

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066889.D
 Acq On : 25 Sep 2020 23:54
 Operator : VA/SY
 Sample : VD0925SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 06:53:58 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	362719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	603971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	558998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	178814	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
35) Dibromofluoromethane	7.91	113	184150	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.34	98	655056	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.63	95	227845	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	67578	23.653	ug/l	95
3) Chloromethane	2.21	50	75151	22.550	ug/l	95
4) Vinyl Chloride	2.35	62	71052	21.580	ug/l	94
5) Bromomethane	2.76	94	50044	21.625	ug/l	97
6) Chloroethane	2.92	64	42905	20.985	ug/l #	88
7) Trichlorofluoromethane	3.27	101	142524	21.078	ug/l	100
8) Diethyl Ether	3.71	74	38628	22.502	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81838	20.872	ug/l	98
10) Methyl Iodide	4.30	142	74320	21.480	ug/l	95
11) Tert butyl alcohol	5.21	59	29505	110.987	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	74983	21.111	ug/l	96
13) Acrolein	3.92	56	22078	84.302	ug/l	92
14) Allyl chloride	4.71	41	105483	20.225	ug/l	97
15) Acrylonitrile	5.43	53	81802	107.530	ug/l	98
16) Acetone	4.16	43	67092	89.087	ug/l	99
17) Carbon Disulfide	4.41	76	227539	20.954	ug/l	100
18) Methyl Acetate	4.71	43	38601	20.857	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	167253	21.684	ug/l	93
20) Methylene Chloride	4.97	84	117306	26.076	ug/l	97
21) trans-1,2-Dichloroethene	5.48	96	90581	22.025	ug/l	95
22) Diisopropyl ether	6.36	45	233106	21.738	ug/l	98
23) Vinyl Acetate	6.31	43	567835	99.159	ug/l	96
24) 1,1-Dichloroethane	6.27	63	152917	21.315	ug/l	98
25) 2-Butanone	7.21	43	97693	107.944	ug/l #	89
26) 2,2-Dichloropropane	7.21	77	125640	19.108	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	100305	22.447	ug/l	97
28) Bromochloromethane	7.55	49	60170	20.302	ug/l	96
29) Tetrahydrofuran	7.56	42	62456	107.701	ug/l	97
30) Chloroform	7.71	83	165833	21.445	ug/l	99
31) Cyclohexane	7.98	56	126419	19.584	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	147916	21.145	ug/l	99
36) 1,1-Dichloropropene	8.11	75	119011	19.862	ug/l	99
37) Ethyl Acetate	7.29	43	49569	22.884	ug/l #	94
38) Carbon Tetrachloride	8.09	117	131084	20.010	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	131815	19.160	ug/l	98
40) Benzene	8.34	78	359972	21.556	ug/l	94
41) Methacrylonitrile	7.52	41	22114	16.601	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	102570	20.777	ug/l	99
43) Isopropyl Acetate	8.44	43	88933	21.295	ug/l	98
44) Trichloroethene	9.11	130	99950	20.999	ug/l	98
45) 1,2-Dichloropropane	9.38	63	89687	21.346	ug/l	99
46) Dibromomethane	9.47	93	49923	21.869	ug/l	99
47) Bromodichloromethane	9.66	83	127685	20.822	ug/l	93
48) Methyl methacrylate	9.45	41	46168	22.422	ug/l	92
49) 1,4-Dioxane	9.46	88	12634	428.746	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	223708	105.718	ug/l	100
52) Toluene	10.40	92	231454	21.517	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	110924	21.252	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	134908	21.198	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	65831	20.977	ug/l	98
56) Ethyl methacrylate	10.66	69	72060	21.434	ug/l	99
57) 1,3-Dichloropropane	10.94	76	113179	21.841	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	194888	122.429	ug/l	97
59) 2-Hexanone	10.98	43	146188	102.442	ug/l	95
60) Dibromochloromethane	11.14	129	90685	22.141	ug/l	100
61) 1,2-Dibromoethane	11.24	107	66193	22.677	ug/l	97
64) Tetrachloroethene	10.87	164	89236	22.193	ug/l	95
65) Chlorobenzene	11.67	112	243517	20.928	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	90836	20.626	ug/l	94
67) Ethyl Benzene	11.74	91	421347	20.618	ug/l	97
68) m/p-Xylenes	11.85	106	334474	43.228	ug/l	99
69) o-Xylene	12.18	106	146075	20.879	ug/l	100
70) Styrene	12.19	104	261353	21.510	ug/l	100
71) Bromoform	12.36	173	48914	21.937	ug/l #	99
73) Isopropylbenzene	12.48	105	394194	20.448	ug/l	99
74) N-amyl acetate	12.29	43	74967	19.914	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	72111	21.678	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	44207m	19.990	ug/l	
77) Bromobenzene	12.76	156	99275	22.019	ug/l	95
78) n-propylbenzene	12.82	91	477299	20.580	ug/l	100
79) 2-Chlorotoluene	12.91	91	275896	20.876	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	345302	21.110	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	19656	22.237	ug/l	96
82) 4-Chlorotoluene	13.01	91	294410	21.133	ug/l	100
83) tert-Butylbenzene	13.23	119	277876	20.673	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	341987	21.084	ug/l	99
85) sec-Butylbenzene	13.40	105	396569	20.517	ug/l	99
86) p-Isopropyltoluene	13.52	119	359755	20.649	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	187680	21.070	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	188289	21.283	ug/l	100
89) n-Butylbenzene	13.84	91	316800	19.130	ug/l	100
90) Hexachloroethane	14.11	117	70809	20.019	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	165706	21.744	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10804	20.190	ug/l	95

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ClientSampleId :
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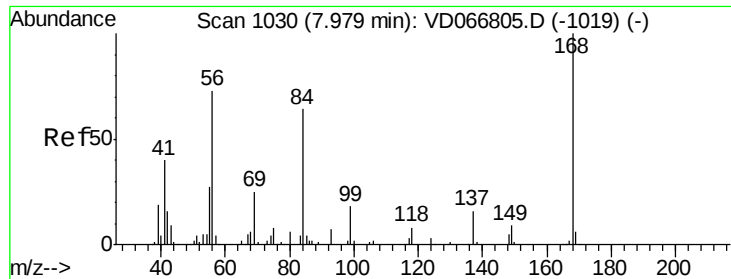
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	97790	20.384	ug/l	95
94) Hexachlorobutadiene	15.27	225	58047	20.192	ug/l	97
95) Naphthalene	15.40	128	166395	20.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	85243	20.587	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

Tot Ion:168 Resp: 362719

Ion Ratio Lower Upper

168 100

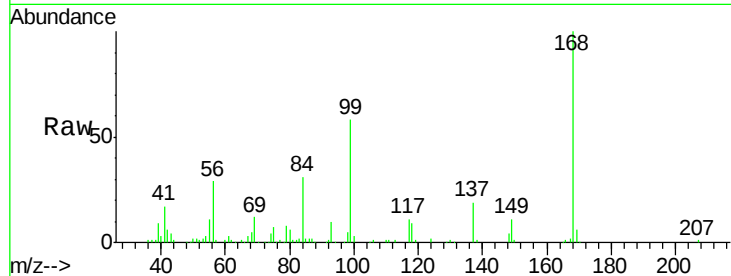
99 57.6 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

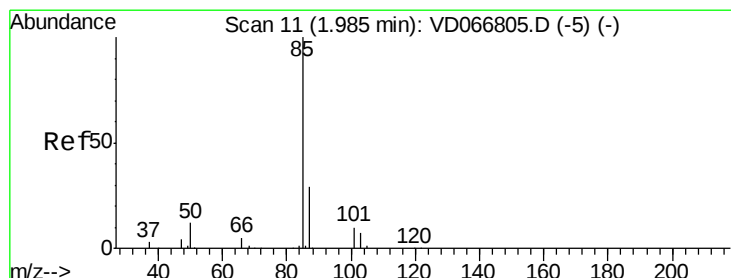
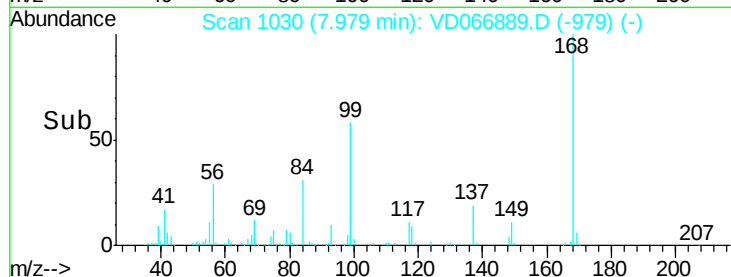
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.653 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066889.D

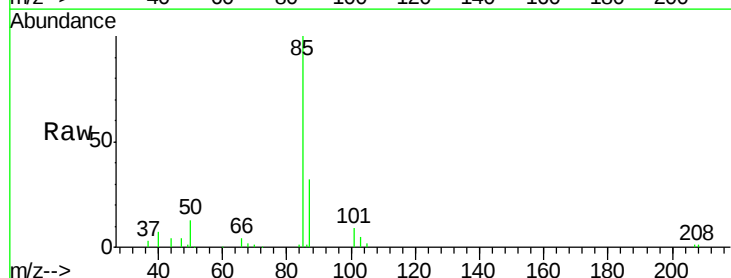
Acq: 25 Sep 2020 23:54

Tgt Ion: 85 Resp: 67578

Ion Ratio Lower Upper

85 100

87 31.7 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

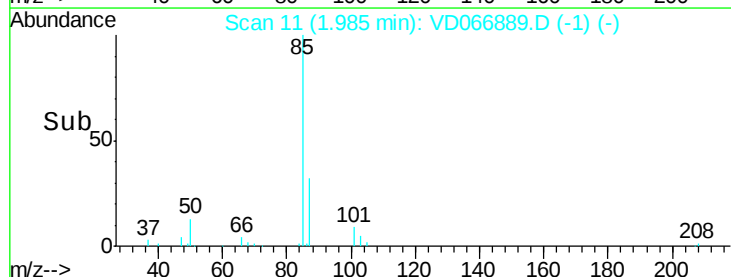
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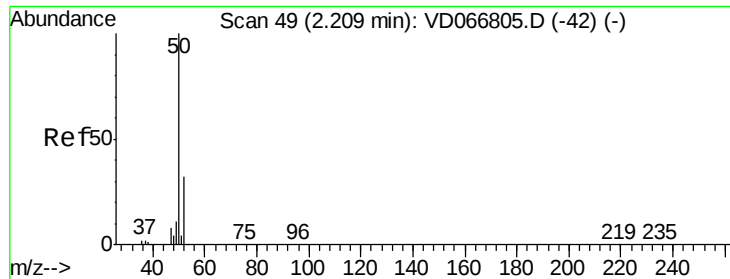
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.550 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

Tot Ion: 50 Resp: 75151

Ion Ratio Lower Upper

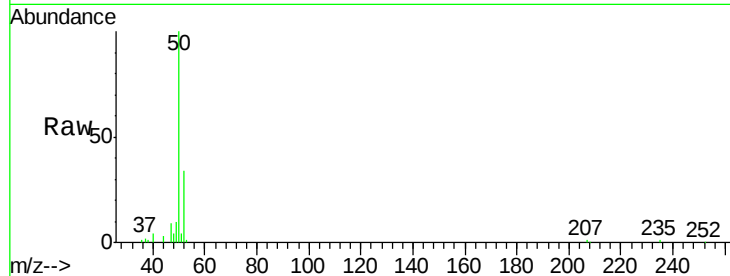
50 100

52 34.4 25.5 38.3

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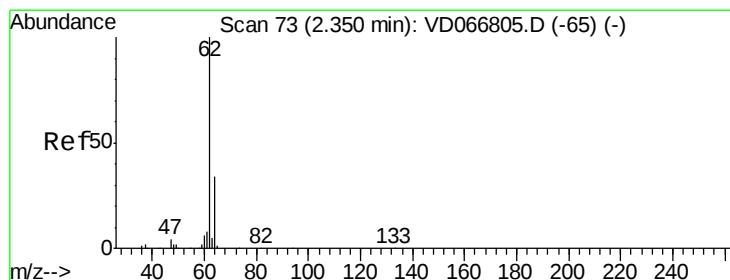
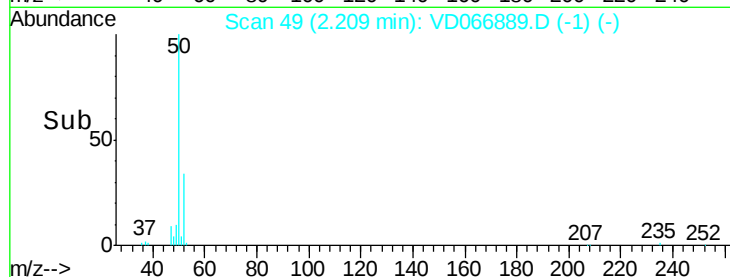
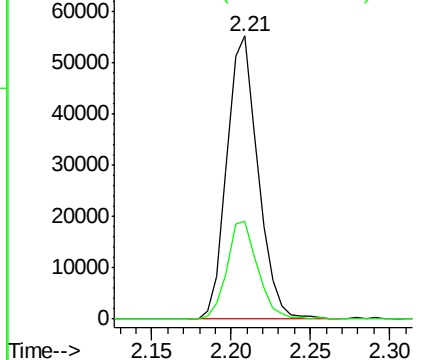
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.580 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066889.D

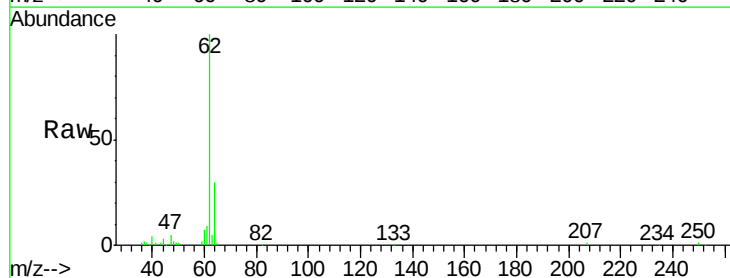
Acq: 25 Sep 2020 23:54

Tgt Ion: 62 Resp: 71052

Ion Ratio Lower Upper

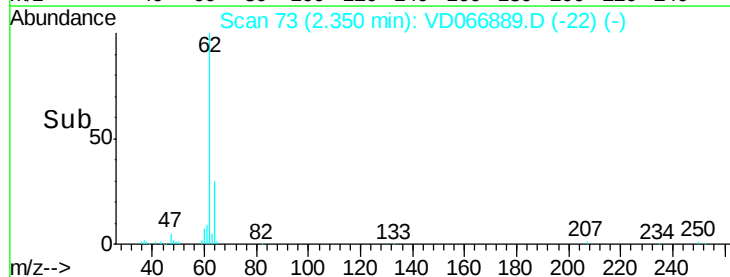
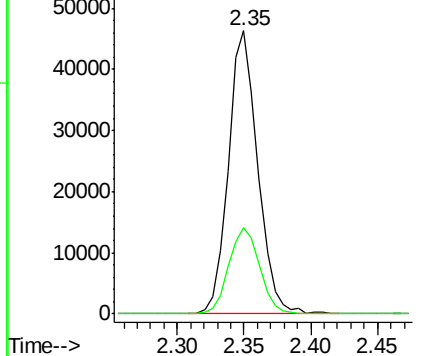
62 100

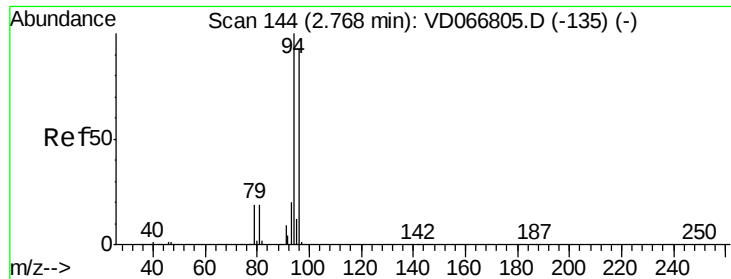
64 30.3 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.625 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

Tot Ion: 94 Resp: 50044

Ion Ratio Lower Upper

94 100

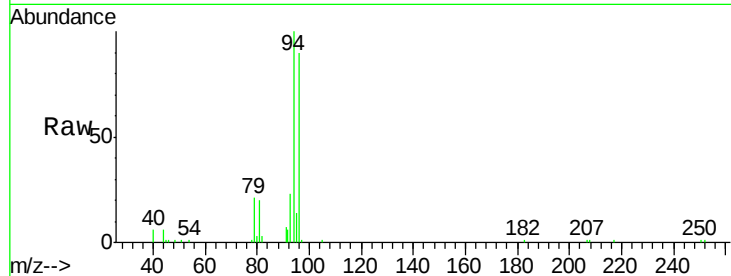
96 89.7 74.3 111.5

Manual Integrations

APPROVED

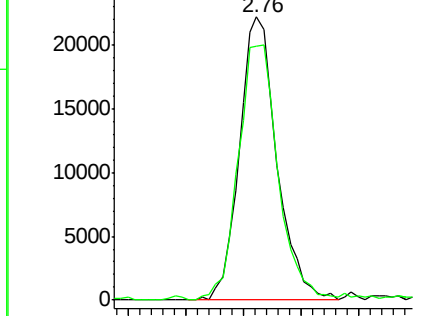
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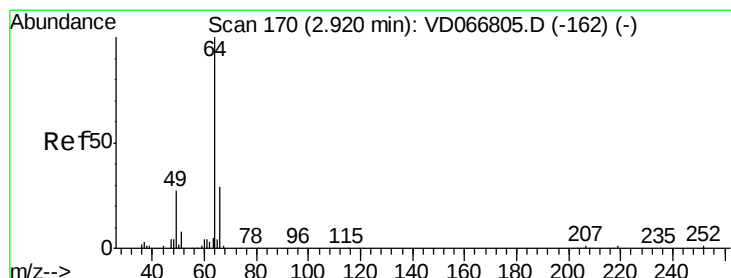
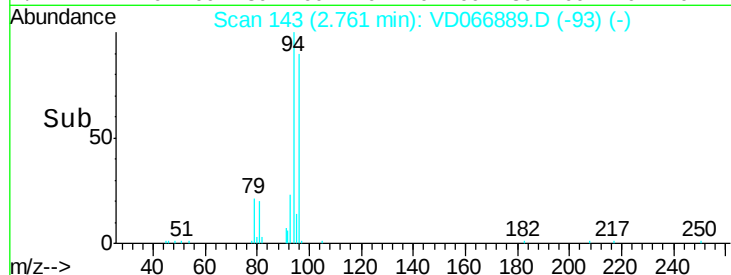


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 20.985 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066889.D

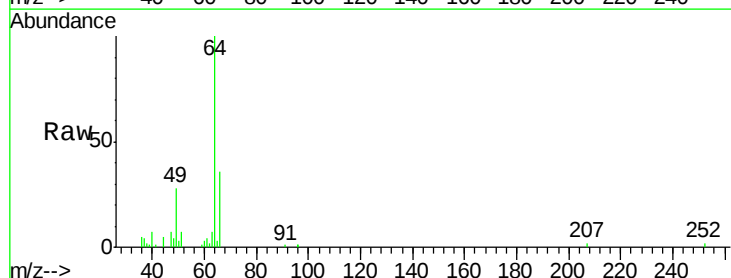
Acq: 25 Sep 2020 23:54

Tgt Ion: 64 Resp: 42905

Ion Ratio Lower Upper

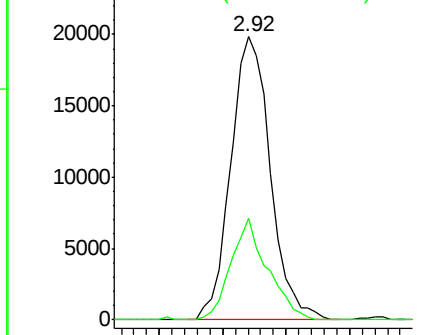
64 100

66 35.7 23.3 34.9#

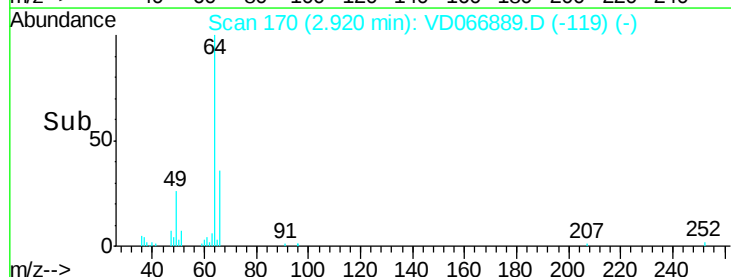


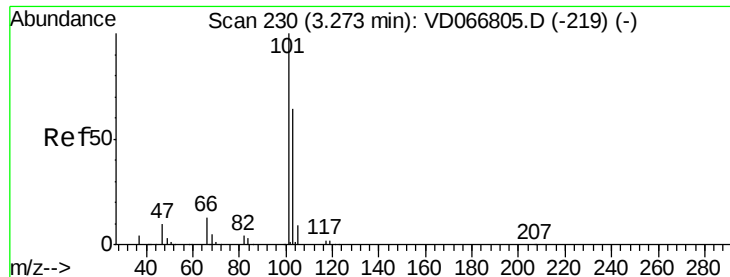
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time--> 2.85 2.90 2.95 3.00





#7

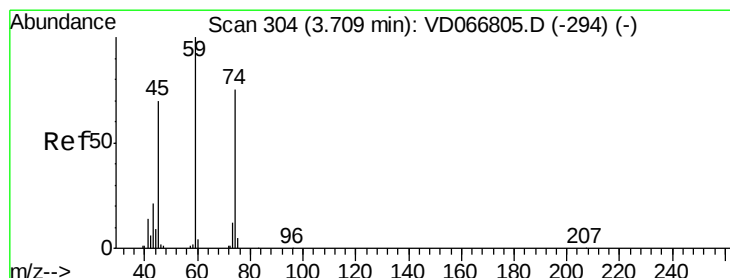
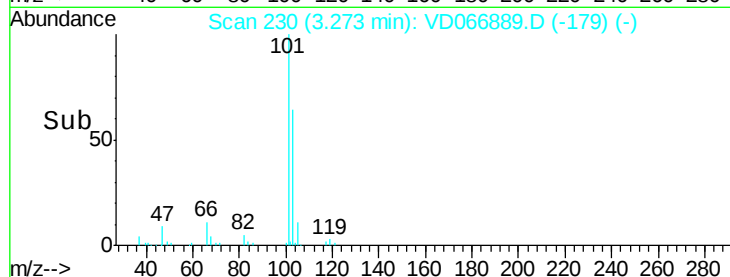
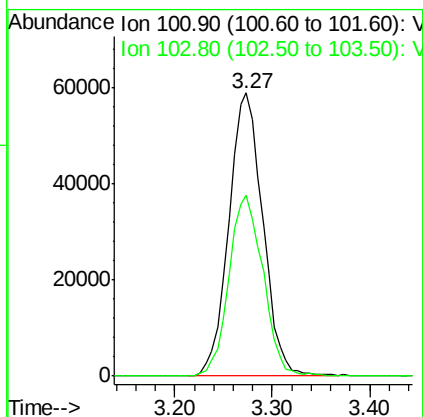
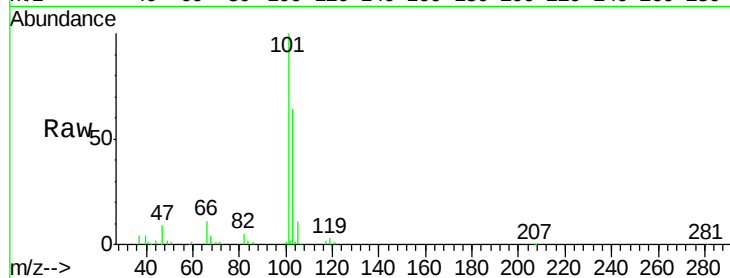
Trichlorofluoromethane
 Concen: 21.078 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.0	76.6

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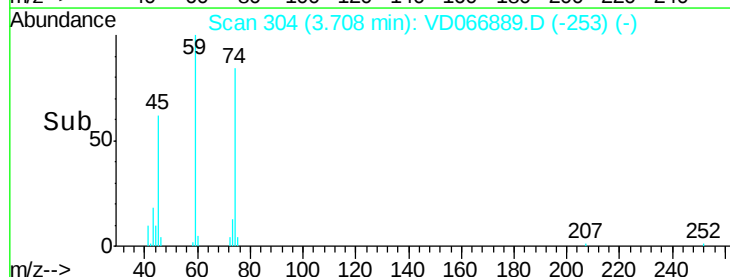
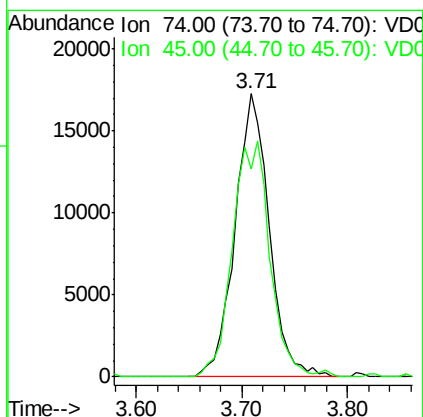
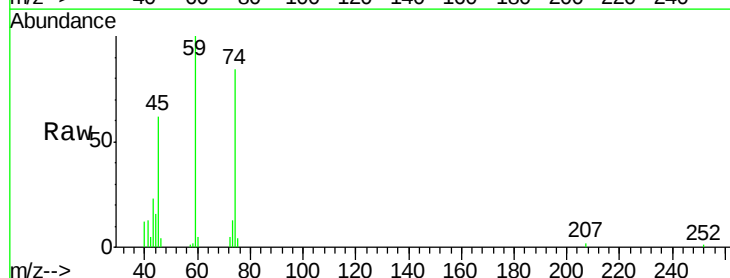
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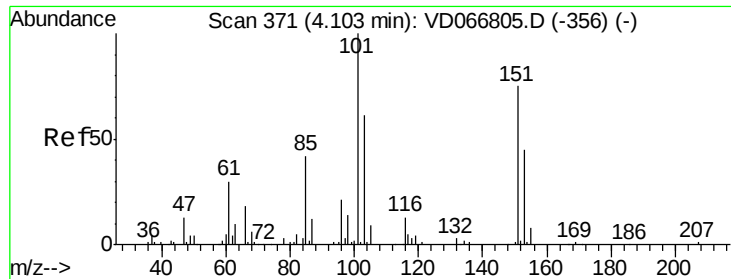


#8

Diethyl Ether
 Concen: 22.502 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	46.0	138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.872 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

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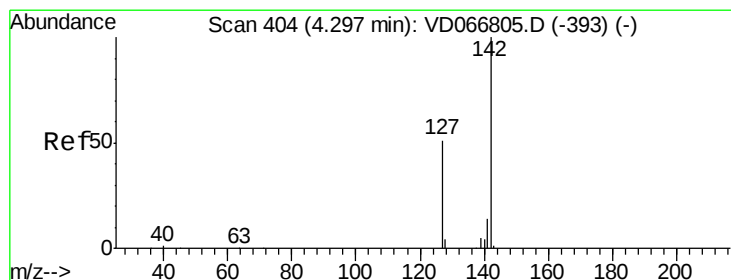
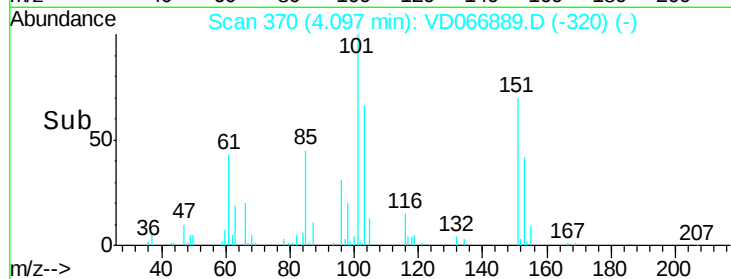
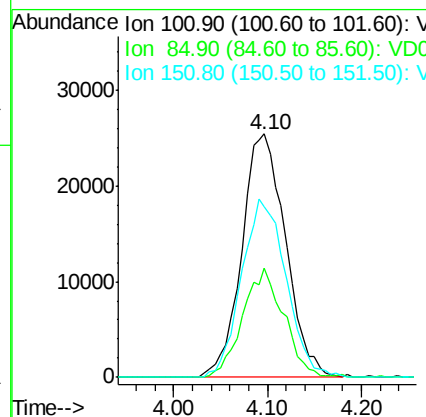
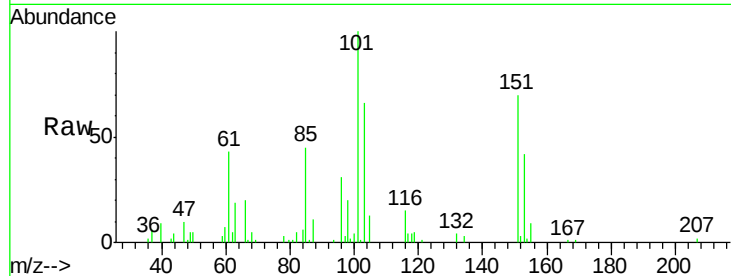
ClientSampleId :

VD0925SBS02

Tot Ion:	101	Resp:	81838
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.4	53.2
151	75.0	61.4	92.0

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#10

Methyl Iodide

Concen: 21.480 ug/l

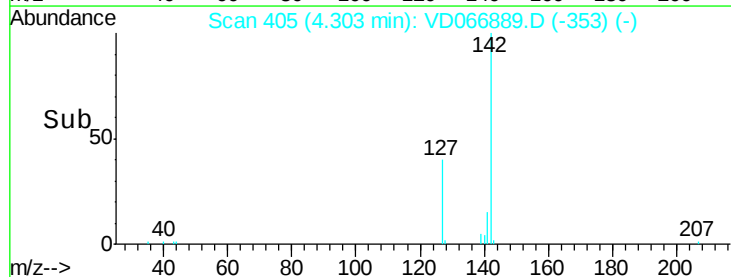
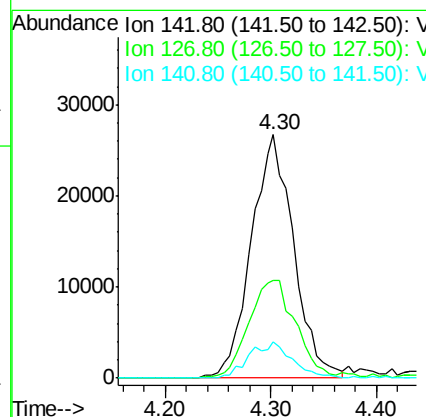
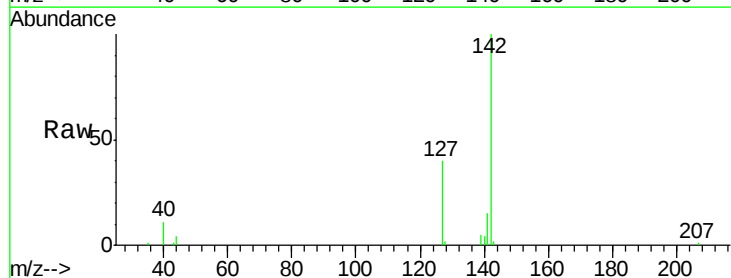
RT: 4.30 min Scan# 405

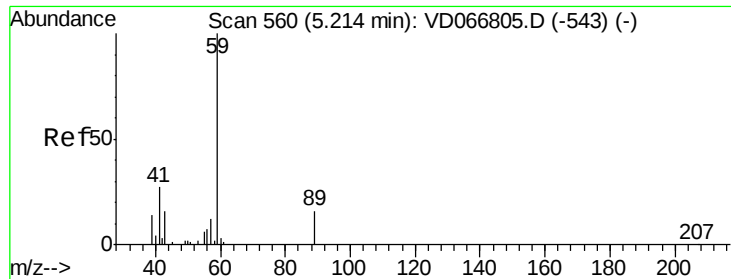
Delta R.T. 0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion:	142	Resp:	74320
Ion Ratio	Lower	Upper	
142	100		
127	44.4	39.4	59.0
141	15.0	12.1	18.1





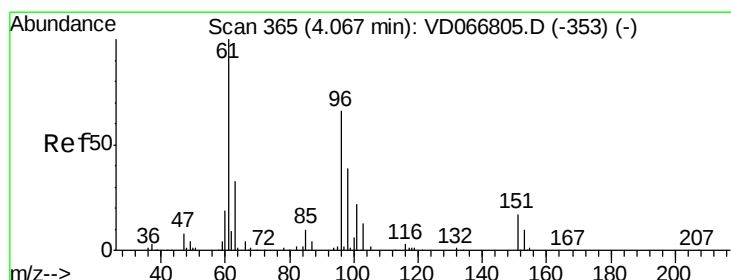
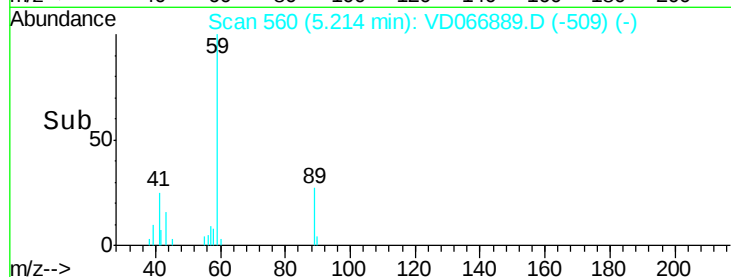
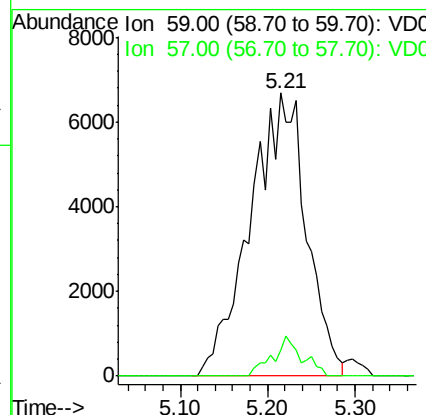
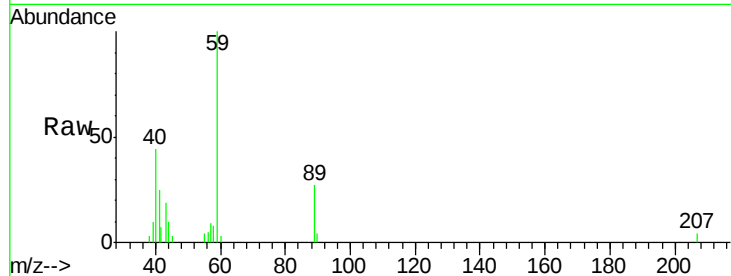
#11
Tert butyl alcohol
Concen: 110.987 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion: 59 Resp: 29505
Ion Ratio Lower Upper
59 100
57 7.5 8.3 12.5#

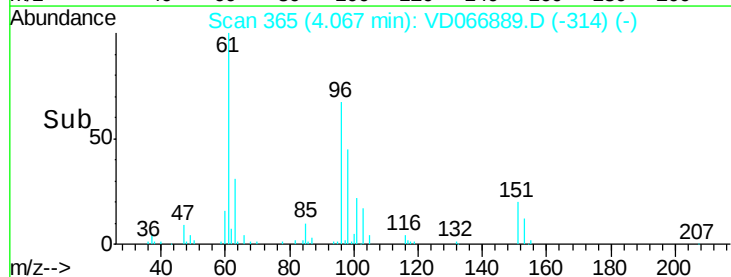
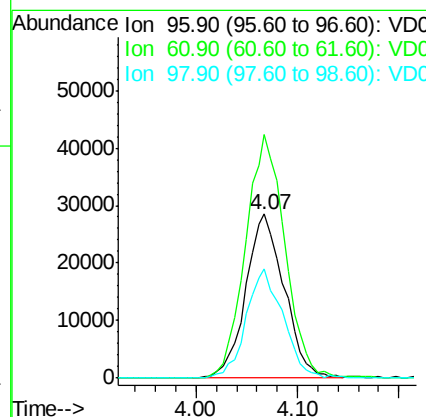
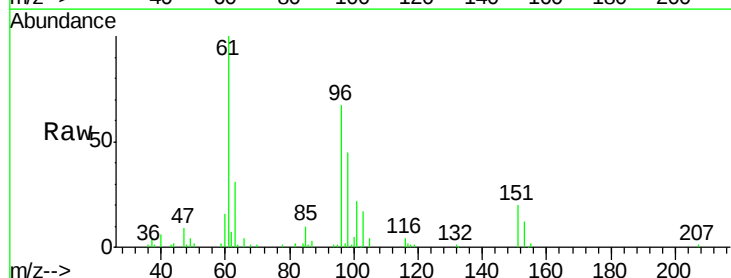
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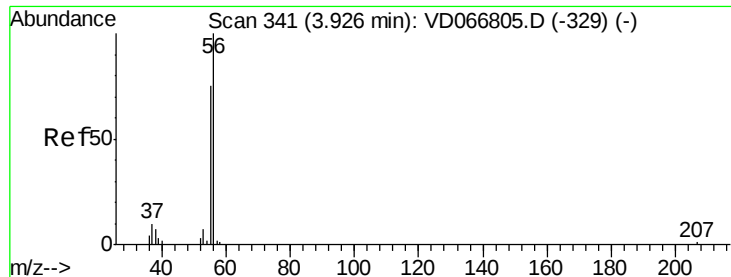
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.111 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 96 Resp: 74983
Ion Ratio Lower Upper
96 100
61 148.7 120.8 181.2
98 66.4 47.7 71.5





#13

Acrolein

Concen: 84.302 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

Tot Ion: 56 Resp: 22078

Ion Ratio Lower Upper

56 100

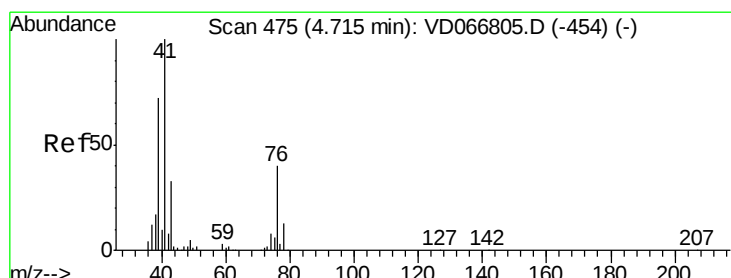
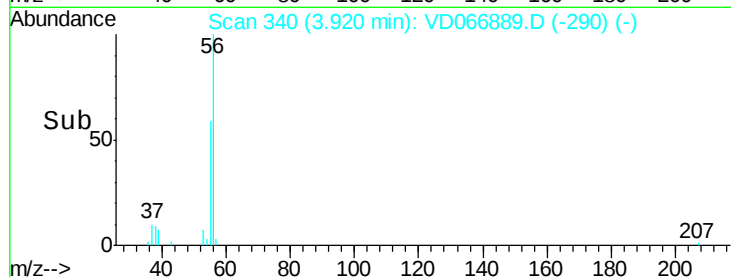
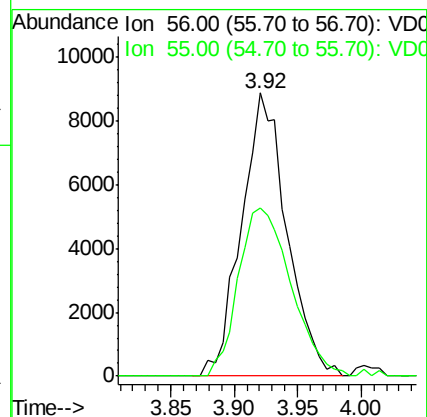
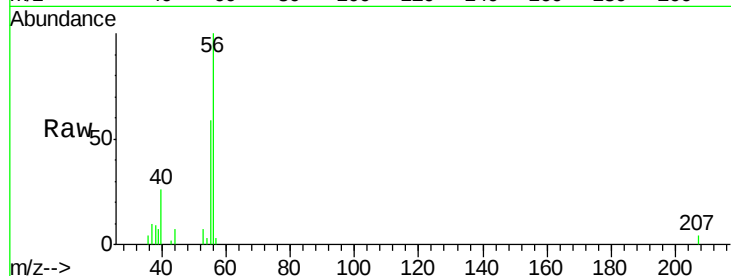
55 68.8 60.3 90.5

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#14

Allyl chloride

Concen: 20.225 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

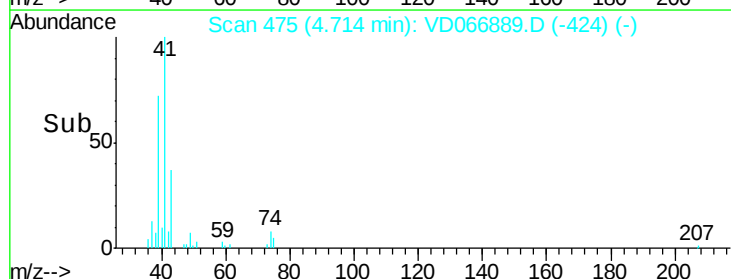
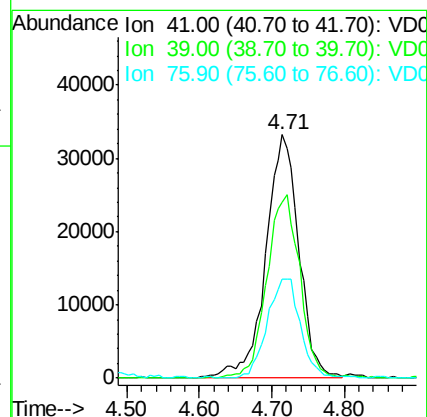
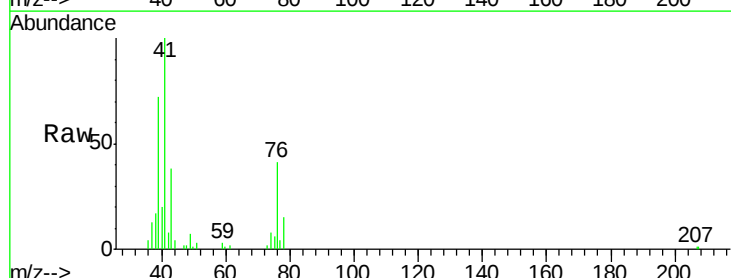
Tgt Ion: 41 Resp: 105483

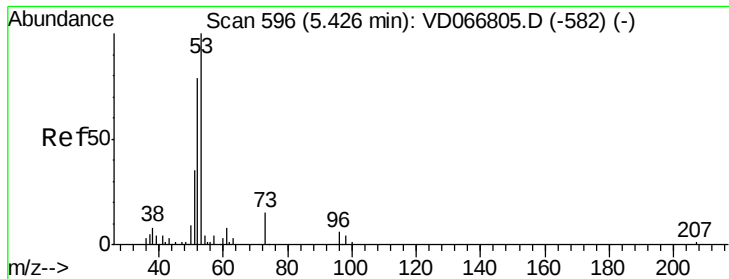
Ion Ratio Lower Upper

41 100

39 75.0 57.8 86.8

76 41.0 30.9 46.3





#15

Acrylonitrile

Concen: 107.530 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

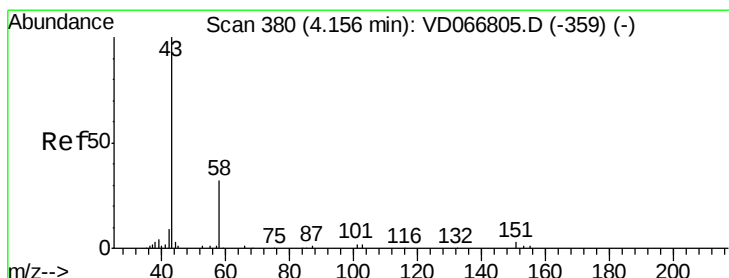
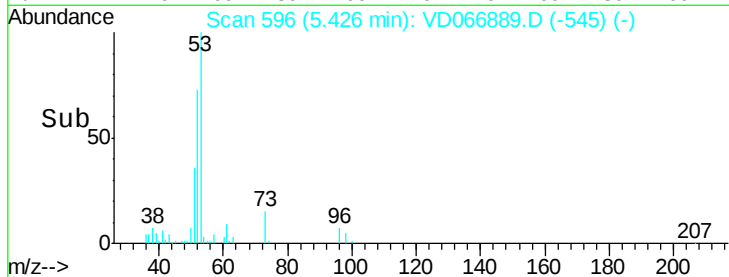
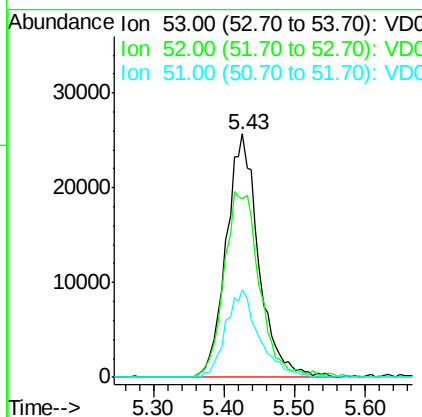
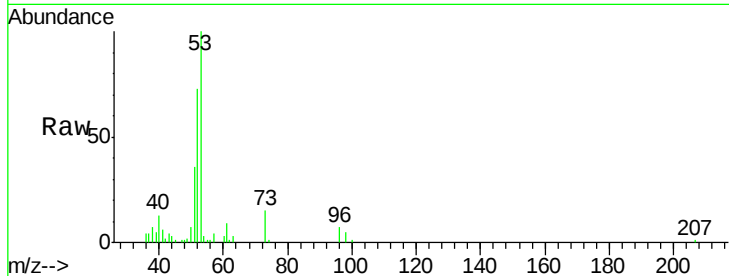
ClientSampleId :

VD0925SBS02

Tot Ion:	53	Resp:	81802
Ion Ratio	Lower	Upper	
53	100		
52	82.8	65.2	97.8
51	36.6	30.6	46.0

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#16

Acetone

Concen: 89.087 ug/l

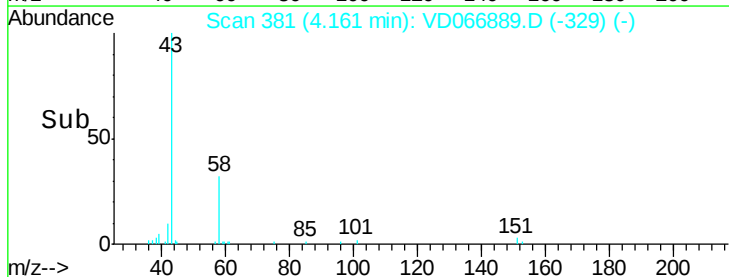
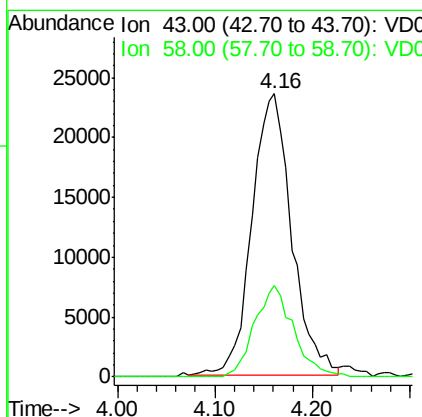
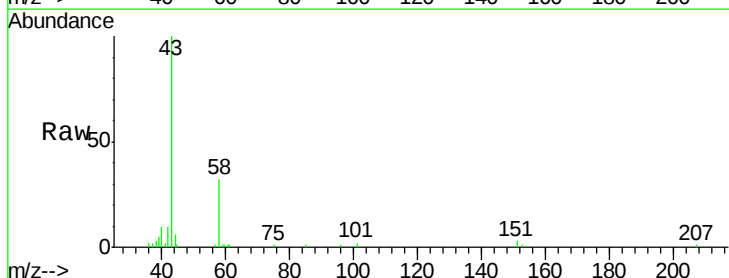
RT: 4.16 min Scan# 381

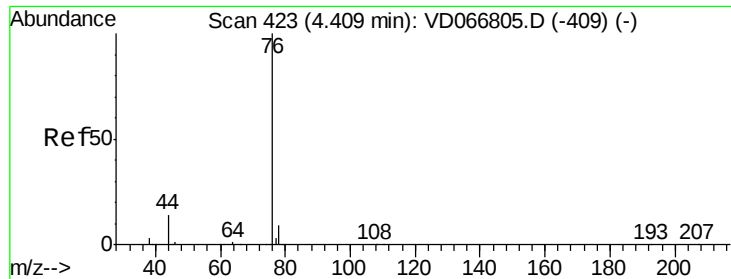
Delta R.T. 0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion:	43	Resp:	67092
Ion Ratio	Lower	Upper	
43	100		
58	32.5	25.6	38.4





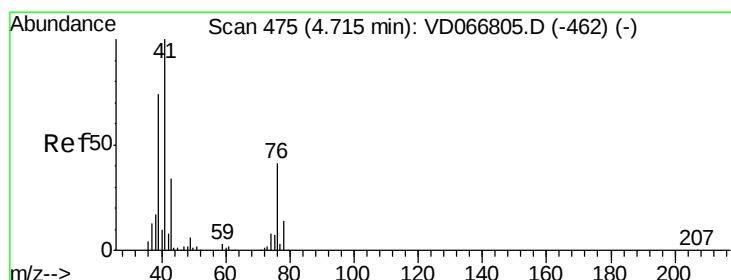
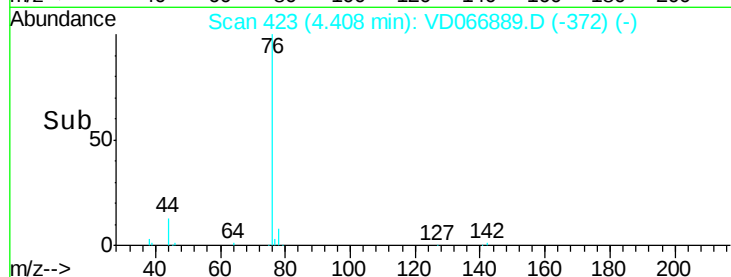
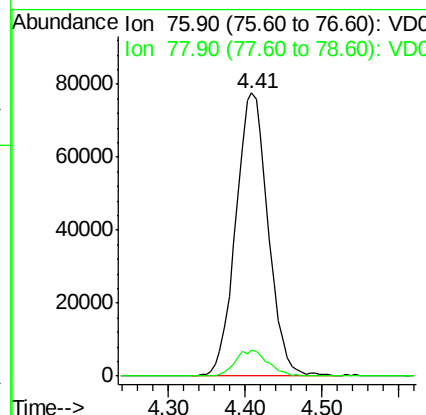
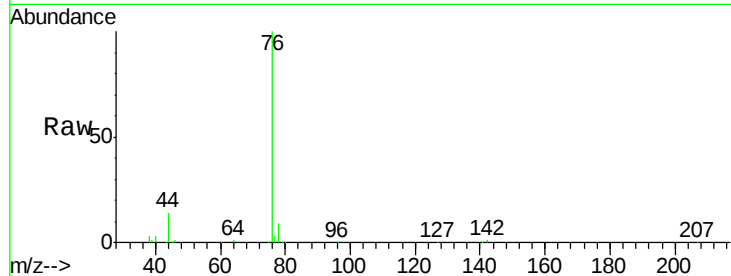
#17
Carbon Disulfide
Concen: 20.954 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
76	100	227539		
78	9.4		7.6	11.4

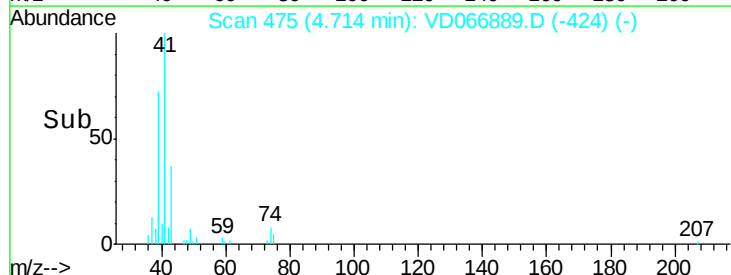
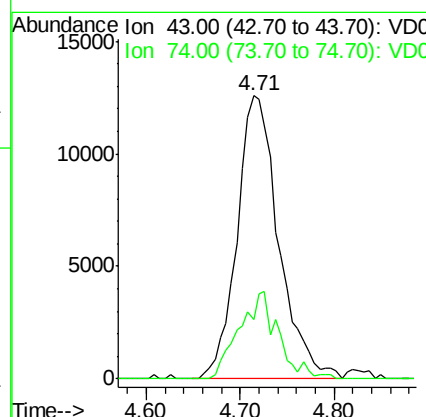
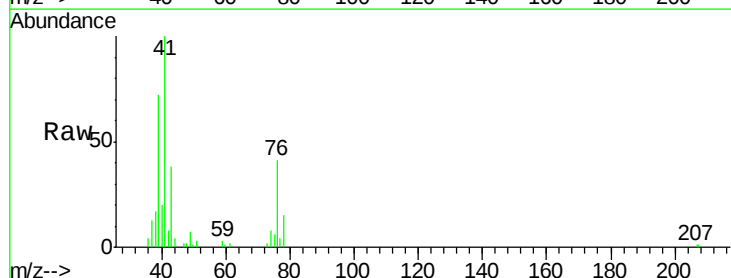
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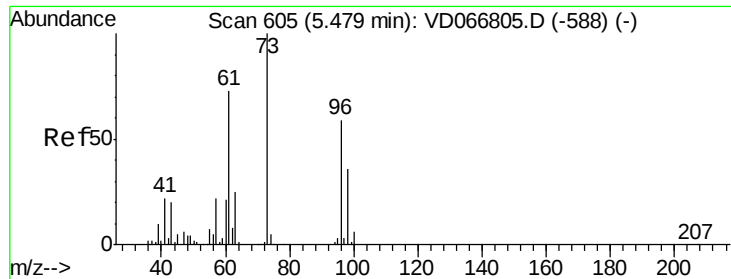
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#18
Methyl Acetate
Concen: 20.857 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	38601		
74	27.4		20.3	30.5





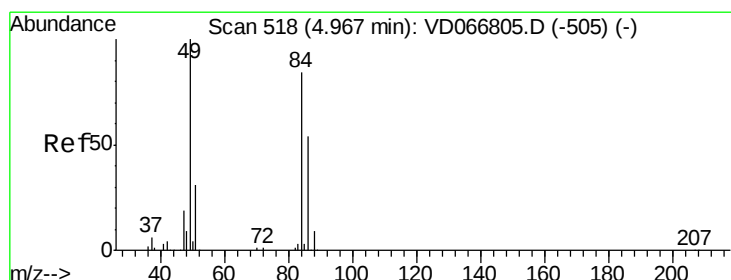
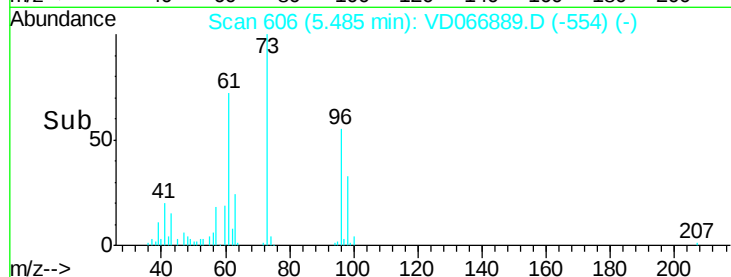
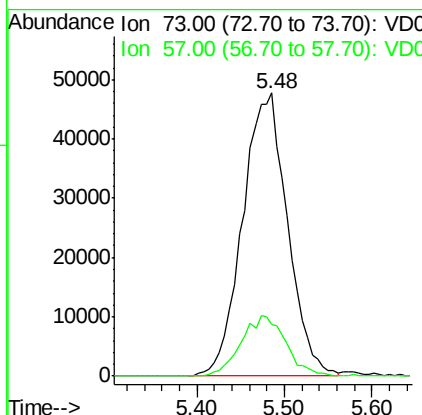
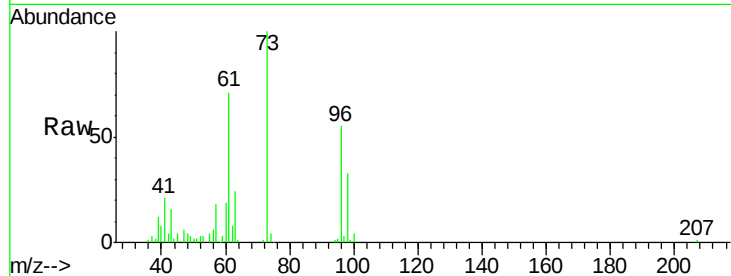
#19
Methvl tert-butvl Ether
Concen: 21.684 ug/l
RT: 5.48 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion: 73 Resp: 167253
Ion Ratio Lower Upper
73 100
57 18.3 17.4 26.2

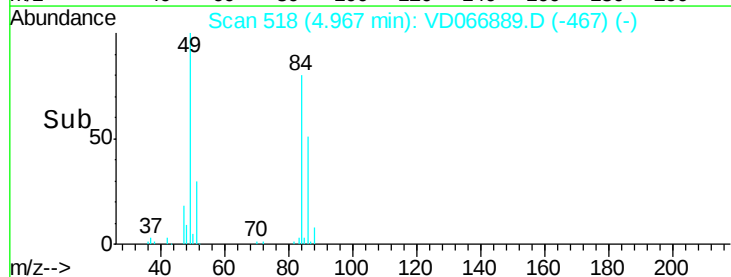
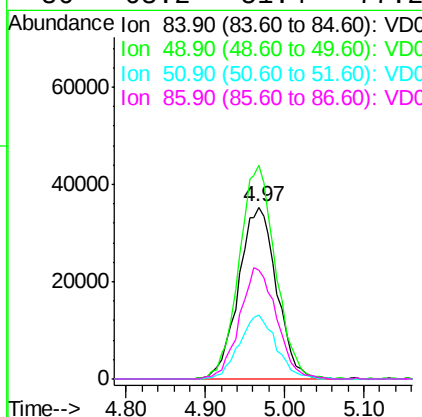
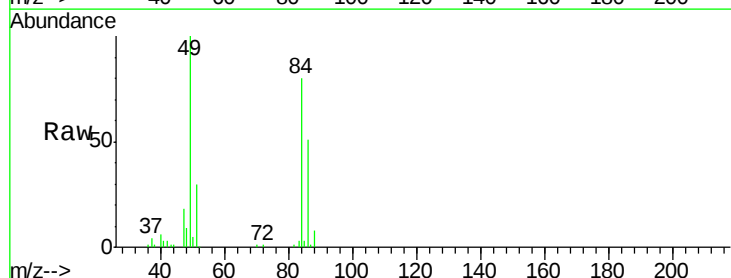
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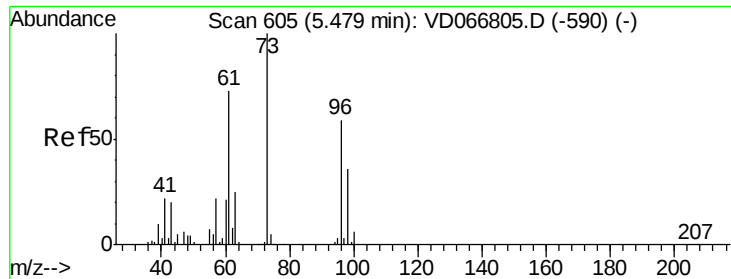
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#20
Methylene Chloride
Concen: 26.076 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 84 Resp: 117306
Ion Ratio Lower Upper
84 100
49 124.4 95.4 143.2
51 37.1 29.7 44.5
86 63.2 51.4 77.2





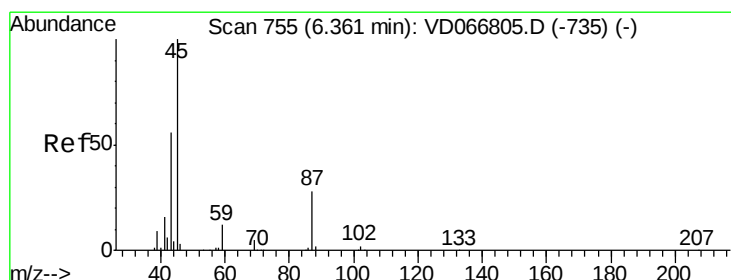
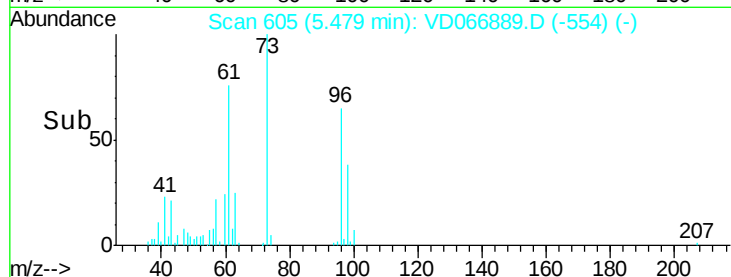
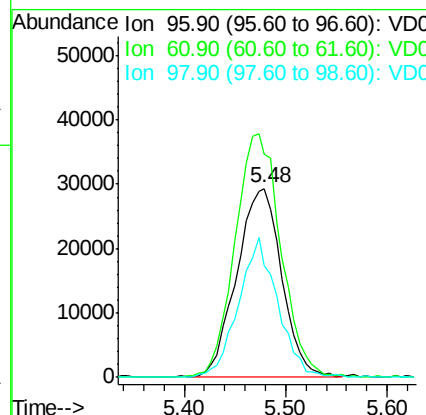
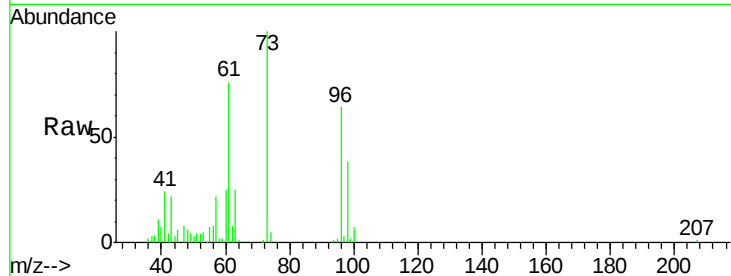
#21
trans-1,2-Dichloroethene
Concen: 22.025 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	90581		
61	116.6		98.9	148.3
98	59.0		48.4	72.6

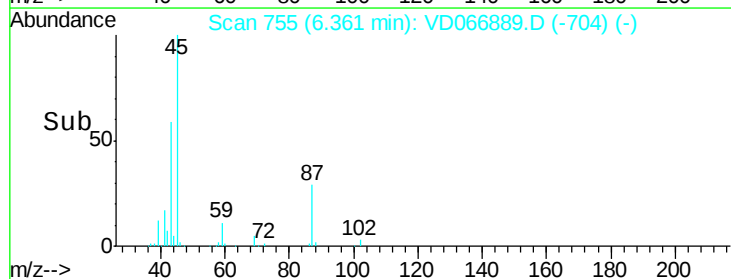
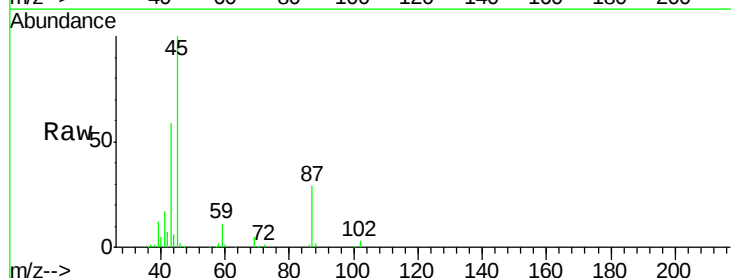
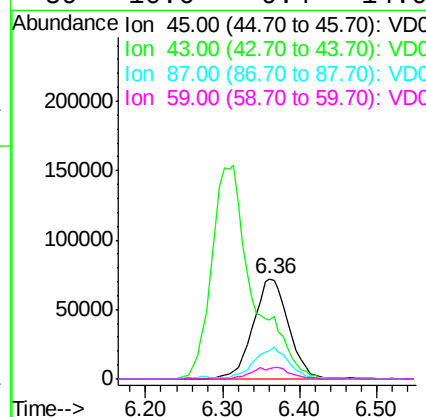
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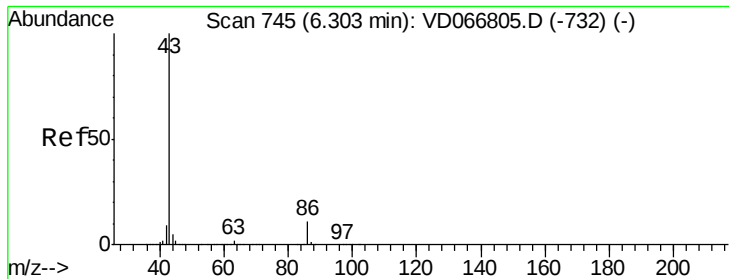
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#22
Diisopropyl ether
Concen: 21.738 ug/l
RT: 6.36 min Scan# 755
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	233106		
43	58.2		44.5	66.7
87	28.7		22.9	34.3
59	10.6		9.4	14.0





#23

Vinyl Acetate

Concen: 99.159 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

Tot Ion: 43 Resp: 567835

Ion Ratio Lower Upper

43 100

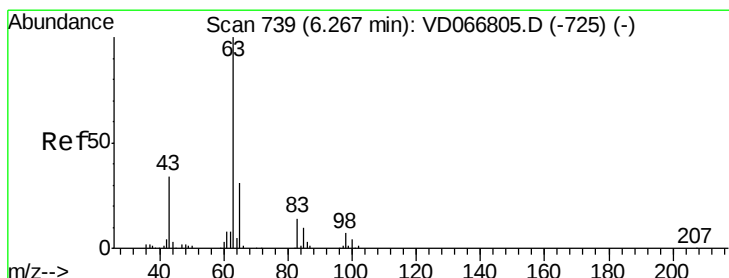
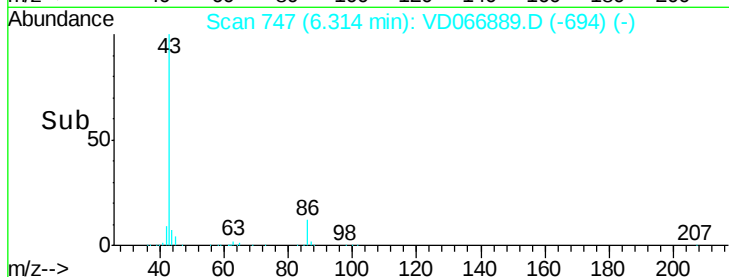
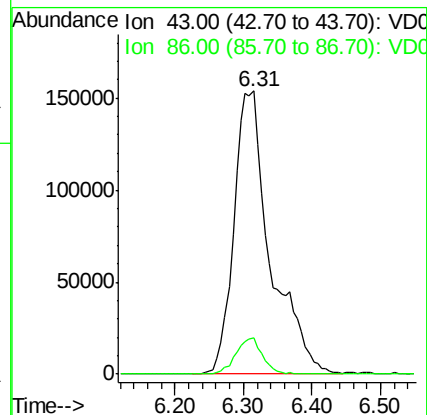
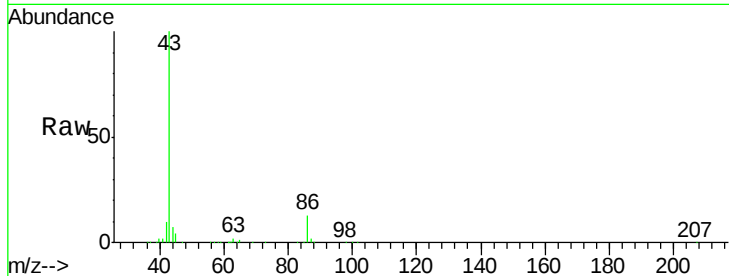
86 12.6 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 21.315 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

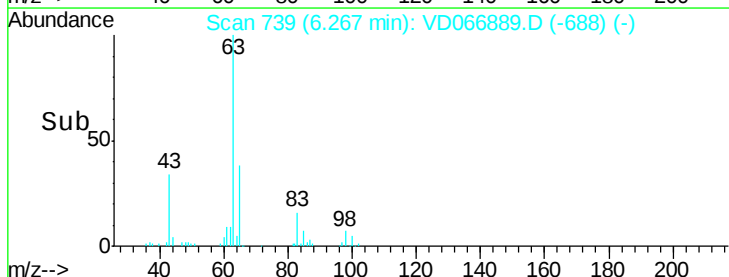
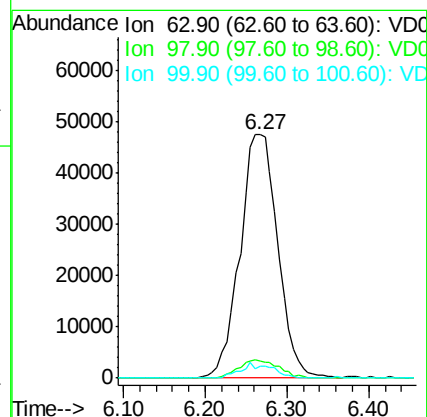
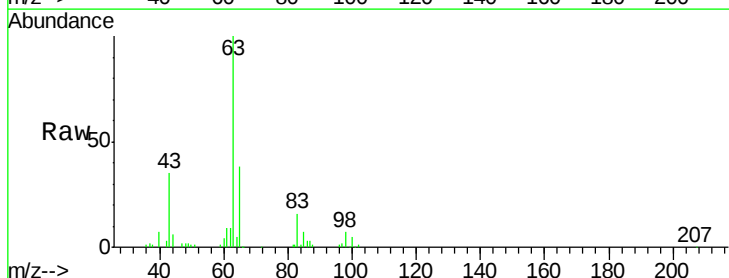
Tgt Ion: 63 Resp: 152917

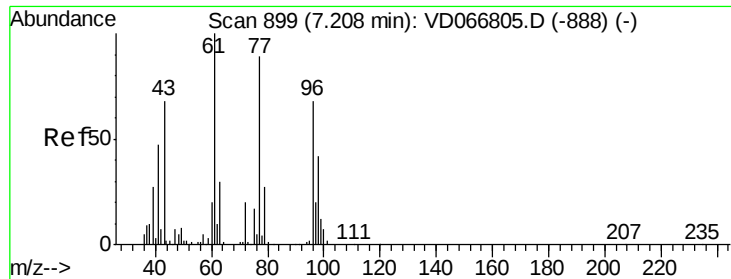
Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 4.9 1.8 5.5





#25

2-Butanone

Concen: 107.944 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

Tot Ion: 43 Resp: 97693

Ion Ratio Lower Upper

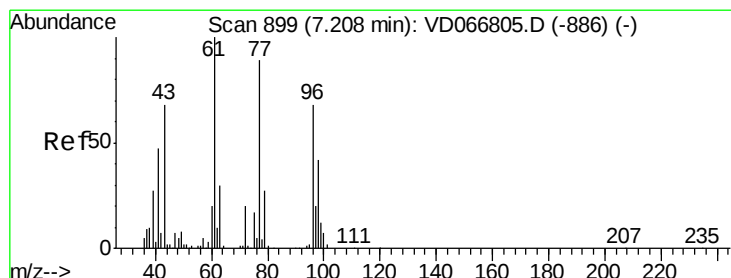
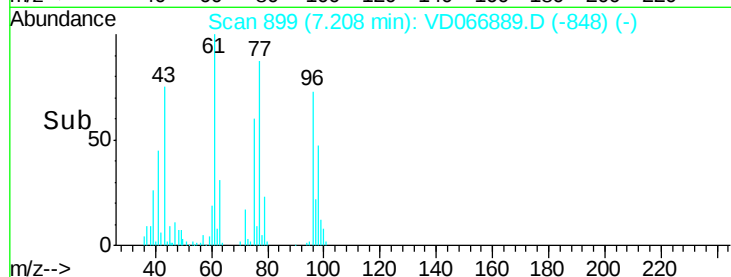
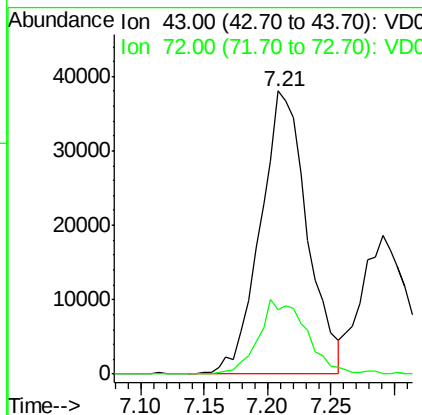
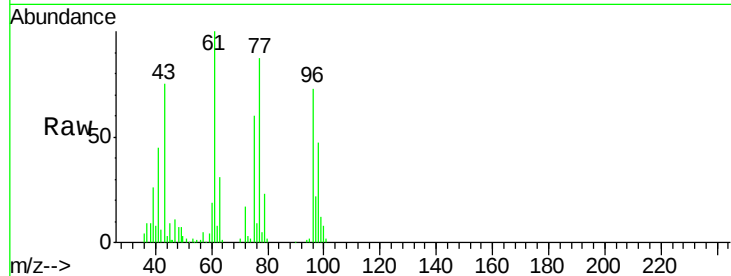
43 100

72 22.8 22.9 34.3#

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#26

2,2-Dichloropropane

Concen: 19.108 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066889.D

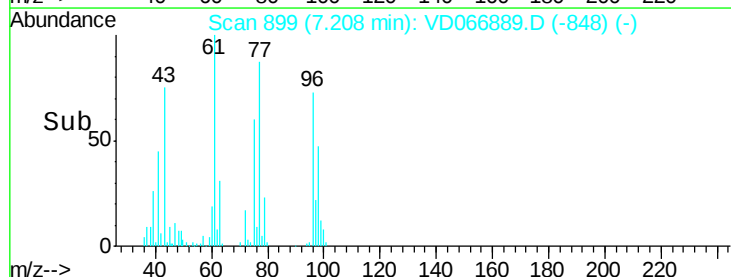
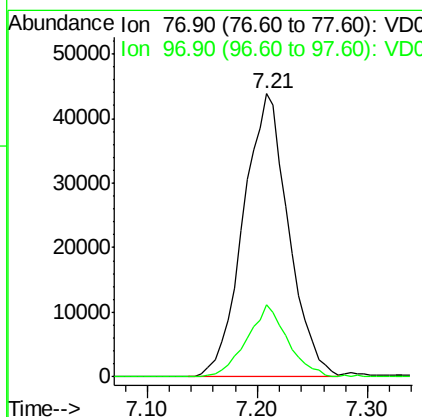
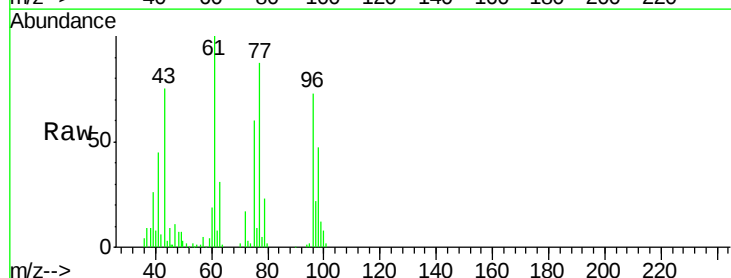
Acq: 25 Sep 2020 23:54

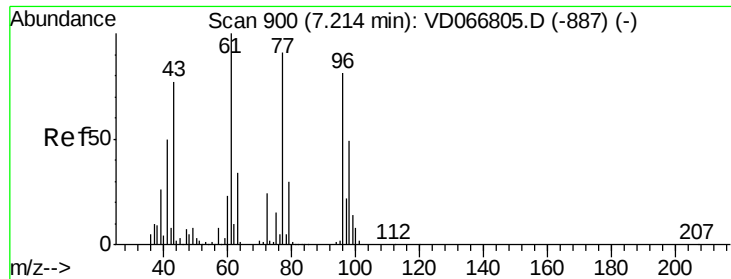
Tgt Ion: 77 Resp: 125640

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.1





#27

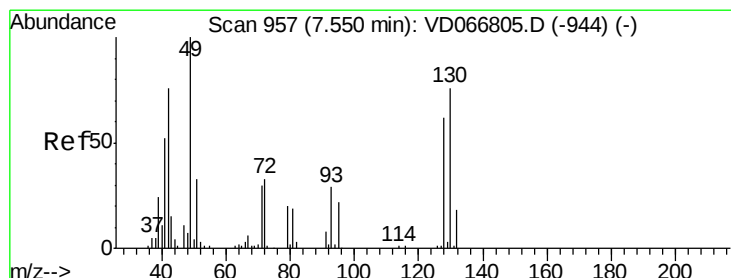
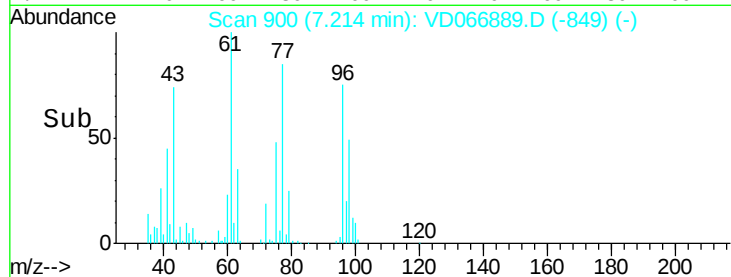
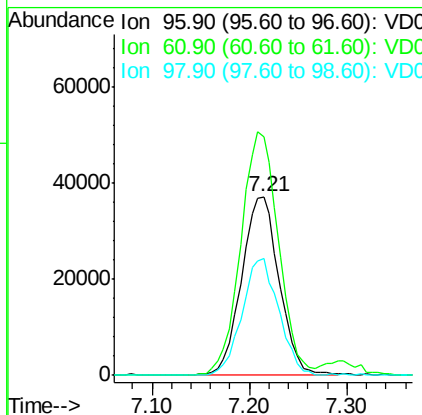
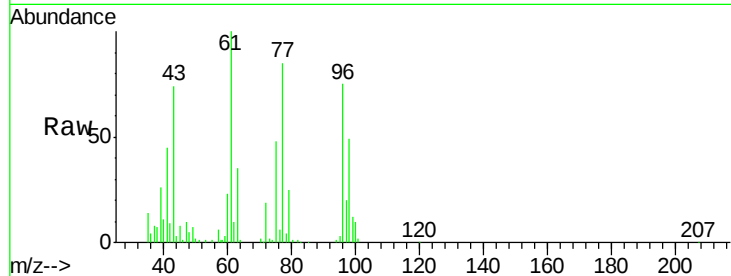
cis-1,2-Dichloroethene
Concen: 22.447 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	100305		
61	136.7		0.0	283.8
98	63.7		0.0	128.4

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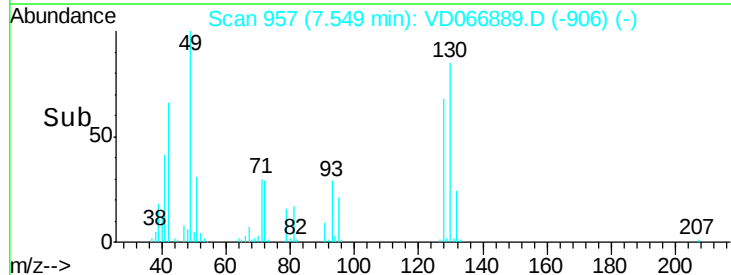
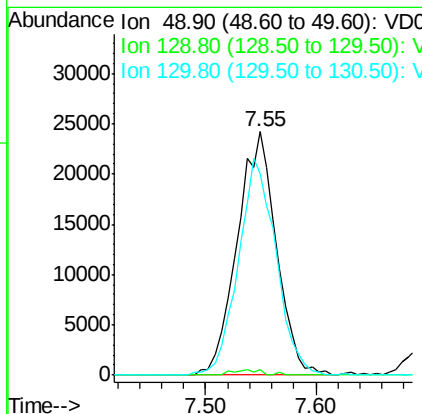
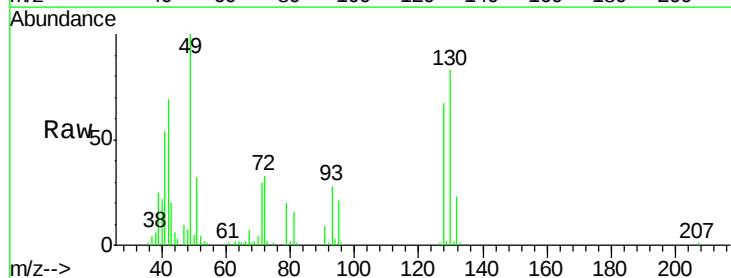
MMDadoda
9/29/2020 11:45:29 AM

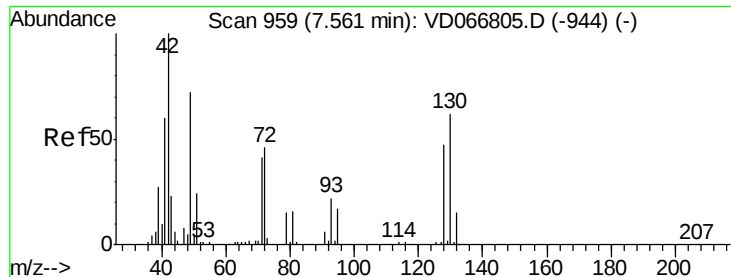


#28

Bromochloromethane
Concen: 20.302 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	60170		
129	1.6		0.0	2.0
130	85.8		65.9	98.9





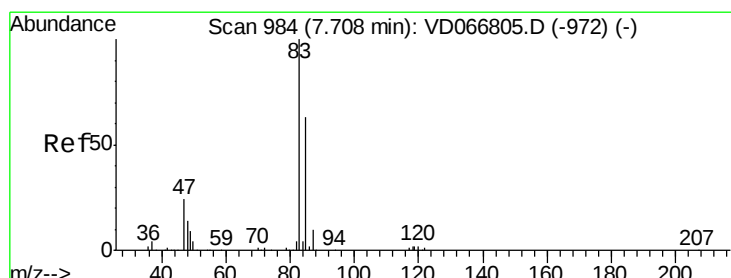
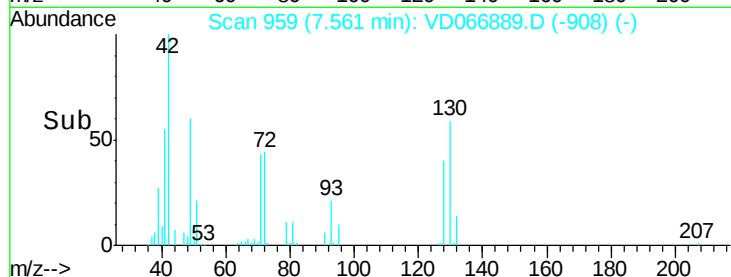
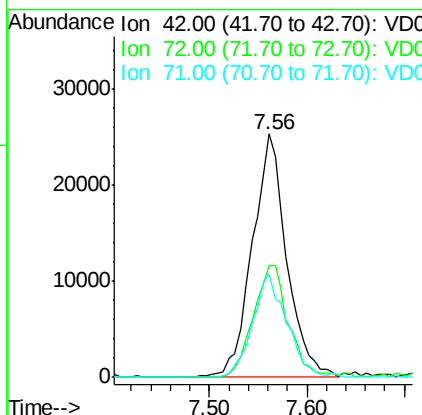
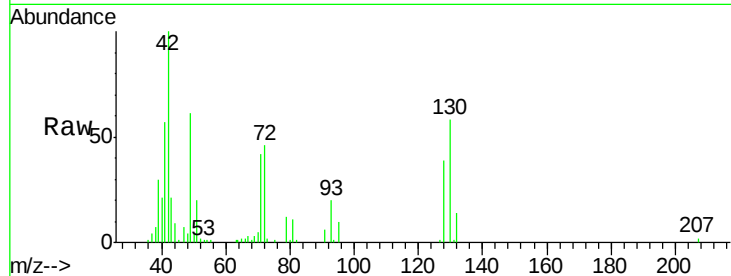
#29
Tetrahydrofuran
Concen: 107.701 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	36.2	54.4
71	42.1	32.4	48.6

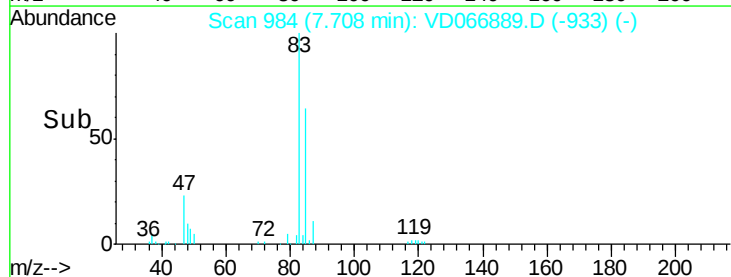
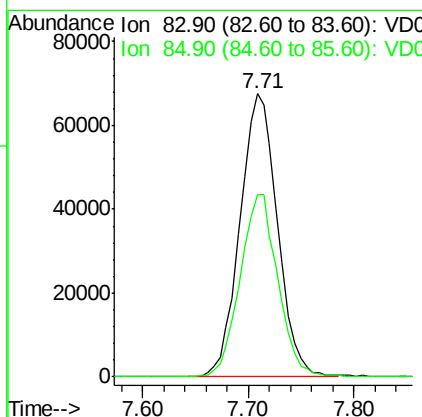
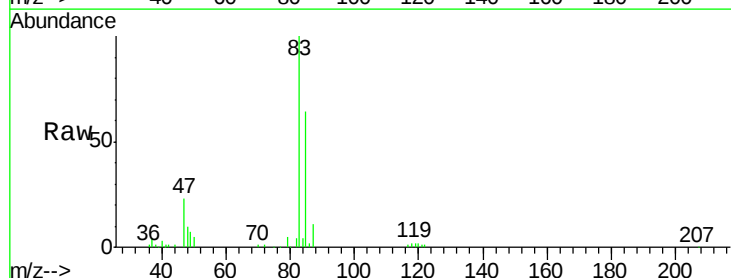
Manual Integrations
APPROVED

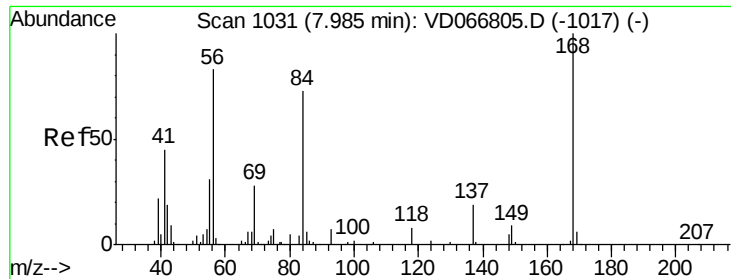
MMDadoda
9/29/2020 11:45:29 AM



#30
Chloroform
Concen: 21.445 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.6	75.8





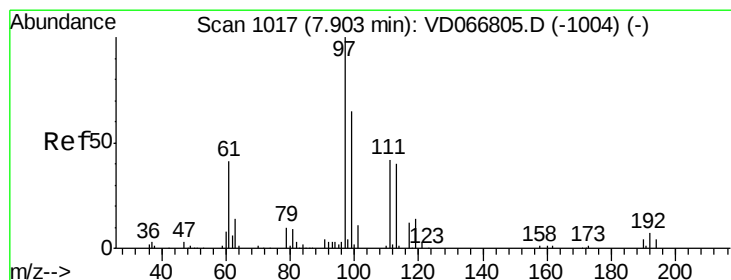
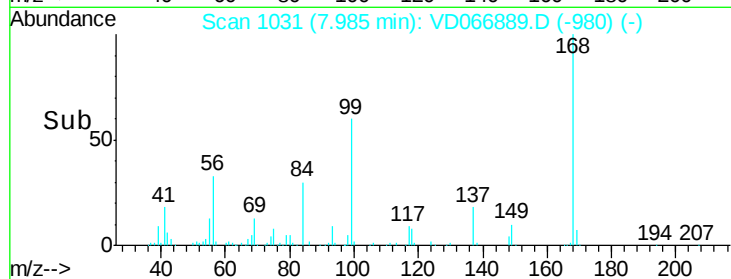
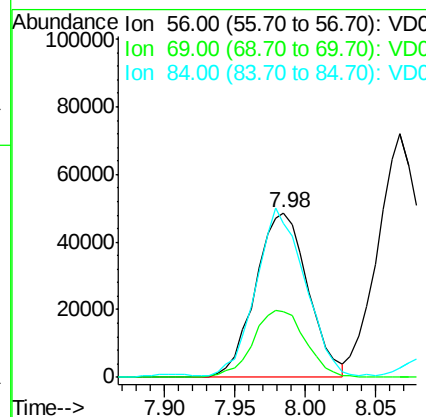
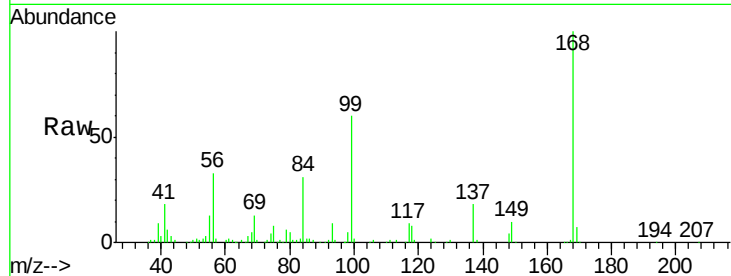
#31
Cyclohexane
Concen: 19.584 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleID :
VD0925SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		126419		
69	39.4	27.0	40.4		
84	92.3	70.2	105.4		

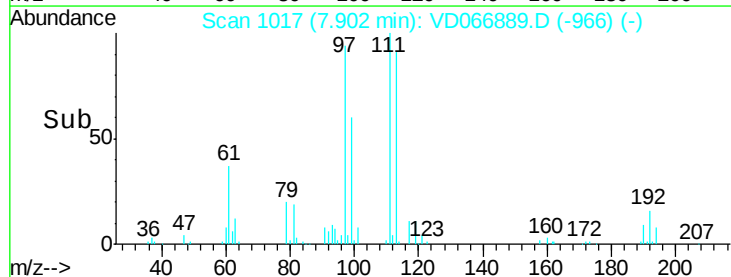
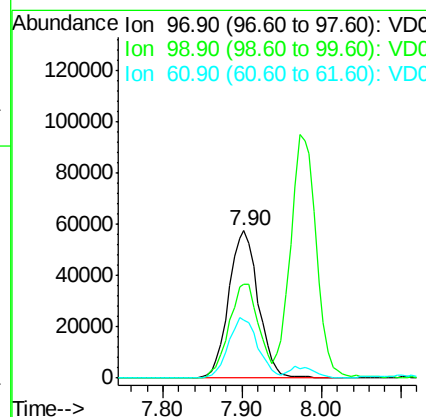
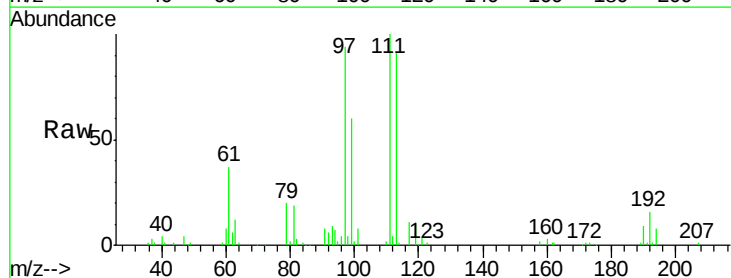
Manual Integrations
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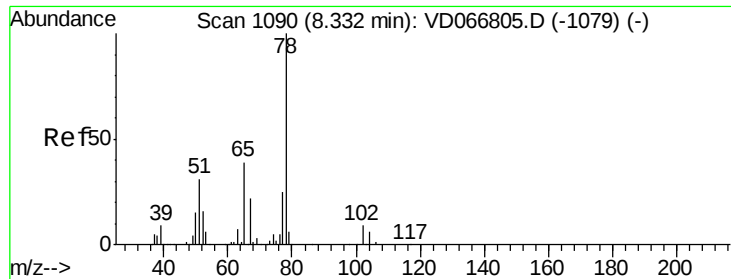
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#32
1,1,1-Trichloroethane
Concen: 21.145 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		147916		
99	64.5	51.5	77.3		
61	41.0	34.2	51.4		





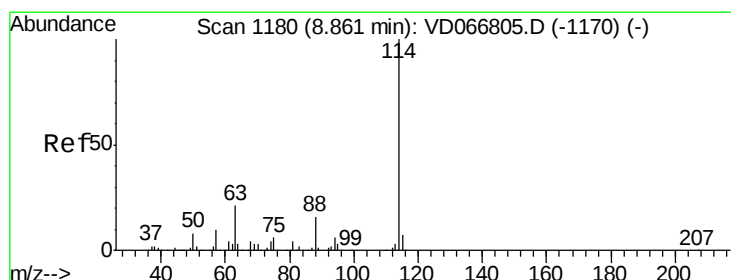
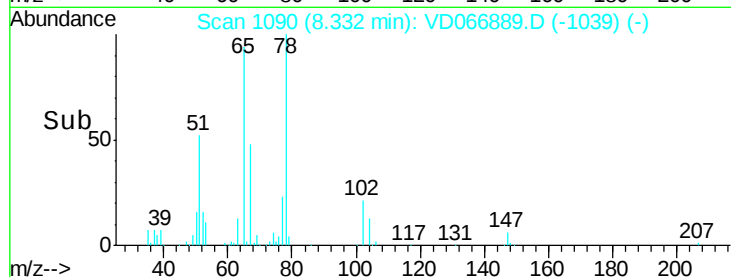
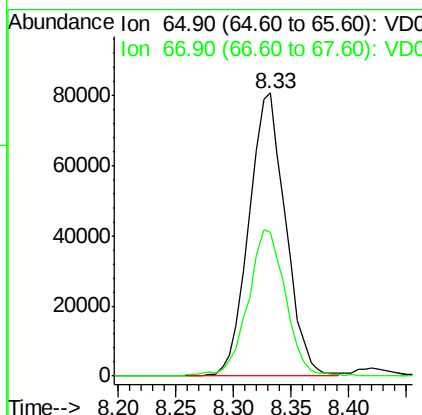
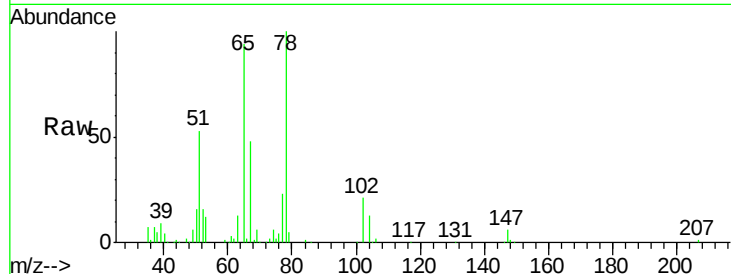
#33
 1,2-Dichloroethane-d4
 Concen: 50.368 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	178814		
67	53.1	0.0	107.2	

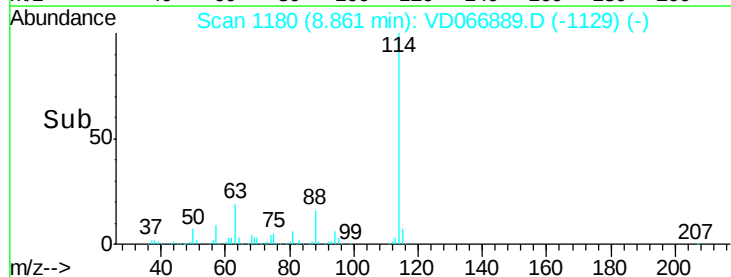
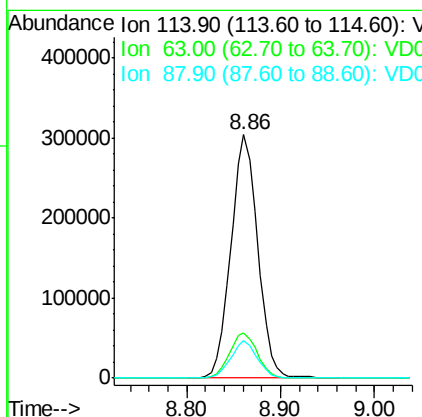
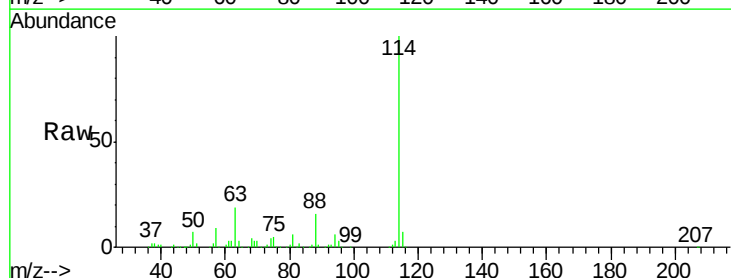
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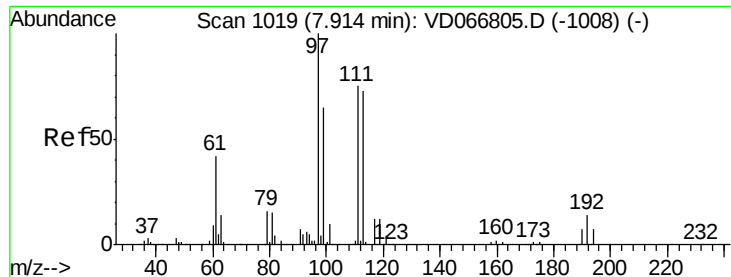
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	603971		
63	18.8	0.0	42.6	
88	15.6	0.0	32.6	





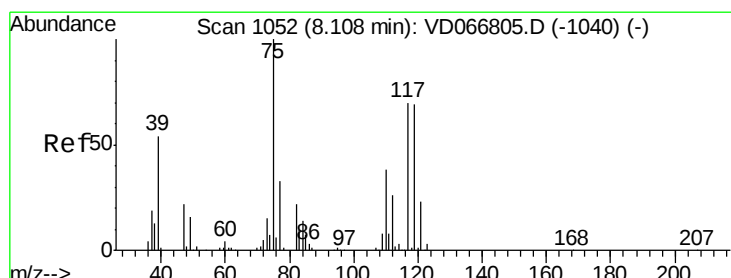
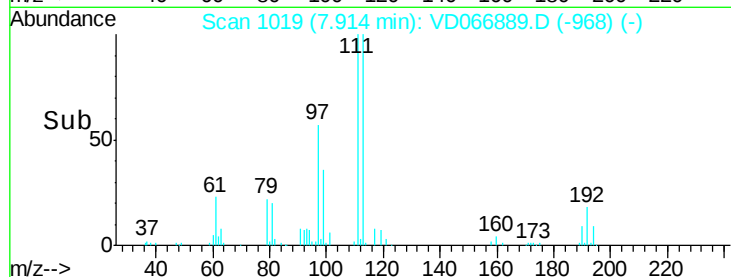
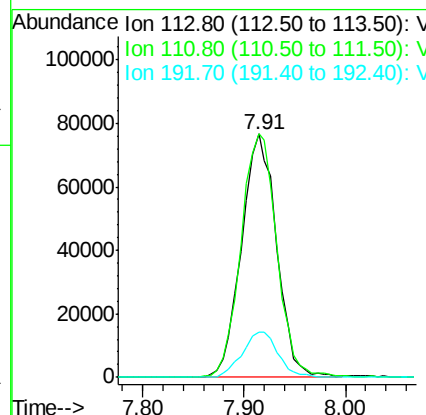
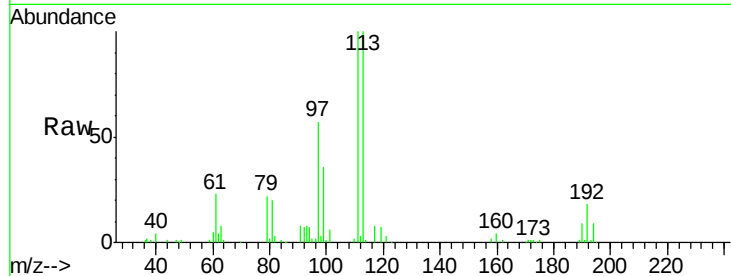
#35
 Dibromofluoromethane
 Concen: 47.925 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	184150		
111	102.4	81.8	122.8	
192	19.0	14.4	21.6	

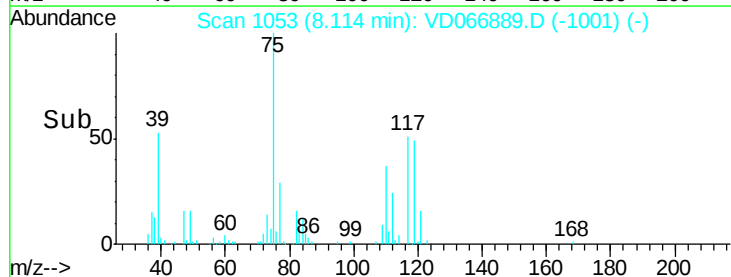
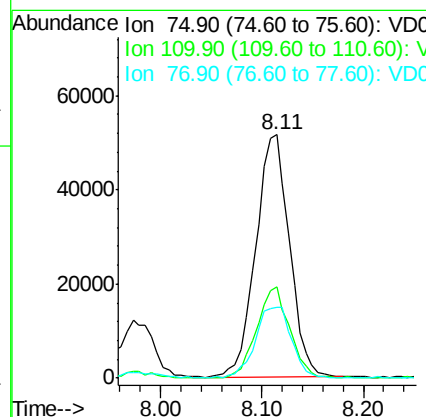
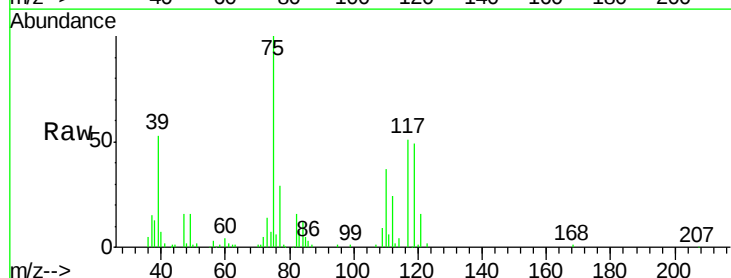
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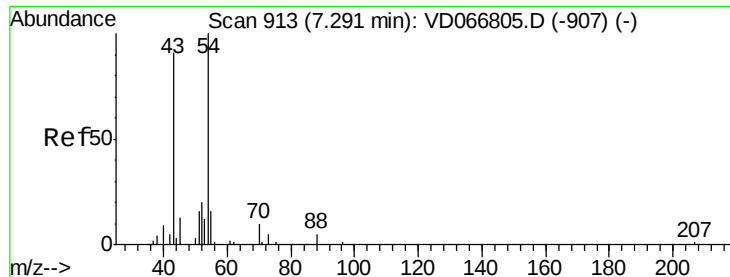
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 19.862 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	119011		
110	36.8	17.9	53.8	
77	31.6	25.0	37.6	





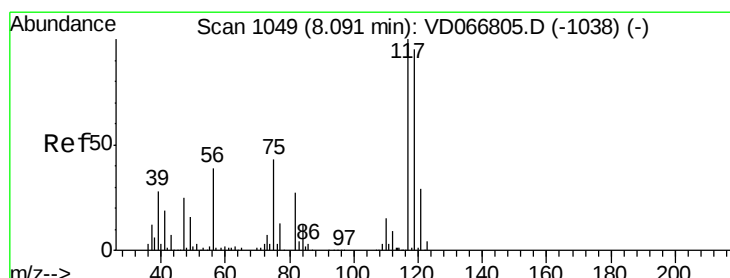
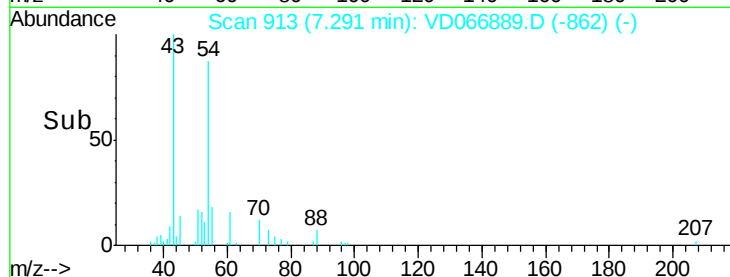
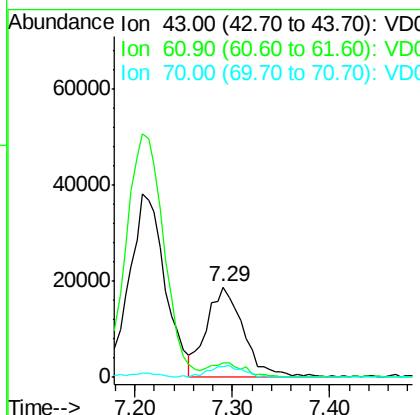
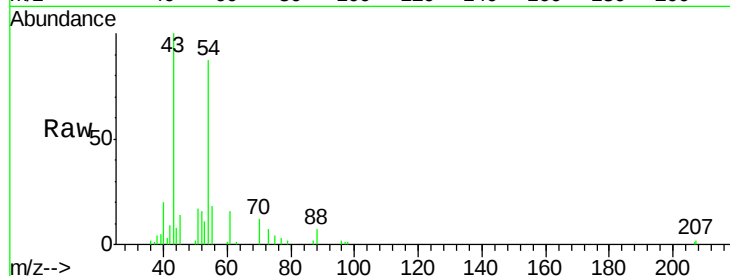
#37
Ethyl Acetate
Concen: 22.884 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	9.8	14.8#
70	12.4	8.5	12.7

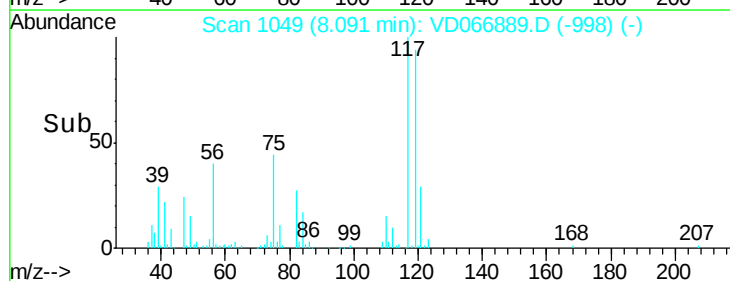
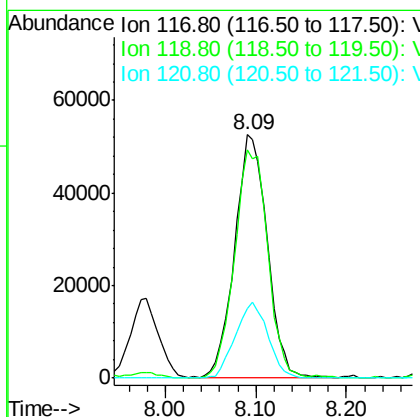
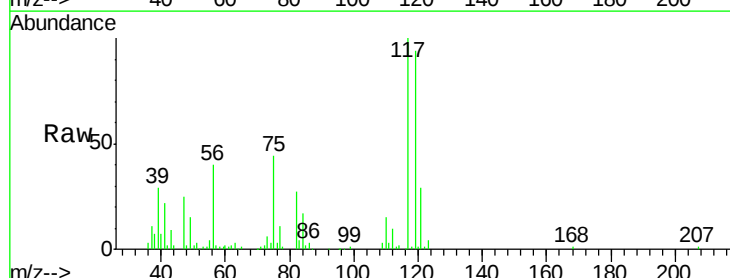
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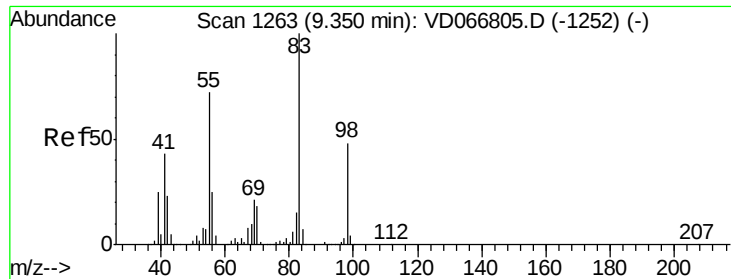
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#38
Carbon Tetrachloride
Concen: 20.010 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.8
121	28.8	23.4	35.0





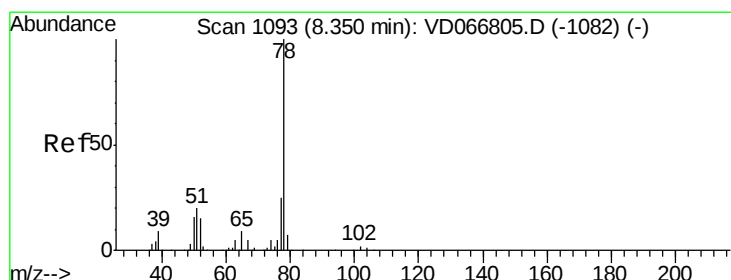
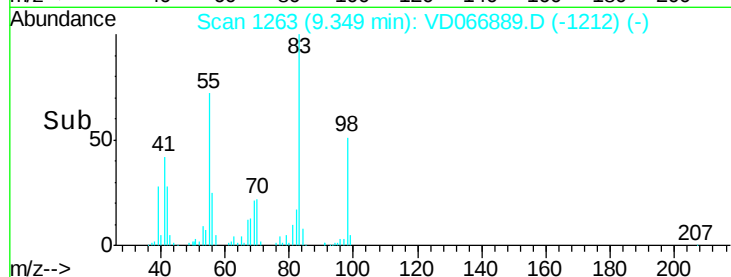
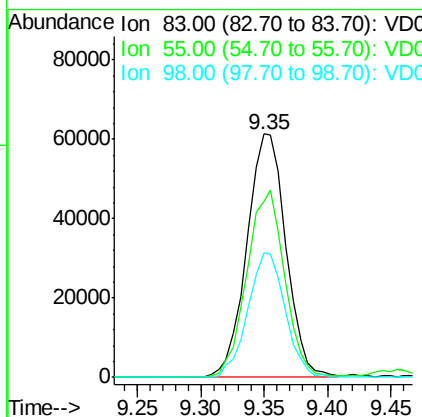
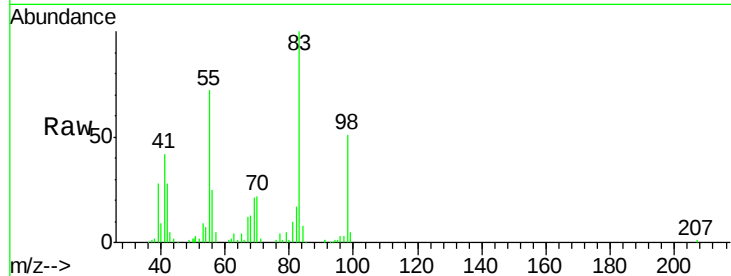
#39
Methvlcvclohexane
Concen: 19.160 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	131815		
55	72.1		57.7	86.5
98	51.2		38.4	57.6

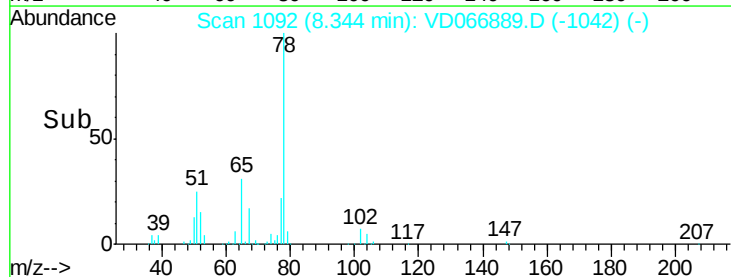
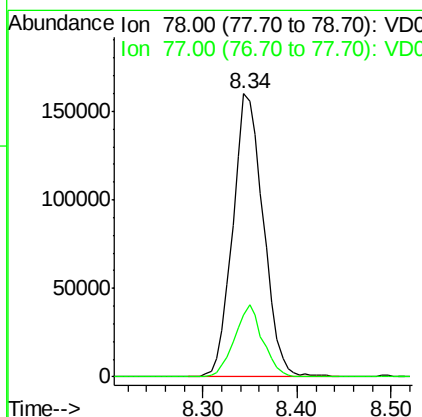
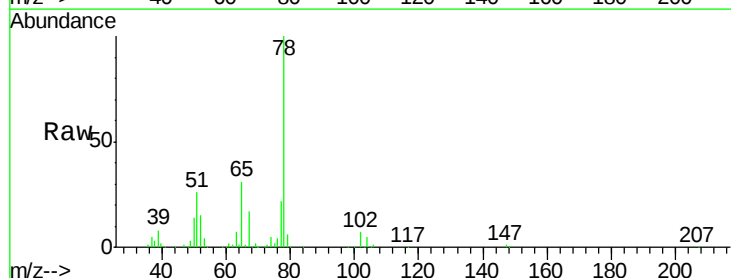
Manual Integrations
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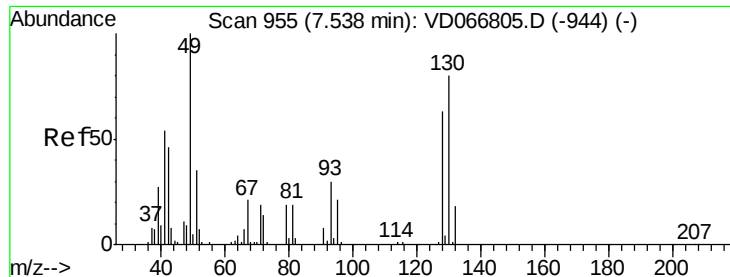
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#40
Benzene
Concen: 21.556 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	359972		
77	22.1		19.9	29.9





#41

Methacrylonitrile

Concen: 16.601 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

Tot Ion: 41 Resp: 22114

Ion Ratio Lower Upper

41 100

39 67.6 0.0 0.0#

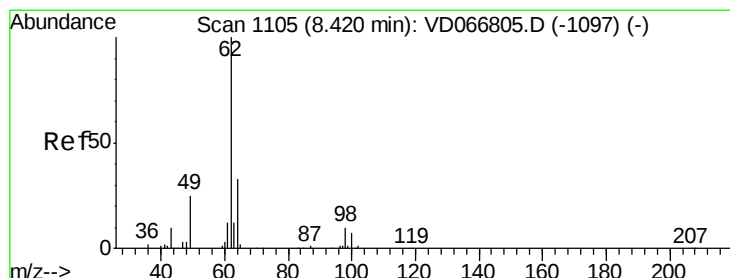
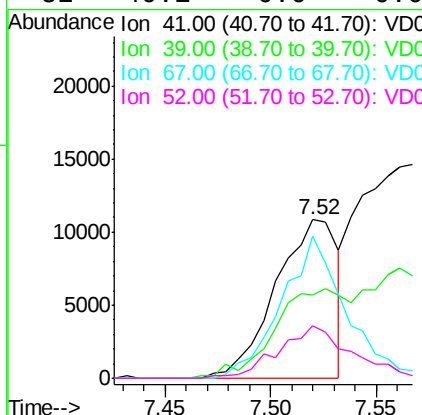
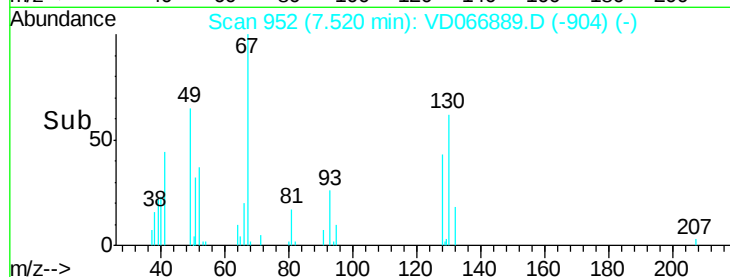
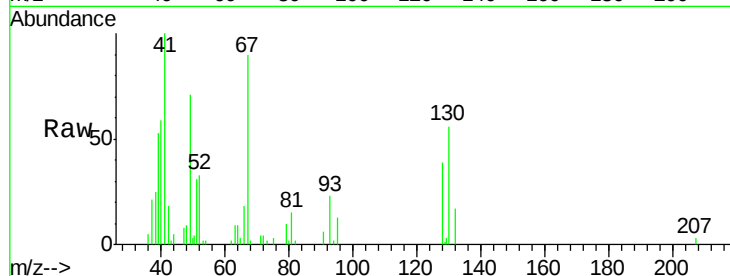
67 94.0 0.0 0.0#

52 40.1 0.0 0.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.777 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VD066889.D

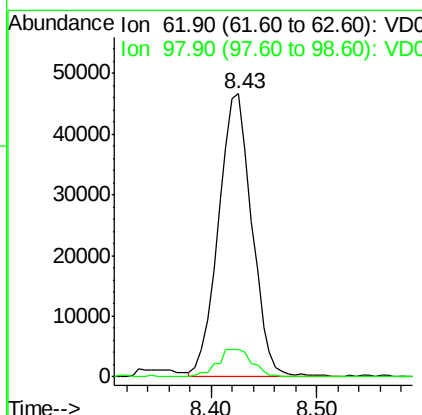
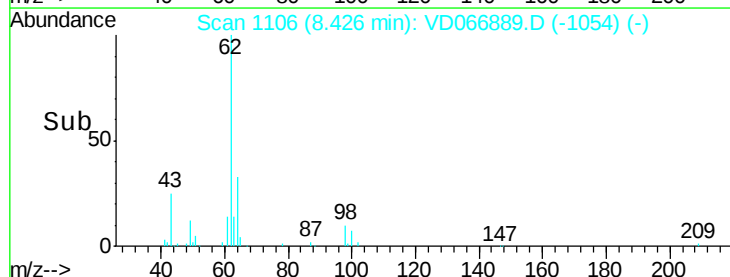
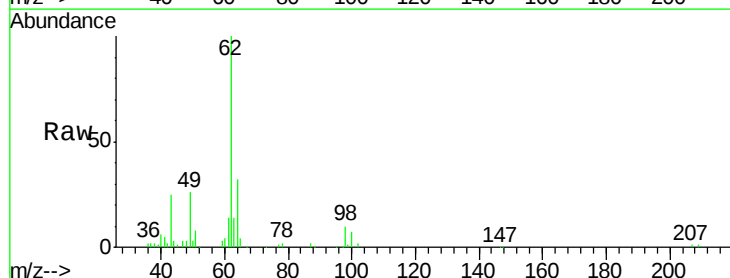
Acq: 25 Sep 2020 23:54

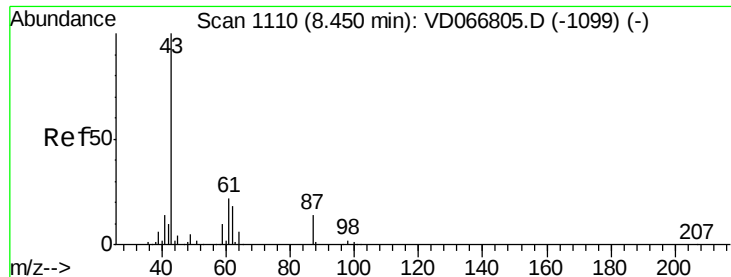
Tgt Ion: 62 Resp: 102570

Ion Ratio Lower Upper

62 100

98 10.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 21.295 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

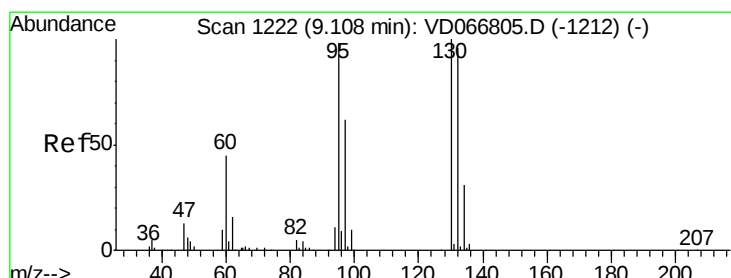
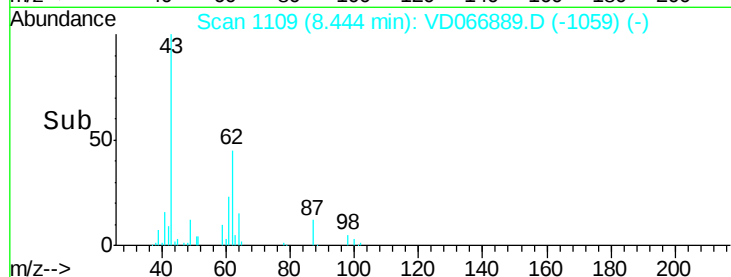
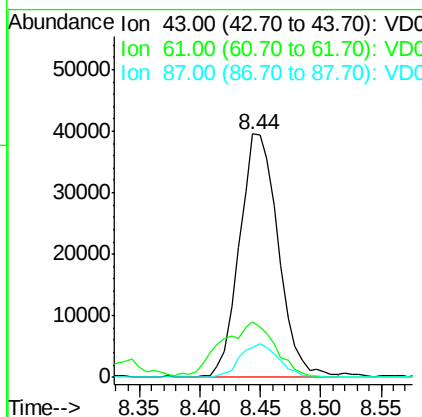
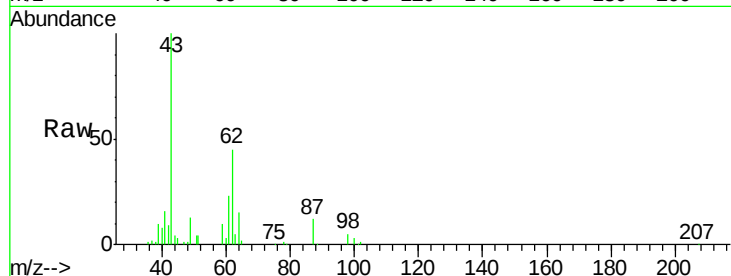
ClientSampleId :

VD0925SBS02

Tot Ion:	43	Resp:	88933
Ion	Ratio	Lower	Upper
43	100		
61	31.2	26.2	39.4
87	13.8	11.5	17.3

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#44

Trichloroethene

Concen: 20.999 ug/l

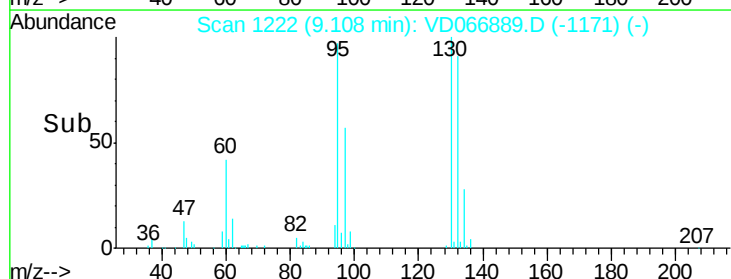
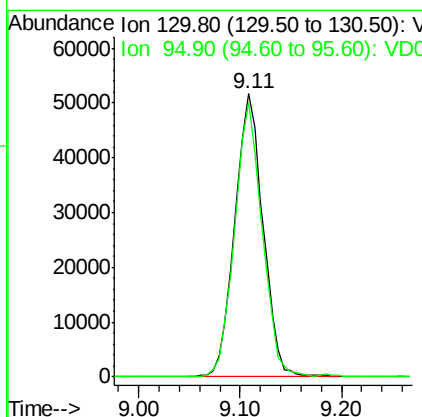
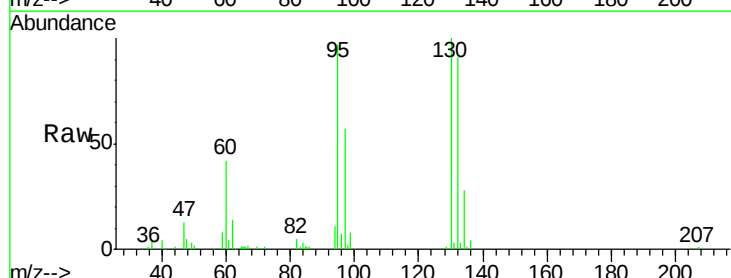
RT: 9.11 min Scan# 1222

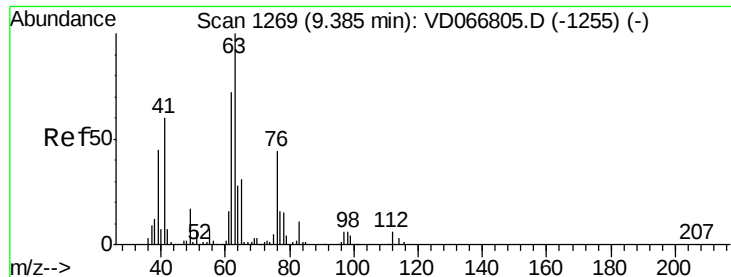
Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion:	130	Resp:	99950
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	197.0





#45

1,2-Dichloropropane

Concen: 21.346 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

Tot Ion: 63 Resp: 89687

Ion Ratio Lower Upper

63 100

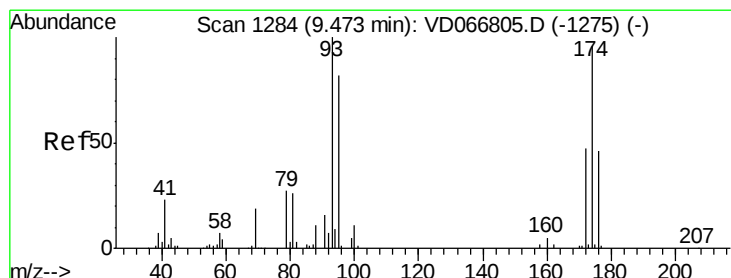
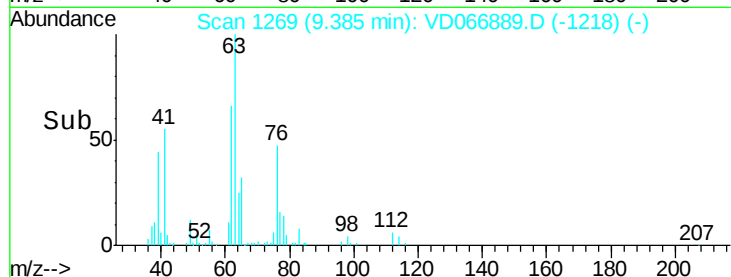
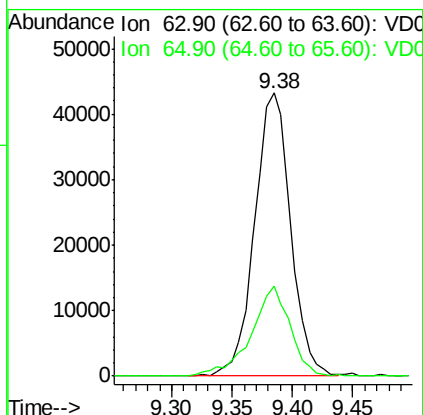
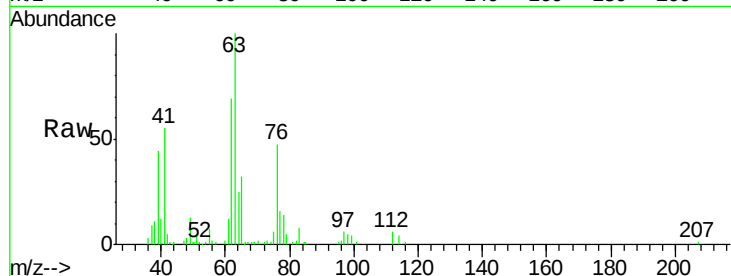
65 31.5 24.7 37.1

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#46

Dibromomethane

Concen: 21.869 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

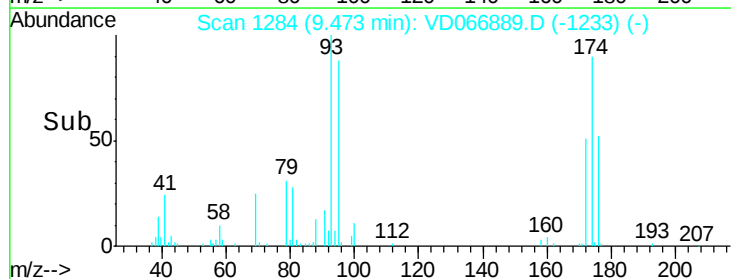
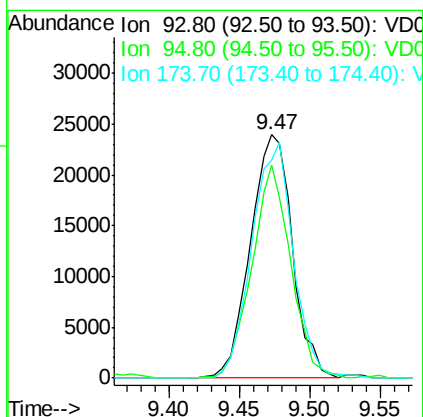
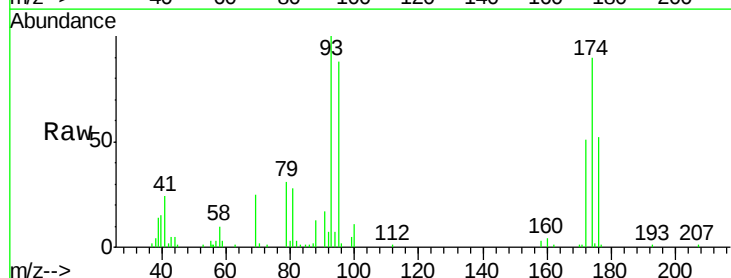
Tgt Ion: 93 Resp: 49923

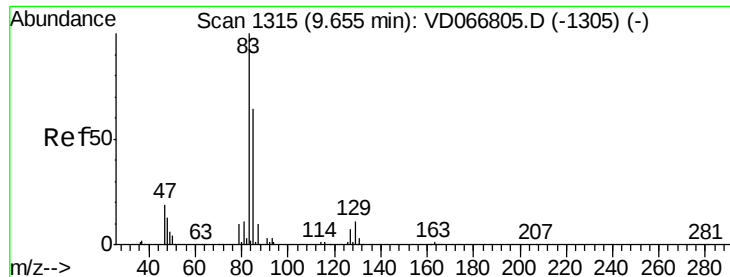
Ion Ratio Lower Upper

93 100

95 81.4 65.3 97.9

174 95.7 75.4 113.2





#47

Bromodichloromethane

Concen: 20.822 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

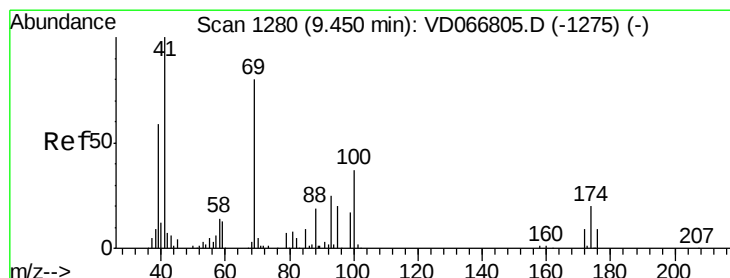
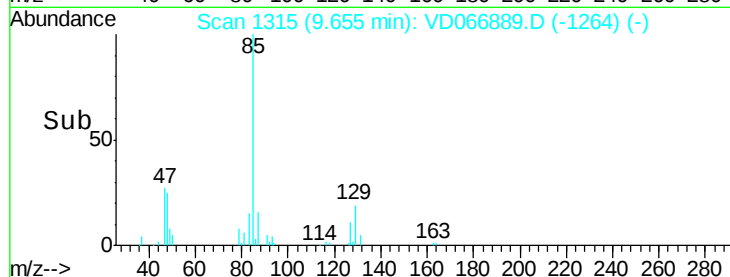
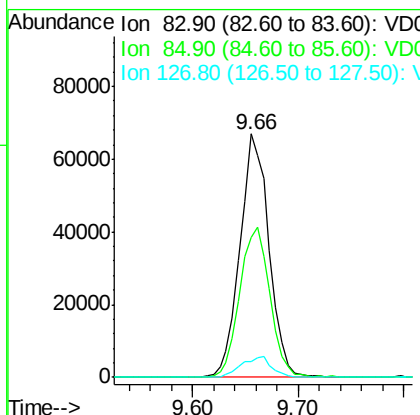
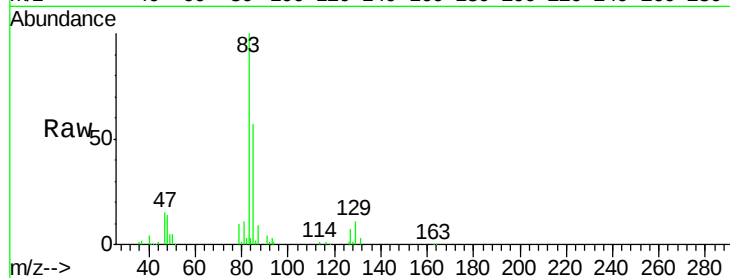
ClientSampleId :

VD0925SBS02

Tot Ion:	83	Resp:	127685
Ion	Ratio	Lower	Upper
83	100		
85	57.3	50.9	76.3
127	6.5	5.9	8.9

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#48

Methyl methacrylate

Concen: 22.422 ug/l

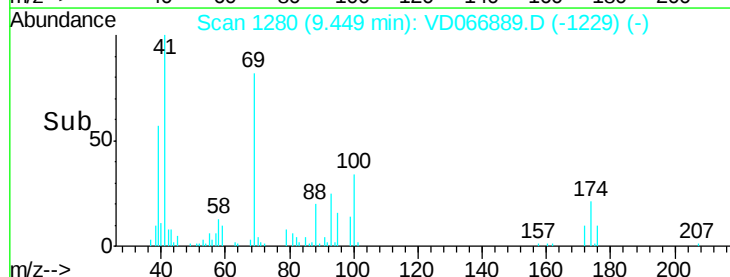
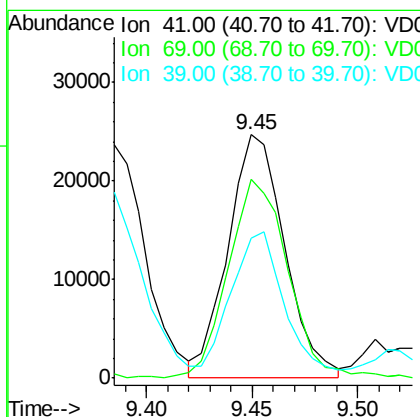
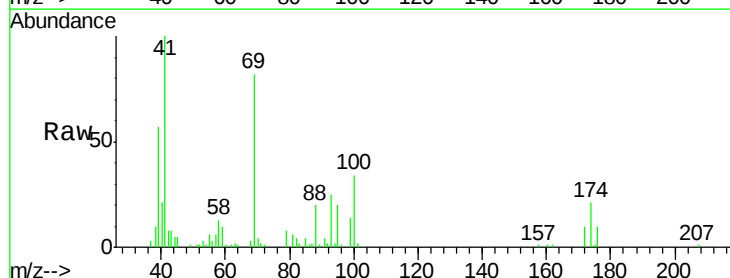
RT: 9.45 min Scan# 1280

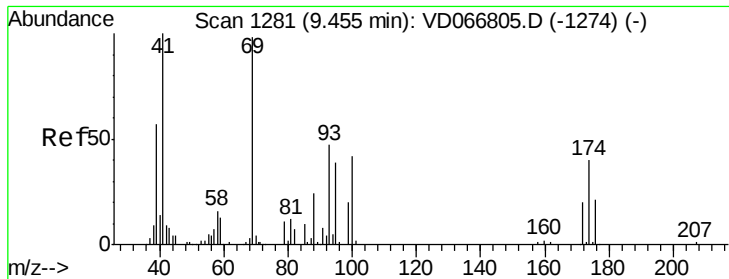
Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion:	41	Resp:	46168
Ion	Ratio	Lower	Upper
41	100		
69	85.9	74.5	111.7
39	51.4	47.0	70.6





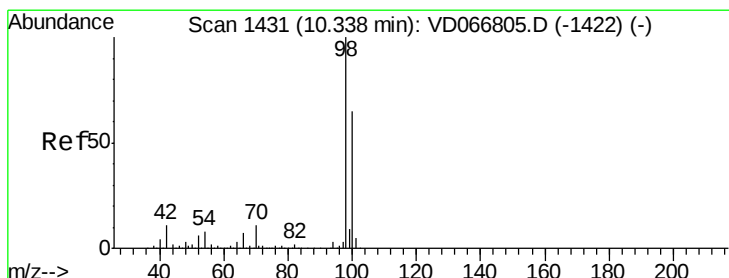
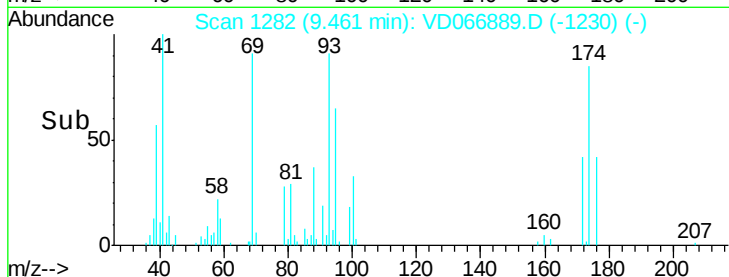
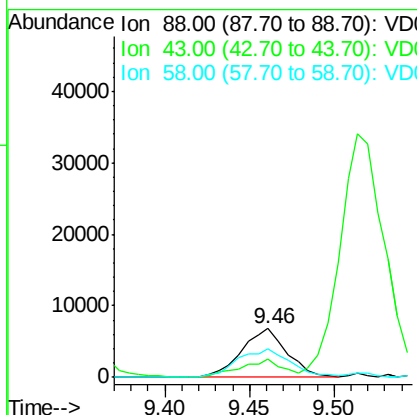
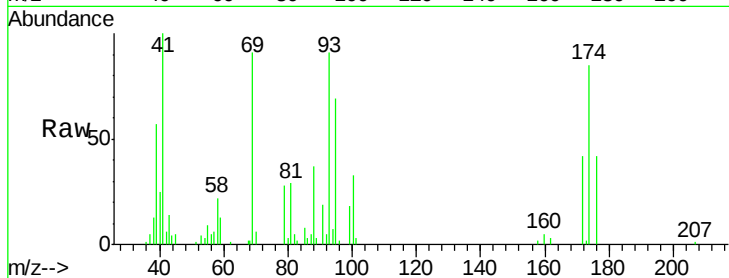
#49
 1,4-Dioxane
 Concen: 428.746 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Tot Ion	88	Resp	12634
Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.7	41.5
58	68.8	55.5	83.3

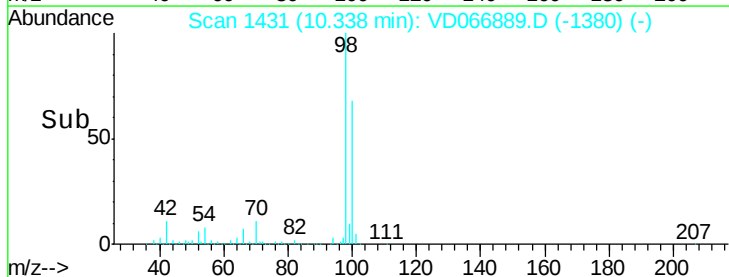
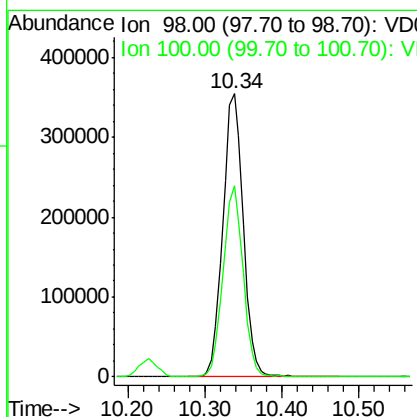
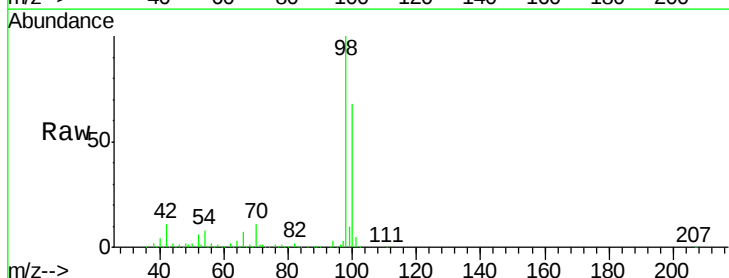
Manual Integrations
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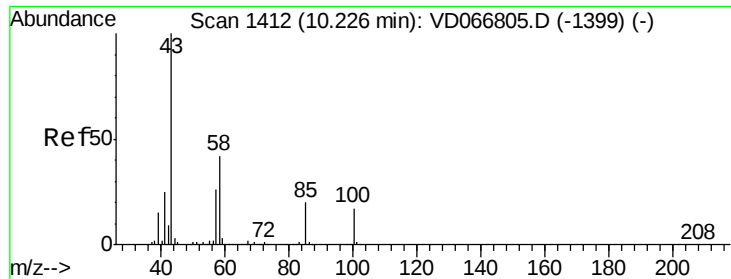
MMDadoda
 9/29/2020 11:45:29 AM



#50
 Toluene-d8
 Concen: 50.035 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion	98	Resp	655056
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 105.718 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleID :

VD0925SBS02

Tot Ion: 43 Resp: 223708

Ion Ratio Lower Upper

43 100

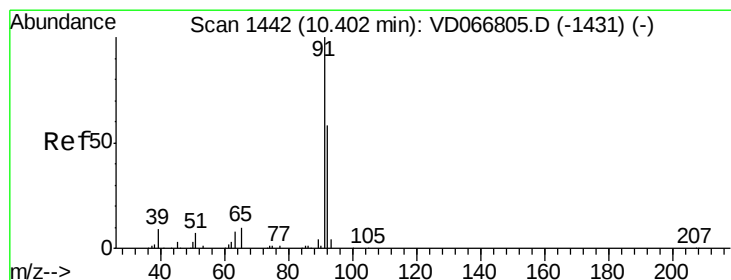
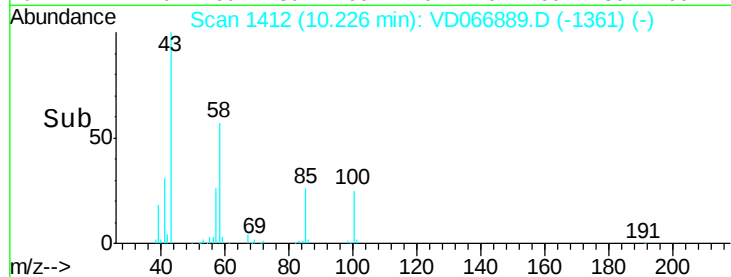
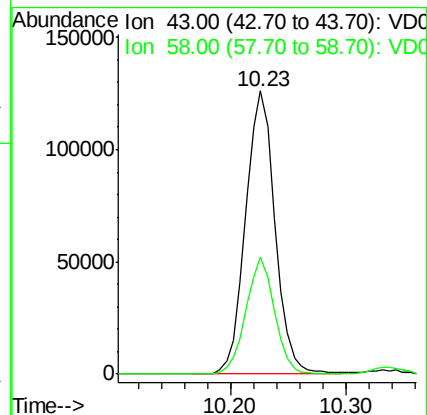
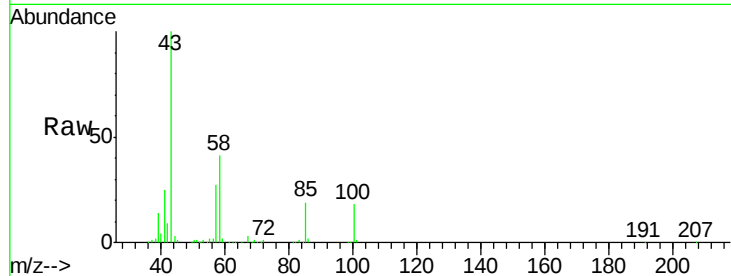
58 40.2 32.2 48.4

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#52

Toluene

Concen: 21.517 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066889.D

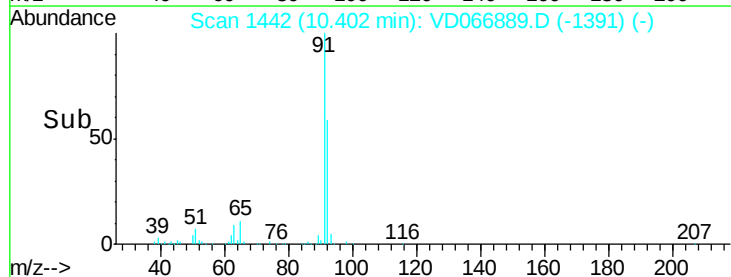
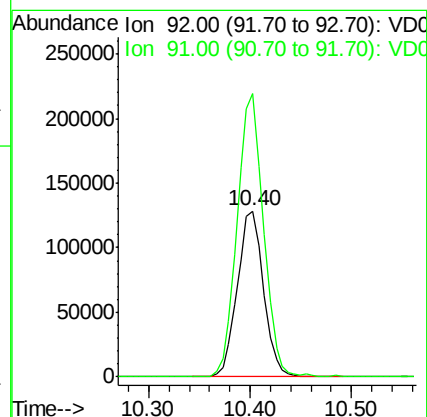
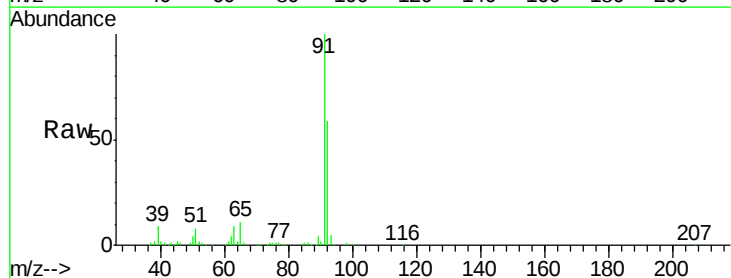
Acq: 25 Sep 2020 23:54

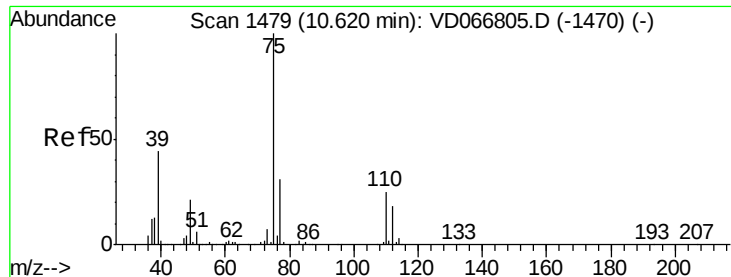
Tgt Ion: 92 Resp: 231454

Ion Ratio Lower Upper

92 100

91 170.6 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 21.252 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

Tot Ion: 75 Resp: 110924

Ion Ratio Lower Upper

75 100

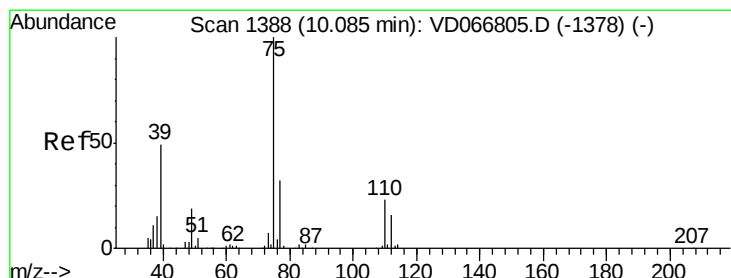
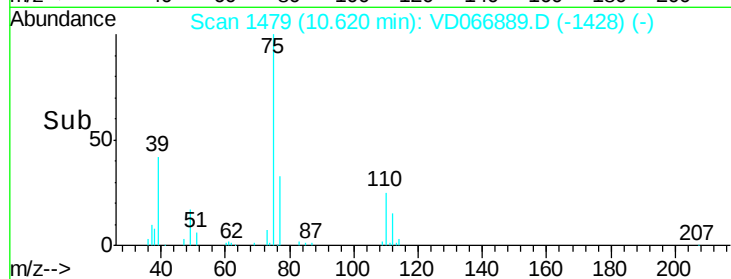
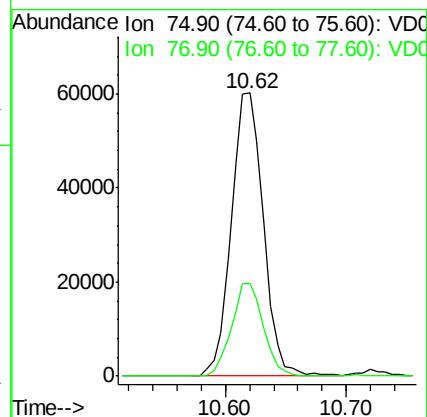
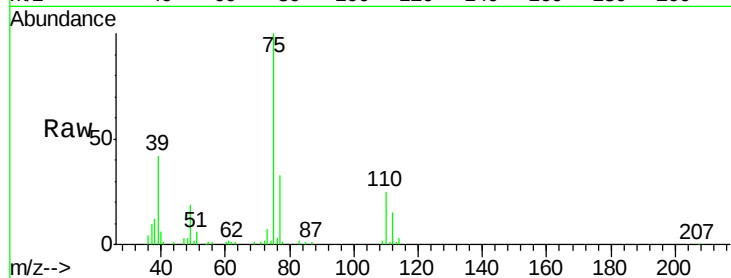
77 32.7 24.5 36.7

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#54

cis-1,3-Dichloropropene

Concen: 21.198 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

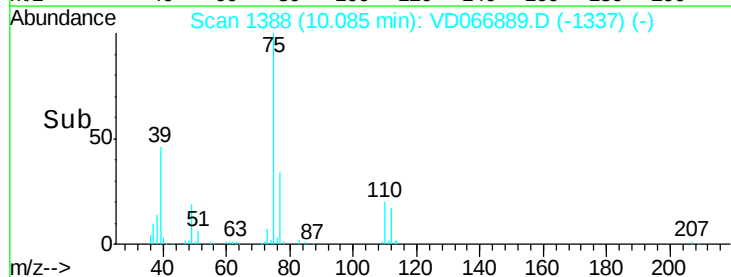
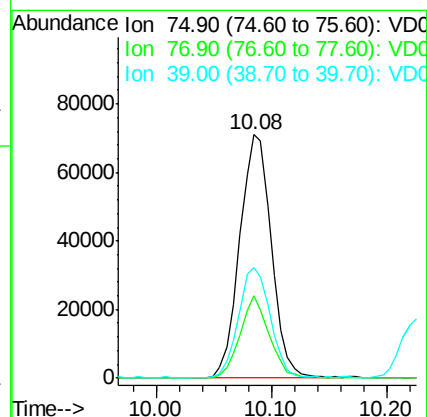
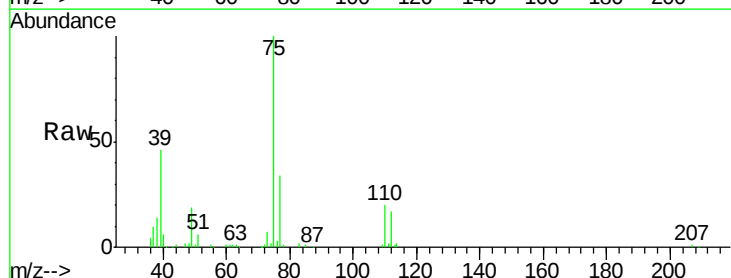
Tgt Ion: 75 Resp: 134908

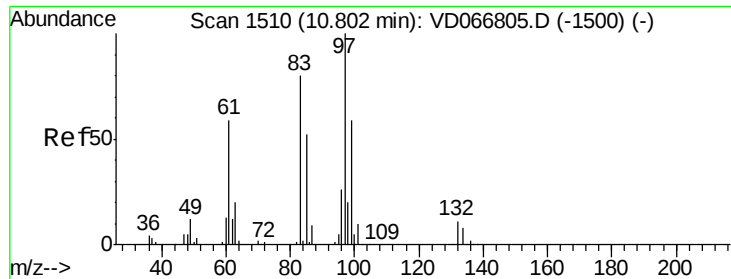
Ion Ratio Lower Upper

75 100

77 33.8 25.6 38.4

39 45.1 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.977 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

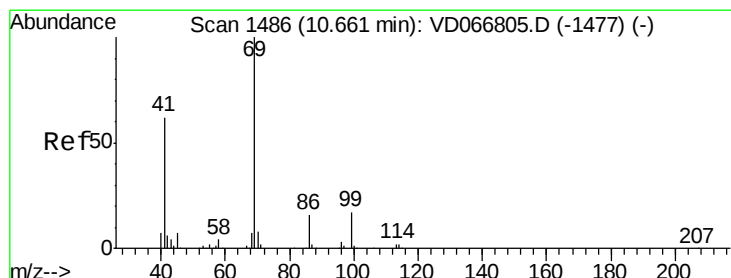
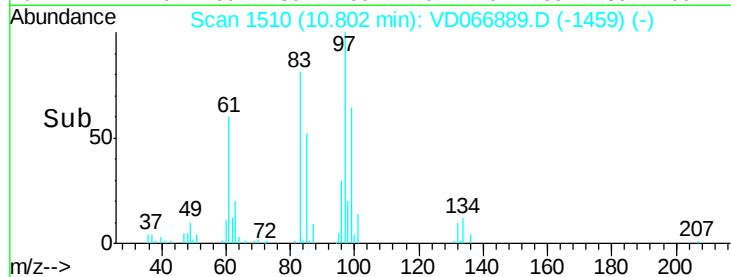
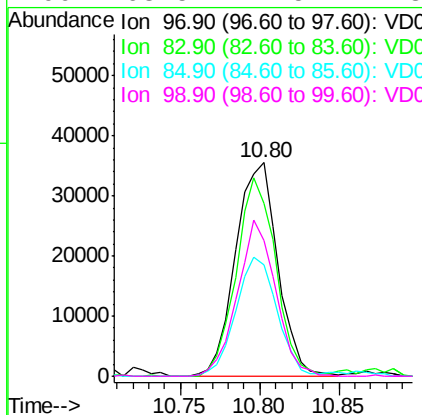
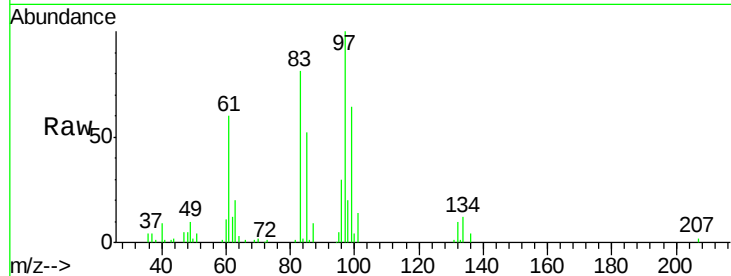
ClientSampleId :

VD0925SBS02

Tot Ion:	97	Resp:	65831
Ion	Ratio	Lower	Upper
97	100		
83	80.9	64.2	96.2
85	52.4	41.9	62.9
99	63.5	47.5	71.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 21.434 ug/l

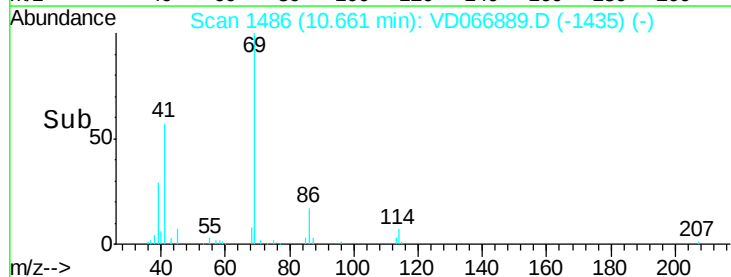
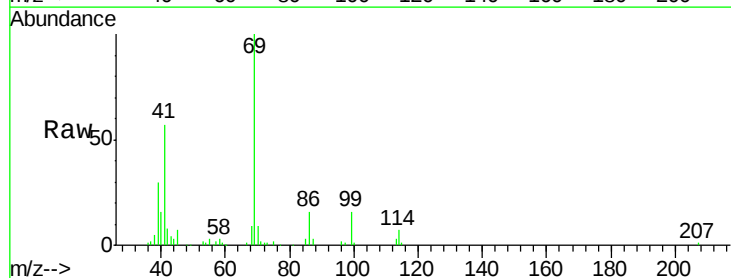
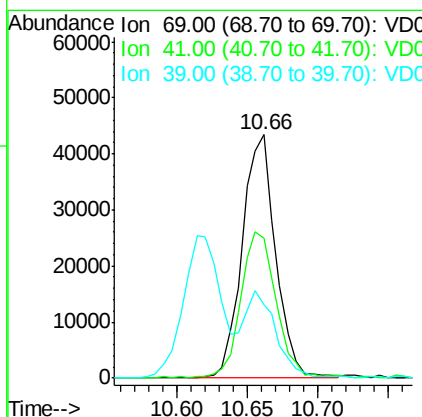
RT: 10.66 min Scan# 1486

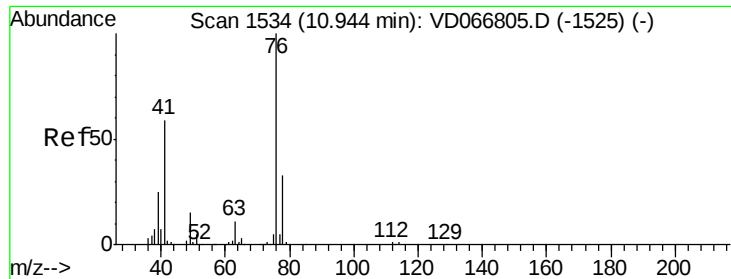
Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion:	69	Resp:	72060
Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.2	78.2
39	32.2	26.6	40.0





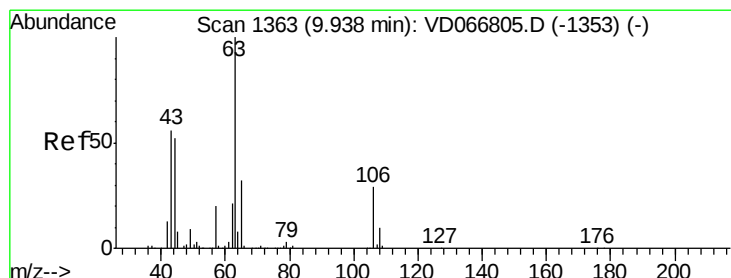
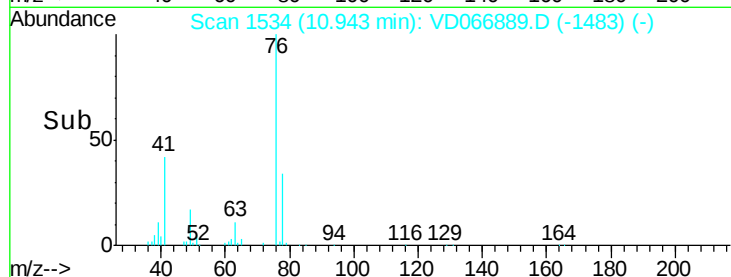
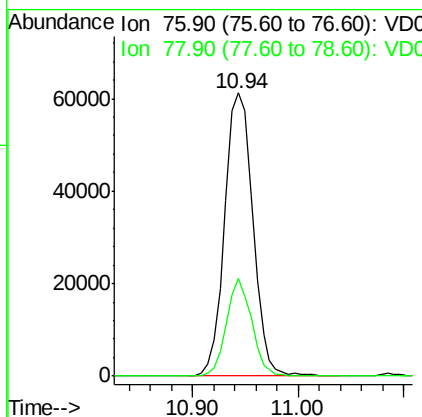
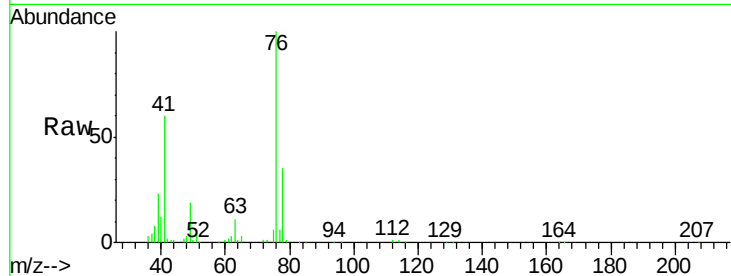
#57
 1,3-Dichloropropane
 Concen: 21.841 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	30.8	26.3	39.5

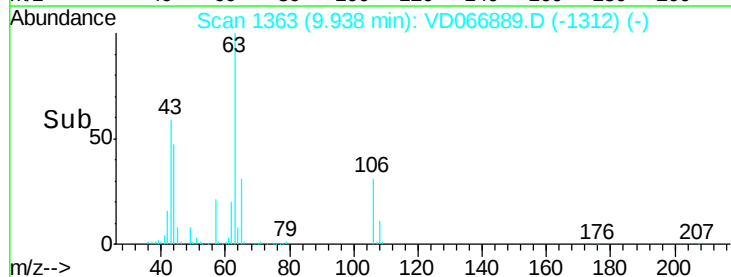
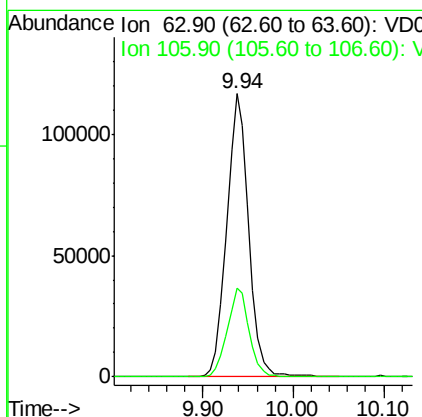
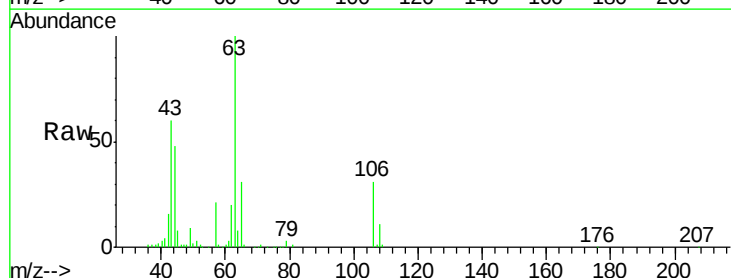
Manual Integrations
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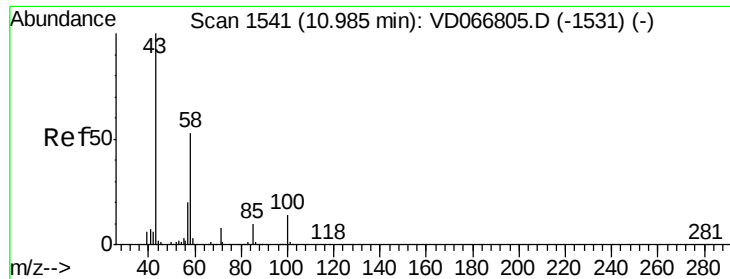
MMDadoda
 9/29/2020 11:45:29 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 122.429 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.3	23.8	35.6





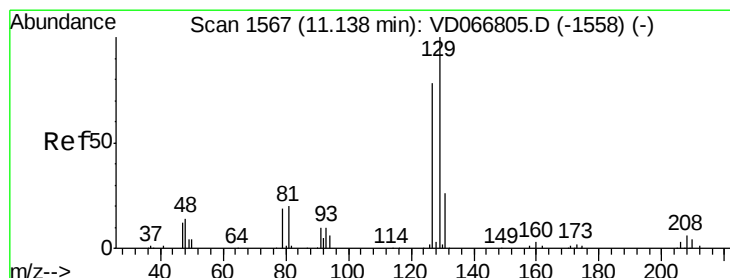
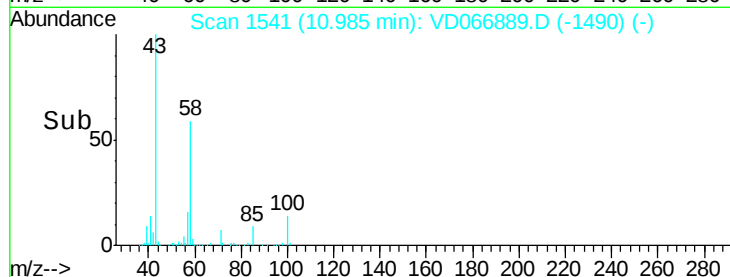
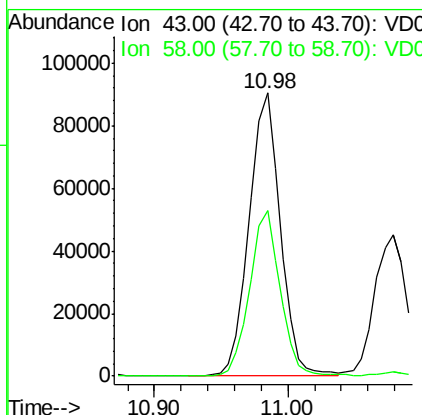
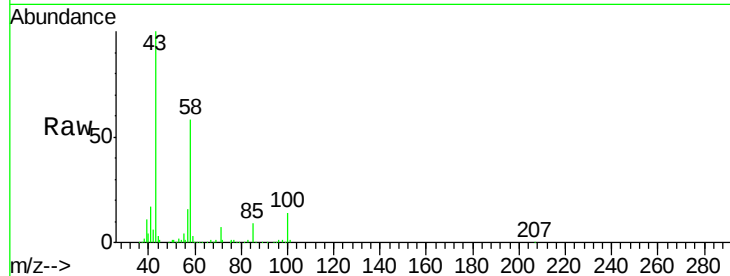
#59
2-Hexanone
Concen: 102.442 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion: 43 Resp: 146188
Ion Ratio Lower Upper
43 100
58 57.2 27.0 80.8

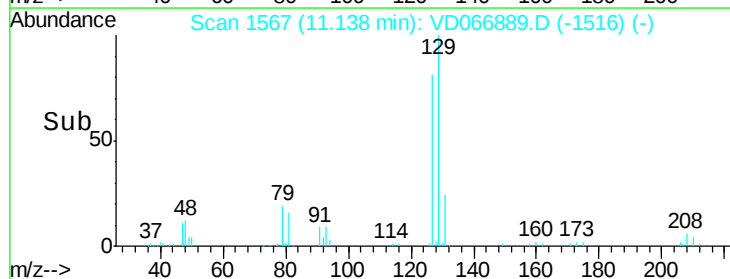
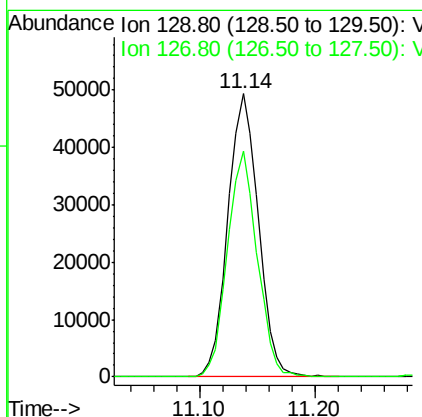
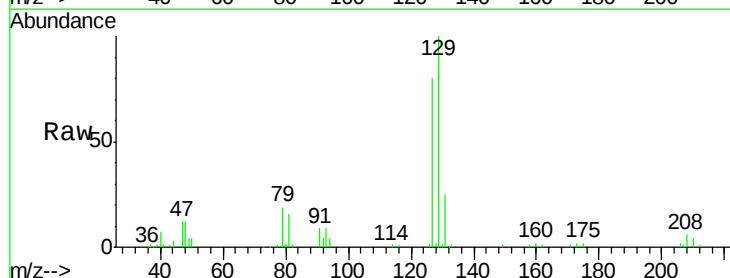
Manual Integrations
APPROVED

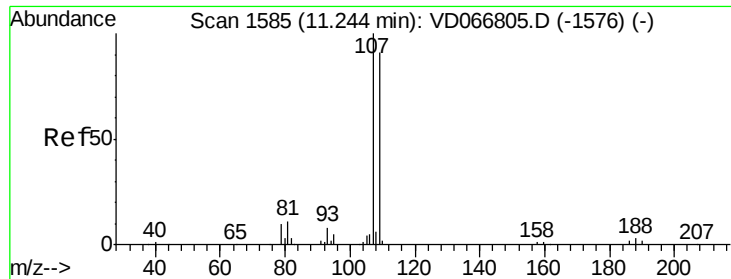
MMDadoda
9/29/2020 11:45:29 AM



#60
Dibromochloromethane
Concen: 22.141 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 129 Resp: 90685
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





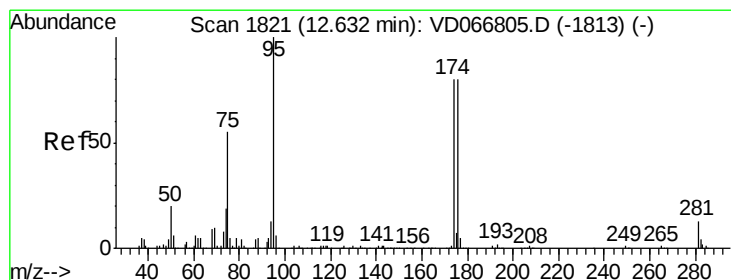
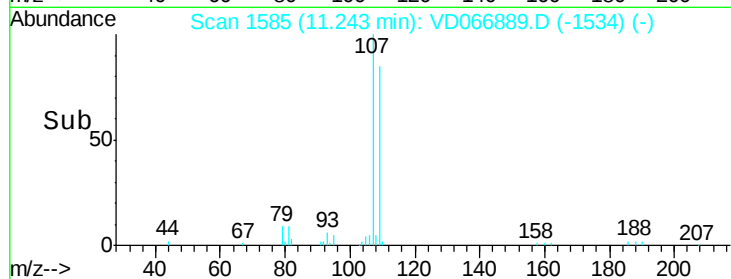
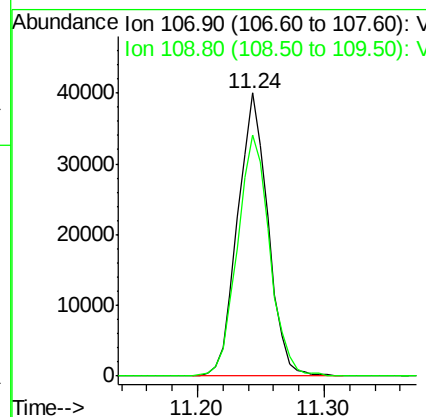
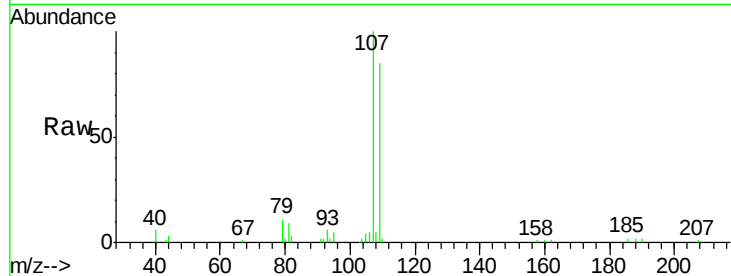
#61
 1,2-Dibromoethane
 Concen: 22.677 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.7	75.0	112.4

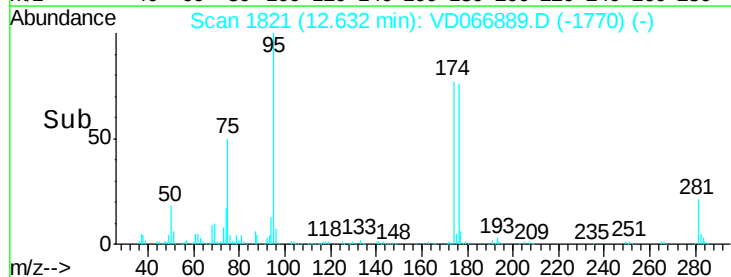
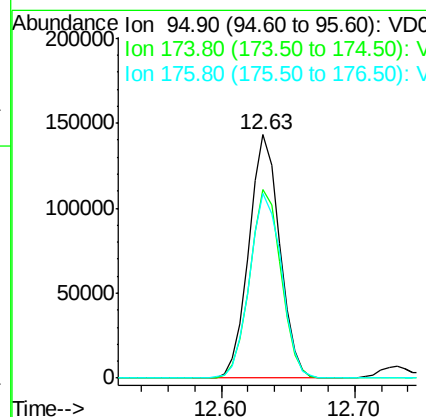
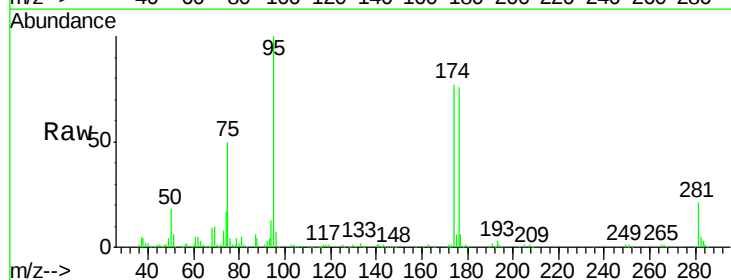
Manual Integrations
 APPROVED

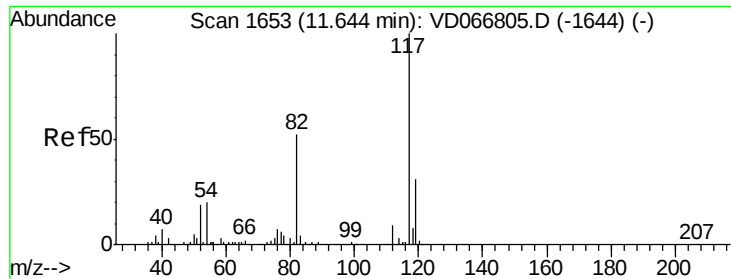
MMDadoda
 9/29/2020 11:45:29 AM



#62
 4-Bromofluorobenzene
 Concen: 50.837 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	159.8
176	78.5	0.0	154.4





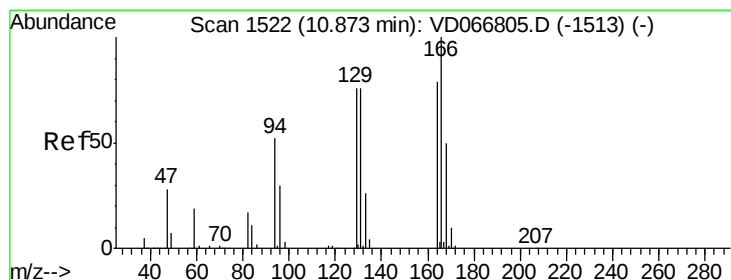
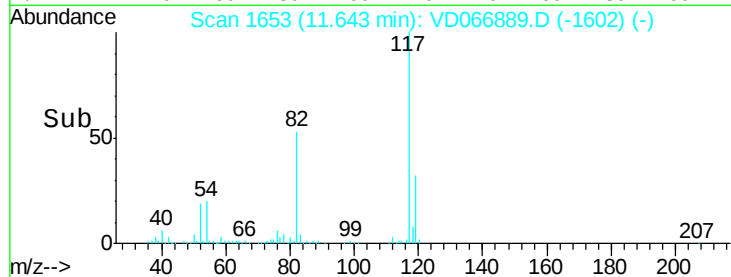
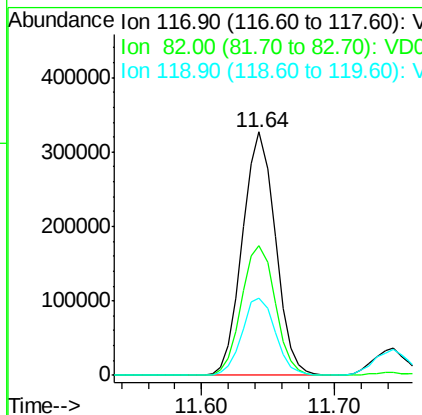
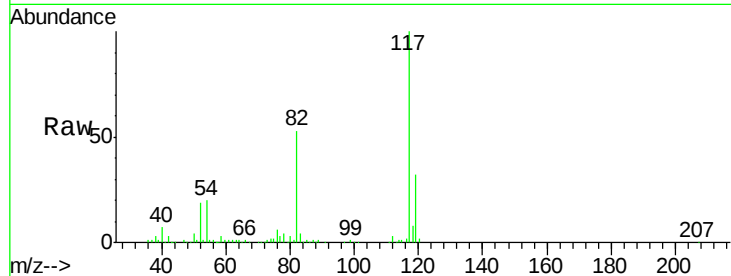
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	558998		
82	53.1		41.8	62.6
119	31.6		24.6	37.0

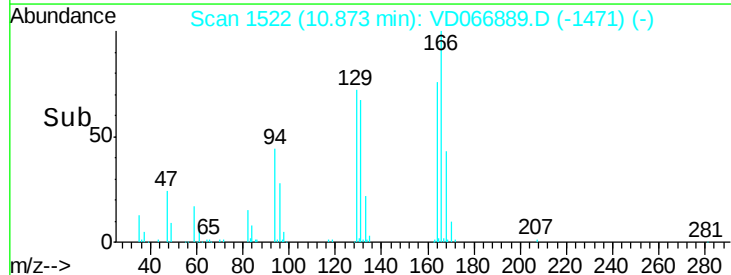
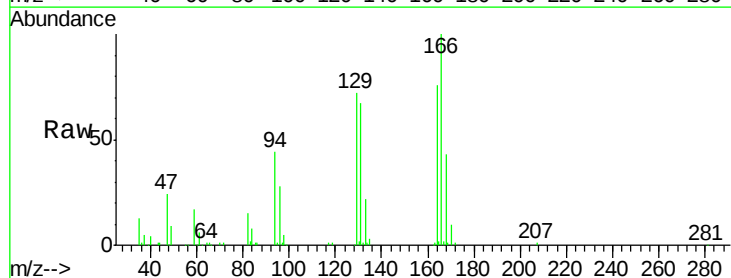
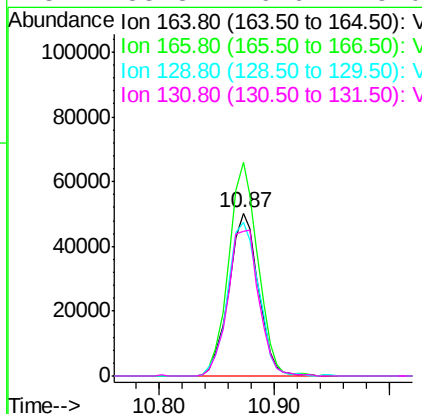
Manual Integrations
APPROVED

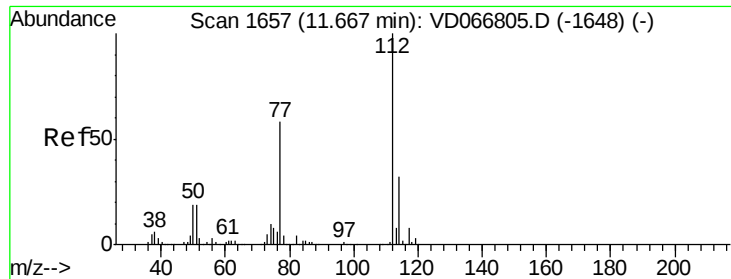
MMDadoda
9/29/2020 11:45:29 AM



#64
Tetrachloroethene
Concen: 22.193 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89236		
166	130.9		101.1	151.7
129	93.9		77.0	115.4
131	88.3		76.6	115.0





#65

Chlorobenzene

Concen: 20.928 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

Tot Ion:112 Resp: 243517

Ion Ratio Lower Upper

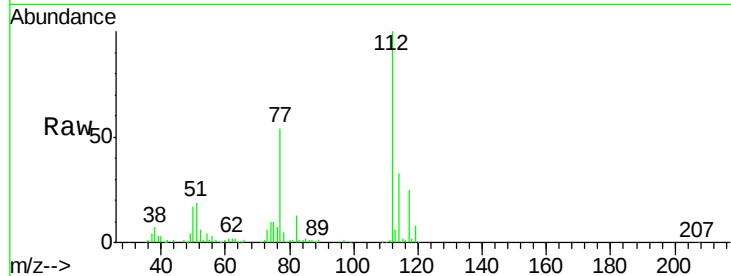
112 100

114 32.5 25.4 38.2

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

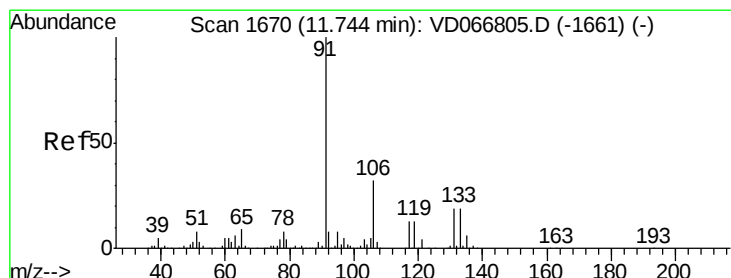
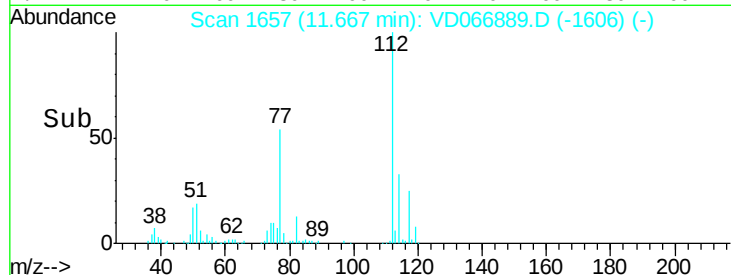
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.626 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

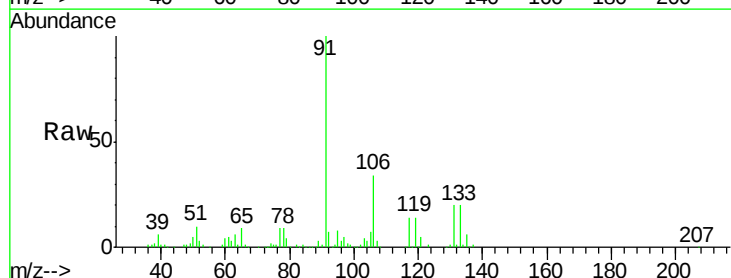
Tgt Ion:131 Resp: 90836

Ion Ratio Lower Upper

131 100

133 99.1 46.7 140.1

119 68.7 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

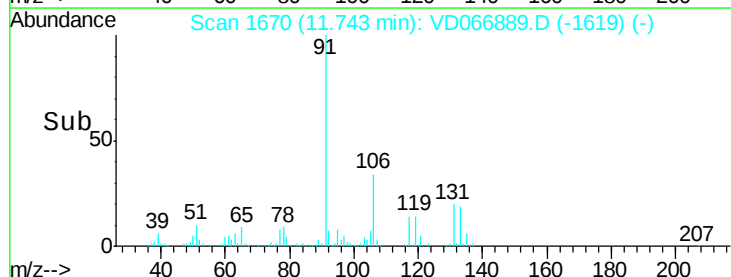
11.74

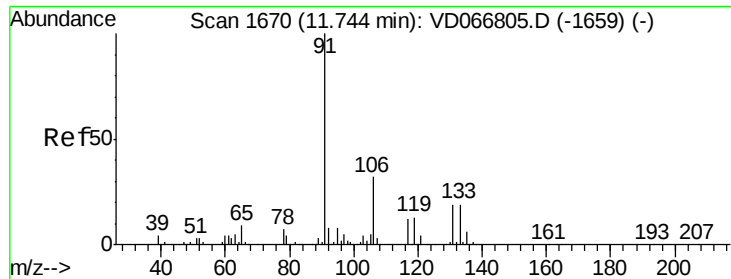
100000

50000

0

Time-->





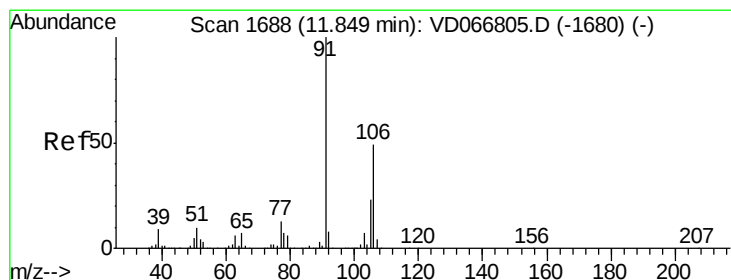
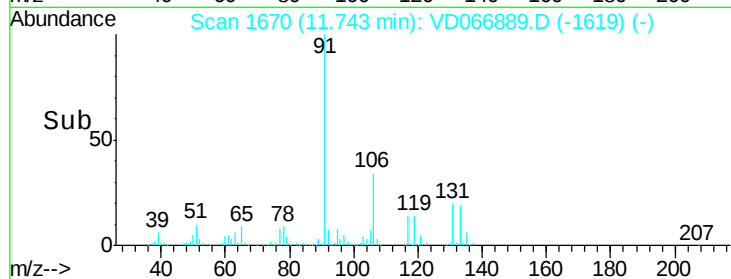
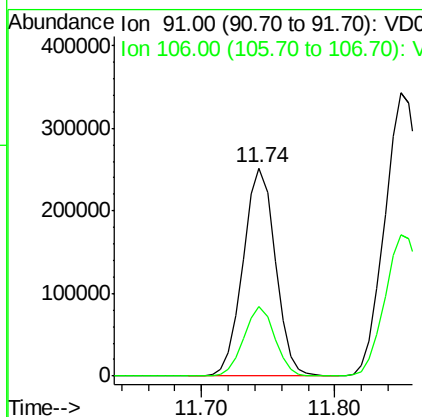
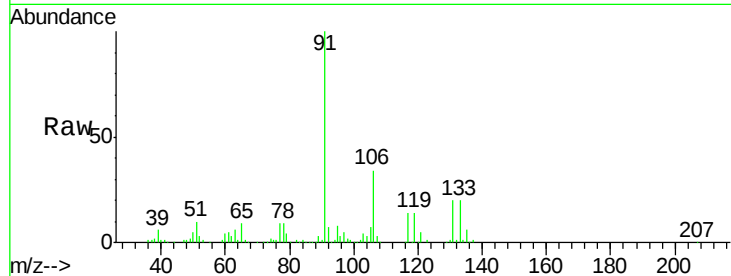
#67
Ethyl Benzene
Concen: 20.618 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion: 91 Resp: 421347
Ion Ratio Lower Upper
91 100
106 33.7 25.6 38.4

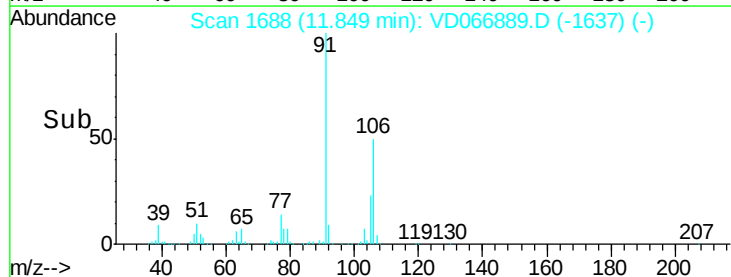
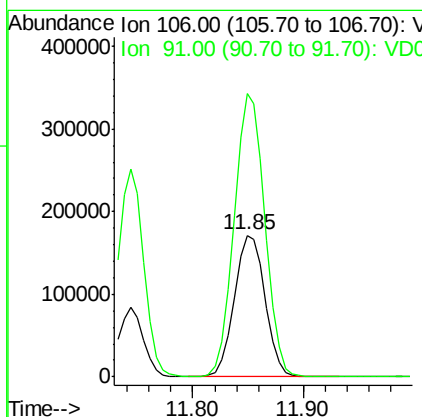
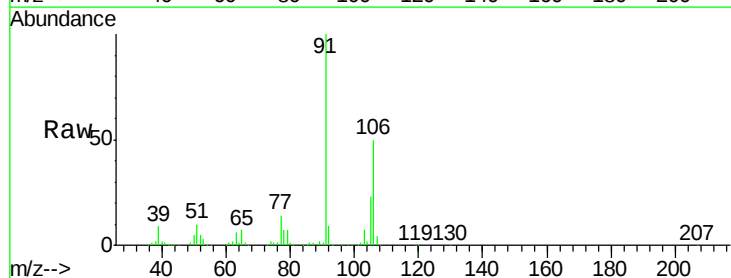
Manual Integrations
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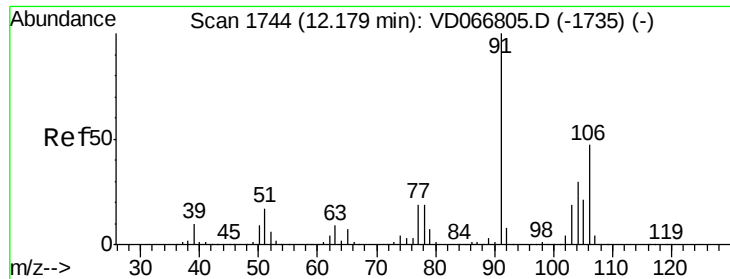
MMDadoda
9/29/2020 11:45:29 AM



#68
m/p-Xylenes
Concen: 43.228 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 106 Resp: 334474
Ion Ratio Lower Upper
106 100
91 199.3 160.7 241.1





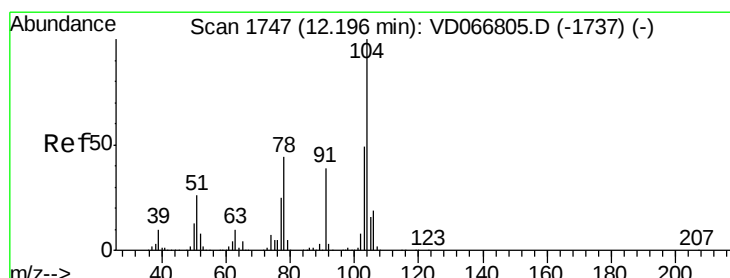
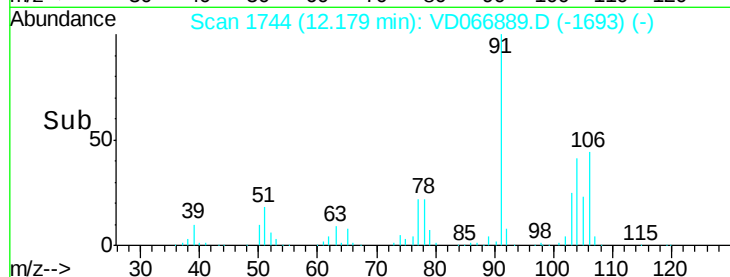
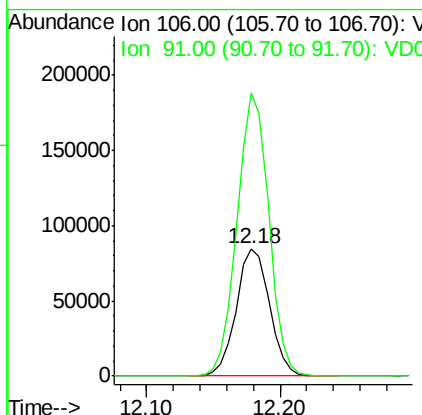
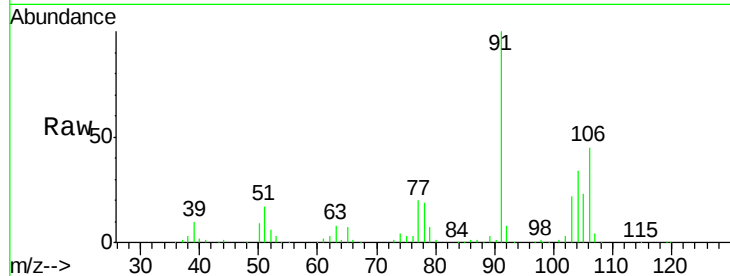
#69
o-Xylene
Concen: 20.879 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		146075		
91	212.4	106.3	318.8		

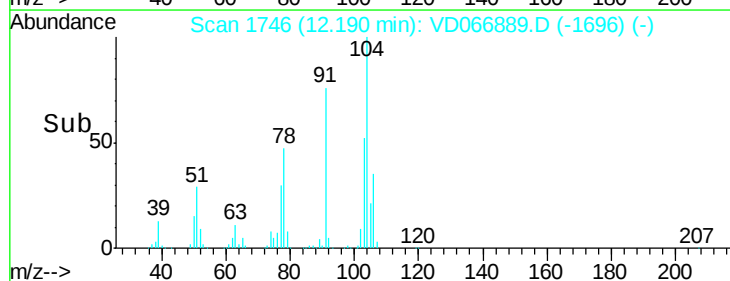
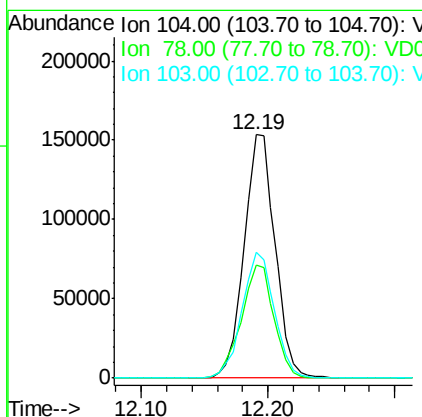
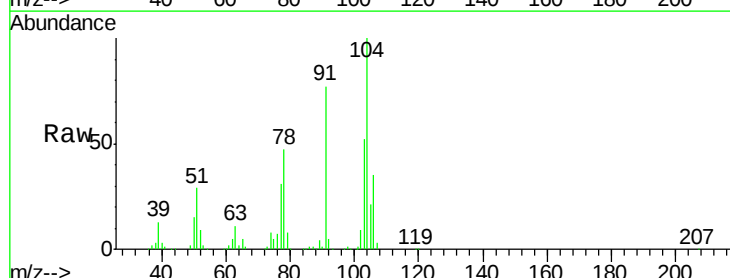
Manual Integrations
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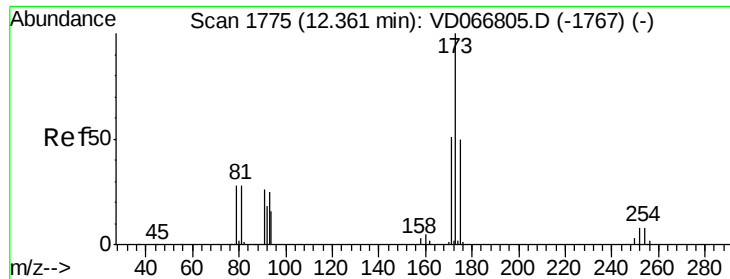
MMDadoda
9/29/2020 11:45:29 AM



#70
Styrene
Concen: 21.510 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		261353		
78	48.9	38.9	58.3		
103	53.8	43.2	64.8		





#71

Bromoform

Concen: 21.937 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

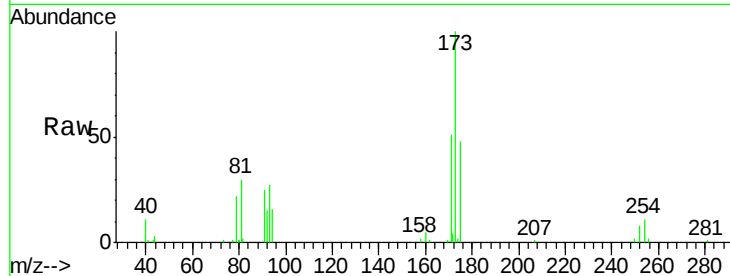
ClientSampleId :

VD0925SBS02

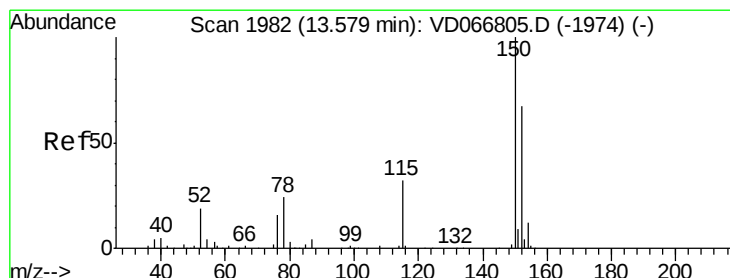
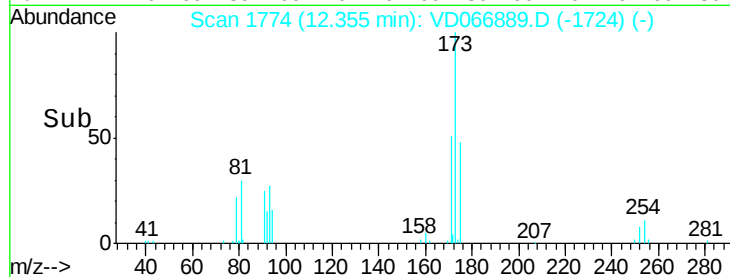
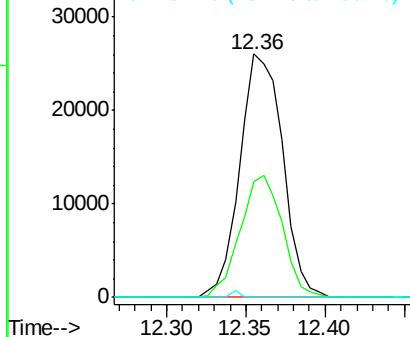
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.6
254	0.5	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

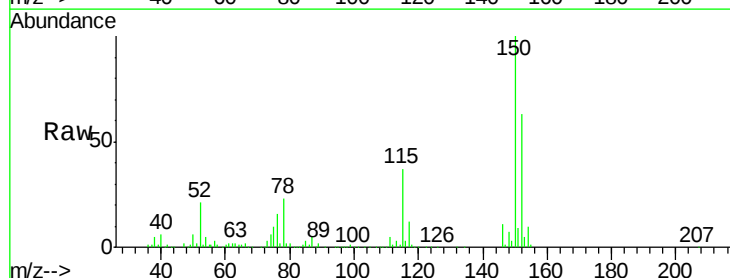
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

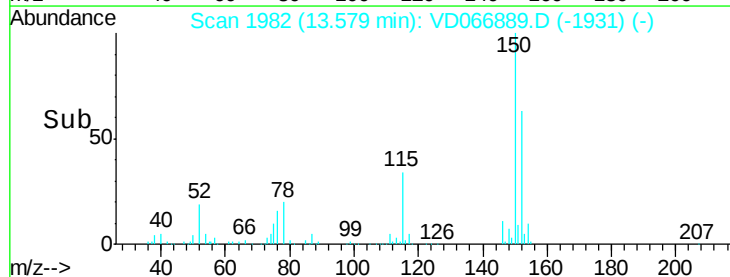
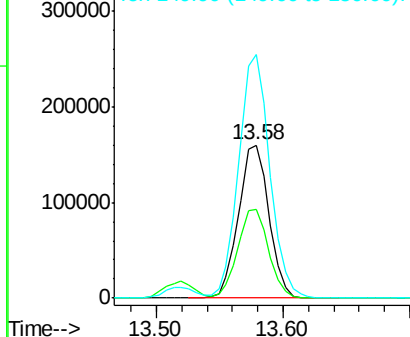
Lab File: VD066889.D

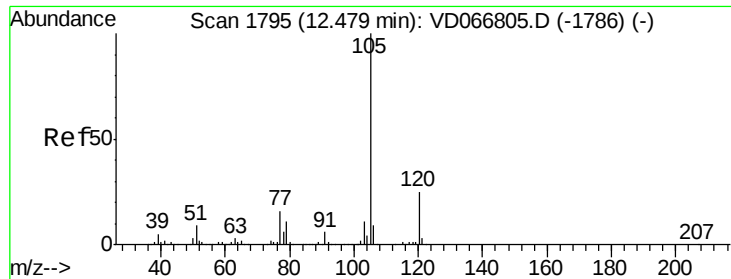
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.3	91.0
150	162.2	0.0	346.2



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





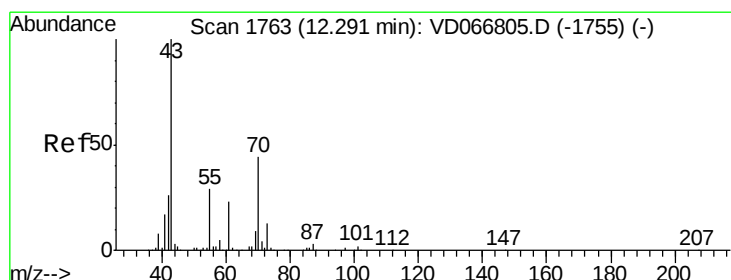
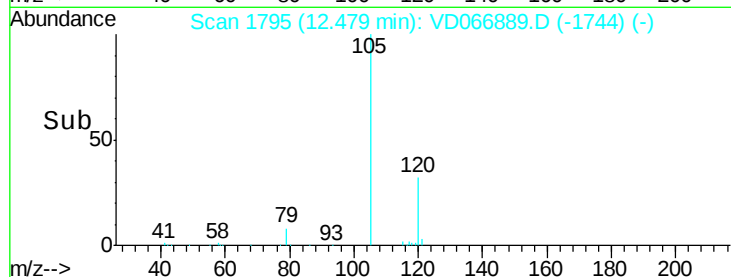
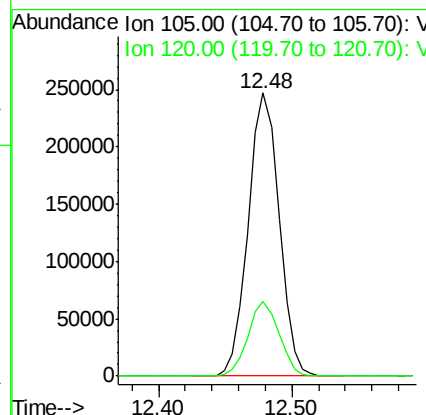
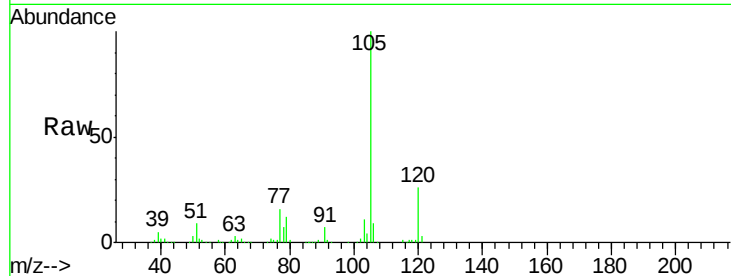
#73
Isopropylbenzene
Concen: 20.448 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	12.9	38.6

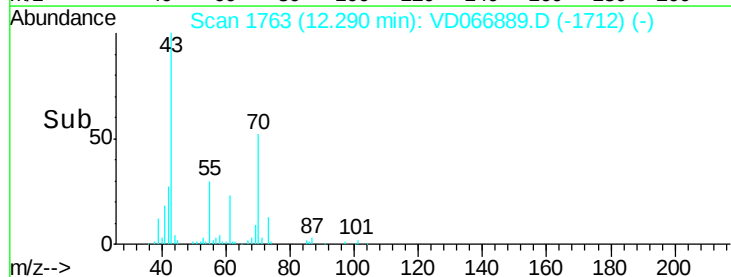
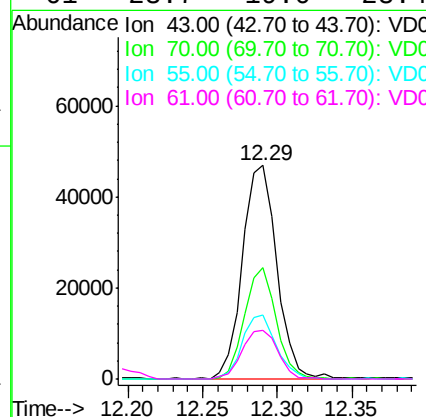
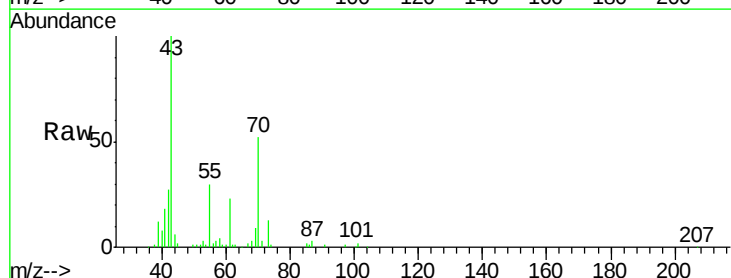
Manual Integrations
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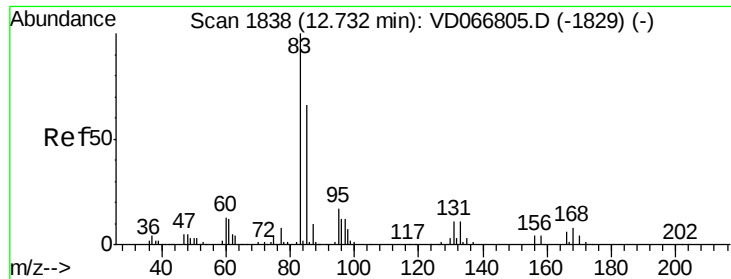
MMDadoda
9/29/2020 11:45:29 AM



#74
N-ethyl acetate
Concen: 19.914 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.0	36.1	54.1
55	29.6	21.8	32.8
61	23.7	19.0	28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.678 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

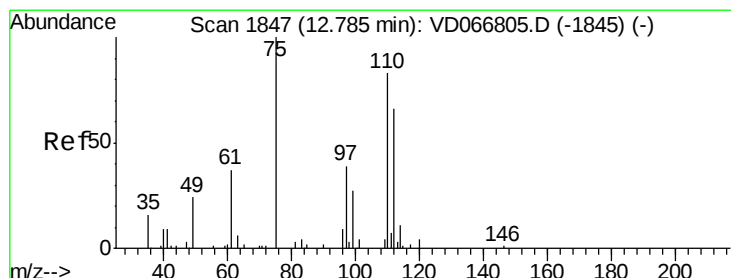
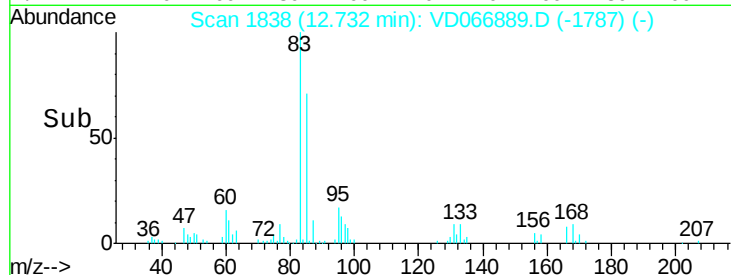
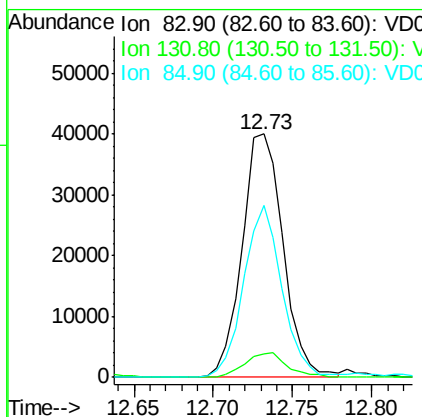
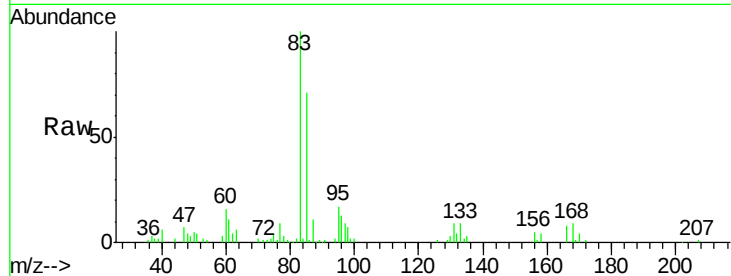
ClientSampleId :

VD0925SBS02

Tot Ion:	83	Resp:	72111
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.5	16.7
85	65.7	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 19.990 ug/l m

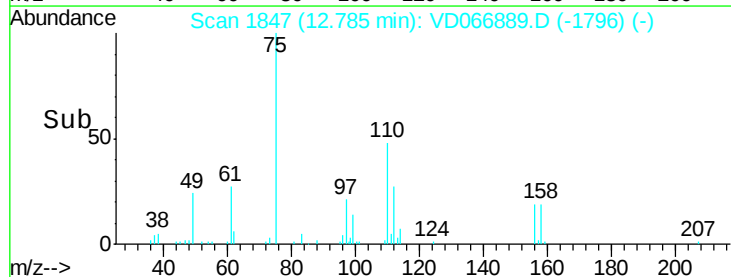
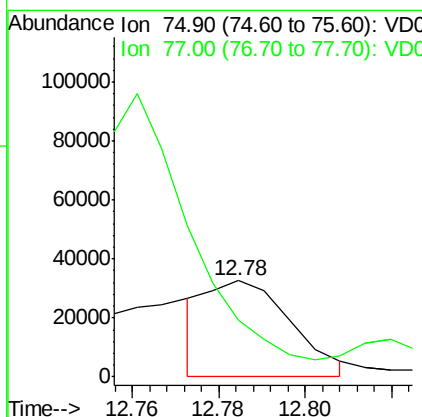
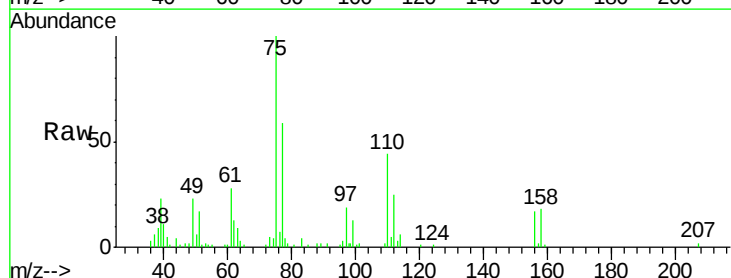
RT: 12.78 min Scan# 1847

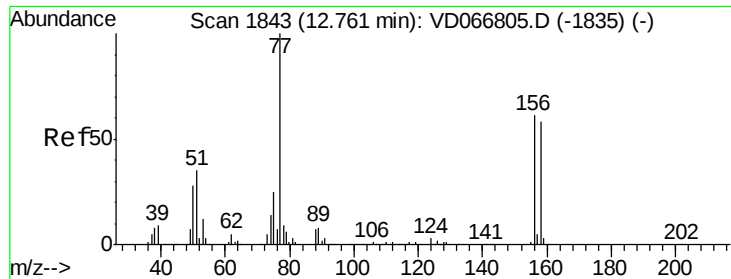
Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion:	75	Resp:	44207
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.019 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

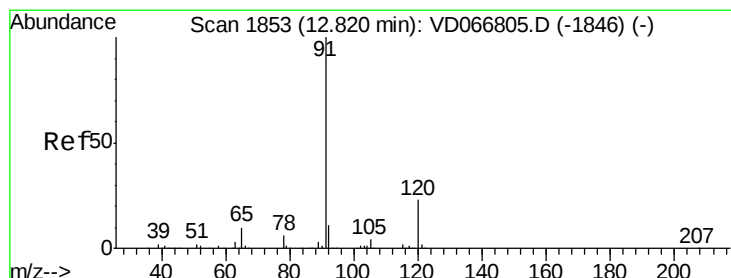
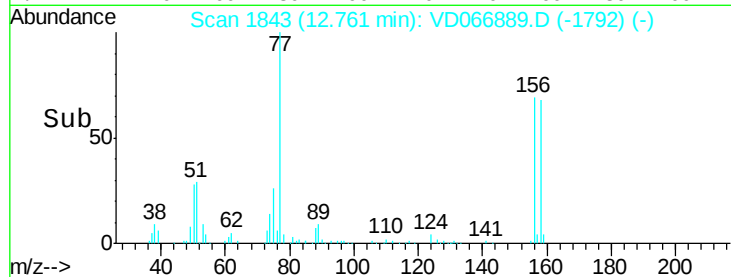
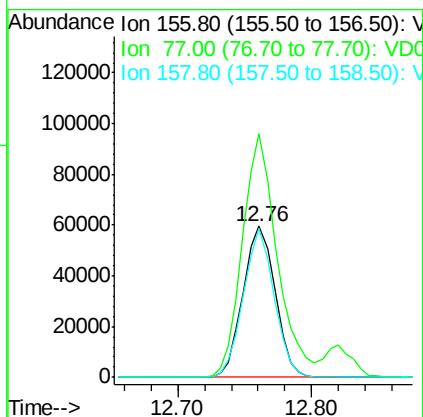
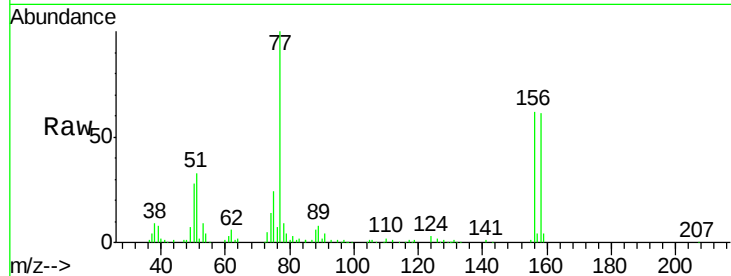
ClientSampleId :

VD0925SBS02

Tot Ion:156 Resp: 99275
 Ion Ratio Lower Upper
 156 100
 77 174.0 92.3 276.9
 158 94.2 47.6 142.9

Manual Integrations
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#78

n-propylbenzene

Concen: 20.580 ug/l

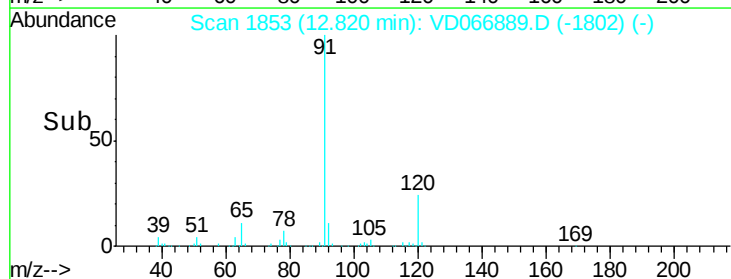
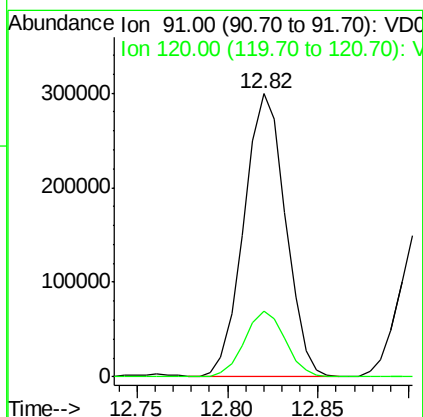
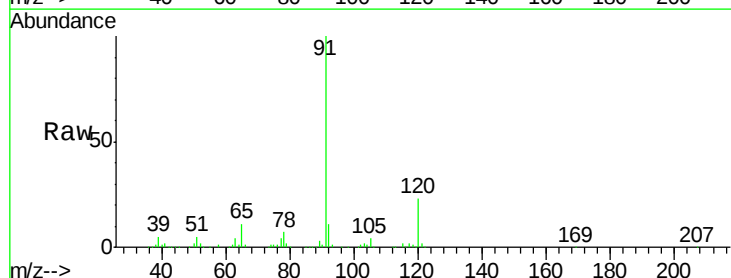
RT: 12.82 min Scan# 1853

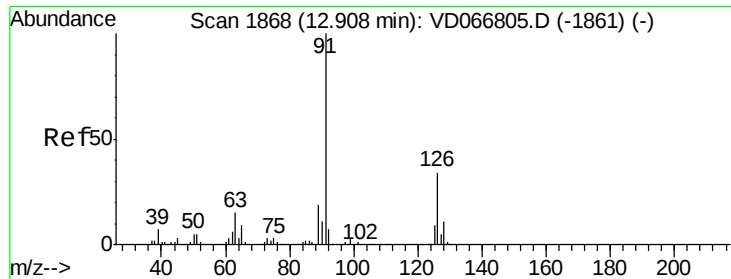
Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion: 91 Resp: 477299
 Ion Ratio Lower Upper
 91 100
 120 22.8 11.4 34.2





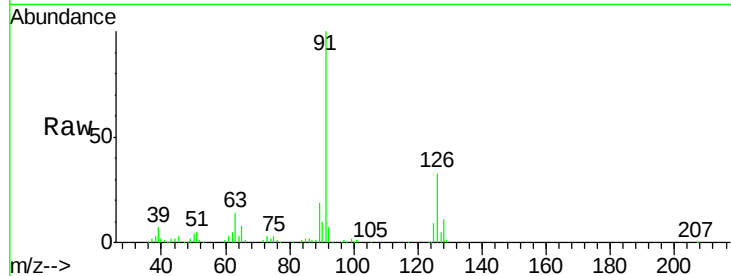
#79
2-Chlorotoluene
Concen: 20.876 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

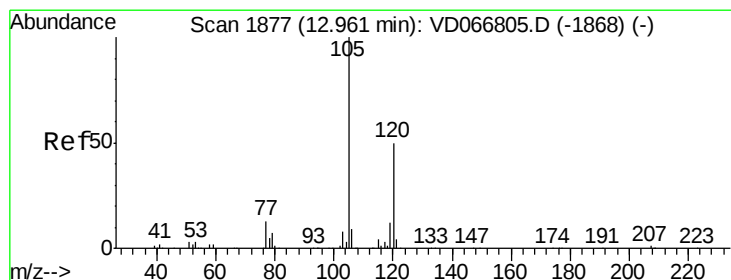
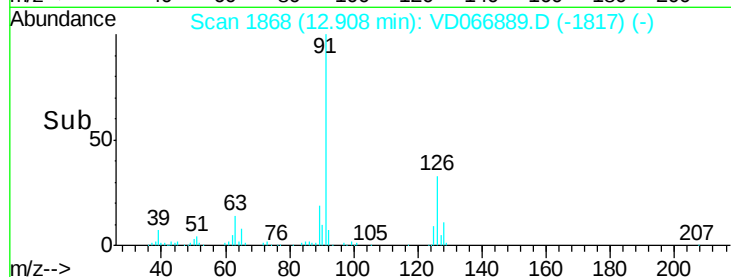
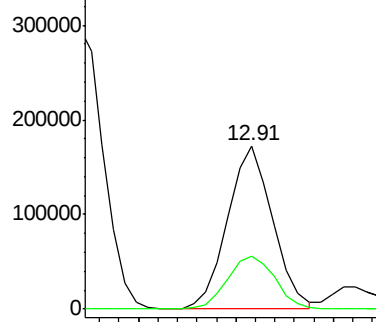
Tot Ion: 91 Resp: 275896
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0

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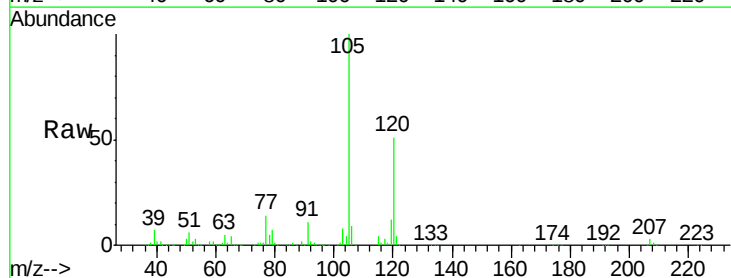


Abundance Ion 91.00 (90.70 to 91.70): VD
Ion 125.90 (125.60 to 126.60): V

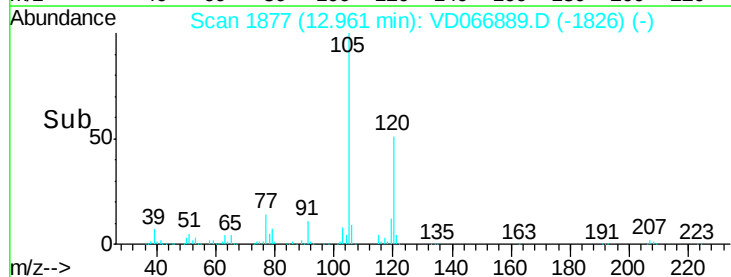
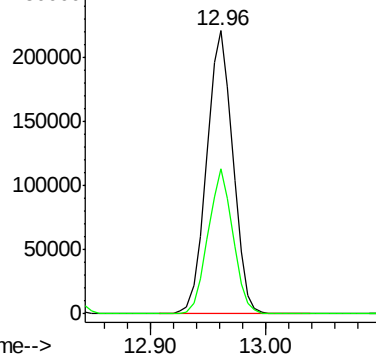


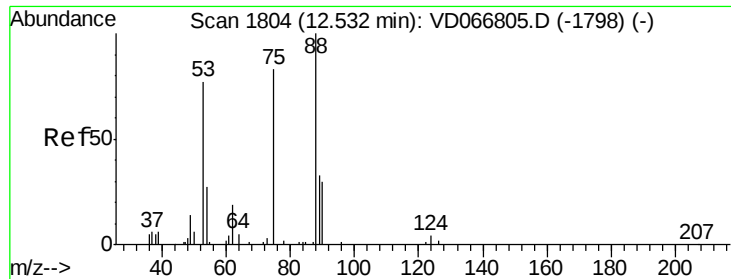
#80
1,3,5-Trimethylbenzene
Concen: 21.110 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion:105 Resp: 345302
Ion Ratio Lower Upper
105 100
120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





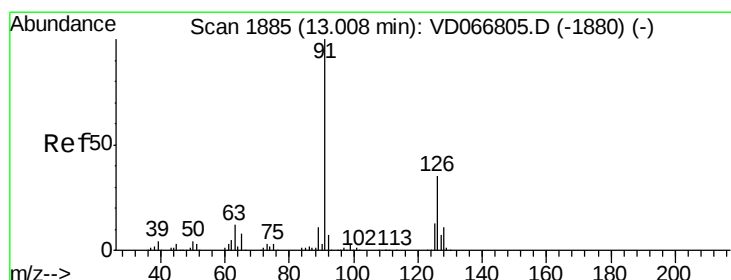
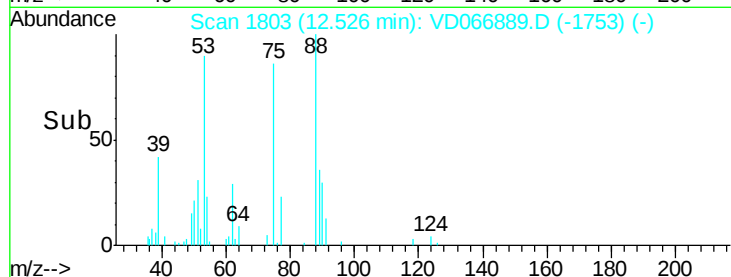
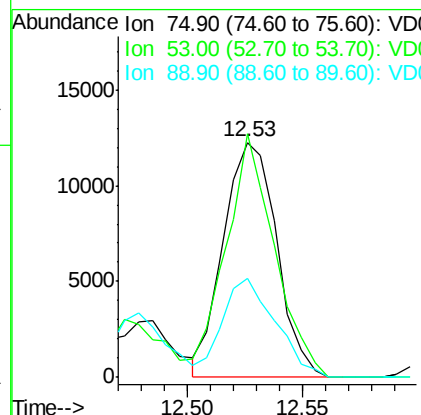
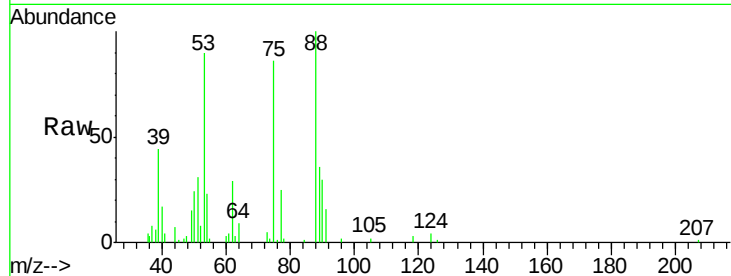
#81
trans-1,4-Dichloro-2-butene
Concen: 22.237 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.7	78.5	117.7
89	42.3	38.1	57.1

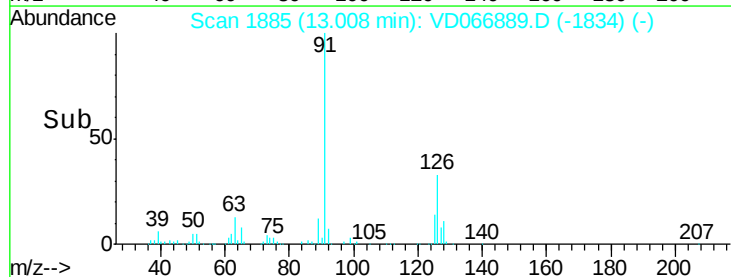
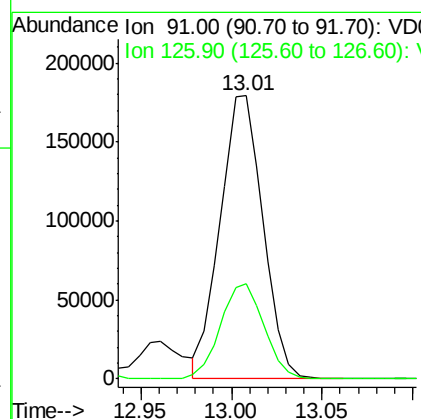
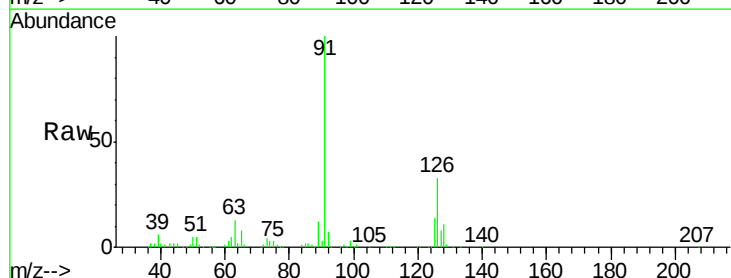
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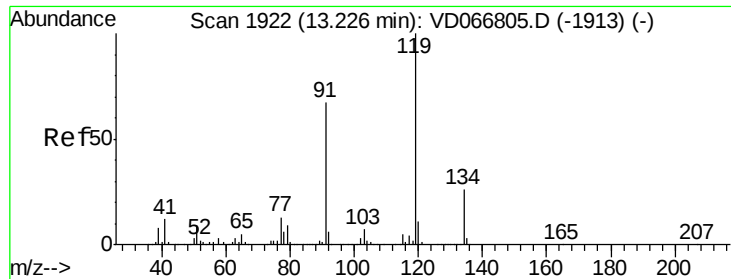
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#82
4-Chlorotoluene
Concen: 21.133 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.1	51.2





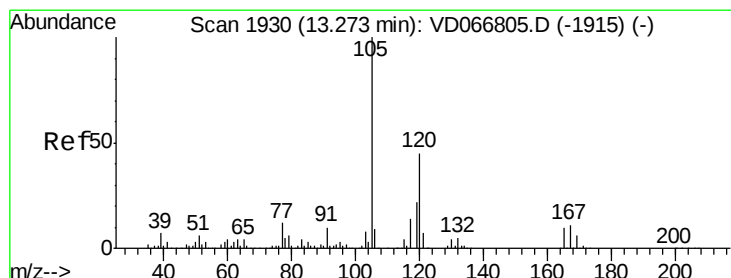
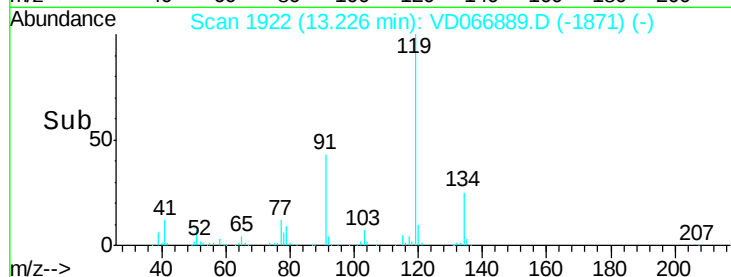
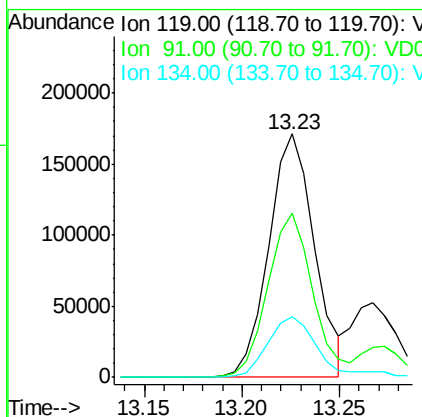
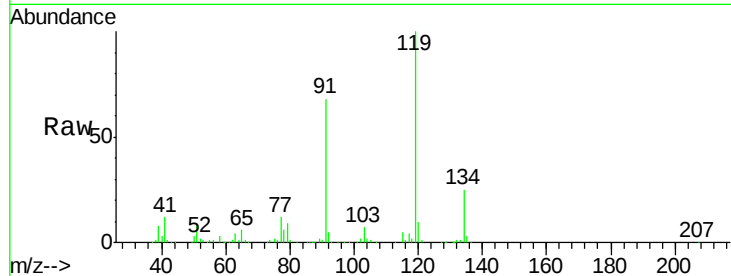
#83
tert-Butylbenzene
Concen: 20.673 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	277876		
91	66.7		33.6	100.8
134	27.5		13.5	40.4

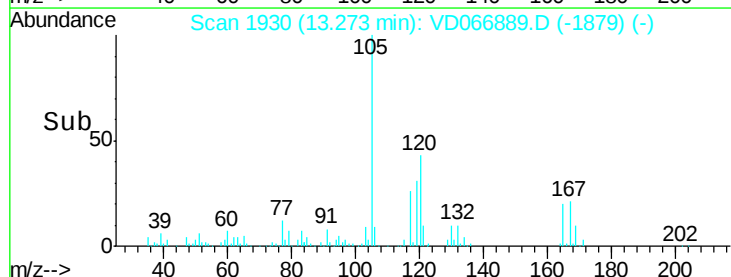
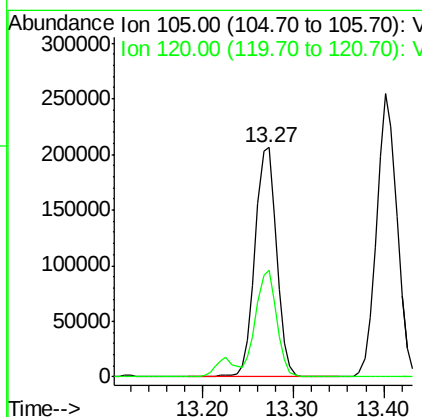
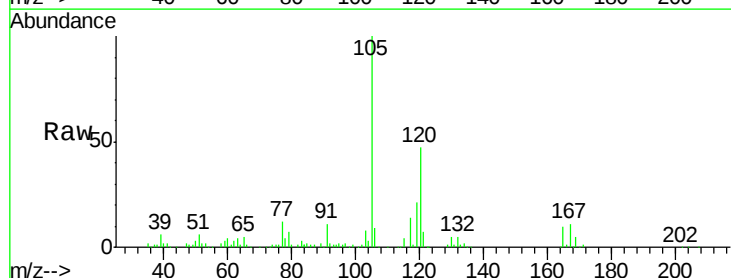
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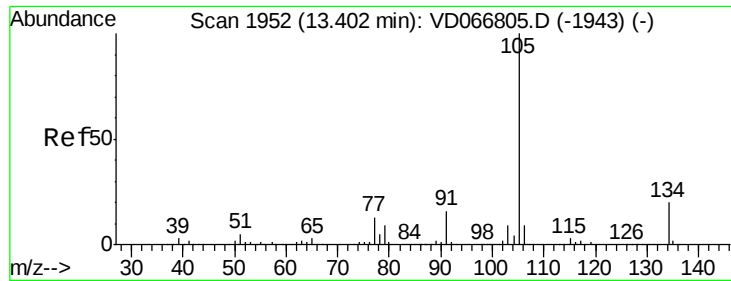
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#84
1,2,4-Trimethylbenzene
Concen: 21.084 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	341987		
120	44.9		22.3	66.9





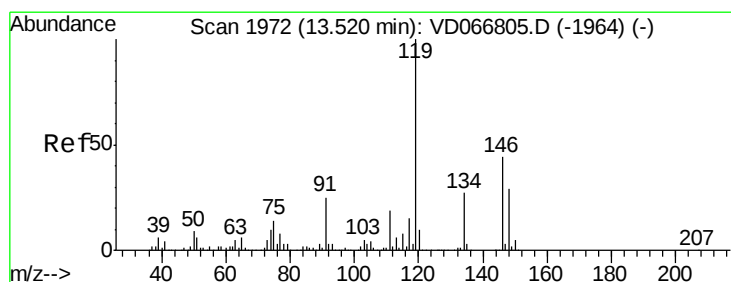
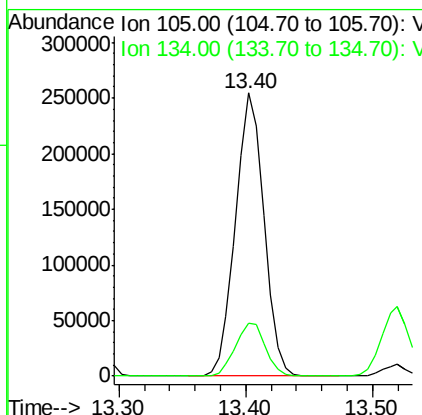
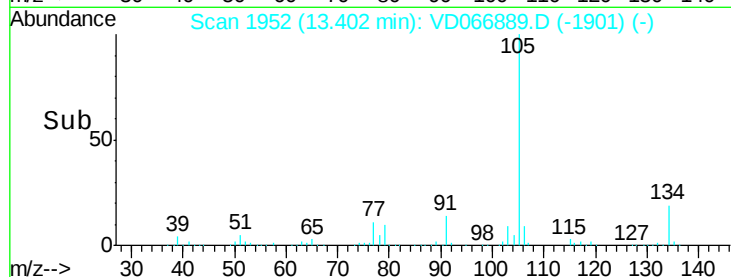
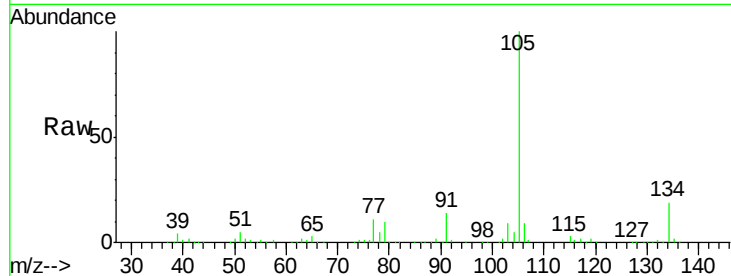
#85
 sec-Butylbenzene
 Concen: 20.517 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	396569		
134	19.8	10.2	30.6	

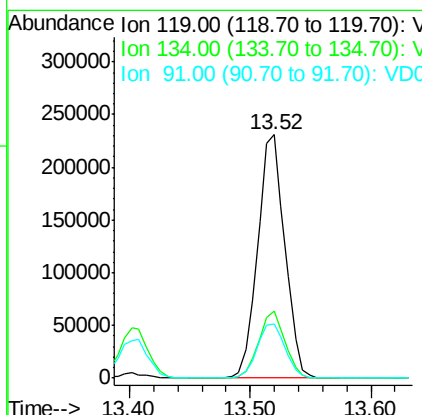
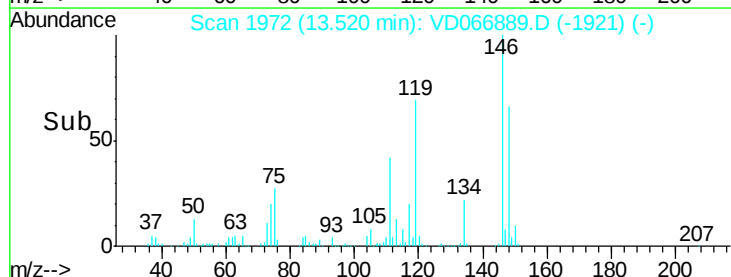
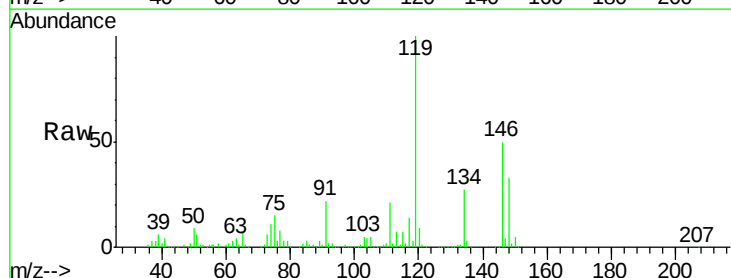
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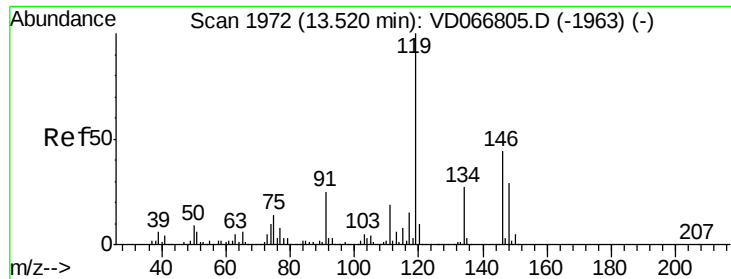
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#86
 p-Isopropyltoluene
 Concen: 20.649 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	359755		
134	26.5	13.0	38.9	
91	22.8	12.0	36.1	





#87

1,3-Dichlorobenzene

Concen: 21.070 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

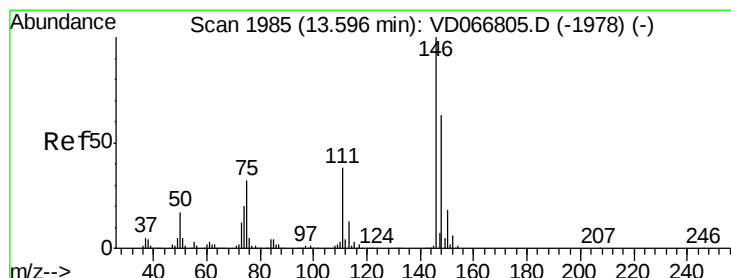
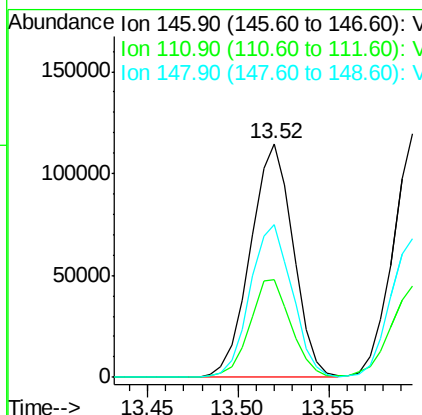
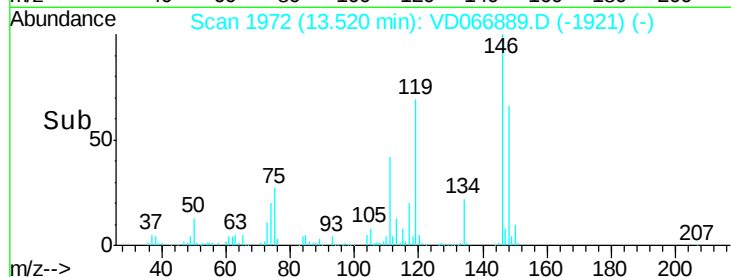
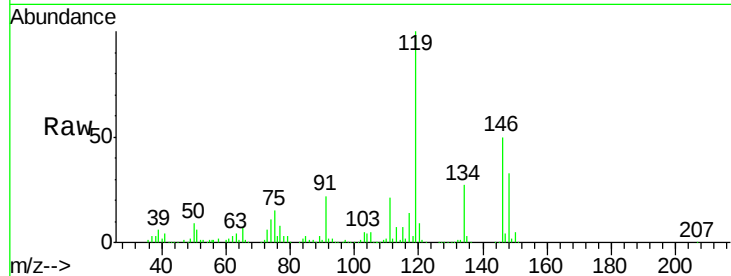
ClientSampleId :

VD0925SBS02

Tot Ion:	146	Resp:	187680
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.3	60.9
148	64.6	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 21.283 ug/l

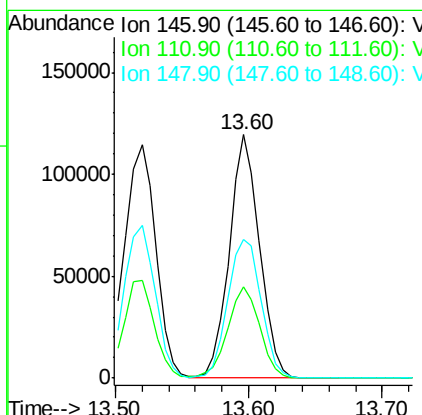
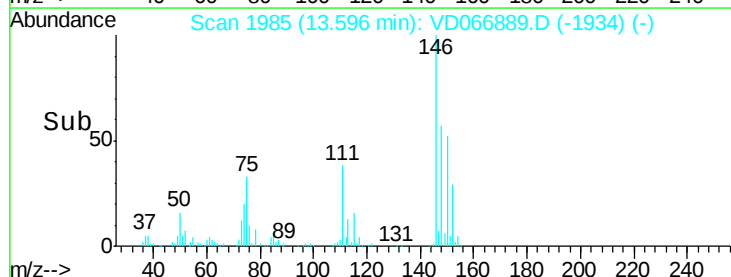
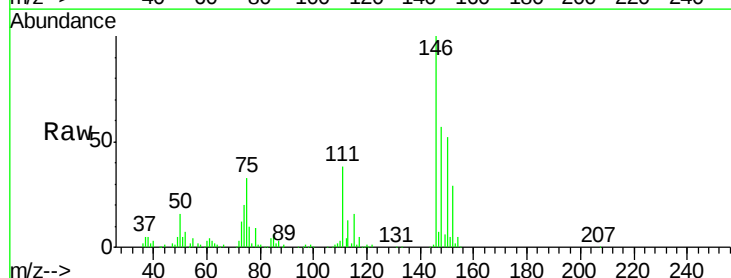
RT: 13.60 min Scan# 1985

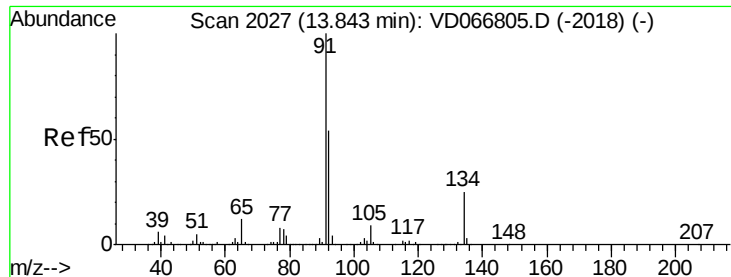
Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion:	146	Resp:	188289
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.2	60.5
148	63.2	31.6	94.7





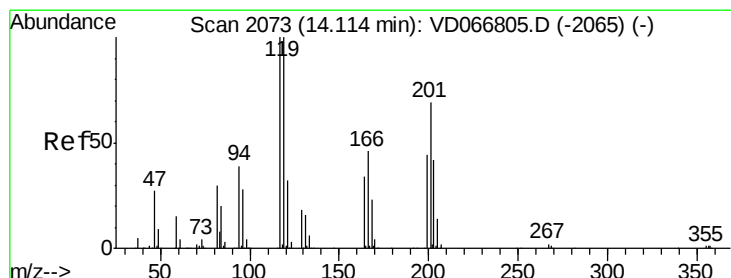
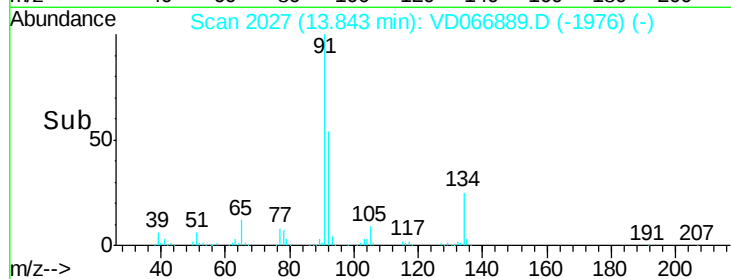
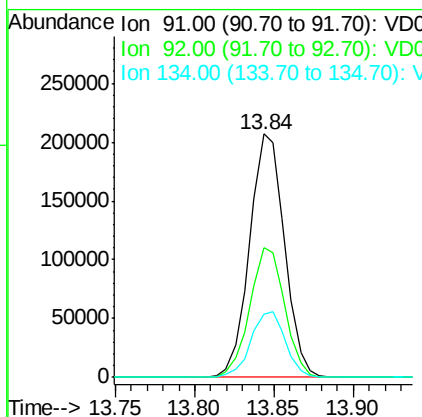
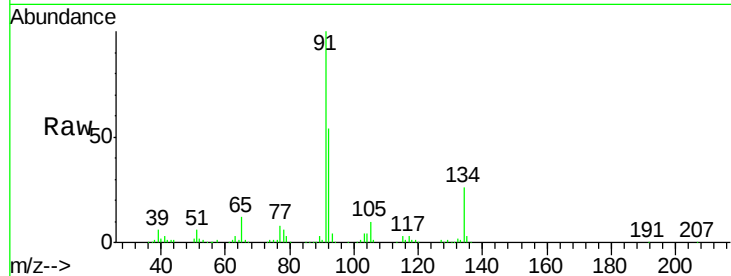
#89
n-Butylbenzene
Concen: 19.130 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.3	26.7	80.0	
134	26.5	13.1	39.1	

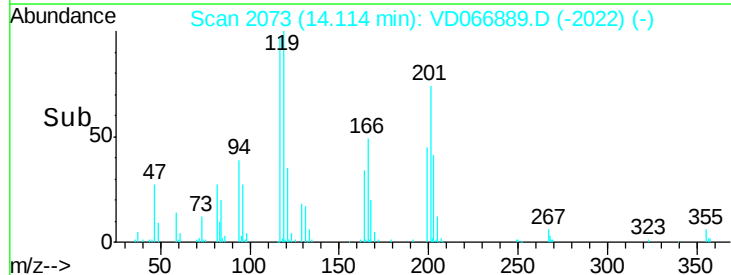
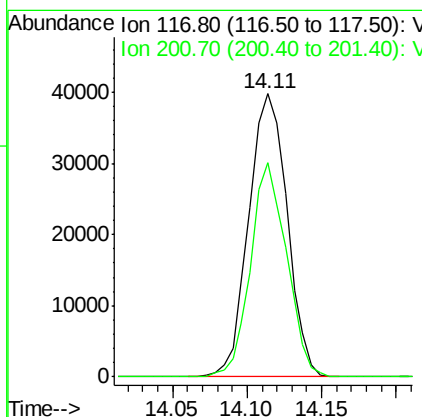
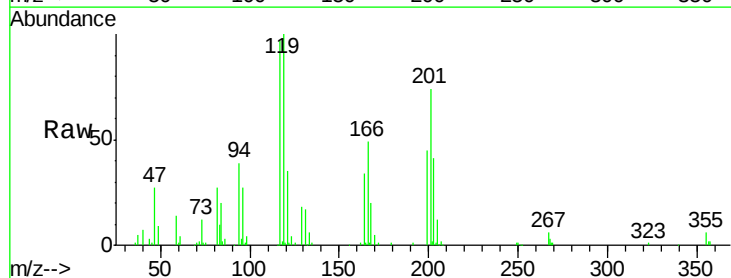
Manual Integrations
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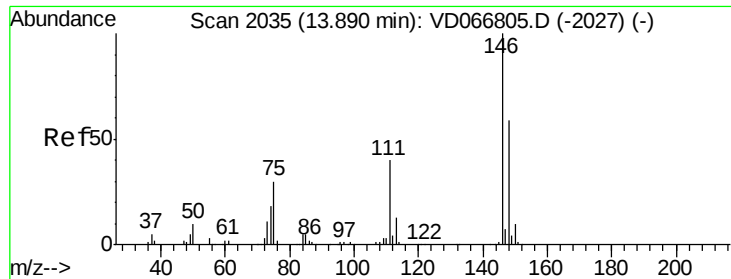
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#90
Hexachloroethane
Concen: 20.019 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	70.9	33.7	101.0	





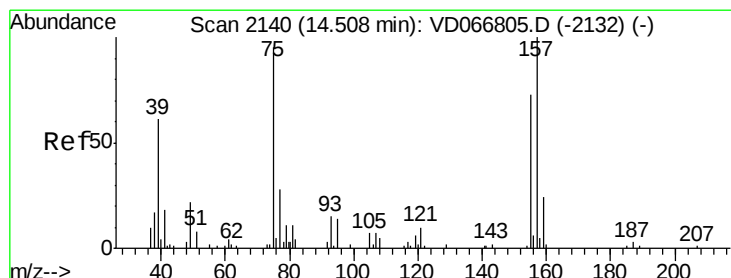
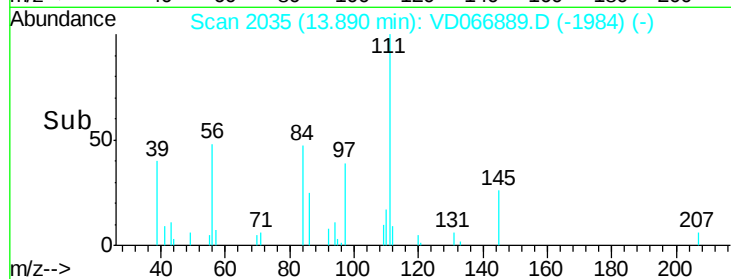
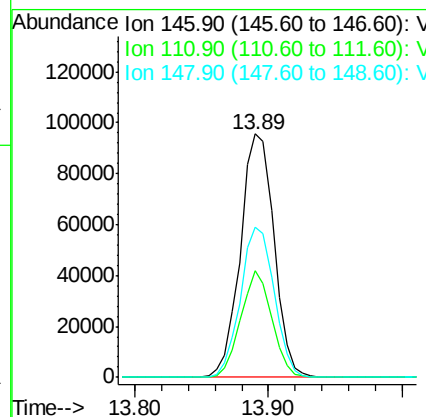
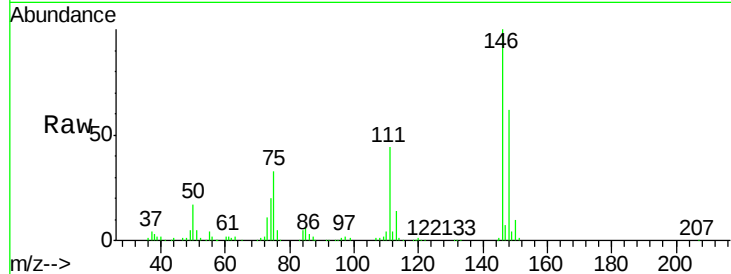
#91
 1,2-Dichlorobenzene
 Concen: 21.744 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.9	62.7
148	62.4	31.8	95.3

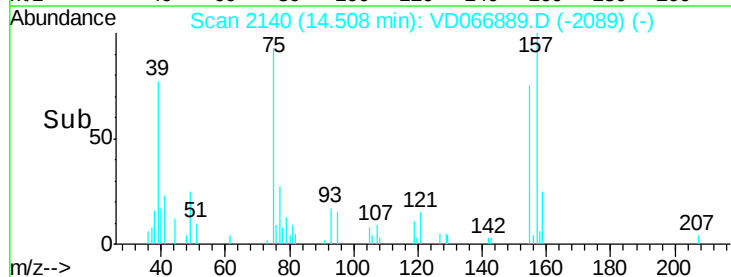
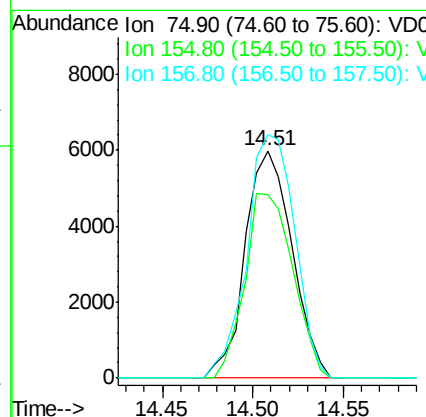
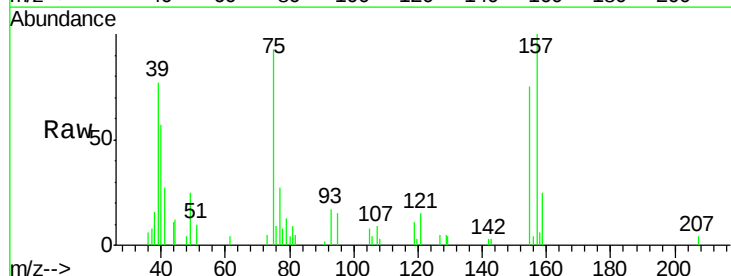
Manual Integrations
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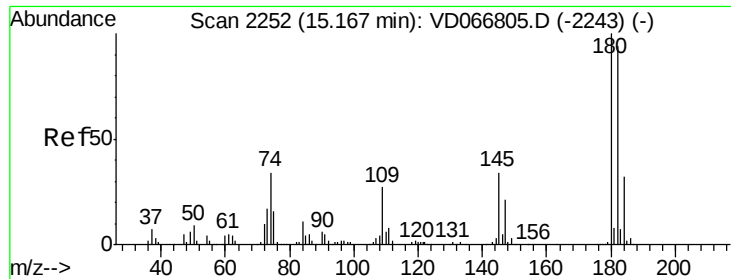
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.190 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	40.4	121.2
157	109.6	51.3	153.9





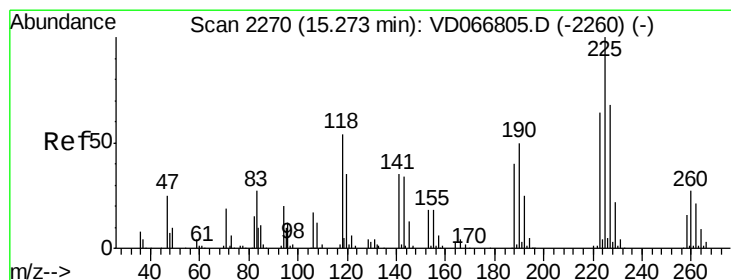
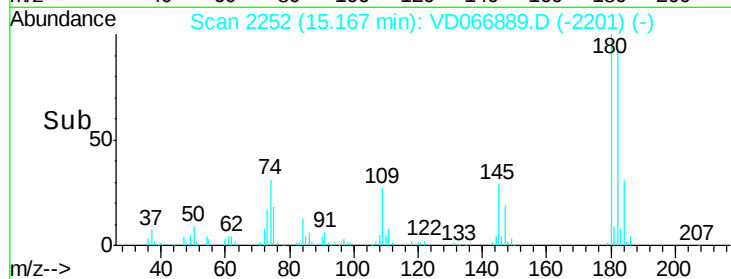
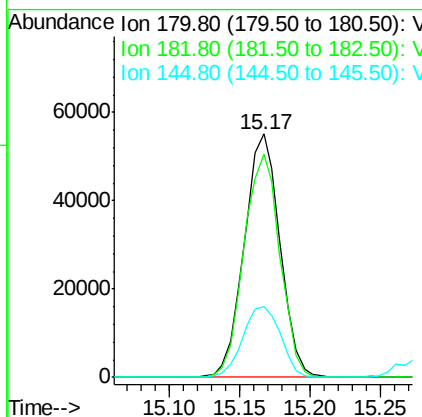
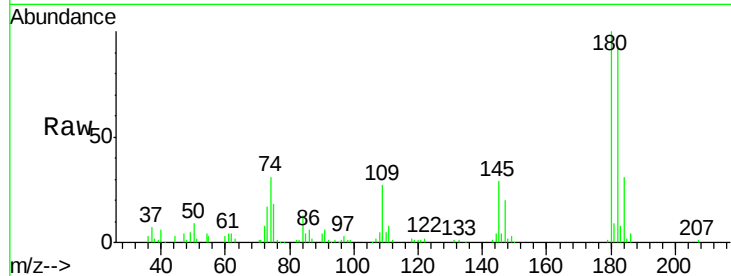
#93
 1,2,4-Trichlorobenzene
 Concen: 20.384 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	97790		
182	92.5	48.8	146.3	
145	30.8	16.7	50.0	

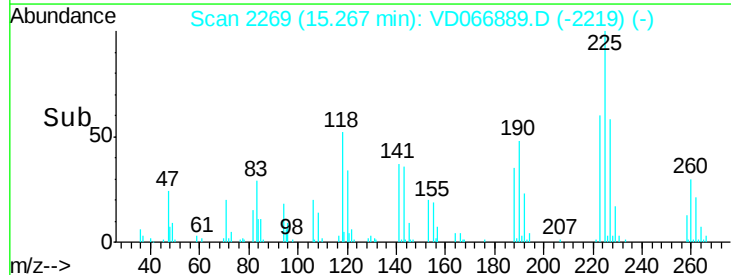
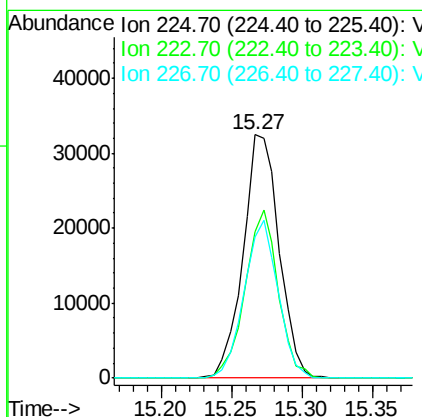
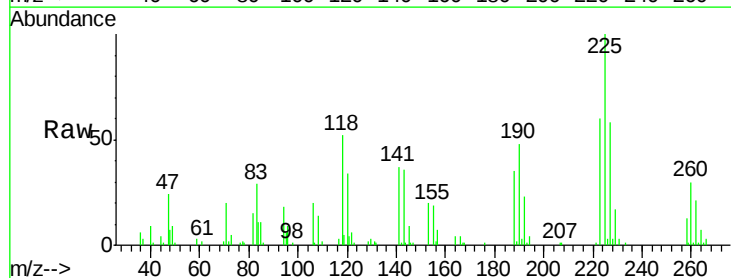
Manual Integrations
 APPROVED

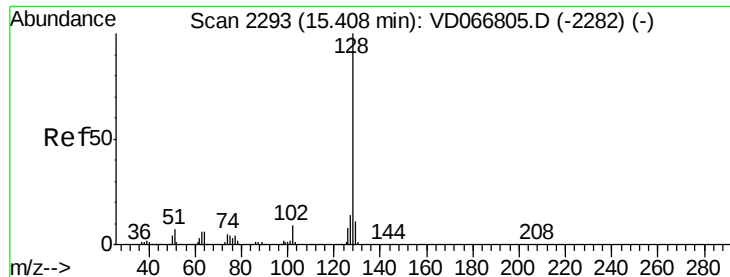
MMDadoda
 9/29/2020 11:45:29 AM



#94
 Hexachlorobutadiene
 Concen: 20.192 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58047		
223	63.7	31.1	93.3	
227	61.0	31.7	95.1	





#95

Naphthalene

Concen: 20.430 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

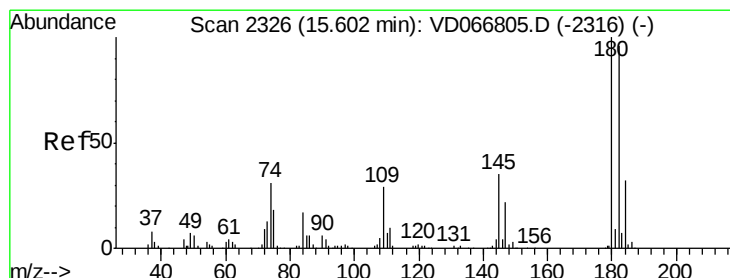
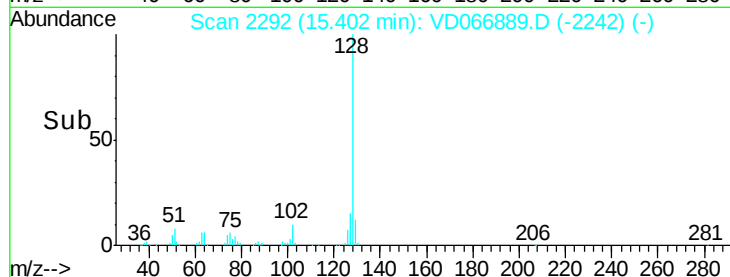
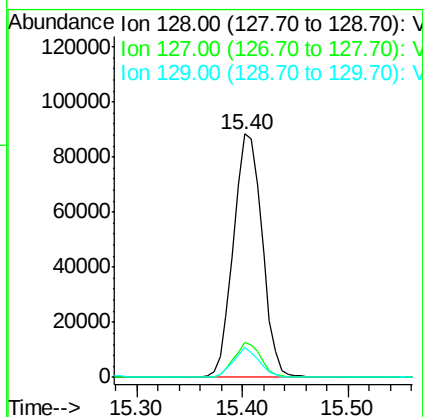
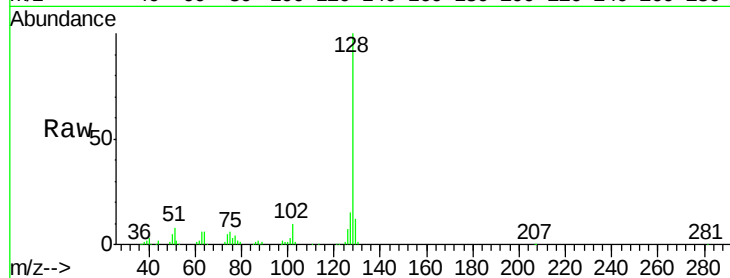
ClientSampleId :

VD0925SBS02

Tot Ion:	128	Resp:	166395
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	16.0
129	10.8	8.9	13.3

Manual Integrations
APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 20.587 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion:	180	Resp:	85243
Ion Ratio	Lower	Upper	
180	100		
182	94.1	46.8	140.3
145	34.4	17.0	51.0

