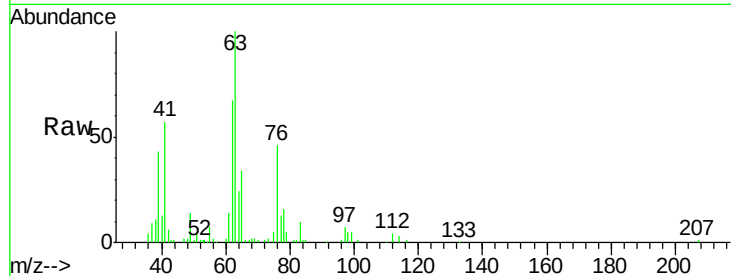
65 33.7 24.7 37.1

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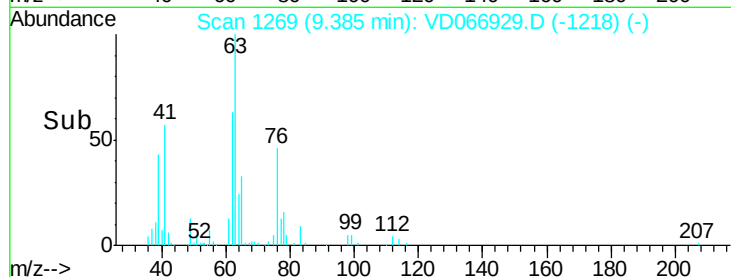


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

Time-->



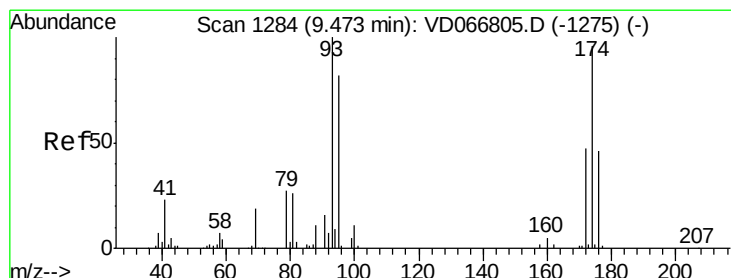
Abundance

Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

Time-->



#46

Dibromomethane

Concen: 21.067 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

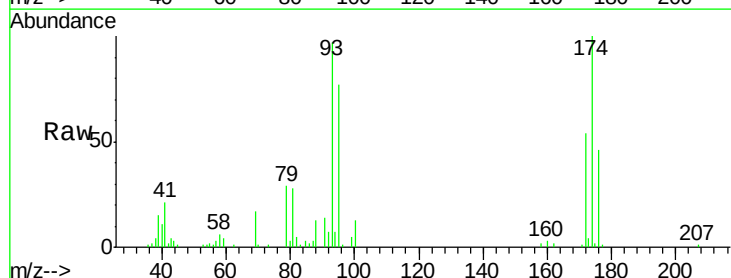
Tgt Ion: 93 Resp: 52707

Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 96.2 75.4 113.2



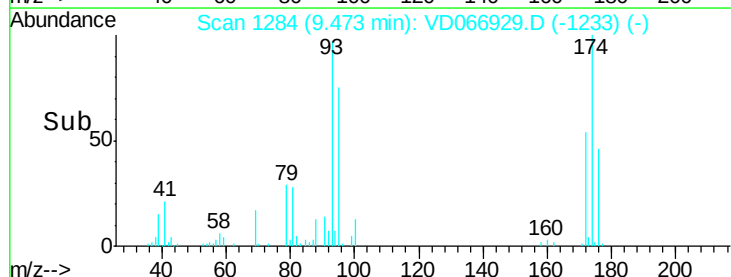
Abundance Ion 92.80 (92.50 to 93.50): VDC

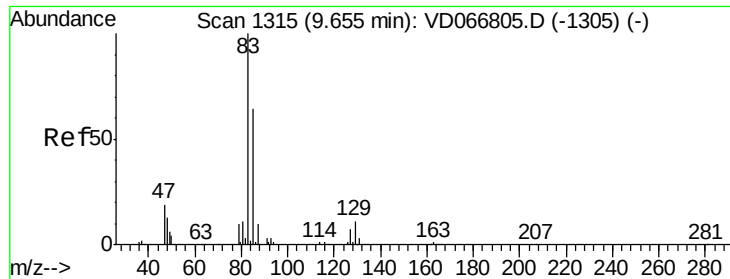
Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC

9.47

Time-->





#47

Bromodichloromethane

Concen: 20.280 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

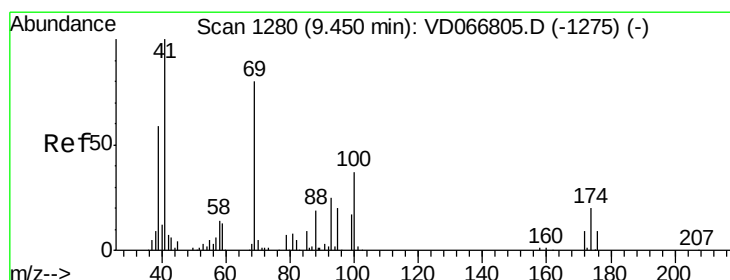
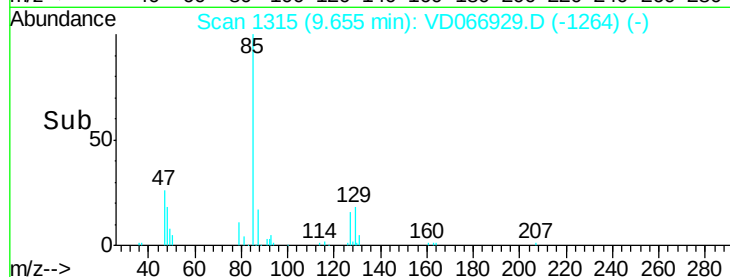
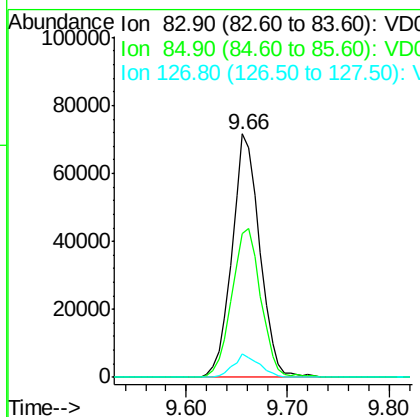
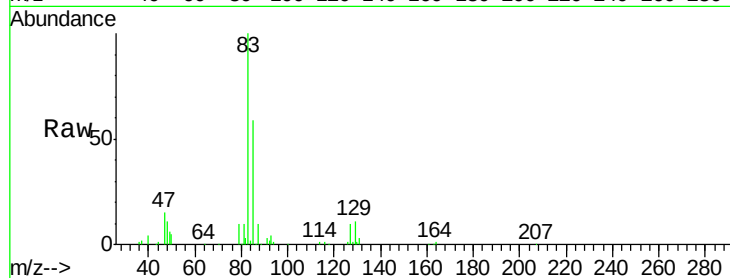
ClientSampleId :

VD0929SBS01

Tot Ion	83	Resp	136295
Ion	Ratio	Lower	Upper
83	100		
85	59.2	50.9	76.3
127	9.7	5.9	8.9#

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#48

Methyl methacrylate

Concen: 18.517 ug/l

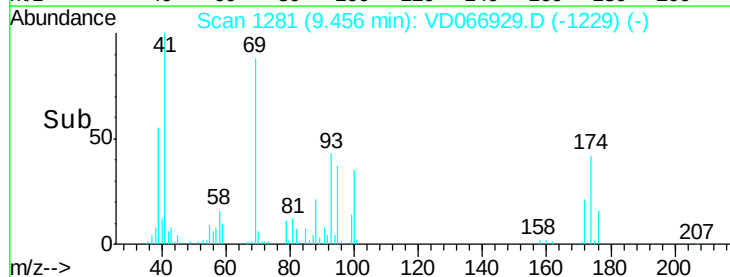
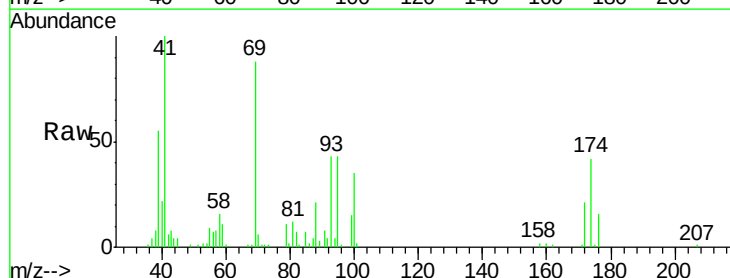
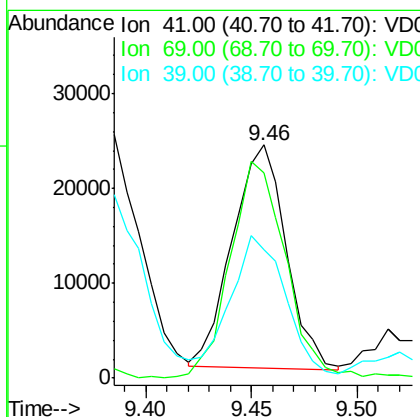
RT: 9.46 min Scan# 1281

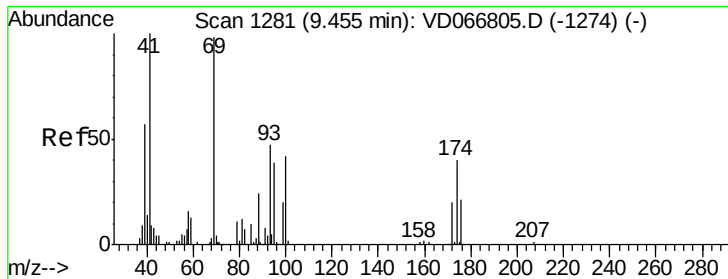
Delta R.T. 0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion	41	Resp	41786
Ion	Ratio	Lower	Upper
41	100		
69	100.7	74.5	111.7
39	62.0	47.0	70.6





#49

1,4-Dioxane

Concen: 378.041 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

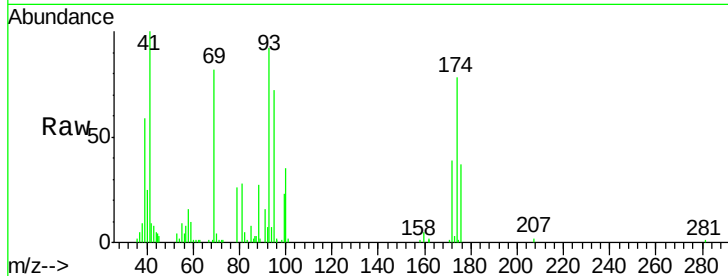
ClientSampleId :

VD0929SBS01

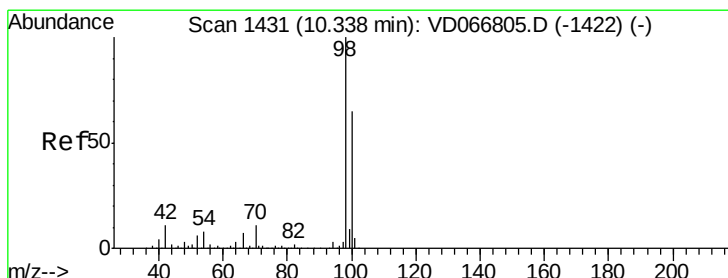
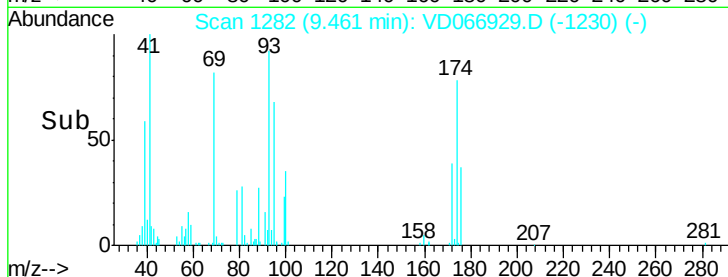
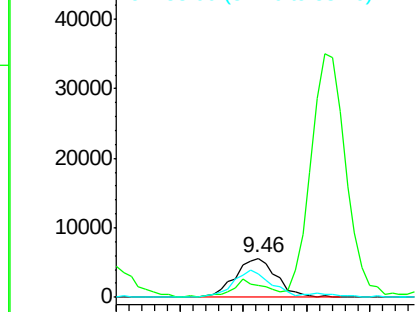
Tot Ion:	88	Resp:	12557
Ion	Ratio	Lower	Upper
88	100		
43	36.6	27.7	41.5
58	64.6	55.5	83.3

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Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 49.727 ug/l

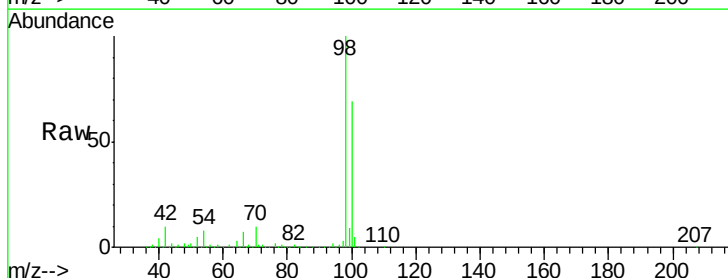
RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

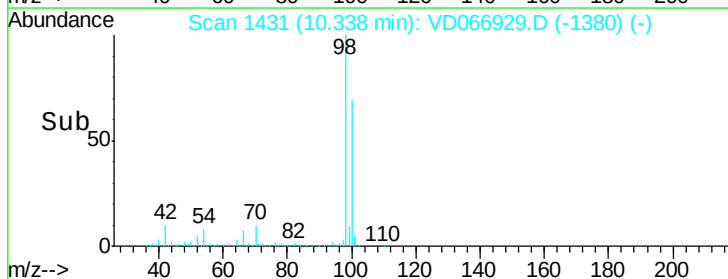
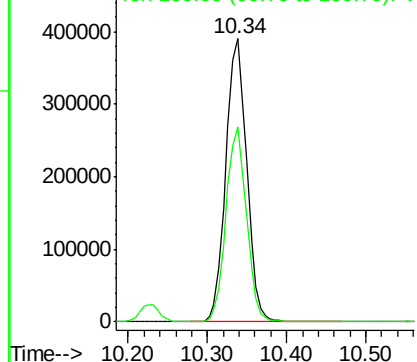
Lab File: VD066929.D

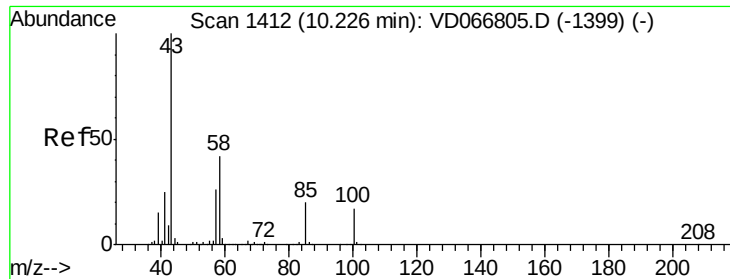
Acq: 29 Sep 2020 10:49

Tgt Ion:	98	Resp:	713501
Ion	Ratio	Lower	Upper
98	100		
100	67.5	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 99.314 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 43 Resp: 230322

Ion Ratio Lower Upper

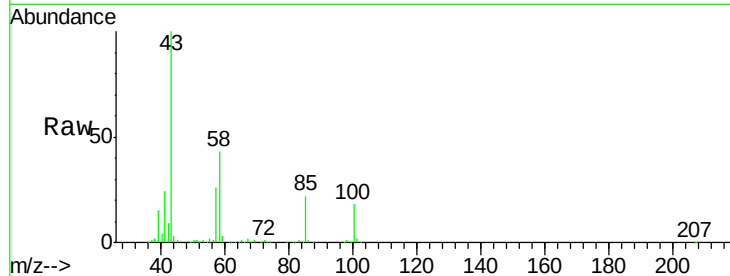
43 100

58 41.1 32.2 48.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

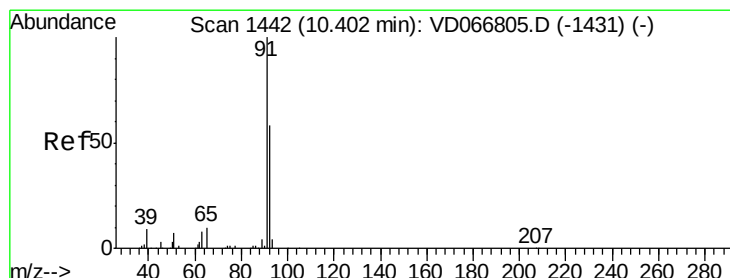
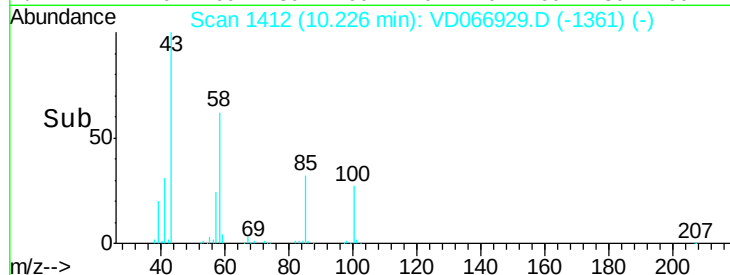
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.831 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066929.D

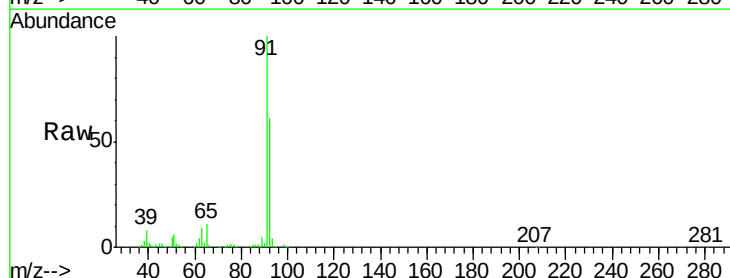
Acq: 29 Sep 2020 10:49

Tgt Ion: 92 Resp: 245577

Ion Ratio Lower Upper

92 100

91 167.6 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

250000

200000

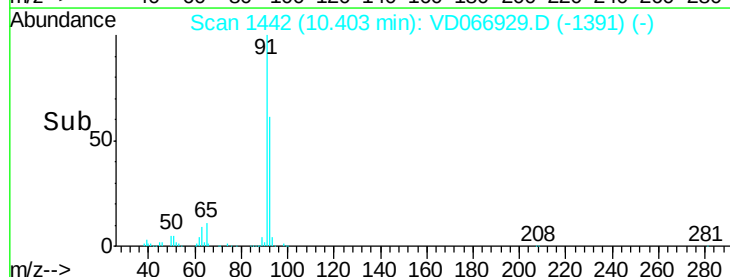
150000

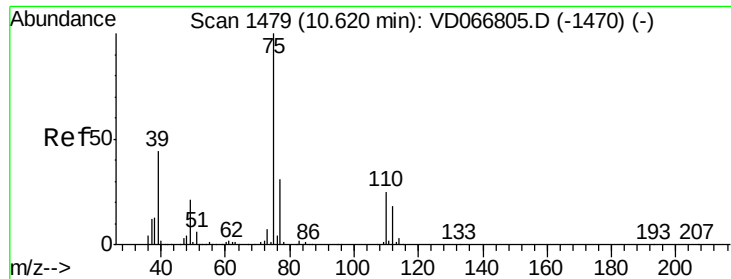
100000

50000

0

Time-->





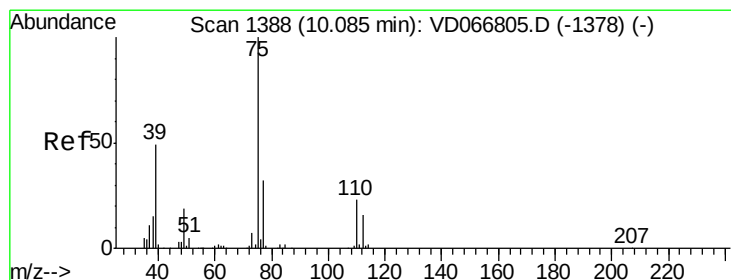
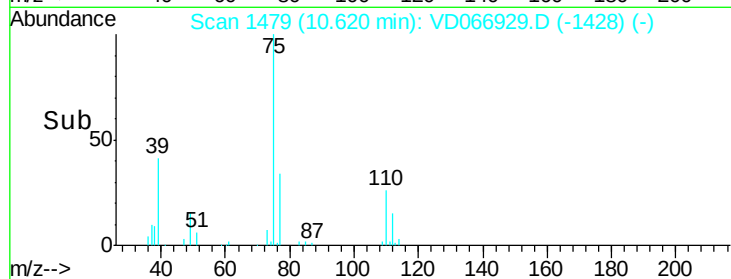
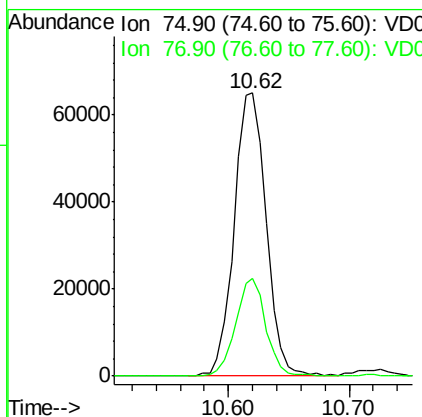
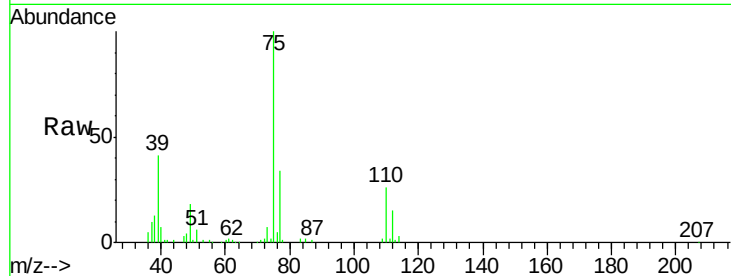
#53
t-1,3-Dichloropropene
Concen: 21.022 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.4	24.5	36.7

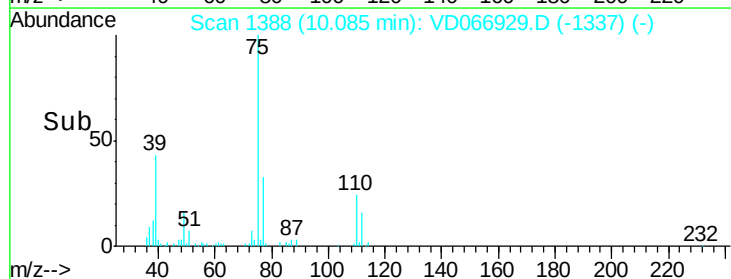
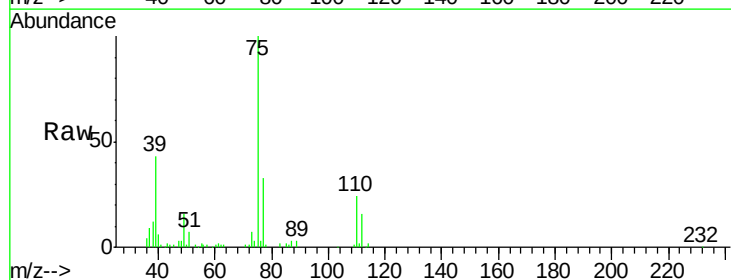
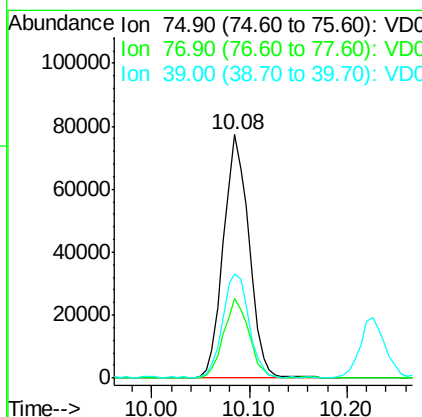
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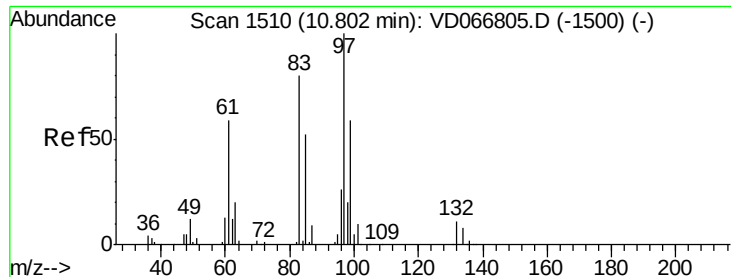
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#54
cis-1,3-Dichloropropene
Concen: 20.275 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.6	38.4
39	42.5	39.2	58.8





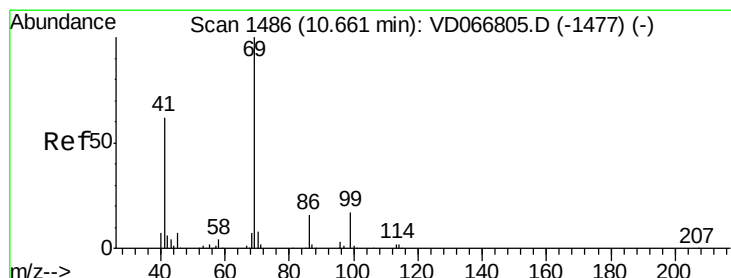
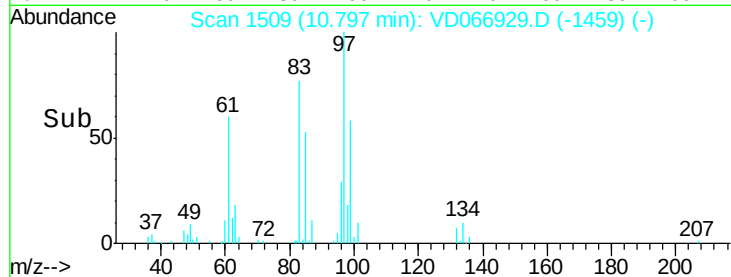
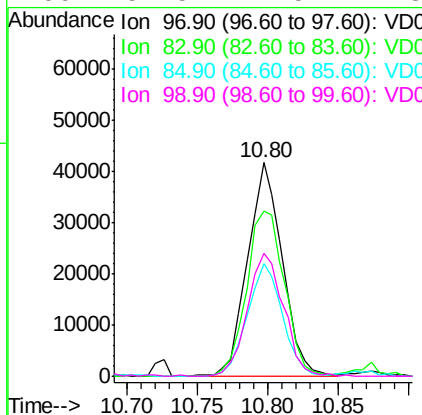
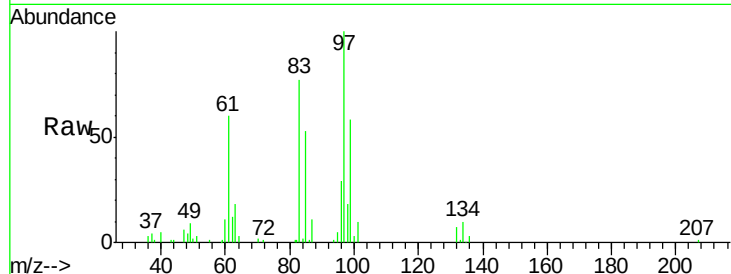
#55
 1,1,2-Trichloroethane
 Concen: 20.954 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion:	97	Resp:	72067
Ion	Ratio	Lower	Upper
97	100		
83	77.1	64.2	96.2
85	52.5	41.9	62.9
99	57.5	47.5	71.3

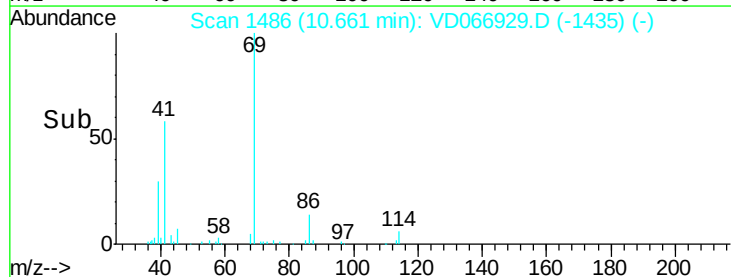
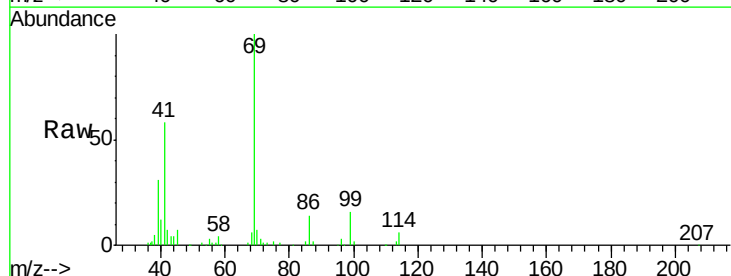
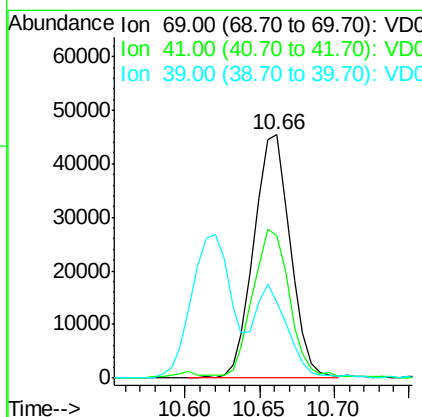
Manual Integrations
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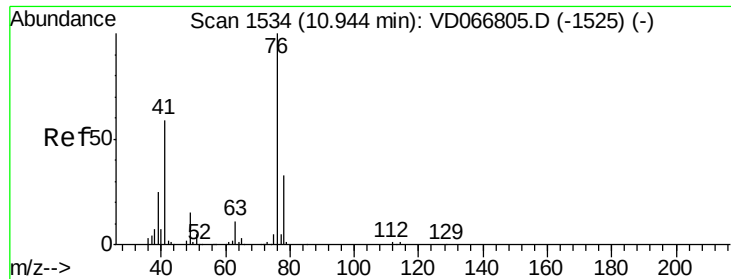
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#56
 Ethyl methacrylate
 Concen: 20.843 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion:	69	Resp:	76798
Ion	Ratio	Lower	Upper
69	100		
41	63.2	52.2	78.2
39	33.6	26.6	40.0





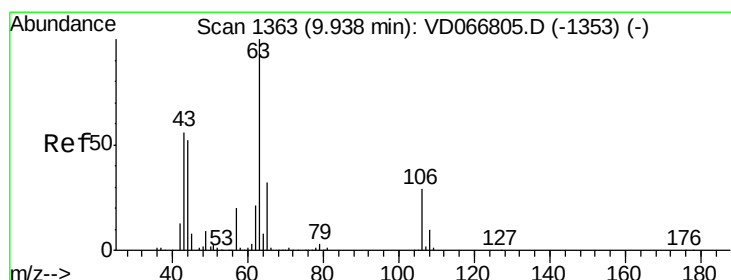
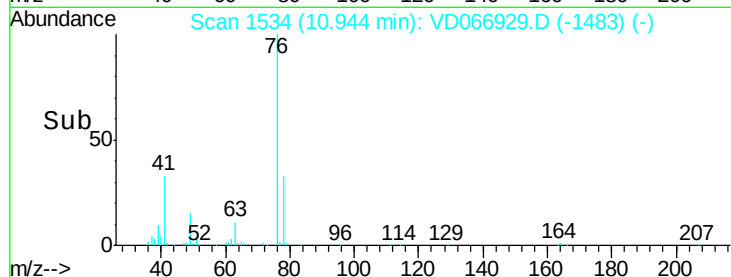
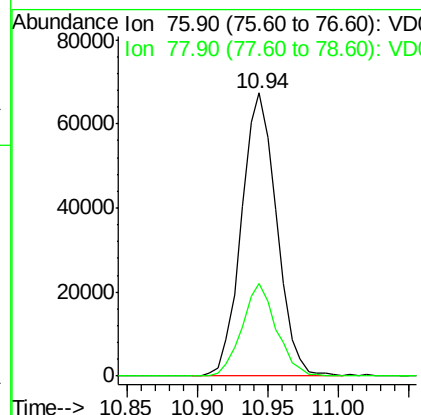
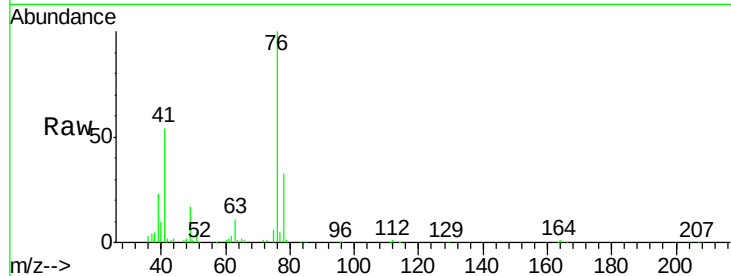
#57
 1,3-Dichloropropane
 Concen: 20.713 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.3	39.5

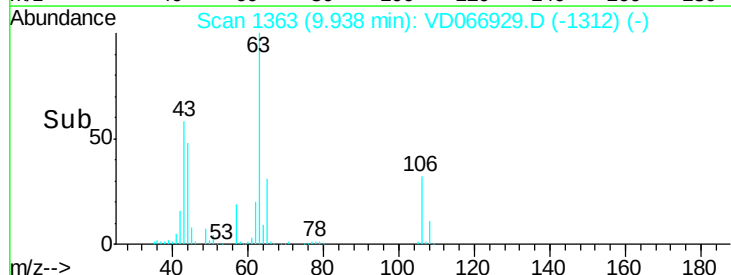
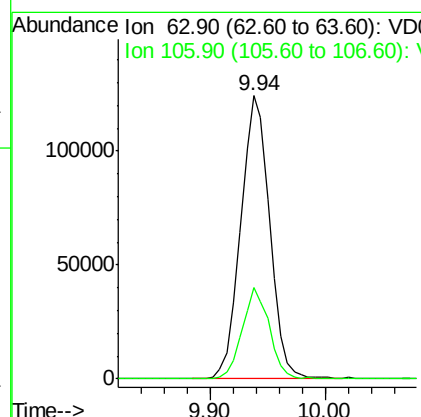
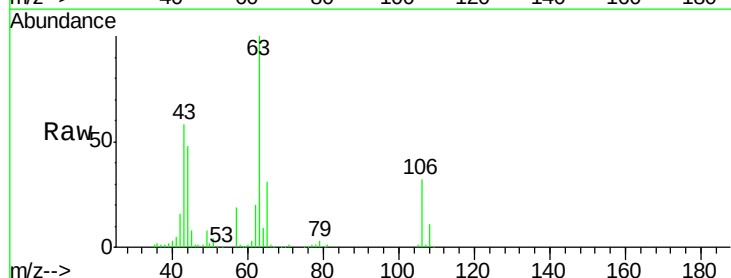
Manual Integrations
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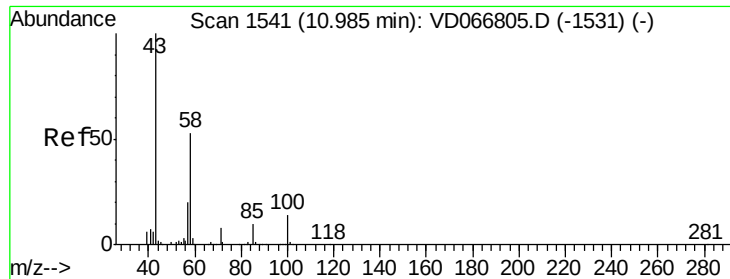
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 9/30/2020 1:21:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 123.873 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	23.8	35.6





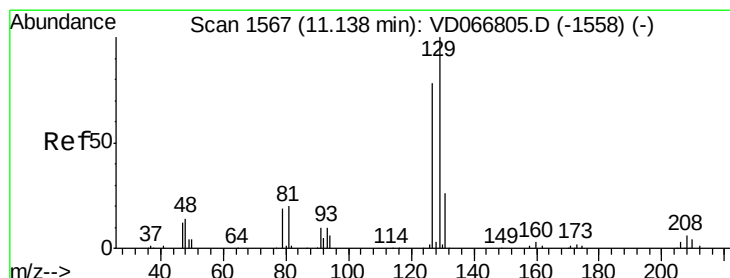
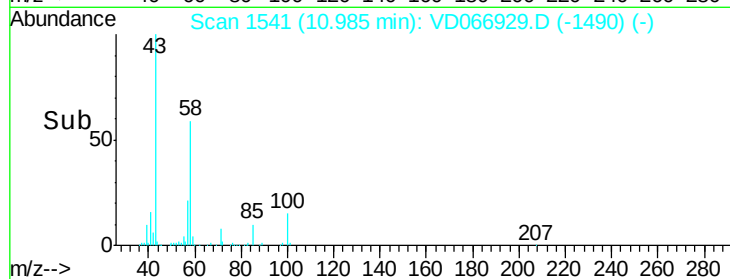
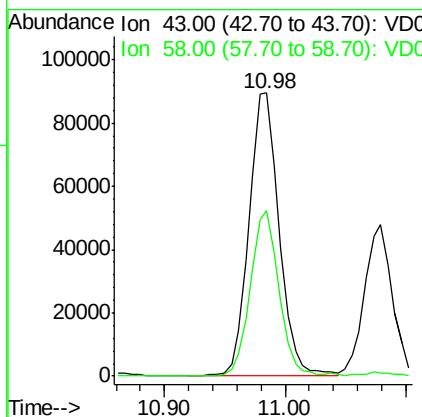
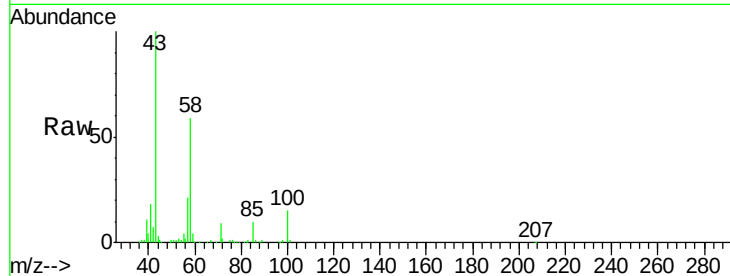
#59
2-Hexanone
Concen: 99.729 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion: 43 Resp: 155973
Ion Ratio Lower Upper
43 100
58 55.3 27.0 80.8

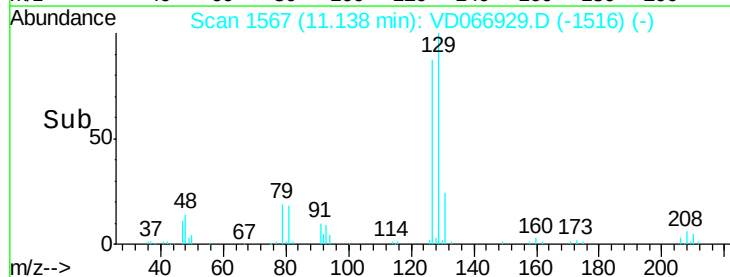
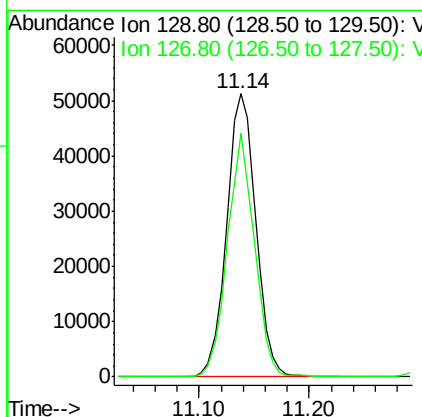
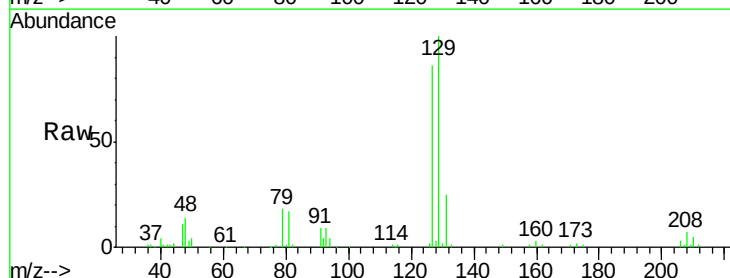
Manual Integrations
APPROVED

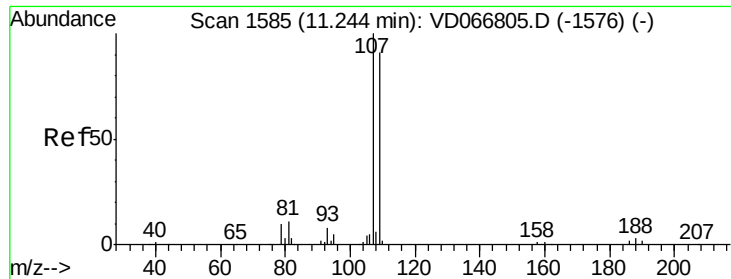
MMDadoda
9/30/2020 1:21:54 PM



#60
Dibromochloromethane
Concen: 21.208 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 129 Resp: 95197
Ion Ratio Lower Upper
129 100
127 79.7 38.6 116.0





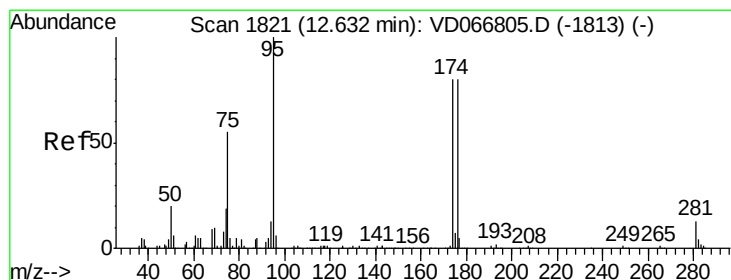
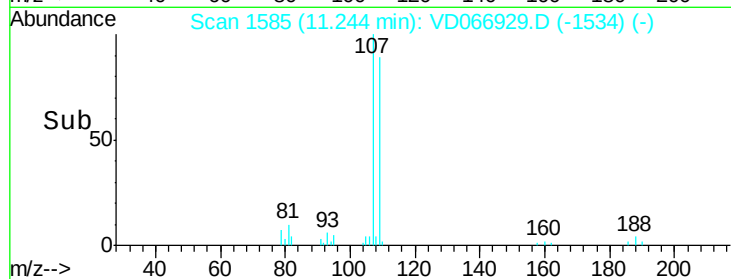
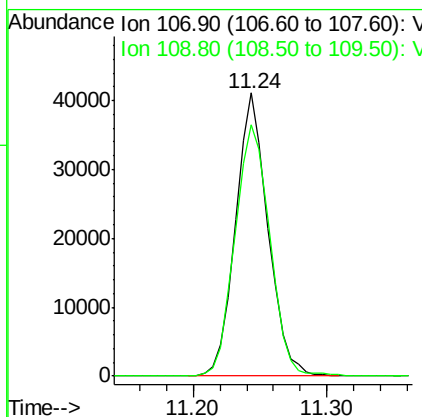
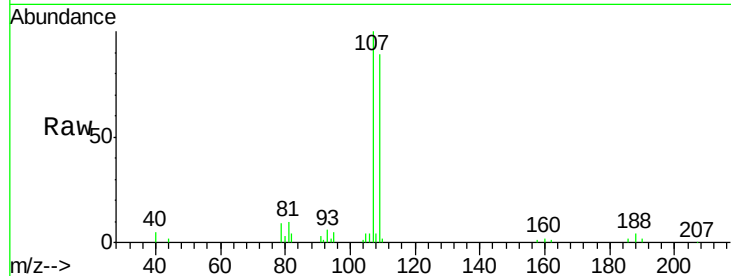
#61
 1,2-Dibromoethane
 Concen: 21.573 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion: 107 Resp: 69012
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.0 112.4

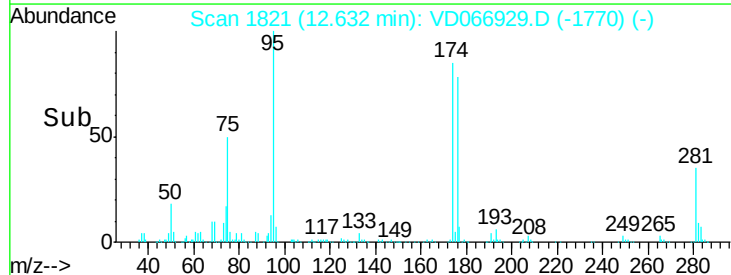
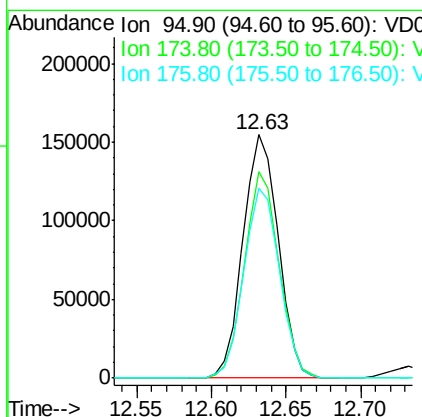
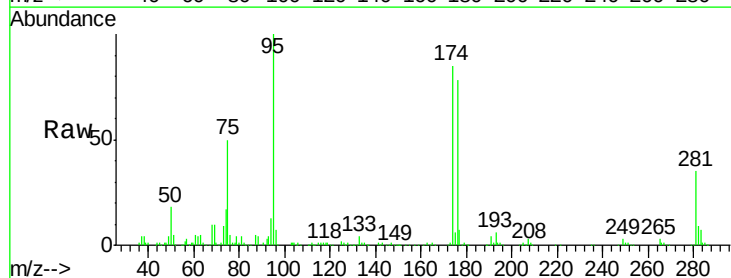
Manual Integrations
 APPROVED

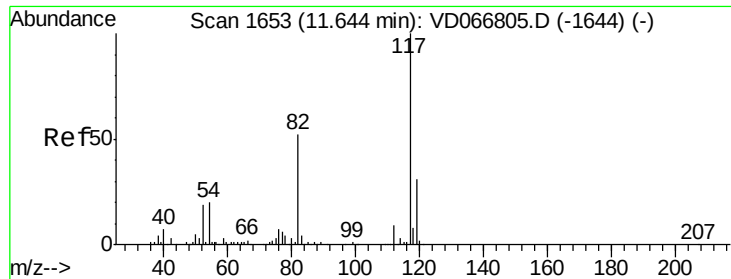
MMDadoda
 9/30/2020 1:21:54 PM



#62
 4-Bromofluorobenzene
 Concen: 51.544 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion: 95 Resp: 253180
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 159.8
 176 78.8 0.0 154.4





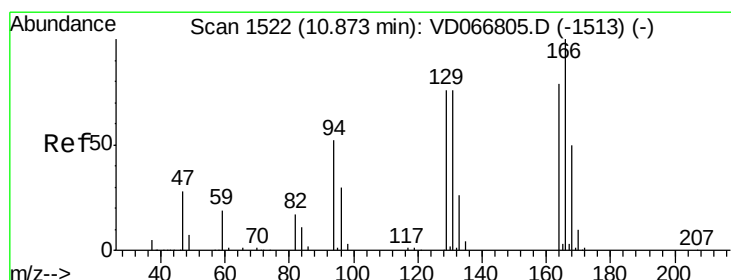
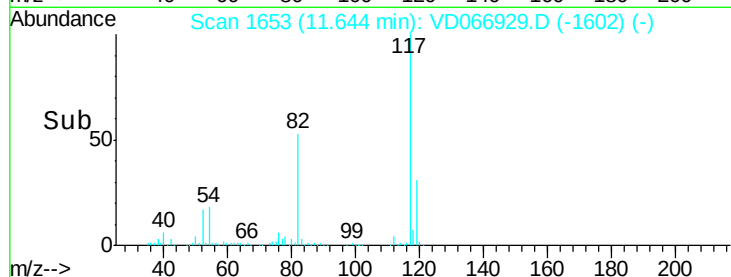
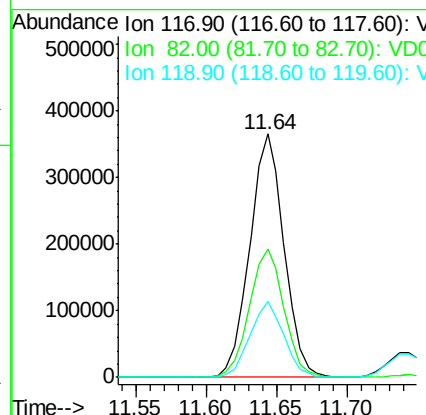
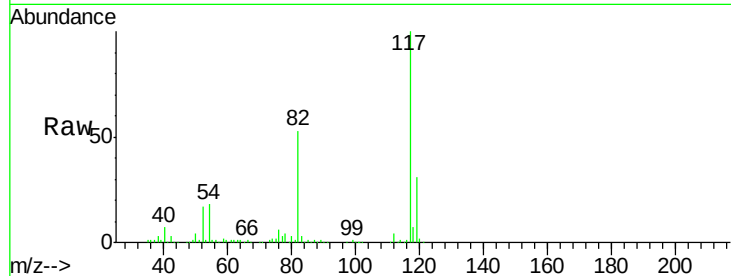
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.6
119	31.4	24.6	37.0

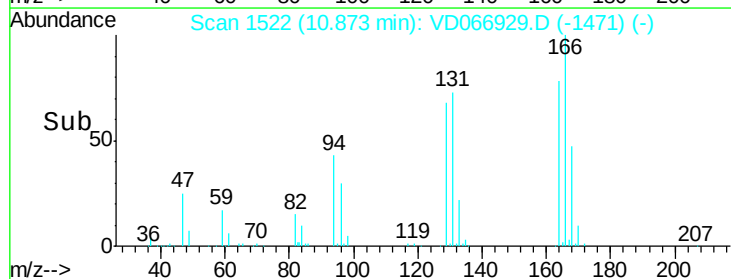
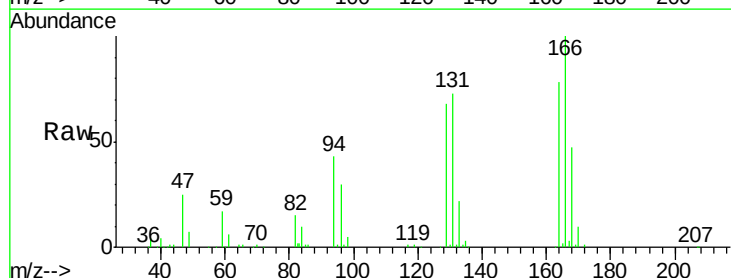
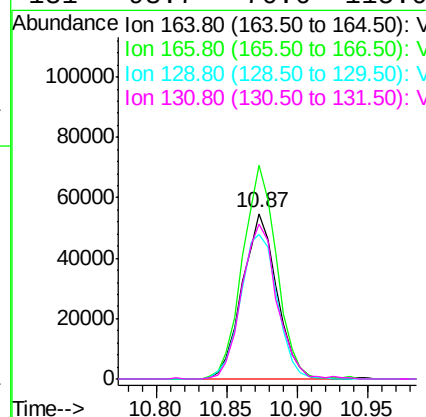
Manual Integrations
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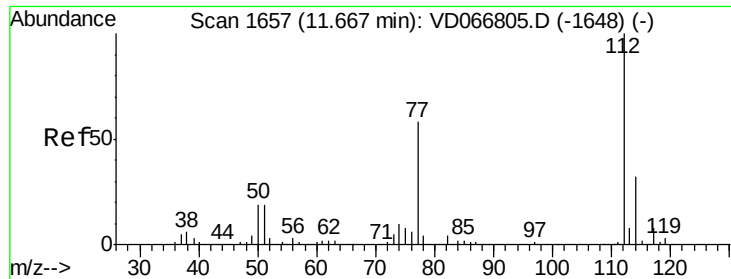
MMDadoda
9/30/2020 1:21:54 PM



#64
Tetrachloroethene
Concen: 21.004 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	101.1	151.7
129	87.2	77.0	115.4
131	93.7	76.6	115.0





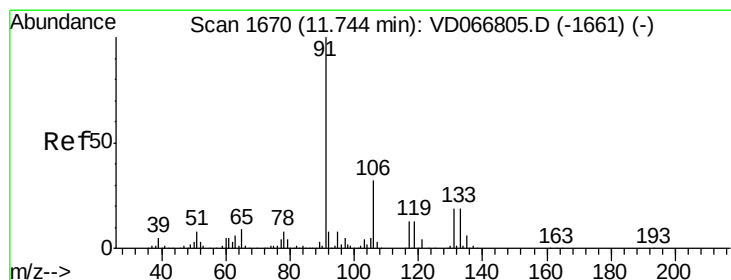
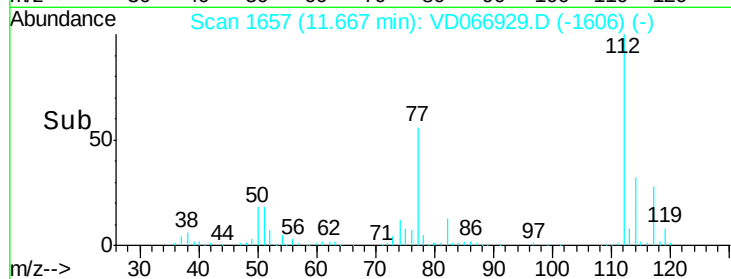
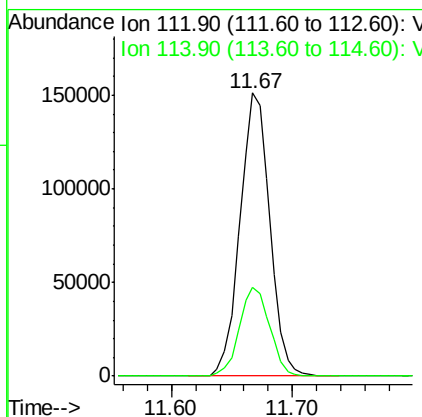
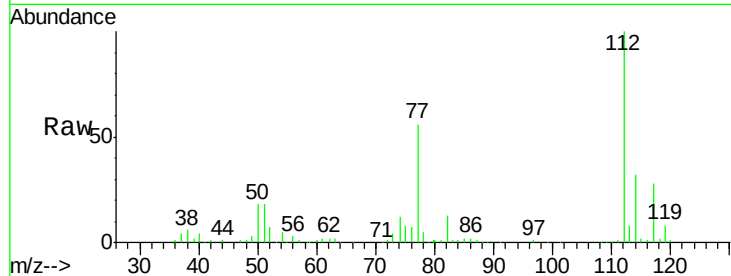
#65
Chlorobenzene
Concen: 20.175 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion:112 Resp: 260863
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

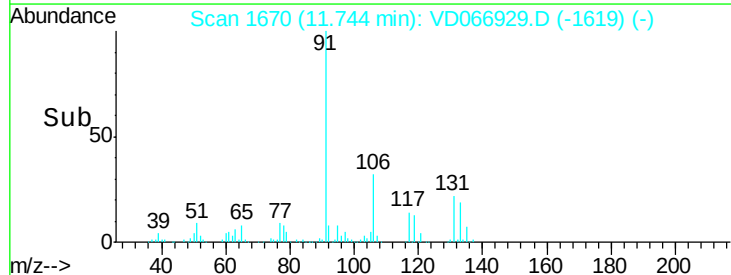
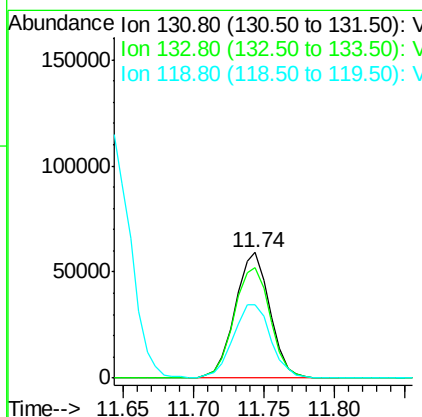
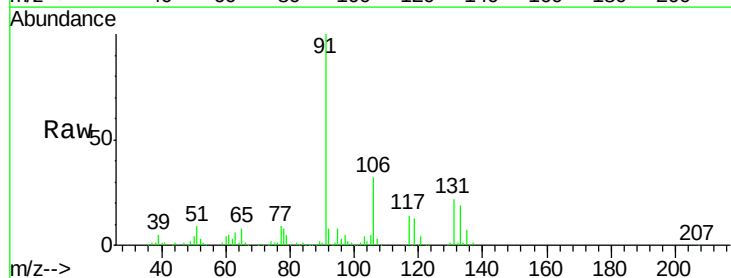
Manual Integrations
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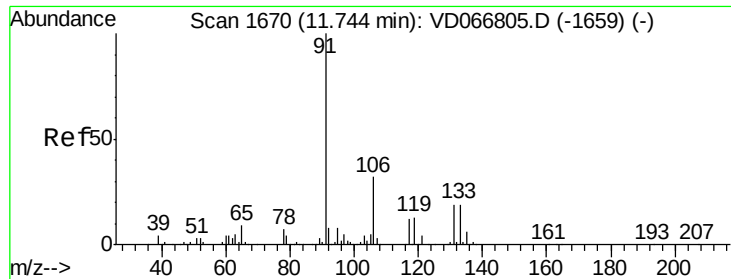
MMDadoda
9/30/2020 1:21:54 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.817 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion:131 Resp: 101871
Ion Ratio Lower Upper
131 100
133 92.3 46.7 140.1
119 63.1 32.3 96.9





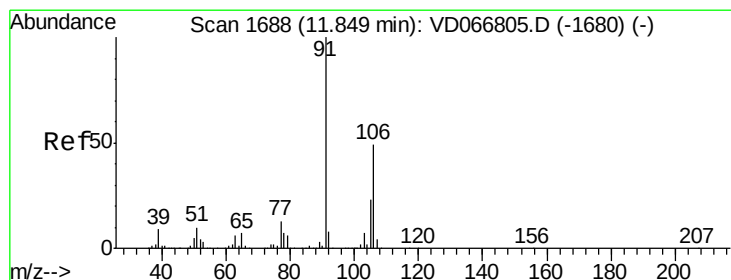
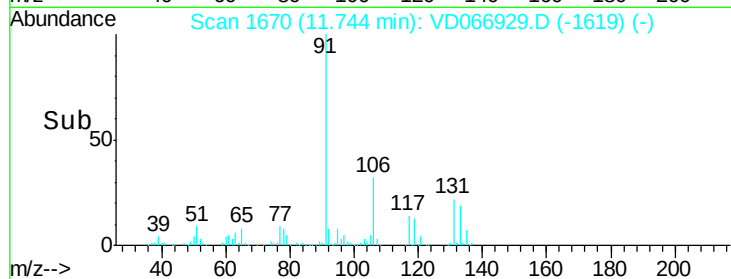
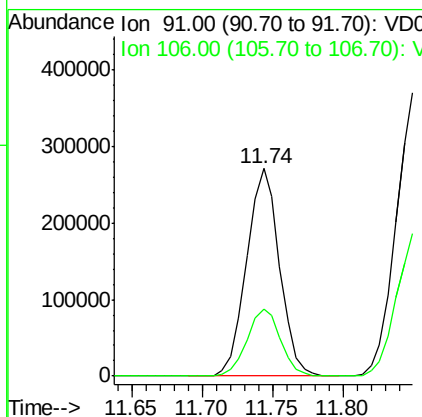
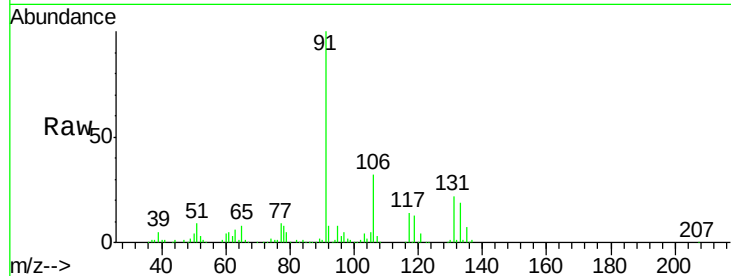
#67
Ethyl Benzene
Concen: 19.605 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion: 91 Resp: 445212
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

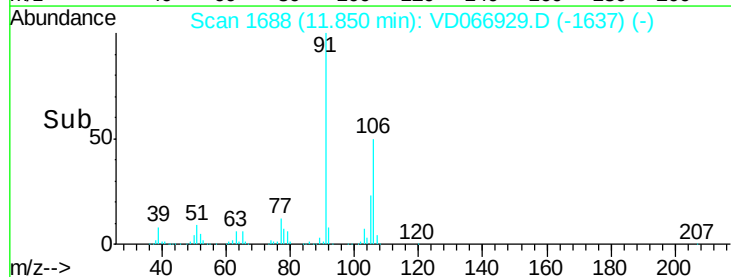
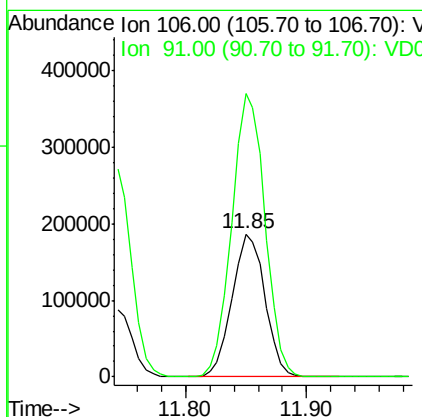
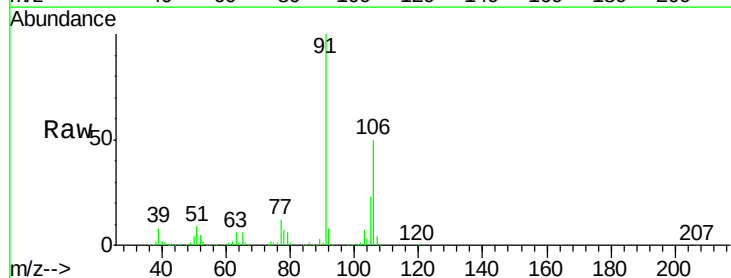
Manual Integrations
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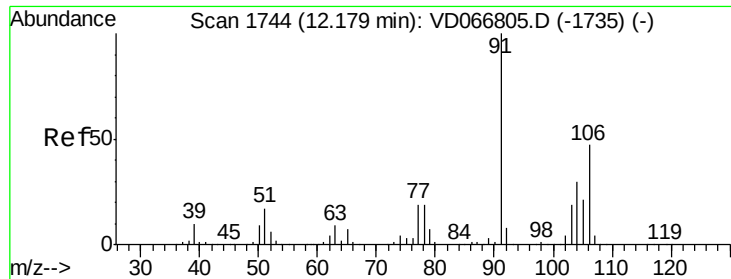
MMDadoda
9/30/2020 1:21:54 PM



#68
m/p-Xylenes
Concen: 41.268 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 106 Resp: 354822
Ion Ratio Lower Upper
106 100
91 199.8 160.7 241.1





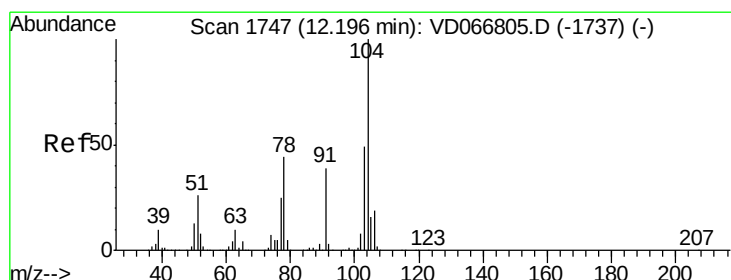
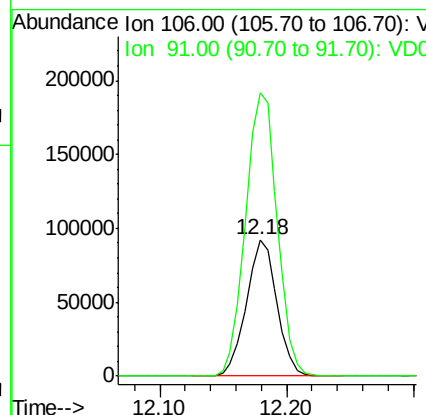
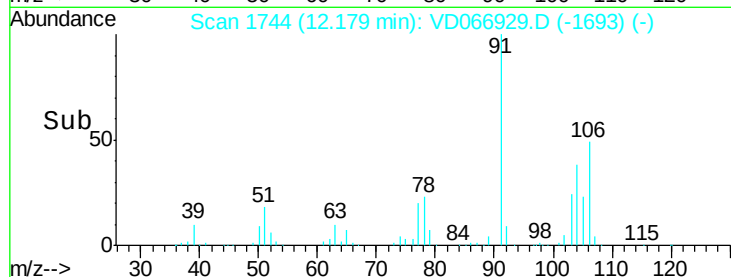
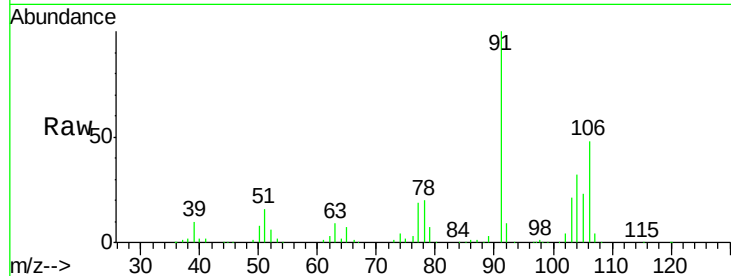
#69
o-Xylene
Concen: 19.849 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion:106 Resp: 154313
Ion Ratio Lower Upper
106 100
91 215.4 106.3 318.8

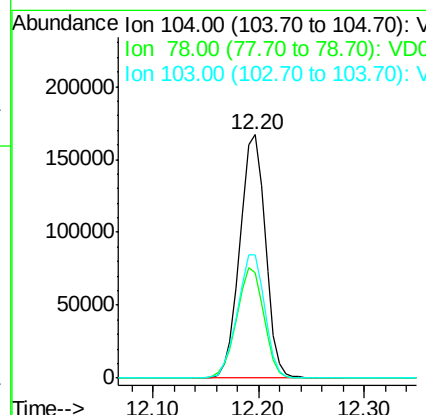
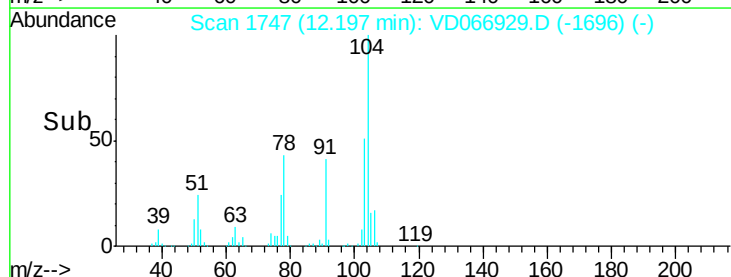
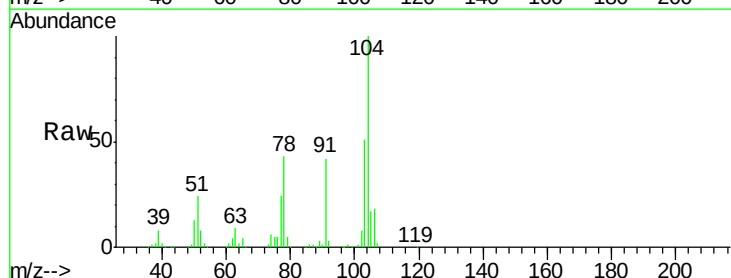
Manual Integrations
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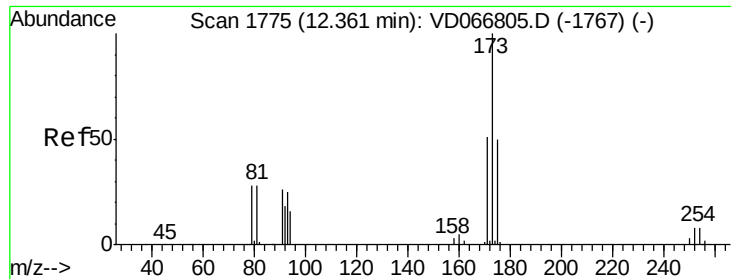
MMDadoda
9/30/2020 1:21:54 PM



#70
Styrene
Concen: 20.705 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion:104 Resp: 279541
Ion Ratio Lower Upper
104 100
78 48.0 38.9 58.3
103 54.2 43.2 64.8





#71

Bromoform

Concen: 21.343 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

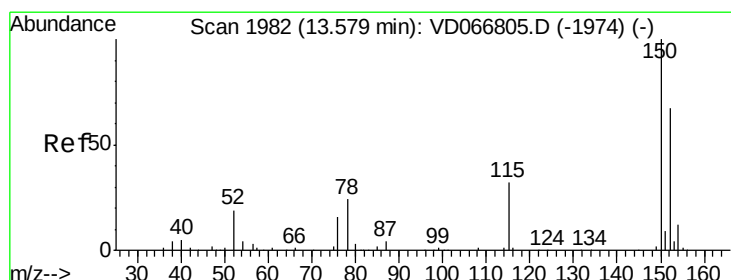
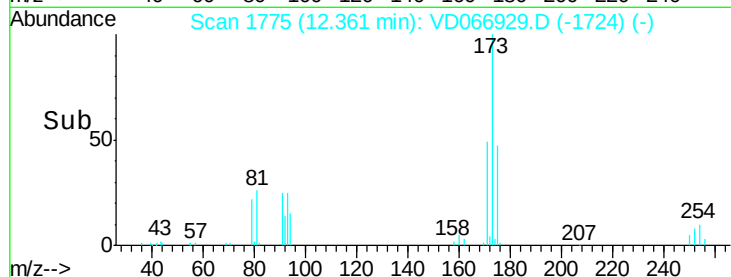
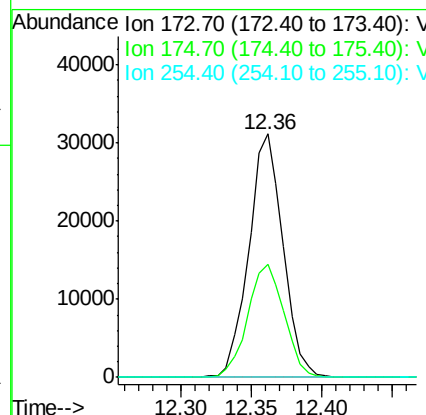
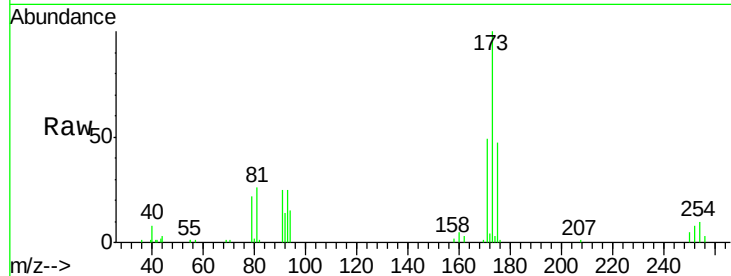
ClientSampleId :

VD0929SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.9	74.6
254	0.0	0.1	0.1

Manual Integrations
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9/30/2020 1:21:54 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

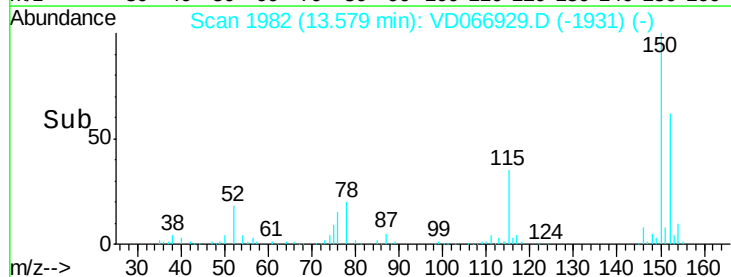
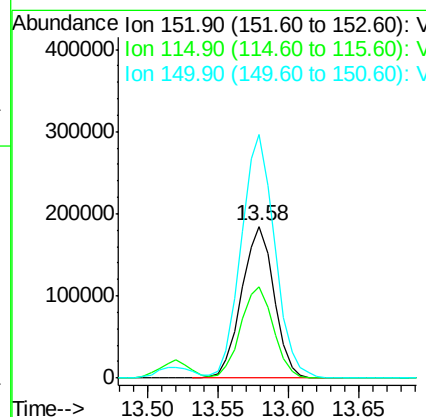
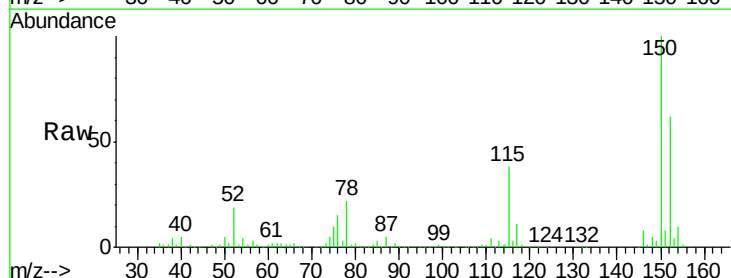
RT: 13.58 min Scan# 1982

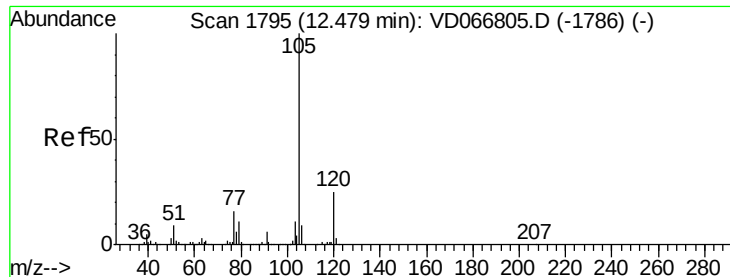
Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.3	91.0
150	166.4	0.0	346.2





#73

Isopropylbenzene

Concen: 20.279 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 105 Resp: 434894

Ion Ratio Lower Upper

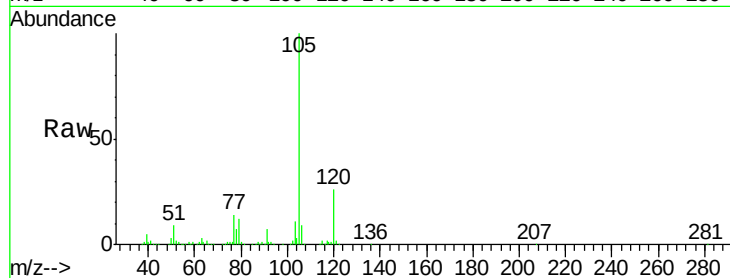
105 100

120 26.6 12.9 38.6

Manual Integrations
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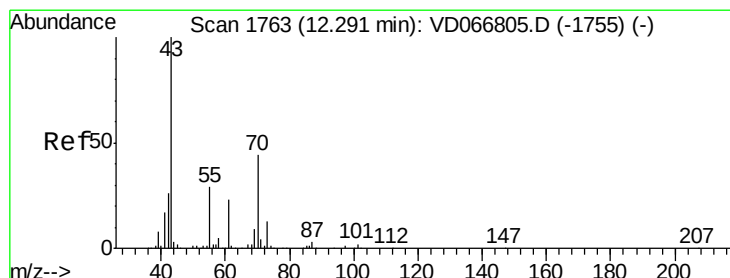
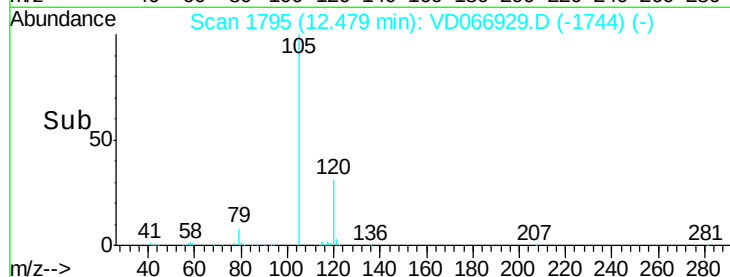
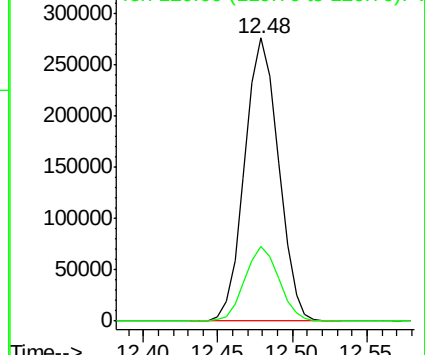
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.142 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion: 43 Resp: 80167

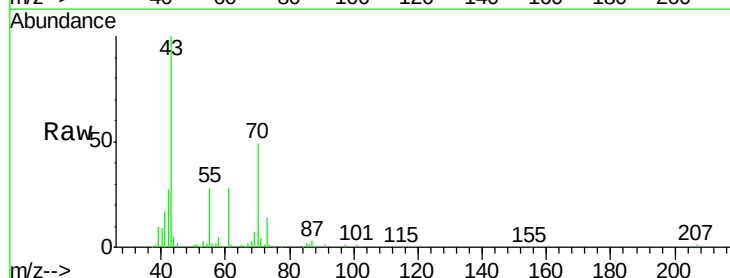
Ion Ratio Lower Upper

43 100

70 48.1 36.1 54.1

55 27.4 21.8 32.8

61 25.1 19.0 28.4

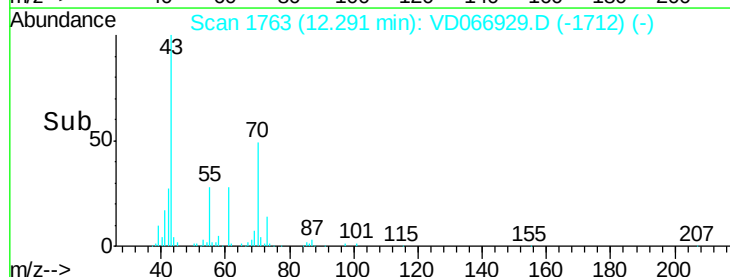
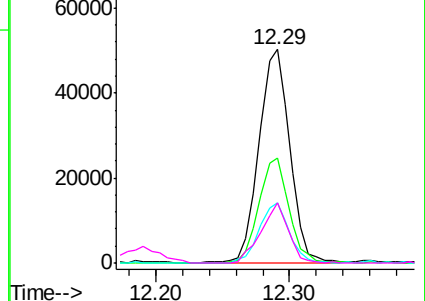


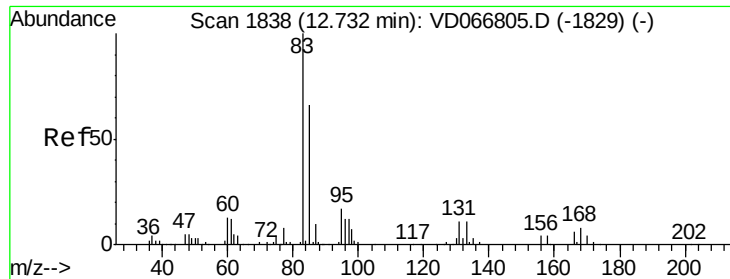
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.330 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

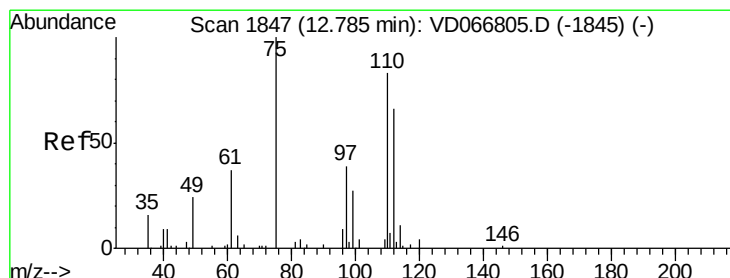
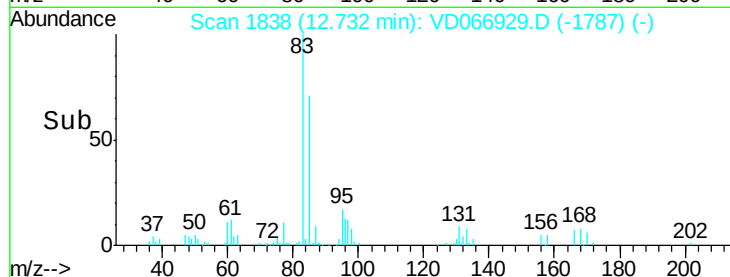
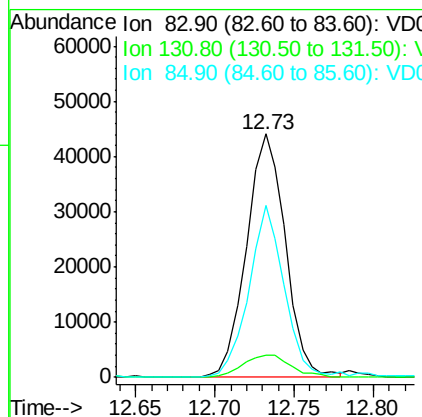
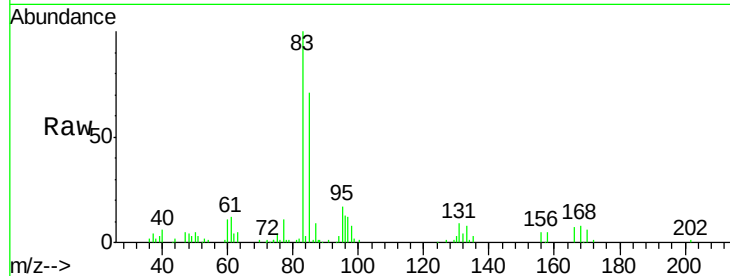
ClientSampleId :

VD0929SBS01

Tot Ion:	83	Resp:	75233
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.7
85	63.7	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.825 ug/l m

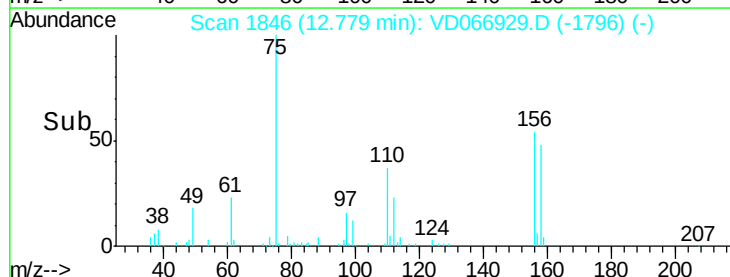
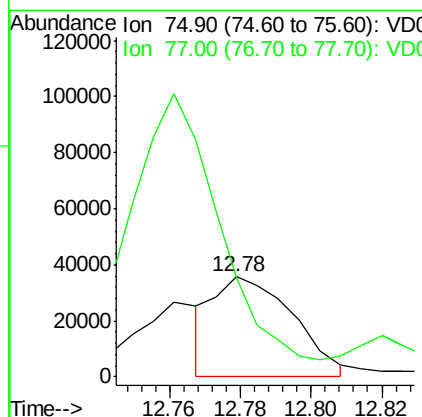
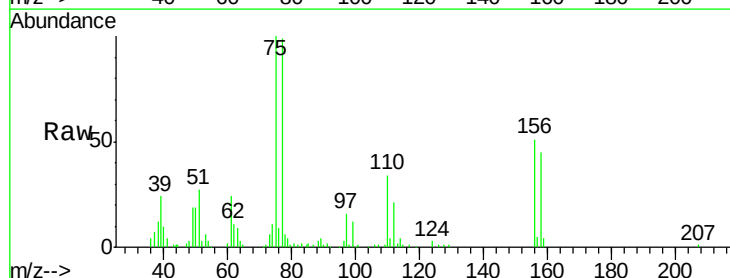
RT: 12.78 min Scan# 1846

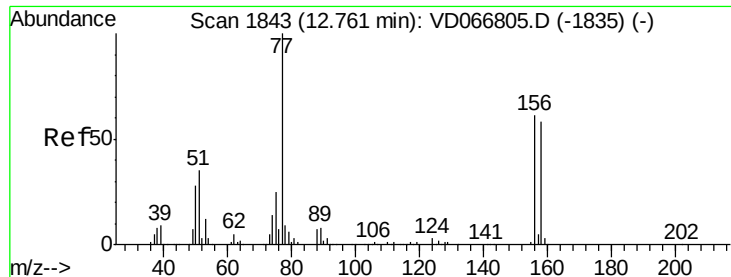
Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion:	75	Resp:	56155
Ion Ratio	Lower	Upper	
75	100		
77	332.3	0.0	0.0#





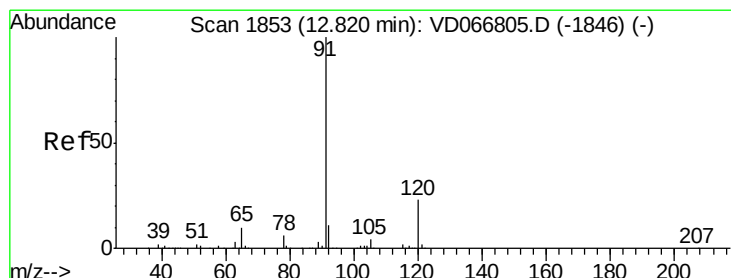
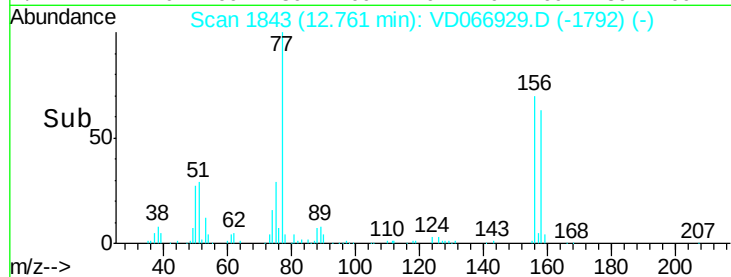
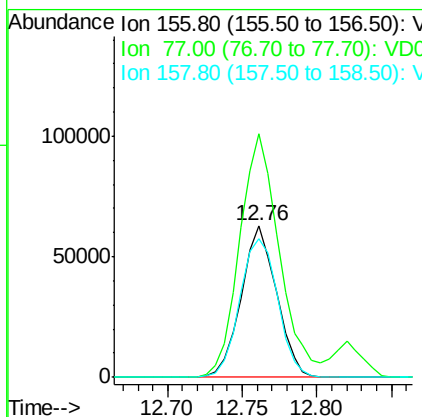
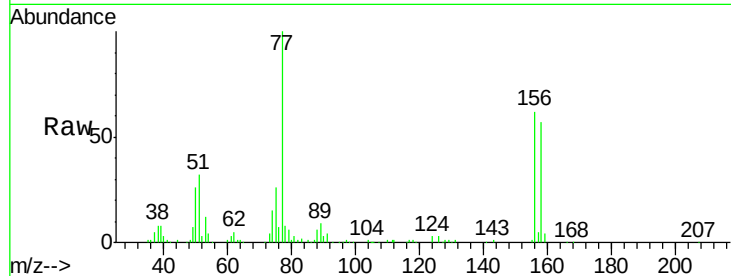
#77
Bromobenzene
Concen: 20.604 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.5	92.3	276.9
158	97.8	47.6	142.9

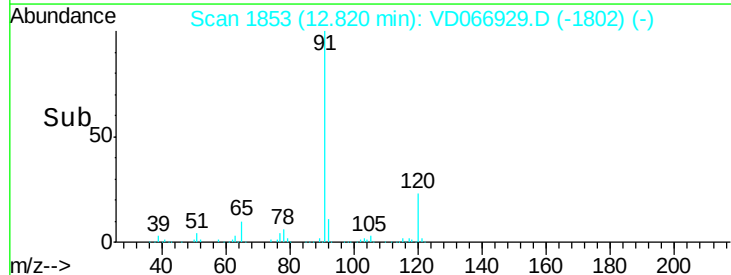
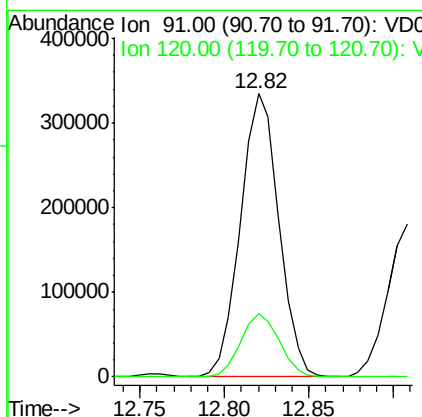
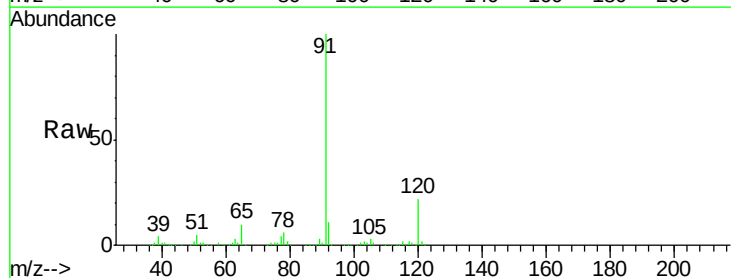
Manual Integrations
APPROVED

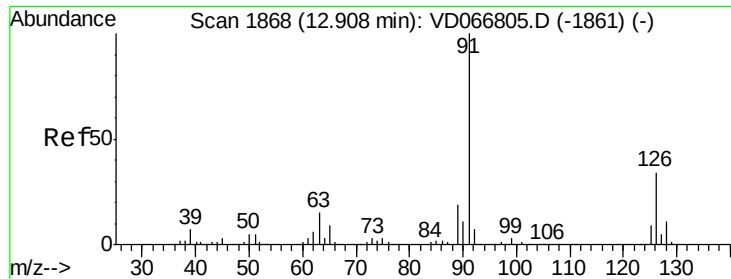
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#78
n-propylbenzene
Concen: 20.500 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.4	34.2





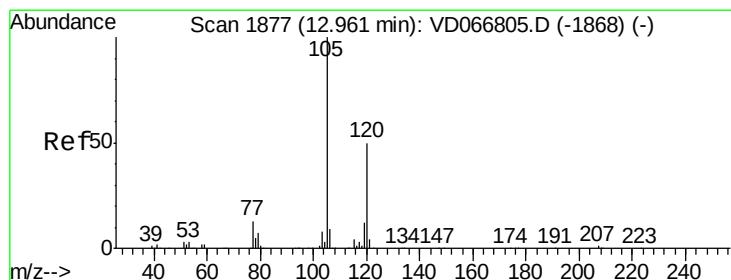
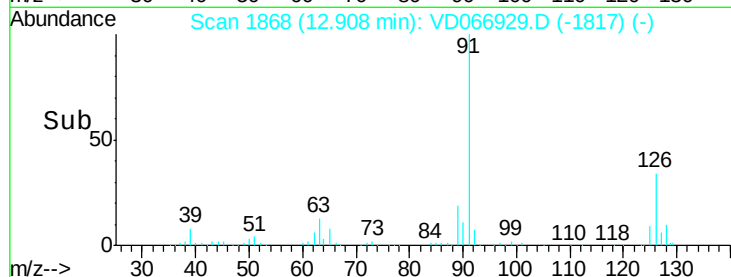
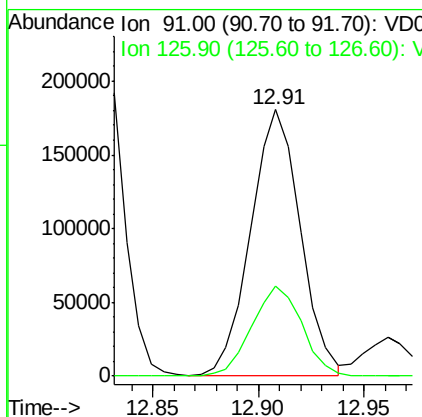
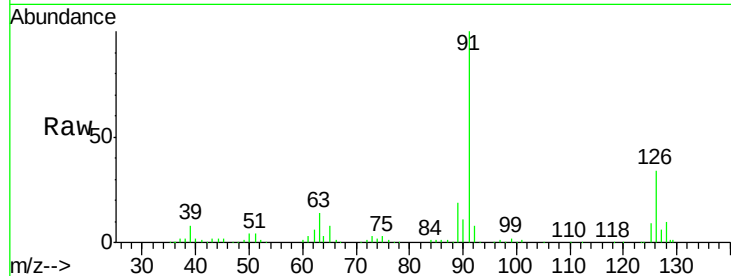
#79
2-Chlorotoluene
Concen: 20.023 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion: 91 Resp: 294389
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0

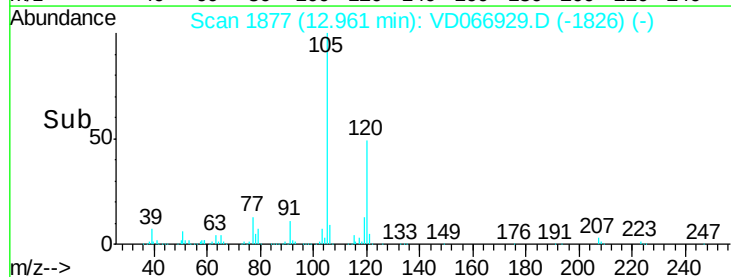
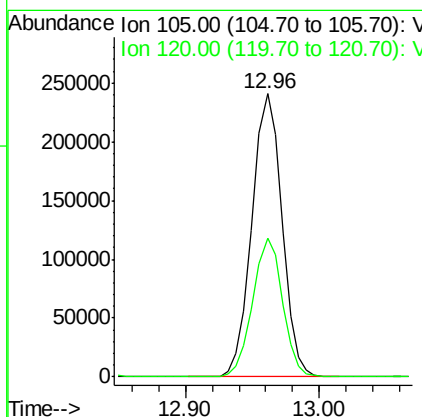
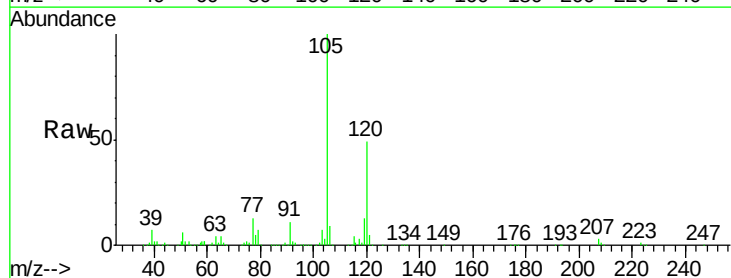
Manual Integrations
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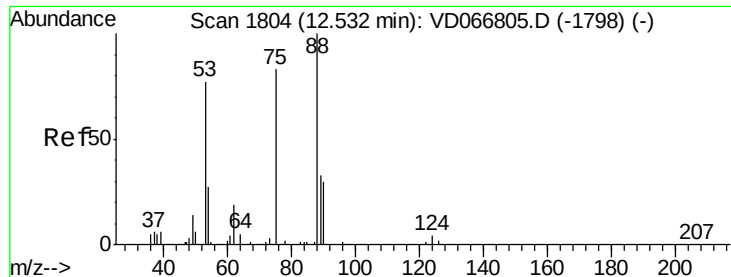
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.471 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 105 Resp: 372512
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.705 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

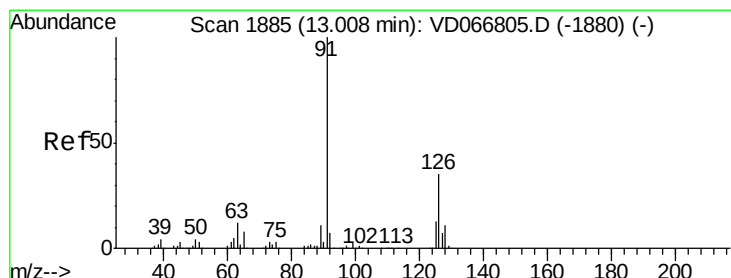
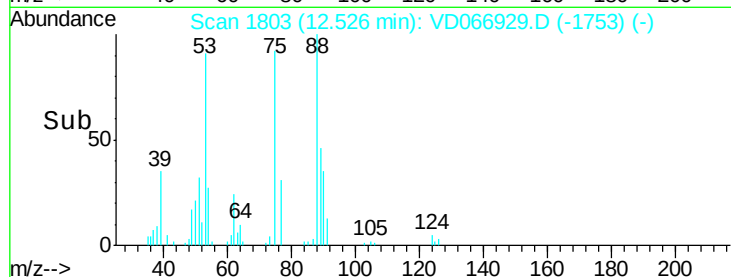
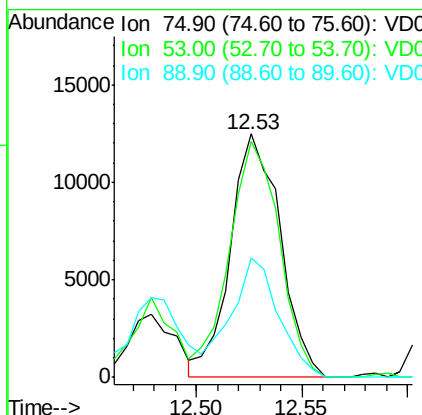
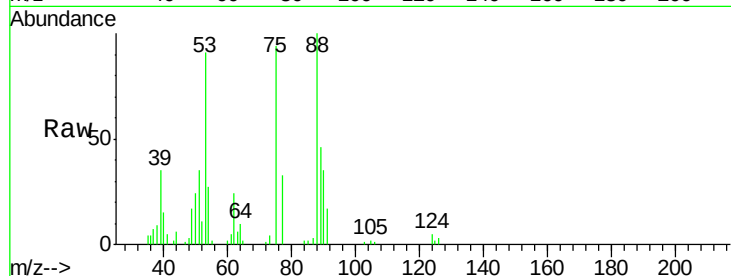
ClientSampleId :

VD0929SBS01

Tot Ion:	75	Resp:	20360
Ion	Ratio	Lower	Upper
75	100		
53	97.9	78.5	117.7
89	47.3	38.1	57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.507 ug/l

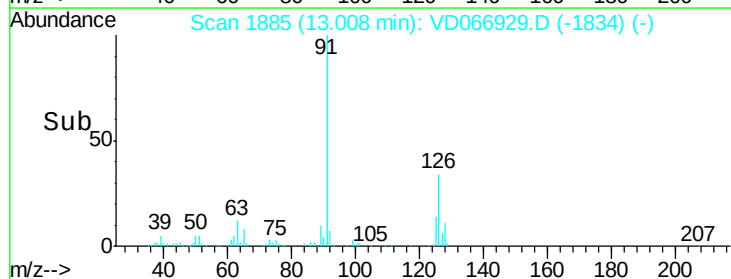
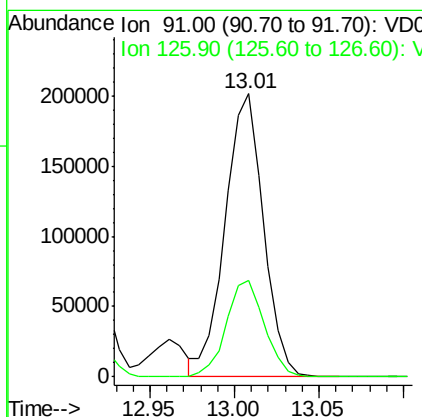
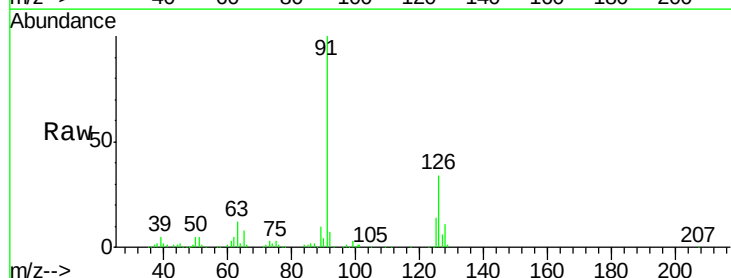
RT: 13.01 min Scan# 1885

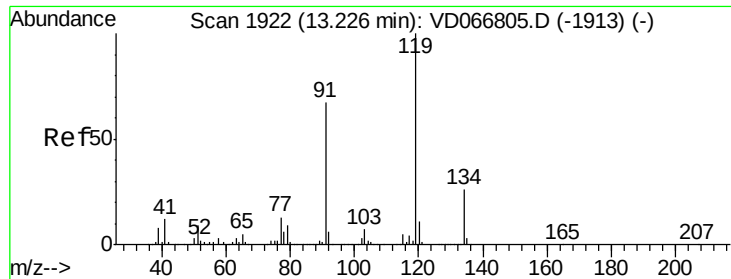
Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion:	91	Resp:	317833
Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.1	51.2





#83

tert-Butylbenzene

Concen: 20.684 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

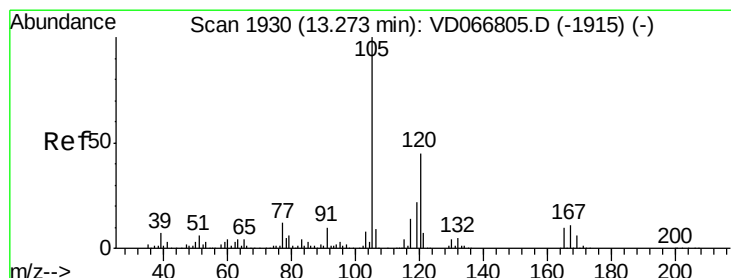
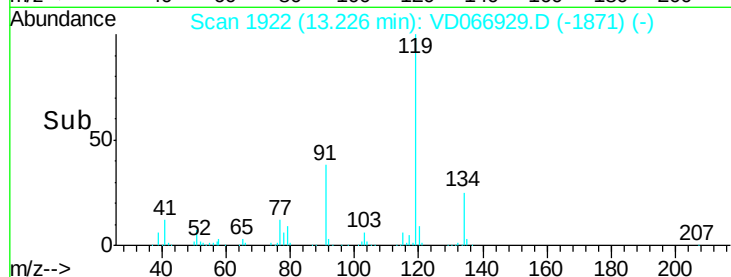
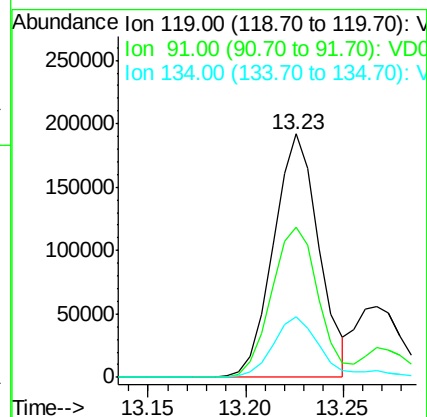
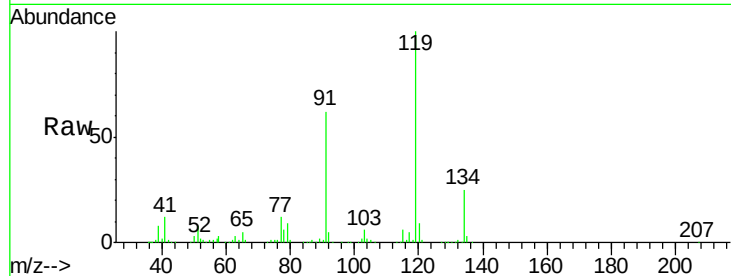
ClientSampleId :

VD0929SBS01

Tot Ion:	119	Resp:	309294
Ion Ratio	Lower	Upper	
119	100		
91	64.3	33.6	100.8
134	26.7	13.5	40.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.529 ug/l

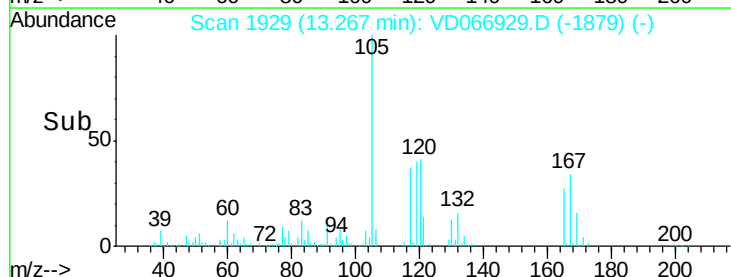
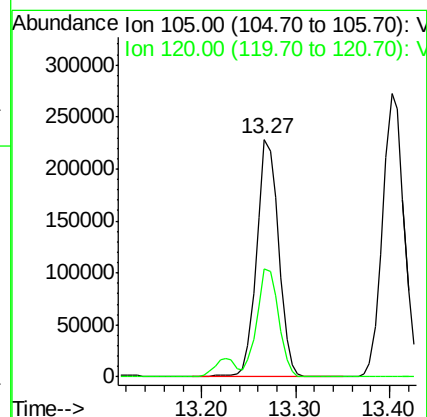
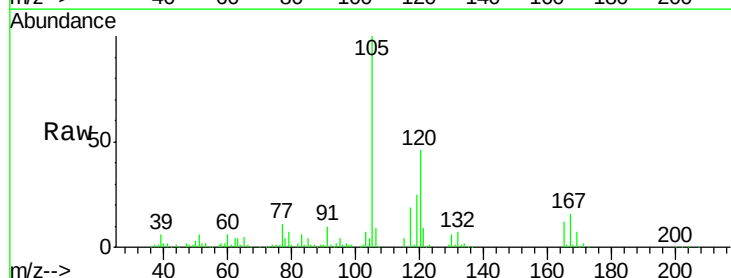
RT: 13.27 min Scan# 1929

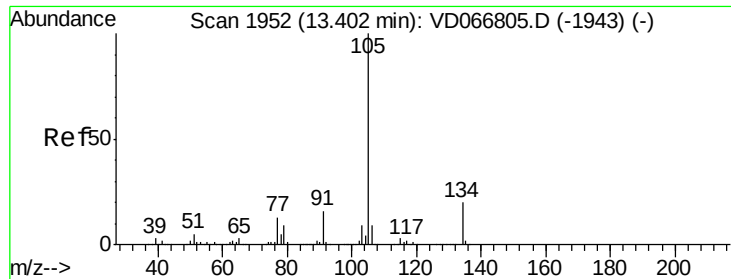
Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion:	105	Resp:	370430
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.3	66.9





#85

sec-Butylbenzene

Concen: 20.014 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion:105 Resp: 430343

Ion Ratio Lower Upper

105 100

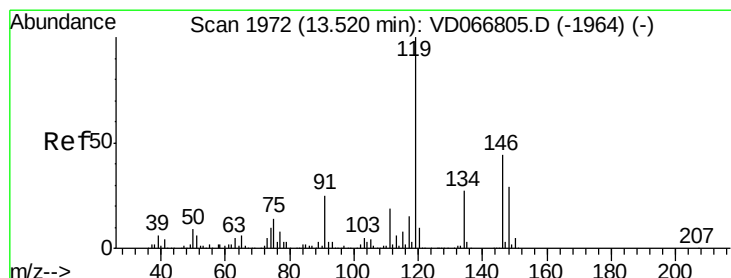
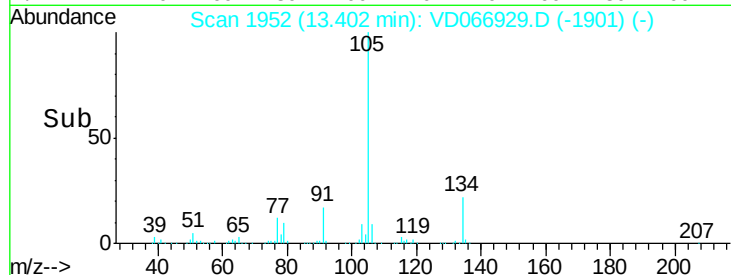
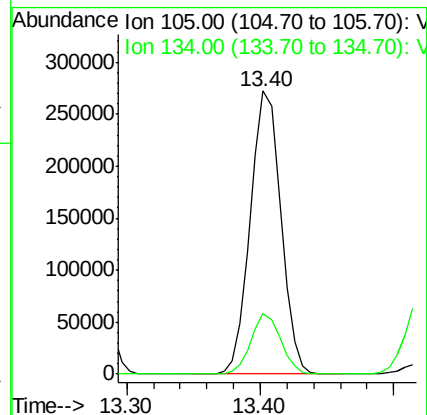
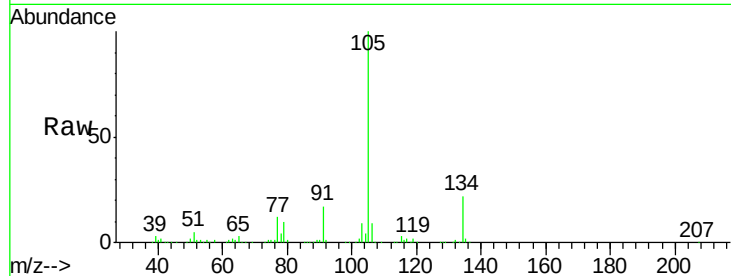
134 20.8 10.2 30.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.816 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

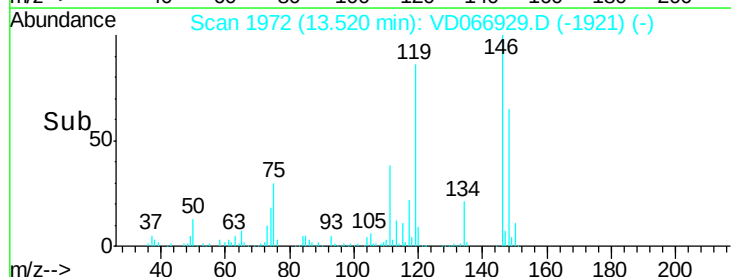
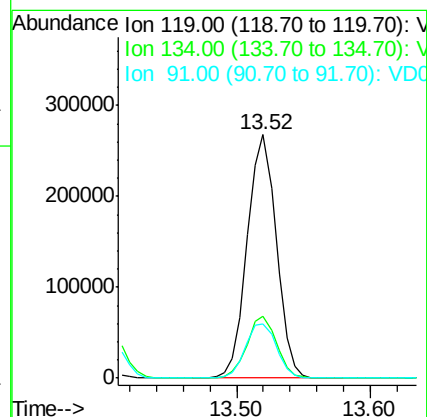
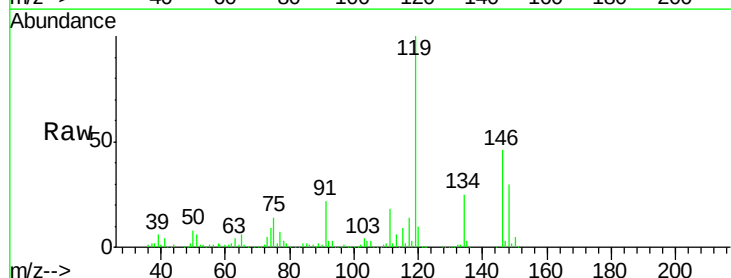
Tgt Ion:119 Resp: 403450

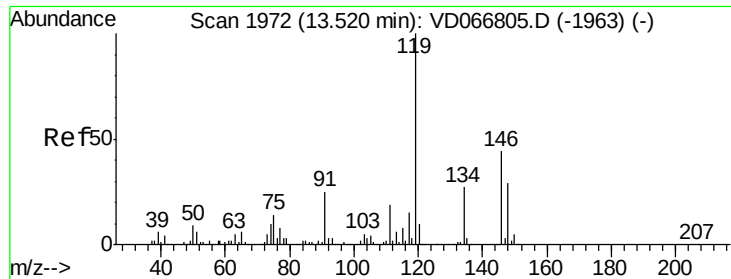
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 24.0 12.0 36.1





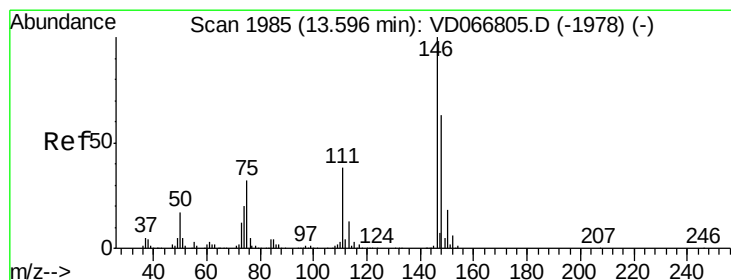
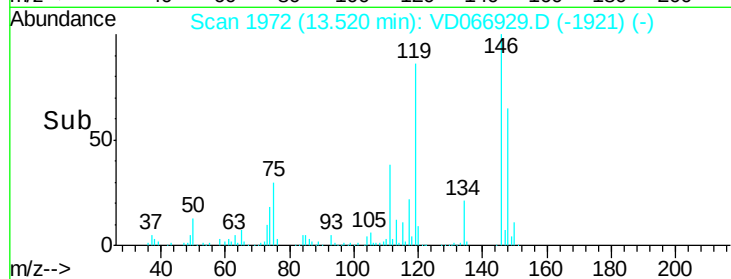
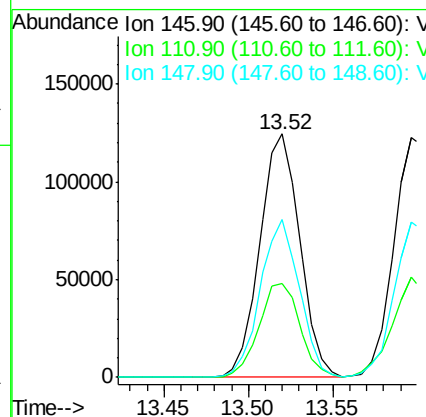
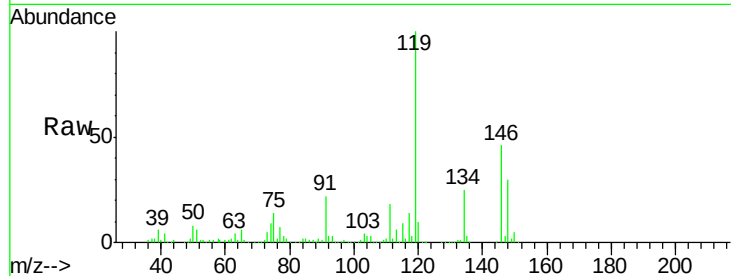
#87
 1,3-Dichlorobenzene
 Concen: 20.676 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.9
148	63.4	31.9	95.5

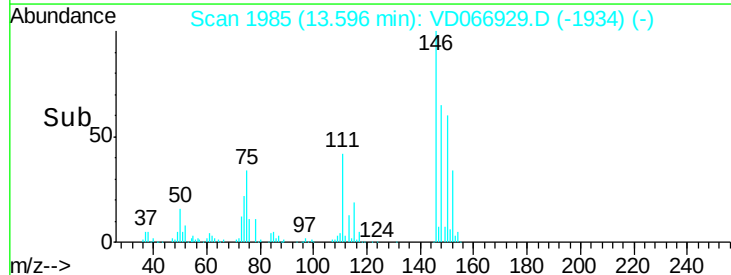
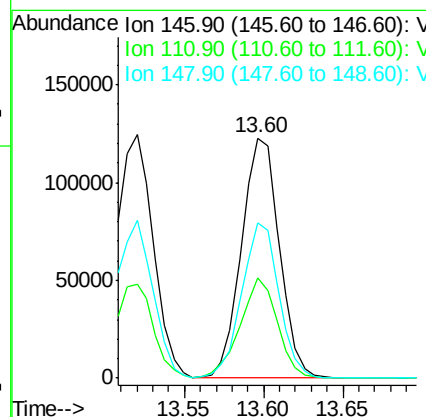
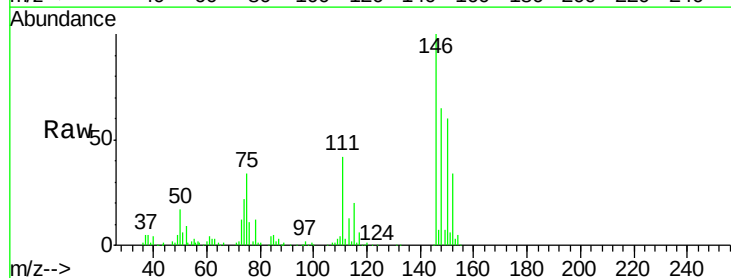
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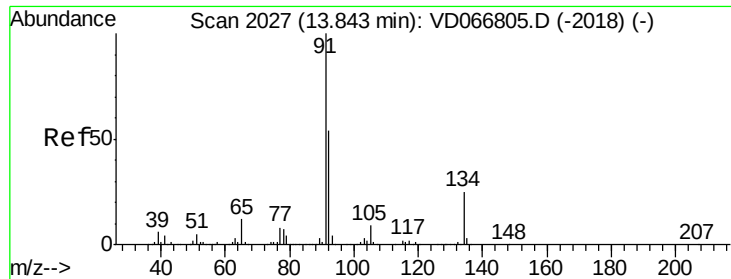
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#88
 1,4-Dichlorobenzene
 Concen: 20.670 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.2	60.5
148	63.8	31.6	94.7





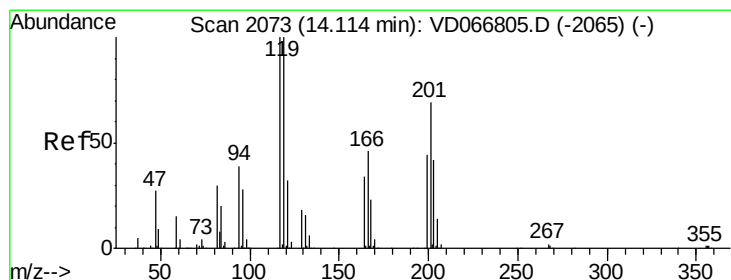
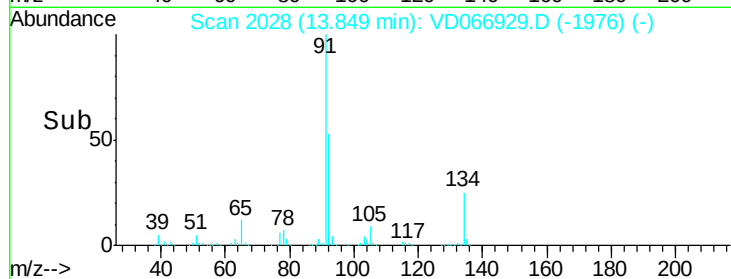
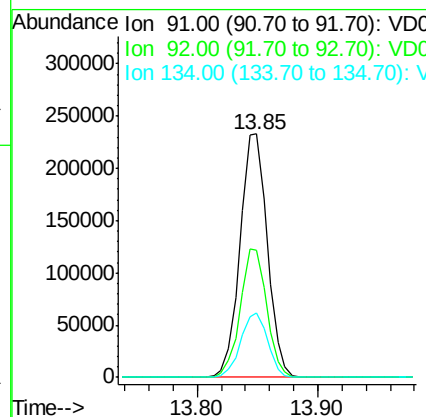
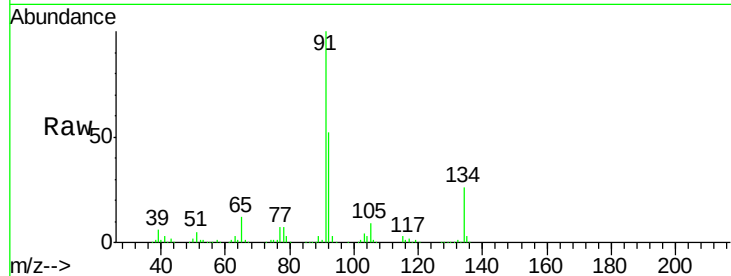
#89
n-Butylbenzene
Concen: 20.011 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.3	26.7	80.0	
134	26.2	13.1	39.1	

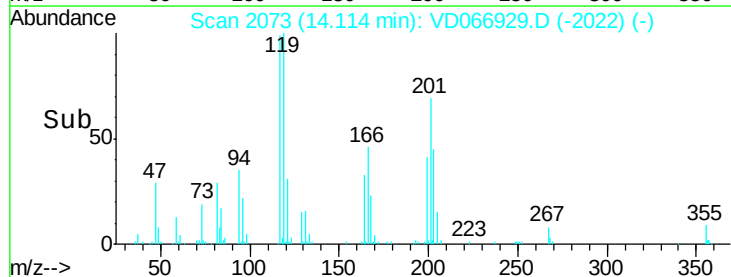
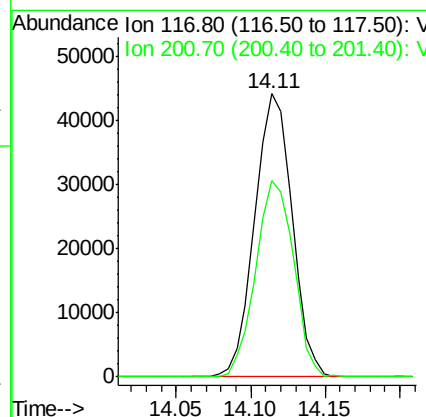
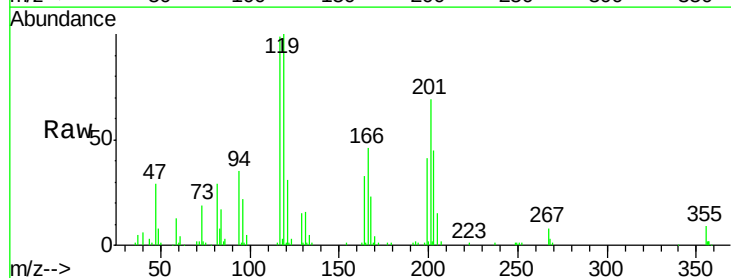
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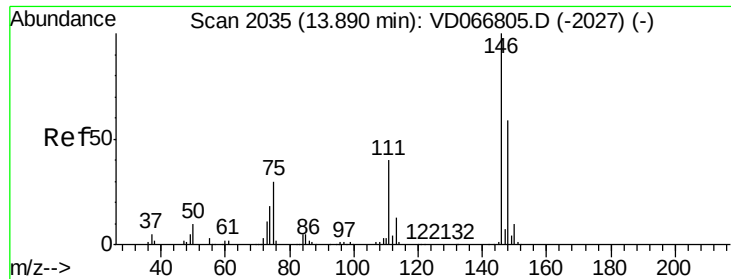
MMDadoda
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#90
Hexachloroethane
Concen: 19.450 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	70.4	33.7	101.0	





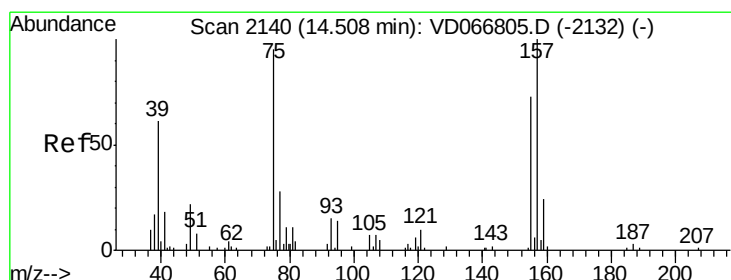
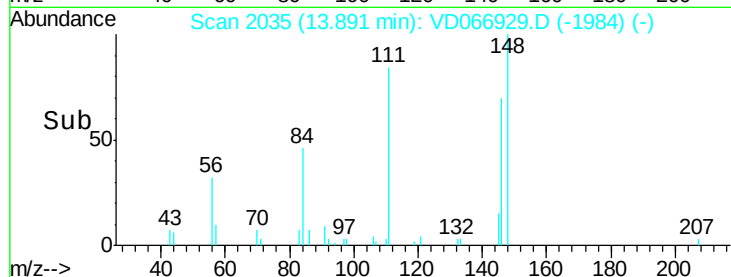
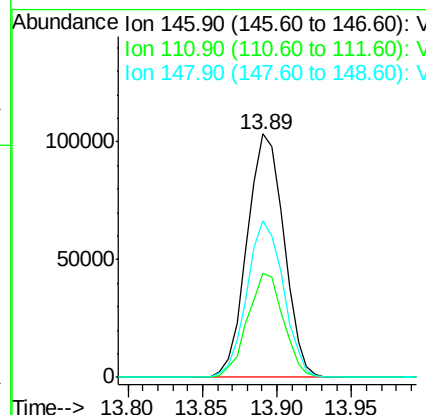
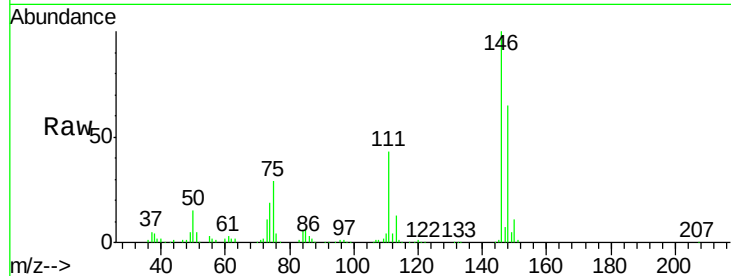
#91
 1,2-Dichlorobenzene
 Concen: 20.833 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	63.8	31.8	95.3

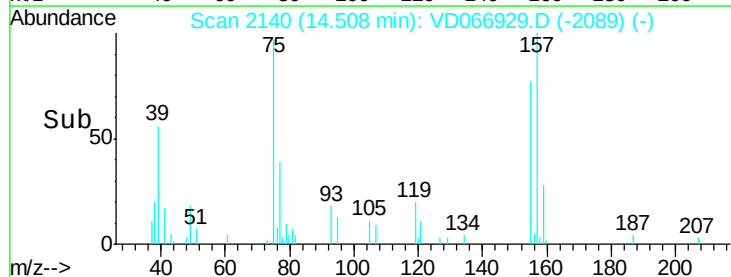
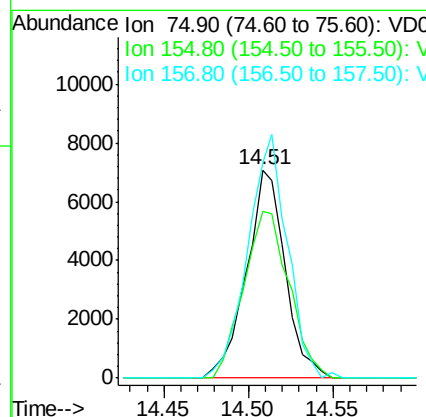
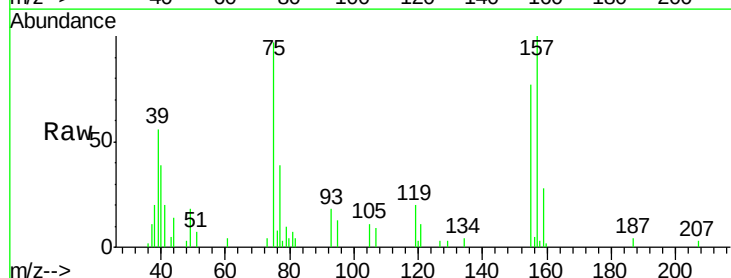
Manual Integrations
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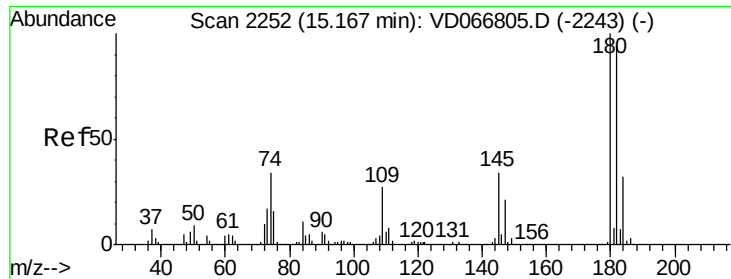
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.999 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	40.4	121.2
157	118.7	51.3	153.9





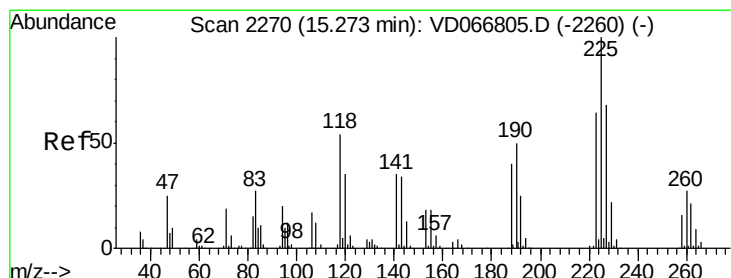
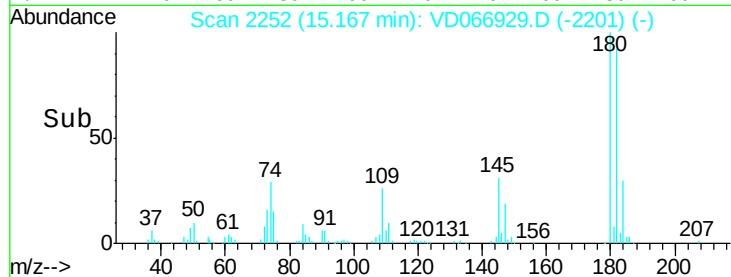
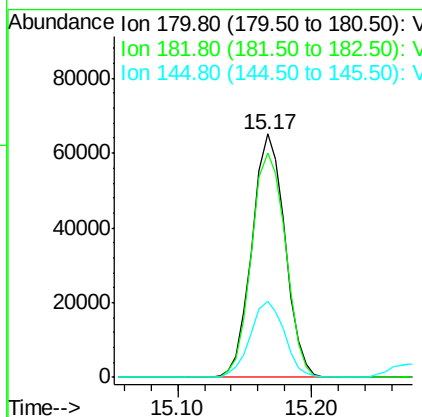
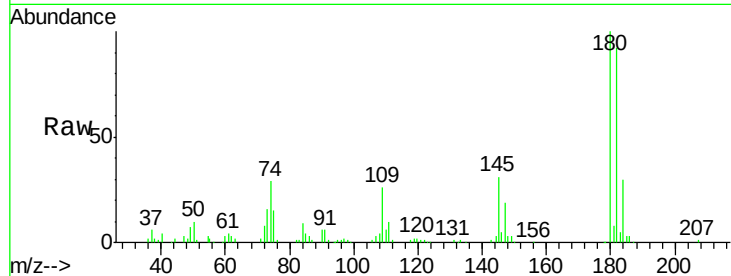
#93
 1,2,4-Trichlorobenzene
 Concen: 20.881 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111438		
182	95.0	48.8	146.3	
145	32.0	16.7	50.0	

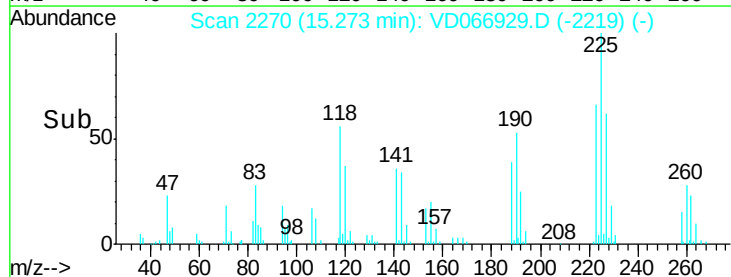
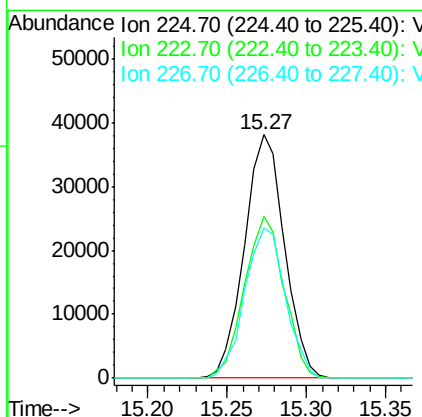
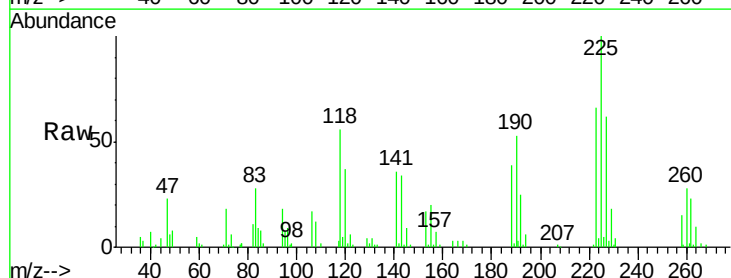
Manual Integrations
 APPROVED

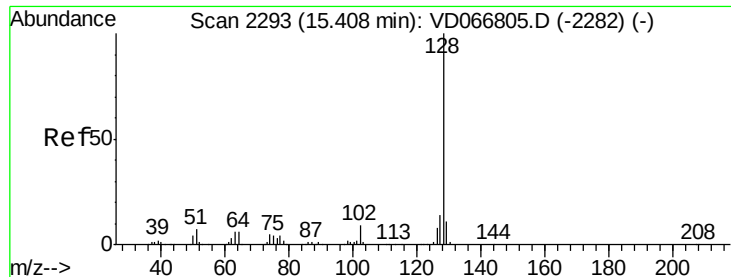
MMDadoda
 9/30/2020 1:21:54 PM



#94
 Hexachlorobutadiene
 Concen: 20.956 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67020		
223	65.6	31.1	93.3	
227	62.8	31.7	95.1	





#95

Naphthalene

Concen: 20.201 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

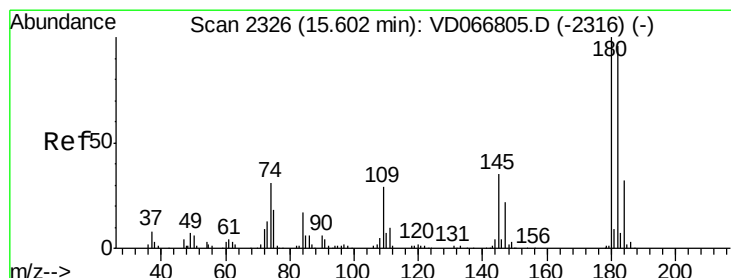
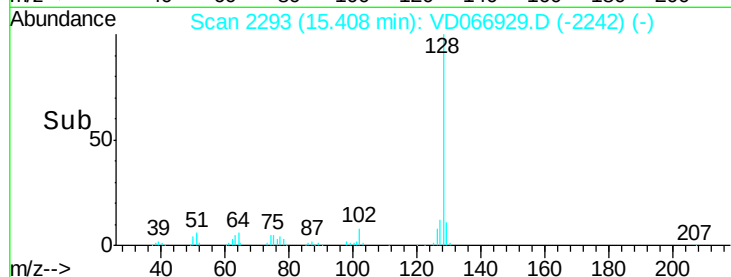
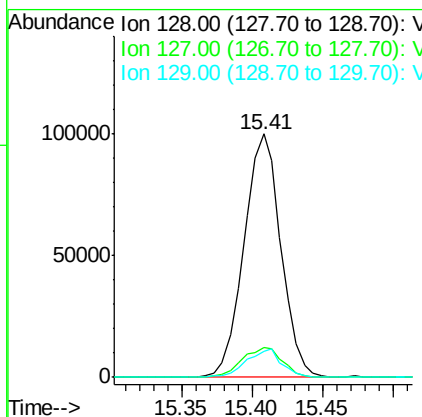
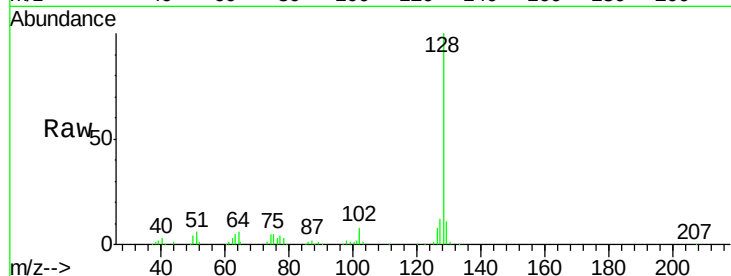
ClientSampleId :

VD0929SBS01

Tot Ion:	128	Resp:	183036
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/30/2020 1:21:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.437 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion:	180	Resp:	98746
Ion Ratio	Lower	Upper	
180	100		
182	95.8	46.8	140.3
145	34.8	17.0	51.0

