

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067784.D
 Acq On : 25 Nov 2020 13:54
 Operator : VA/SY
 Sample : VD1125SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/30/2020 9:59:00 AM

Quant Time: Nov 26 02:00:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	254575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	367132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	336425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	168989	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	135135	54.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.18%
35) Dibromofluoromethane	7.92	113	128731	55.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.20%
50) Toluene-d8	10.34	98	462337	54.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.24%
62) 4-Bromofluorobenzene	12.64	95	157508	53.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	41108	18.555	ug/l	95
3) Chloromethane	2.21	50	26203	21.245	ug/l	96
4) Vinyl Chloride	2.35	62	29069	18.809	ug/l	91
5) Bromomethane	2.76	94	27134	20.607	ug/l	93
6) Chloroethane	2.92	64	20728	20.124	ug/l	99
7) Trichlorofluoromethane	3.27	101	91030	19.302	ug/l	92
8) Diethyl Ether	3.71	74	18638	19.574	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	43402	19.218	ug/l	97
10) Methyl Iodide	4.30	142	42495	18.384	ug/l	99
11) Tert butyl alcohol	5.23	59	19107	126.168	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	40588	19.423	ug/l	95
13) Acrolein	3.91	56	11350	110.626	ug/l	93
14) Allyl chloride	4.72	41	39836	19.721	ug/l	98
15) Acrylonitrile	5.42	53	34220	103.185	ug/l	100
16) Acetone	4.15	43	29929	93.595	ug/l #	83
17) Carbon Disulfide	4.41	76	112481	18.610	ug/l	98
18) Methyl Acetate	4.71	43	12054	18.737	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	85770	19.205	ug/l	98
20) Methylene Chloride	4.97	84	52273	16.790	ug/l	88
21) trans-1,2-Dichloroethene	5.47	96	45052	18.963	ug/l	95
22) Diisopropyl ether	6.36	45	83187	20.862	ug/l	90
23) Vinyl Acetate	6.31	43	226842	100.852	ug/l	97
24) 1,1-Dichloroethane	6.27	63	67870	20.076	ug/l	98
25) 2-Butanone	7.21	43	37060	103.280	ug/l	89
26) 2,2-Dichloropropane	7.21	77	78877	19.778	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	50431	19.915	ug/l	99
28) Bromochloromethane	7.55	49	21022	19.413	ug/l	96
29) Tetrahydrofuran	7.57	42	20941	102.643	ug/l	98
30) Chloroform	7.71	83	91853	20.778	ug/l	93
31) Cyclohexane	7.98	56	56273	18.789	ug/l #	86
32) 1,1,1-Trichloroethane	7.91	97	92677	19.795	ug/l	98
36) 1,1-Dichloropropene	8.11	75	61677	19.578	ug/l	100
37) Ethyl Acetate	7.30	43	16793	19.824	ug/l	97
38) Carbon Tetrachloride	8.10	117	88962	19.481	ug/l	94

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	70345	18.868	ug/l	91
40) Benzene	8.36	78	174715	20.193	ug/l	100
41) Methacrylonitrile	7.53	41	8015	18.529	ug/l #	82
42) 1,2-Dichloroethane	8.43	62	58835	20.040	ug/l	99
43) Isopropyl Acetate	8.46	43	33639	19.885	ug/l	97
44) Trichloroethene	9.12	130	56647	19.754	ug/l	95
45) 1,2-Dichloropropane	9.39	63	35467	19.977	ug/l	100
46) Dibromomethane	9.48	93	24275	20.083	ug/l	95
47) Bromodichloromethane	9.67	83	70379	20.910	ug/l	100
48) Methyl methacrylate	9.46	41	14823	17.526	ug/l	93
49) 1,4-Dioxane	9.46	88	5568	425.067	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	77924	97.889	ug/l	97
52) Toluene	10.41	92	121831	20.756	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	60247	20.488	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	64913	19.506	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	33129	20.427	ug/l	91
56) Ethyl methacrylate	10.66	69	33439	19.915	ug/l	98
57) 1,3-Dichloropropane	10.95	76	51704	20.220	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.95	63	73039	93.097	ug/l	100
59) 2-Hexanone	10.99	43	52214	92.902	ug/l	100
60) Dibromochloromethane	11.14	129	51064	20.662	ug/l	99
61) 1,2-Dibromoethane	11.26	107	31915	19.972	ug/l	98
64) Tetrachloroethene	10.88	164	53314	20.418	ug/l	94
65) Chlorobenzene	11.67	112	133368	20.170	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	57183	21.379	ug/l	98
67) Ethyl Benzene	11.75	91	229458	20.101	ug/l	99
68) m/p-Xylenes	11.86	106	184793	41.600	ug/l	98
69) o-Xylene	12.18	106	82633	20.431	ug/l	99
70) Styrene	12.20	104	143485	20.828	ug/l	99
71) Bromoform	12.36	173	29532	20.339	ug/l #	100
73) Isopropylbenzene	12.48	105	232811	20.938	ug/l	100
74) N-amyl acetate	12.29	43	28734	19.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	30246	20.269	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	19214m	16.314	ug/l	
77) Bromobenzene	12.77	156	58598	21.053	ug/l	98
78) n-propylbenzene	12.83	91	261915	21.173	ug/l	99
79) 2-Chlorotoluene	12.91	91	153577	20.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	204993	21.197	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	9189	18.248	ug/l	91
82) 4-Chlorotoluene	13.01	91	166238	21.302	ug/l	99
83) tert-Butylbenzene	13.23	119	164646	19.813	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	205678	21.290	ug/l	98
85) sec-Butylbenzene	13.40	105	228127	20.896	ug/l	100
86) p-Isopropyltoluene	13.52	119	221156	20.915	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	111300	20.662	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	110730	20.752	ug/l	97
89) n-Butylbenzene	13.85	91	183361	20.235	ug/l	98
90) Hexachloroethane	14.11	117	40309	20.025	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	97662	21.046	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5728	17.805	ug/l	86

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ClientSampleId :
VD1125SBSD01

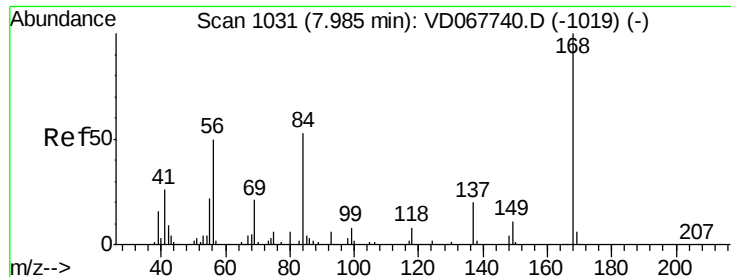
Manual Integrations
APPROVED

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Quant Time: Nov 26 02:00:55 2020
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	65516	19.940	ug/l	98
94) Hexachlorobutadiene	15.27	225	43413	20.680	ug/l	97
95) Naphthalene	15.40	128	105532	19.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	58034	20.736	ug/l	98

(#) = 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. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion:168 Resp: 254575

Ion Ratio Lower Upper

168 100

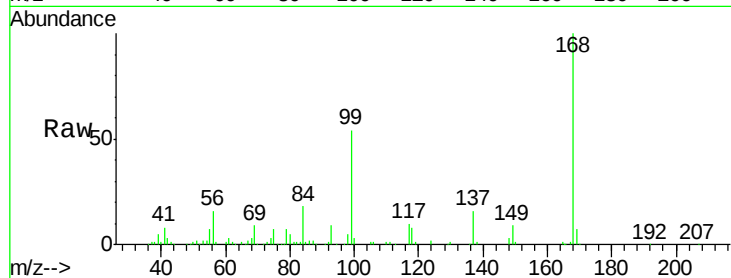
99 53.7 43.8 65.8

Manual Integrations

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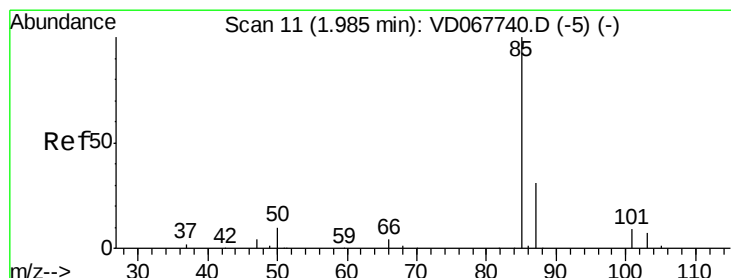
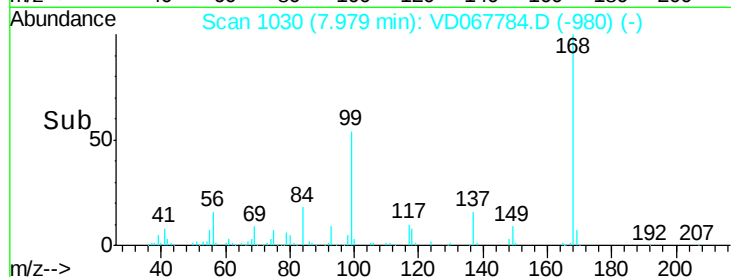
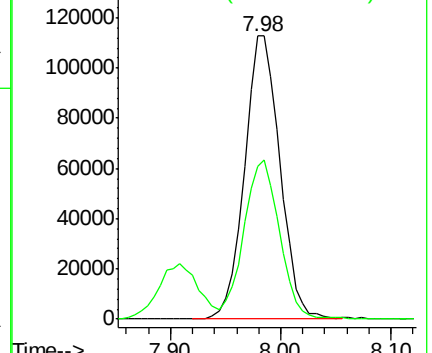
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 18.555 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067784.D

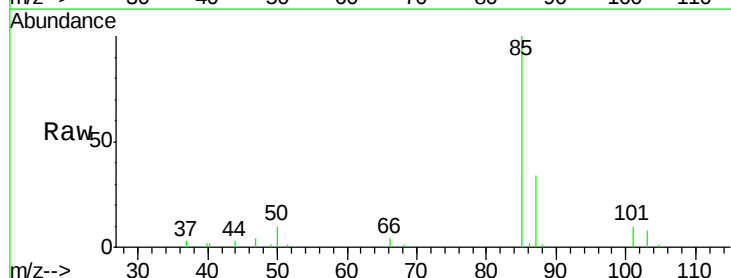
Acq: 25 Nov 2020 13:54

Tgt Ion: 85 Resp: 41108

Ion Ratio Lower Upper

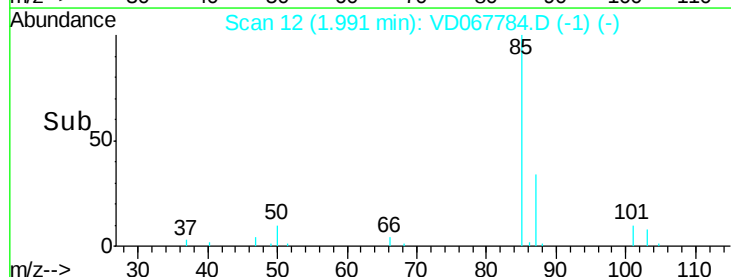
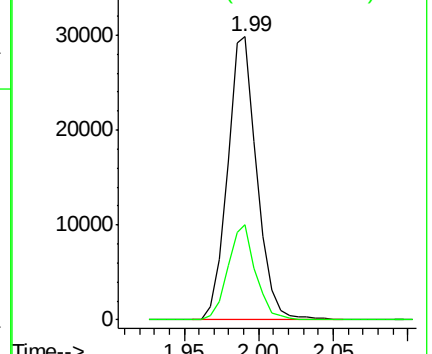
85 100

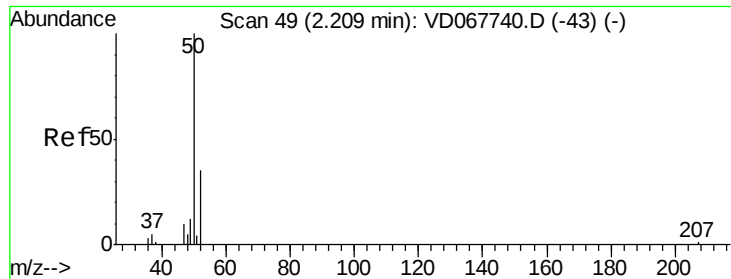
87 33.6 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.245 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBSD01

Tot Ion: 50 Resp: 26203

Ion Ratio Lower Upper

50 100

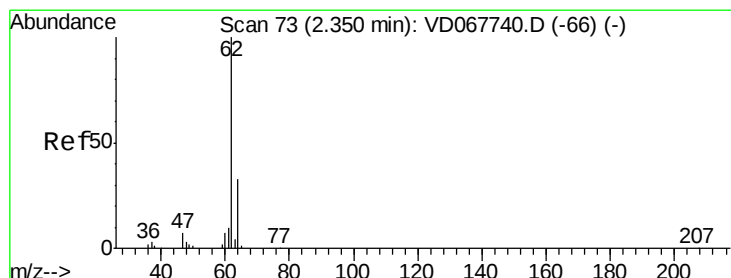
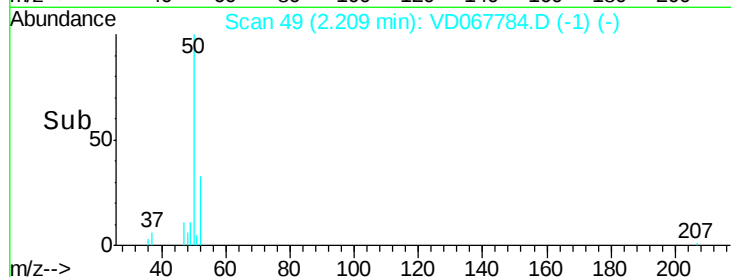
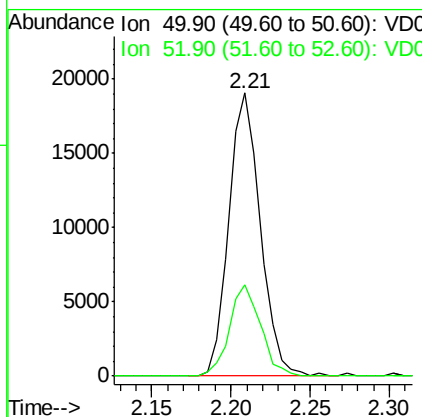
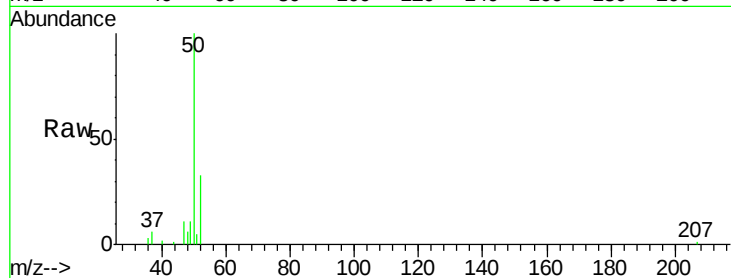
52 32.5 27.8 41.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.809 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067784.D

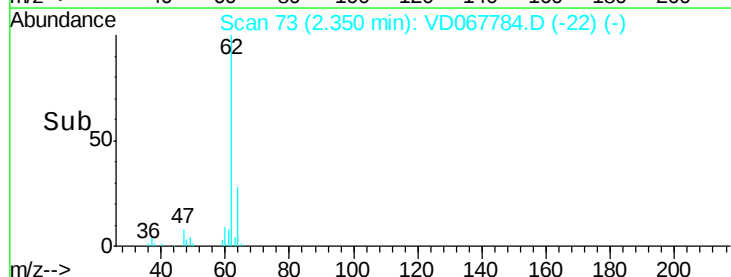
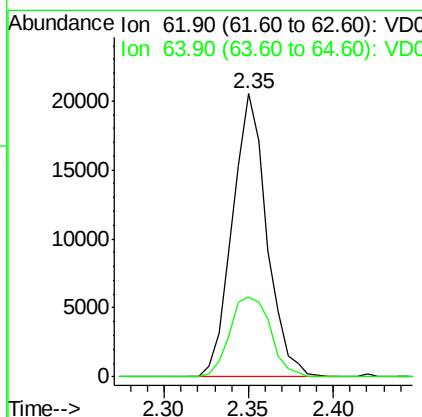
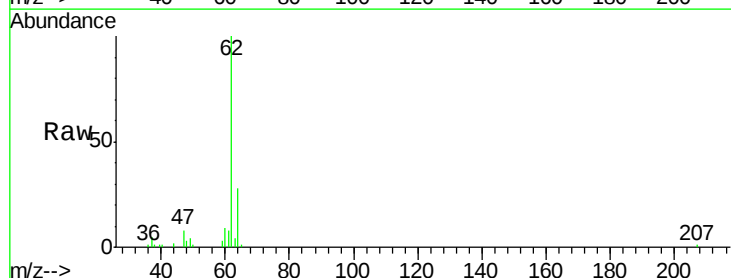
Acq: 25 Nov 2020 13:54

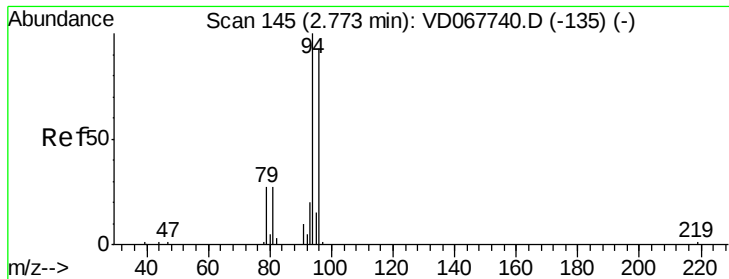
Tgt Ion: 62 Resp: 29069

Ion Ratio Lower Upper

62 100

64 28.4 26.6 40.0





#5

Bromomethane

Concen: 20.607 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 94 Resp: 27134

Ion Ratio Lower Upper

94 100

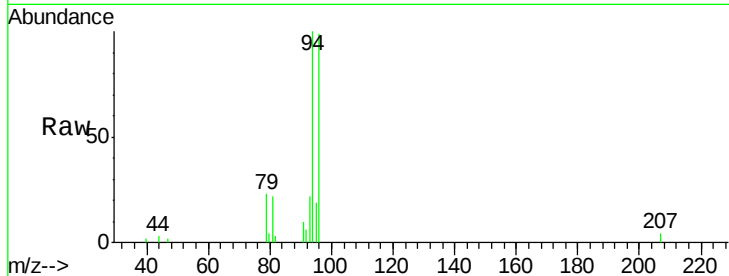
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Manual Integrations

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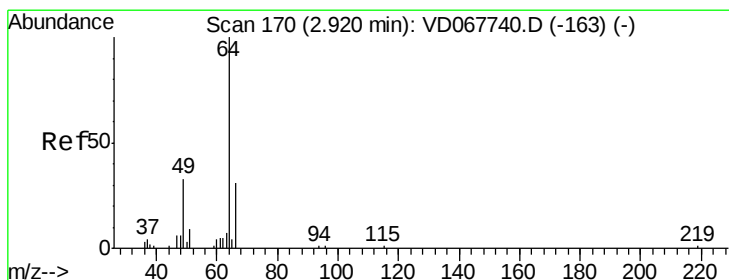
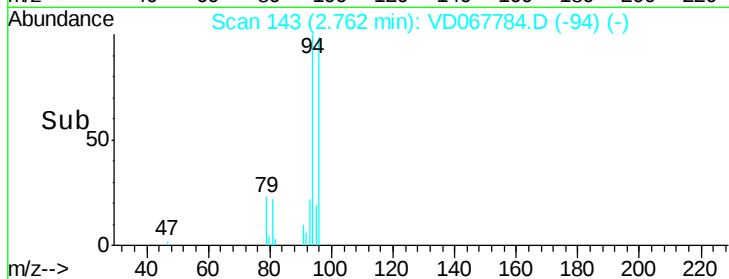
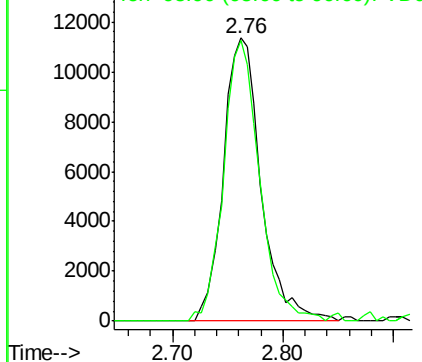
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.124 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067784.D

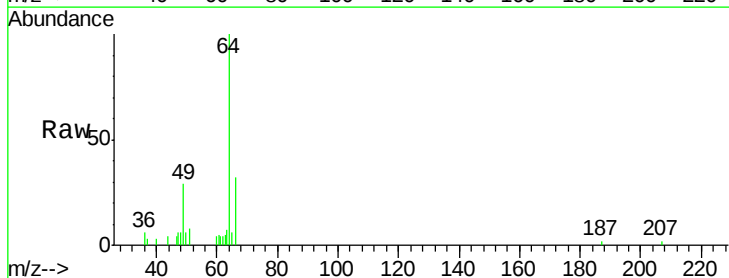
Acq: 25 Nov 2020 13:54

Tgt Ion: 64 Resp: 20728

Ion Ratio Lower Upper

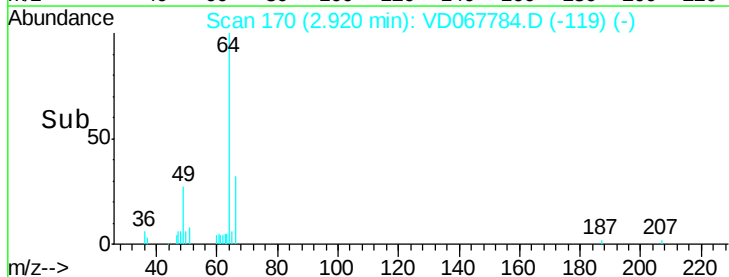
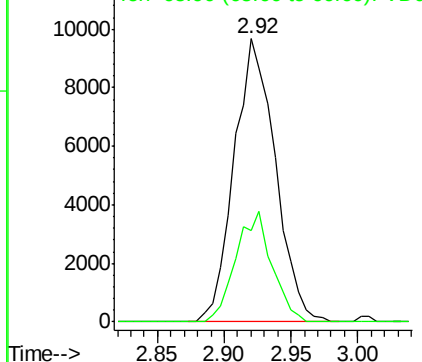
64 100

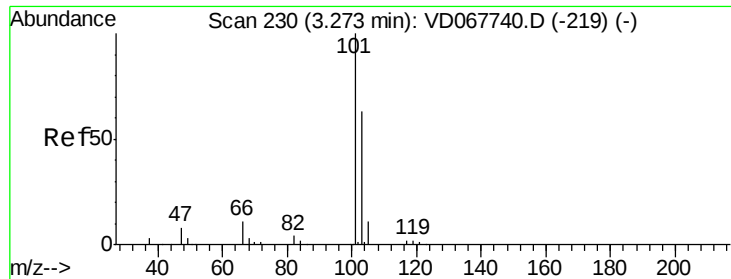
66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

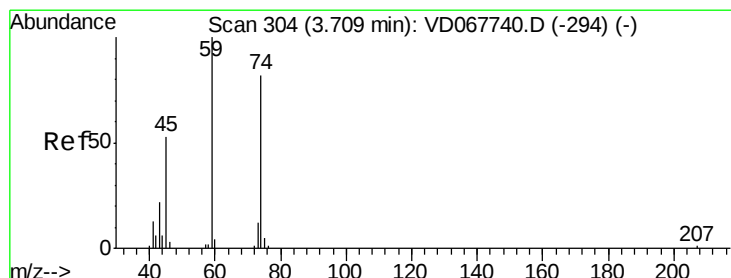
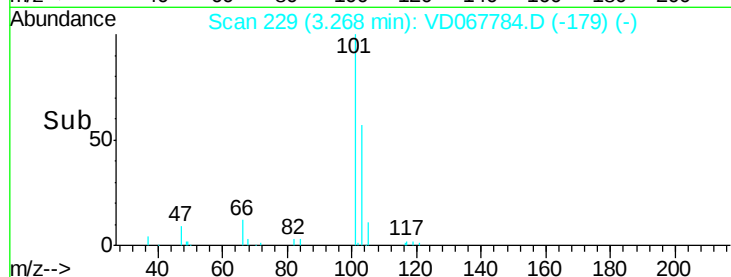
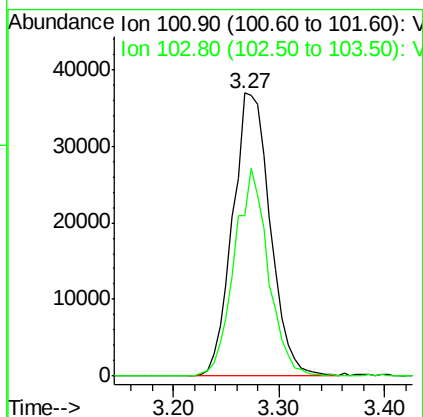
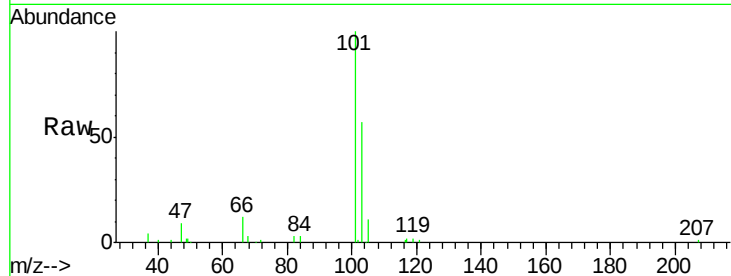
Trichlorofluoromethane
Concen: 19.302 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

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VD1125SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		91030		
103	56.8	50.3	75.5		

Manual Integrations
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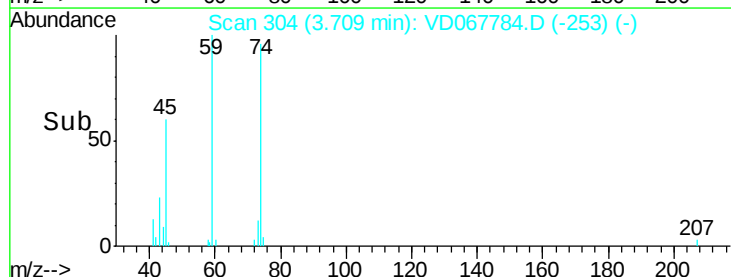
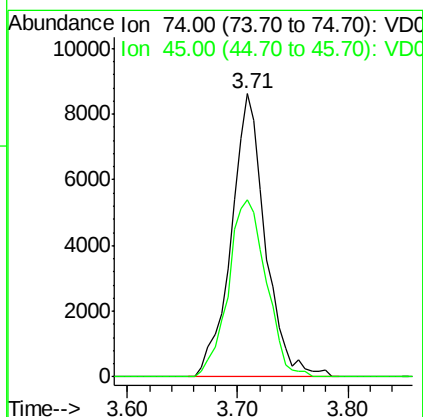
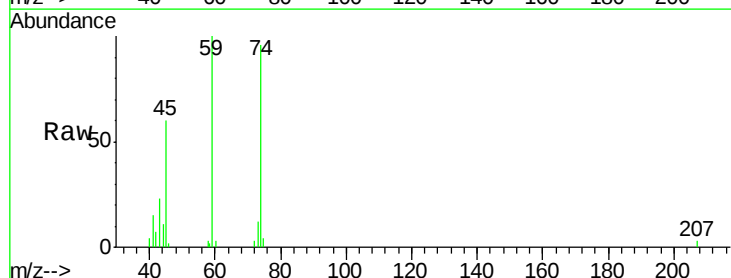
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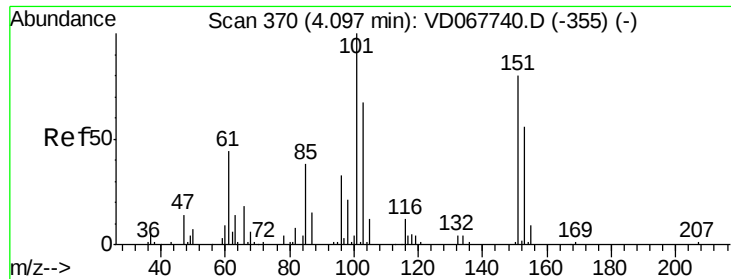


#8

Diethyl Ether
Concen: 19.574 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		18638		
45	69.5	35.9	107.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.218 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

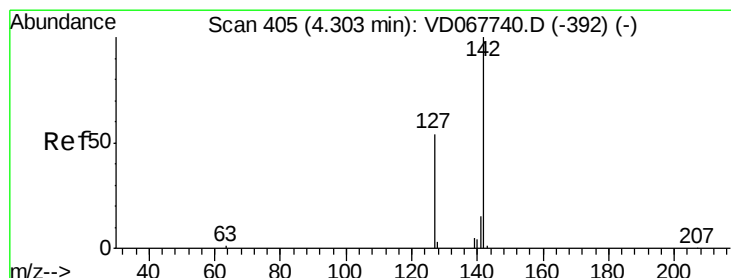
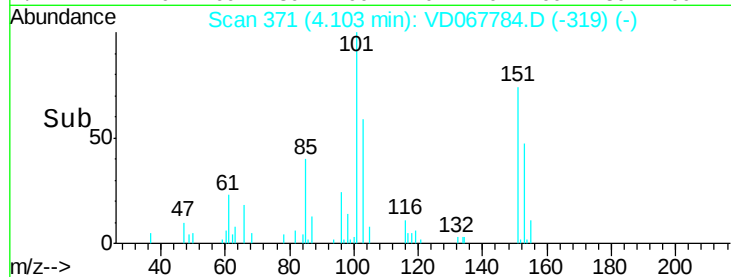
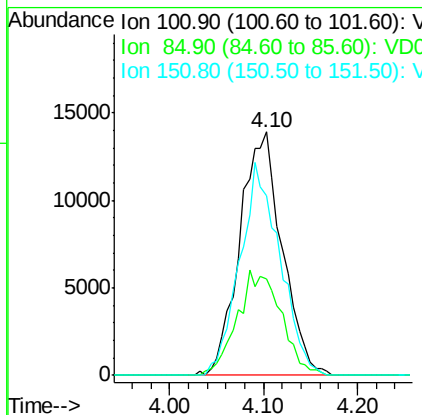
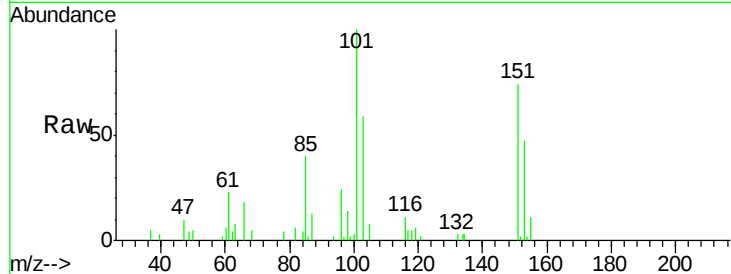
ClientSampleId :

VD1125SBS01

Tot Ion:	101	Resp:	43402
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.5	53.3
151	82.9	69.4	104.0

Manual Integrations
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11/30/2020 9:59:00 AM



#10

Methyl Iodide

Concen: 18.384 ug/l

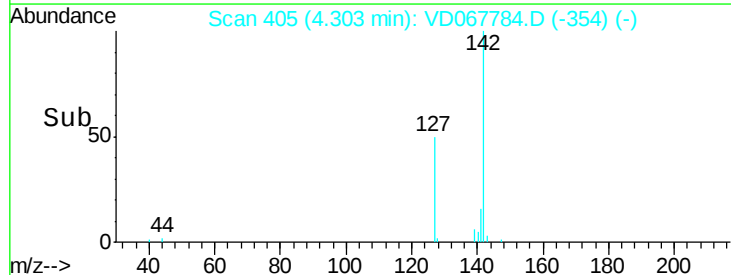
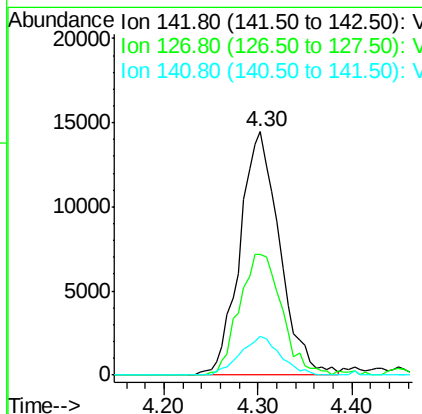
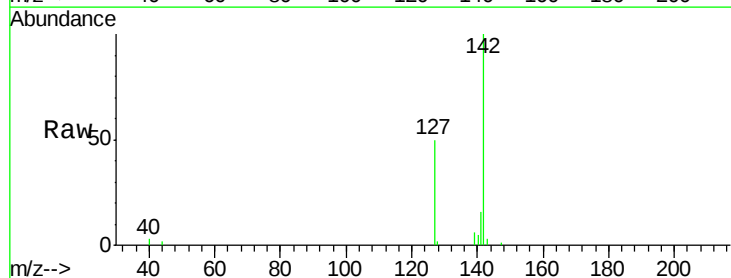
RT: 4.30 min Scan# 405

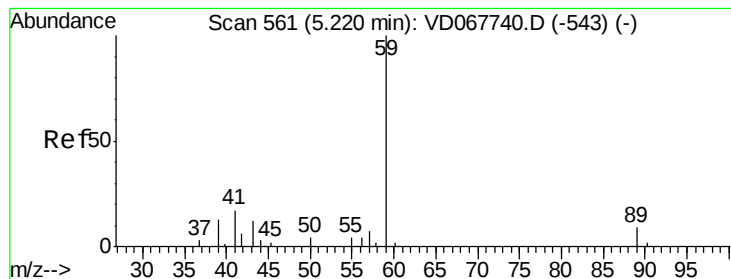
Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Tgt Ion:	142	Resp:	42495
Ion Ratio	Lower	Upper	
142	100		
127	52.8	42.2	63.2
141	16.0	11.8	17.6





#11

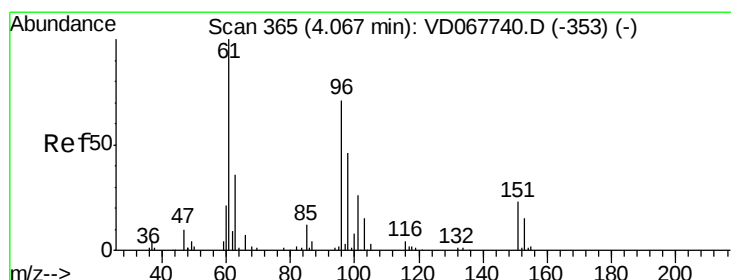
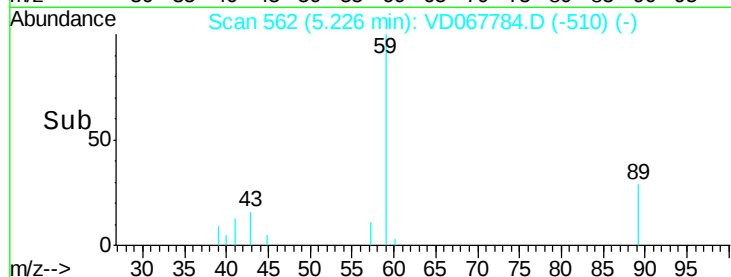
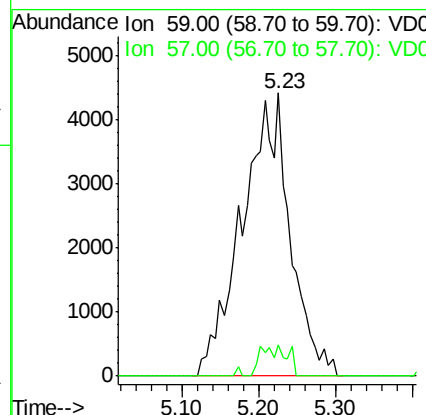
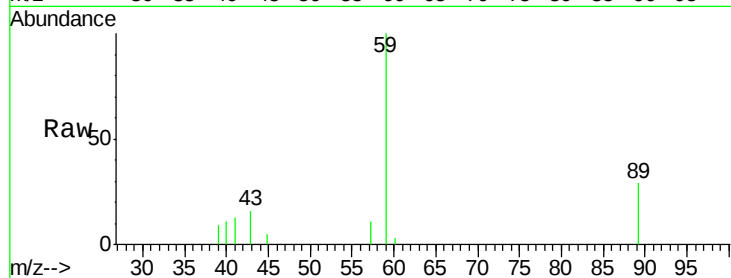
Tert butyl alcohol
Concen: 126.168 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion: 59 Resp: 19107
Ion Ratio Lower Upper
59 100
57 6.0 3.4 5.0#

Manual Integrations
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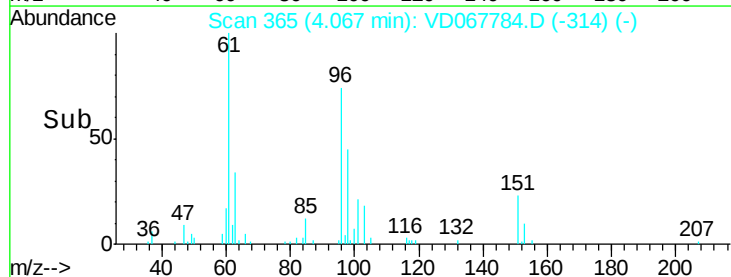
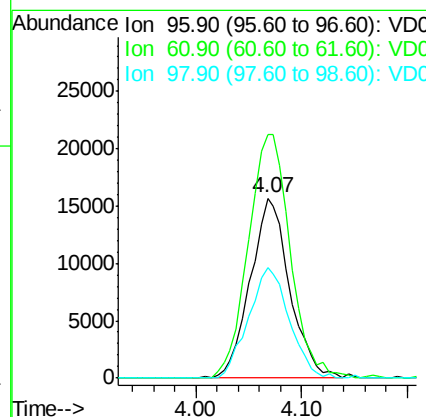
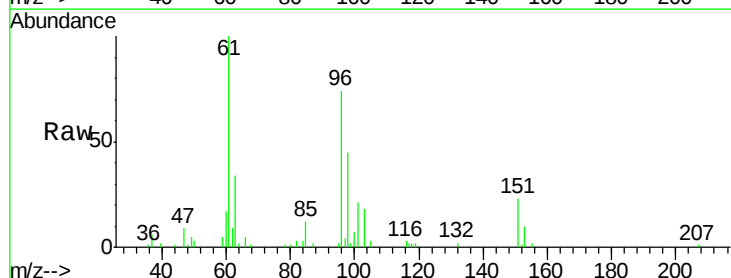
MMDadoda
11/30/2020 9:59:00 AM

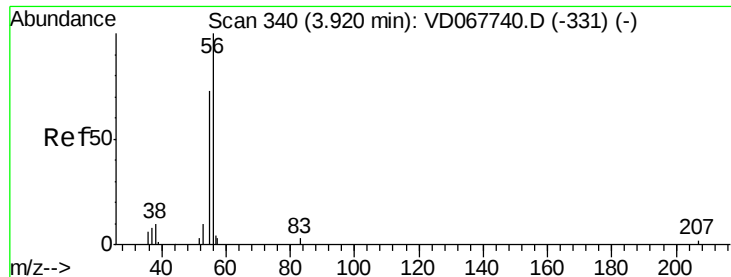


#12

1,1-Dichloroethene
Concen: 19.423 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion: 96 Resp: 40588
Ion Ratio Lower Upper
96 100
61 135.4 112.9 169.3
98 61.1 52.4 78.6





#13

Acrolein

Concen: 110.626 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 56 Resp: 11350

Ion Ratio Lower Upper

56 100

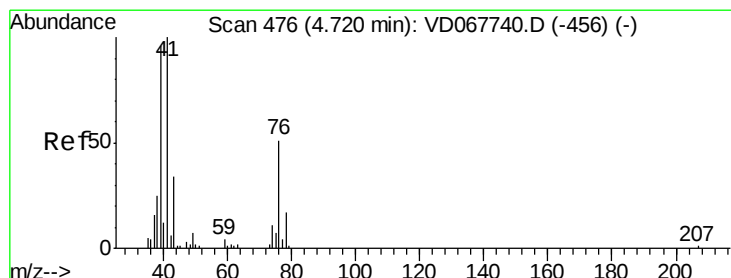
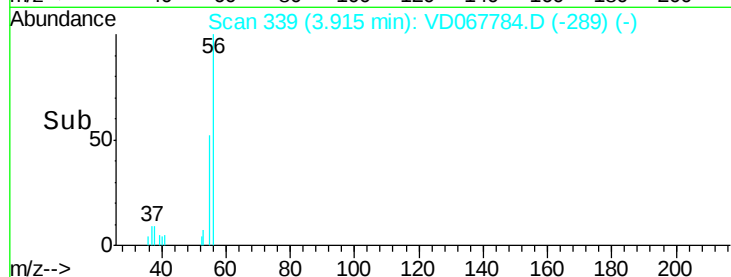
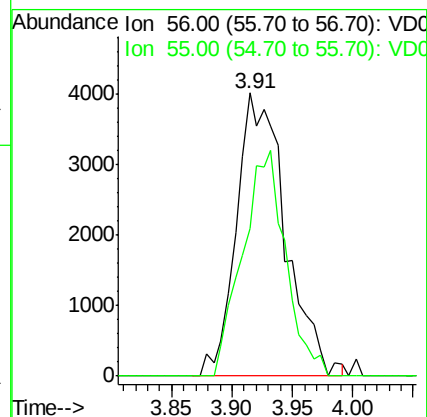
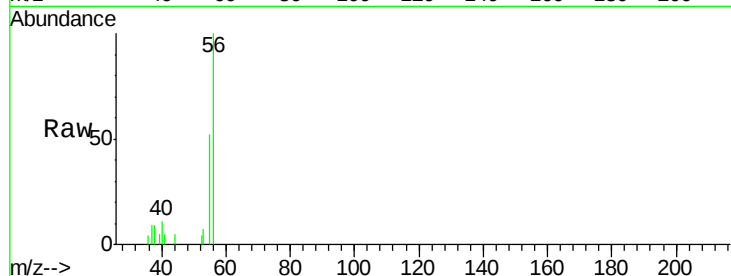
55 70.2 61.2 91.8

Manual Integrations

APPROVED

MMDadoda

11/30/2020 9:59:00 AM



#14

Allyl chloride

Concen: 19.721 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

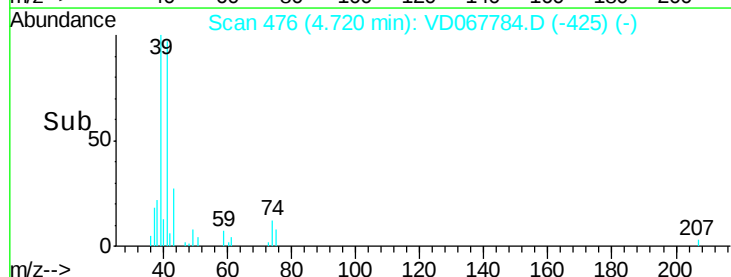
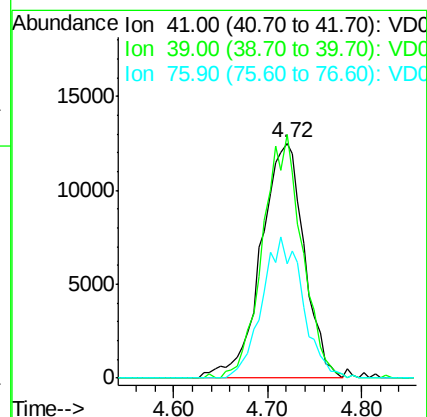
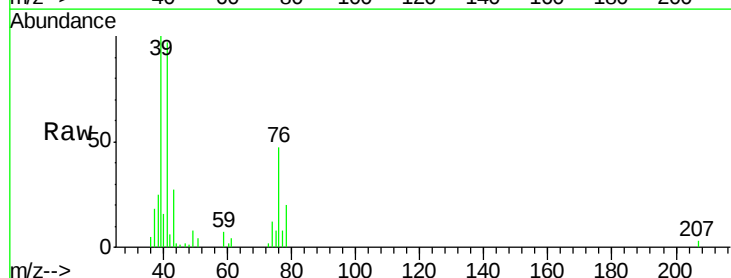
Tgt Ion: 41 Resp: 39836

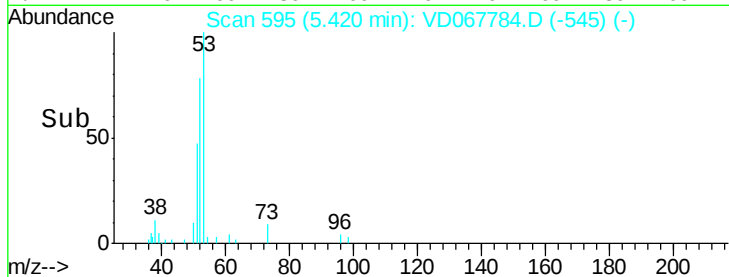
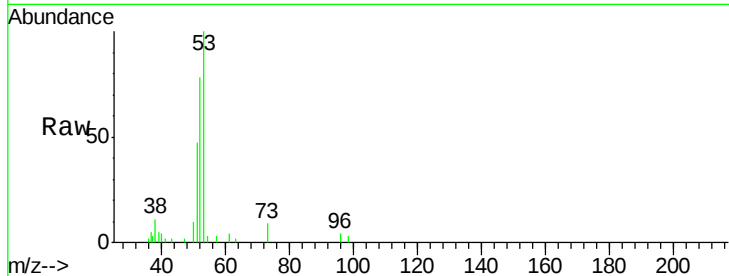
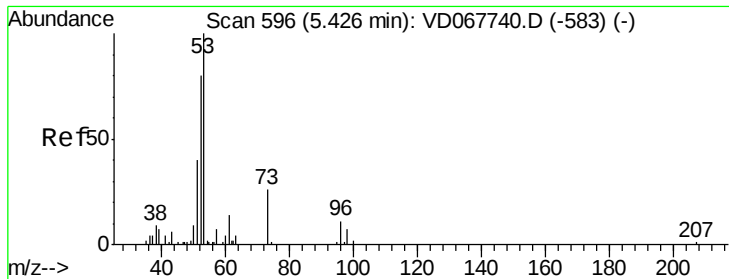
Ion Ratio Lower Upper

41 100

39 94.8 74.6 111.8

76 56.6 43.3 64.9





#15

Acrylonitrile

Concen: 103.185 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Tot Ion:	53	Resp:	34220
Ion	Ratio	Lower	Upper
53	100		
52	79.4	63.4	95.2
51	38.7	31.4	47.2

Instrument :

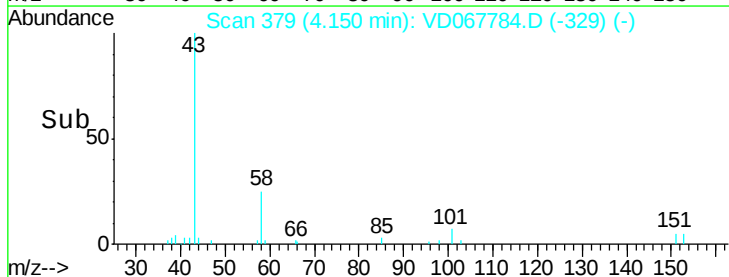
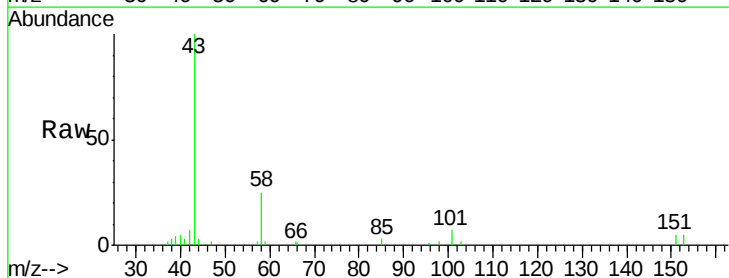
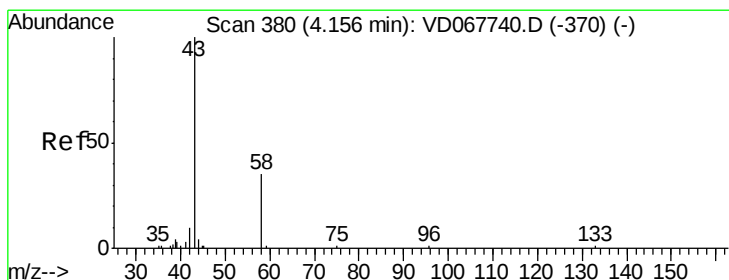
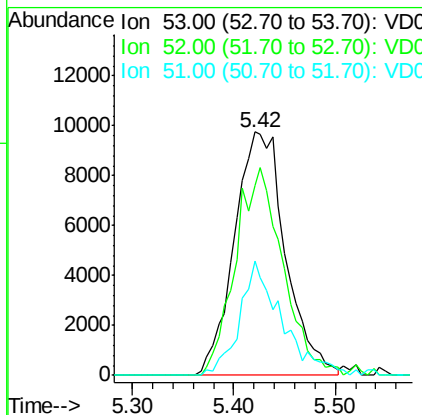
MSVOA_D

ClientSampleId :

VD1125SBS01

Manual Integrations
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MMDadoda
11/30/2020 9:59:00 AM



#16

Acetone

Concen: 93.595 ug/l

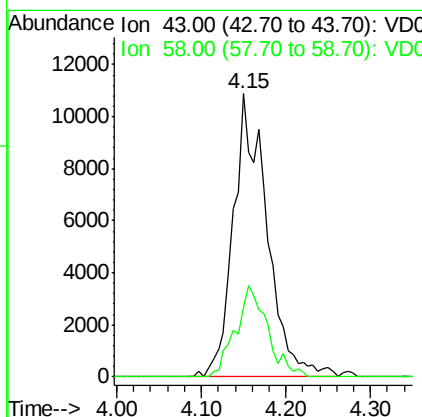
RT: 4.15 min Scan# 379

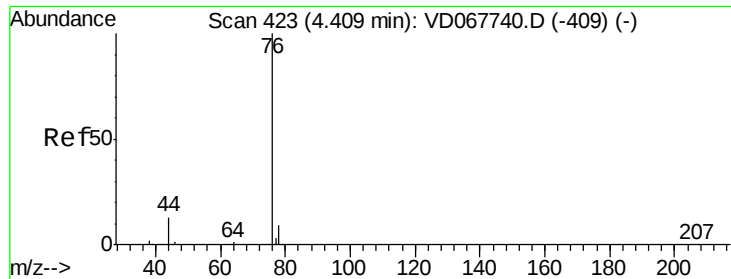
Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Tgt Ion:	43	Resp:	29929
Ion	Ratio	Lower	Upper
43	100		
58	24.8	27.6	41.4#





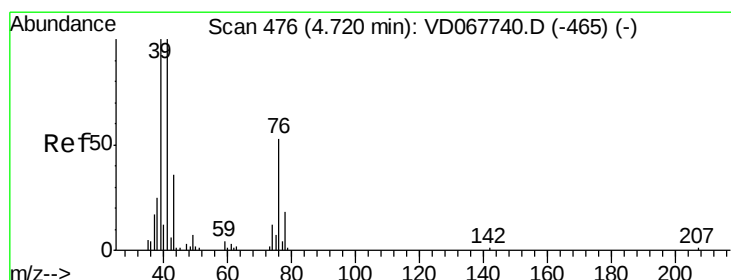
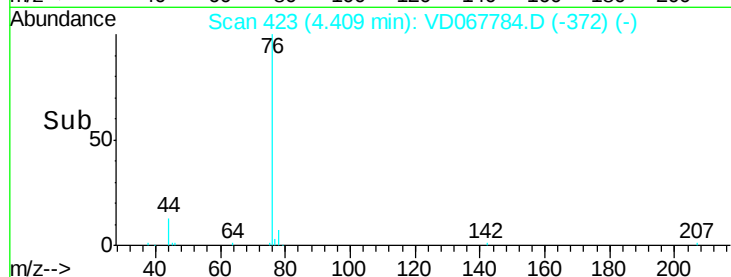
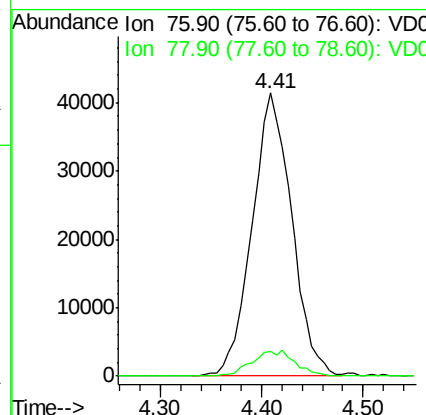
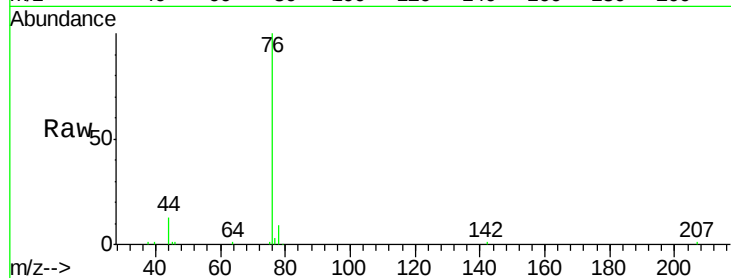
#17
Carbon Disulfide
Concen: 18.610 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

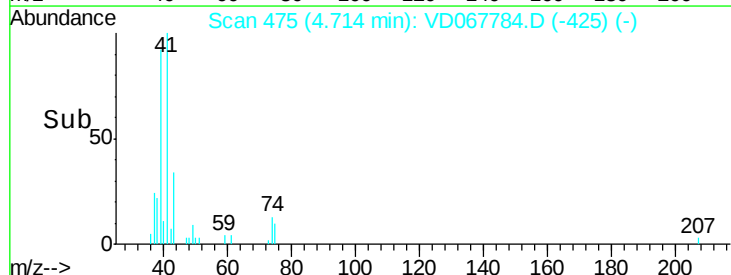
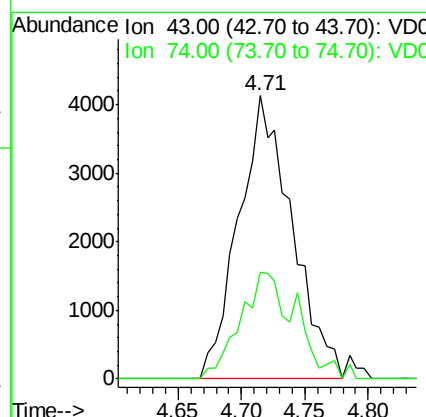
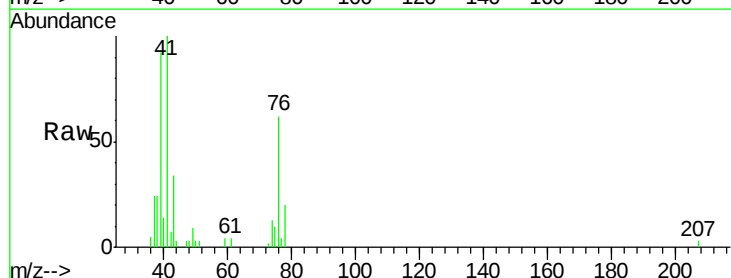
Manual Integrations
APPROVED

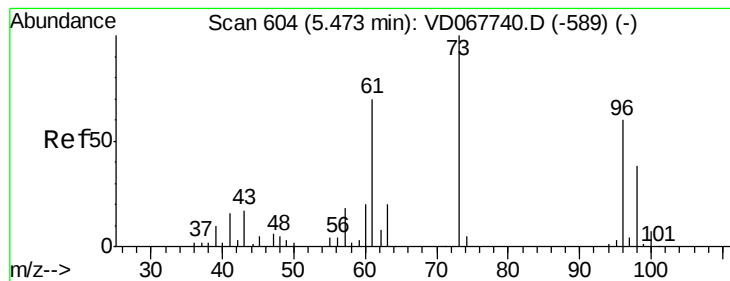
MMDadoda
11/30/2020 9:59:00 AM



#18
Methyl Acetate
Concen: 18.737 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	40.0	29.7	44.5





#19

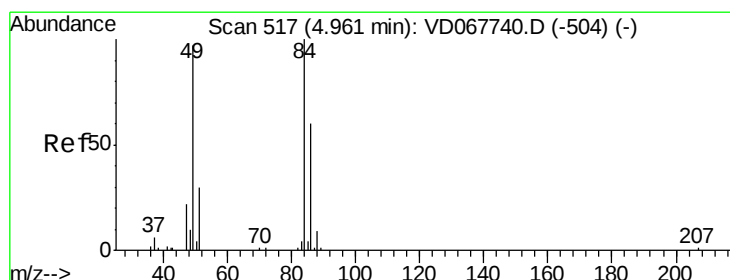
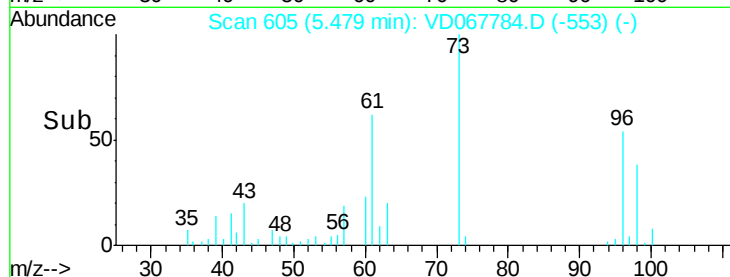
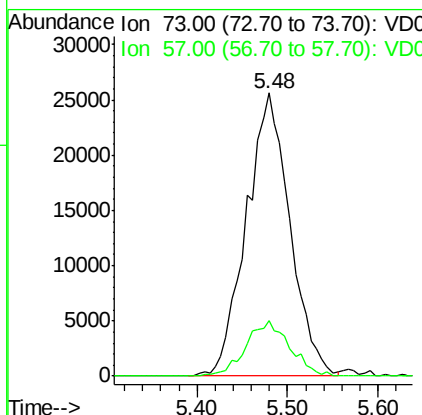
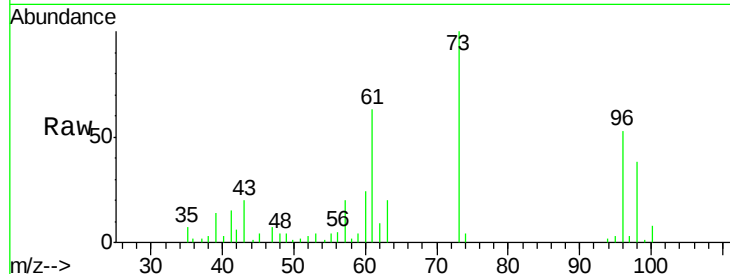
Methyl tert-butyl Ether
 Concen: 19.205 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion: 73 Resp: 85770
 Ion Ratio Lower Upper
 73 100
 57 19.5 14.8 22.2

Manual Integrations
 APPROVED

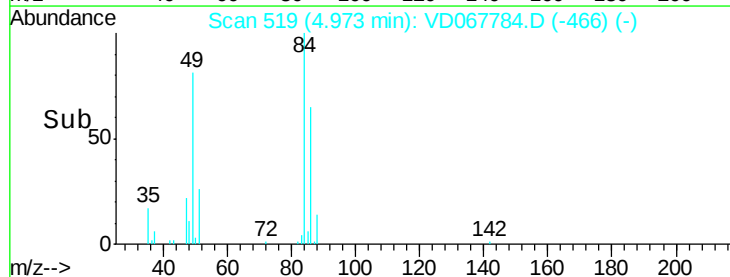
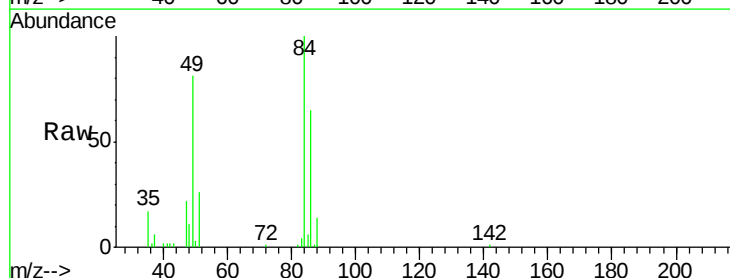
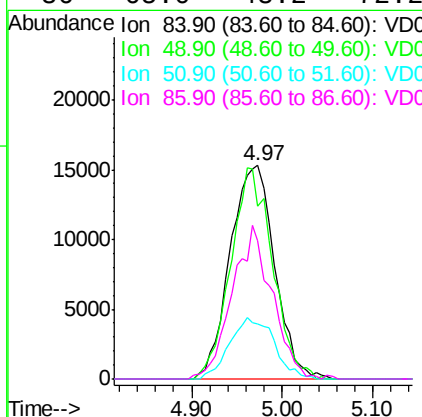
MMDadoda
 11/30/2020 9:59:00 AM

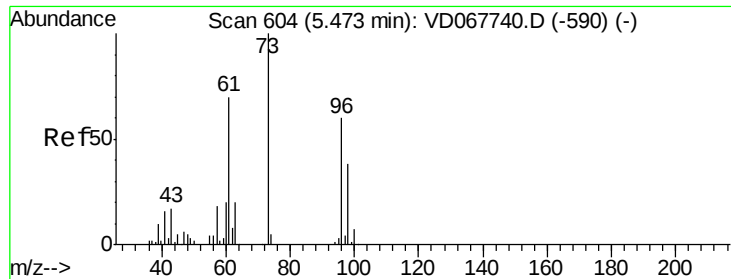


#20

Methylene Chloride
 Concen: 16.790 ug/l
 RT: 4.97 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion: 84 Resp: 52273
 Ion Ratio Lower Upper
 84 100
 49 81.0 77.4 116.2
 51 26.0 24.1 36.1
 86 65.0 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 18.963 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

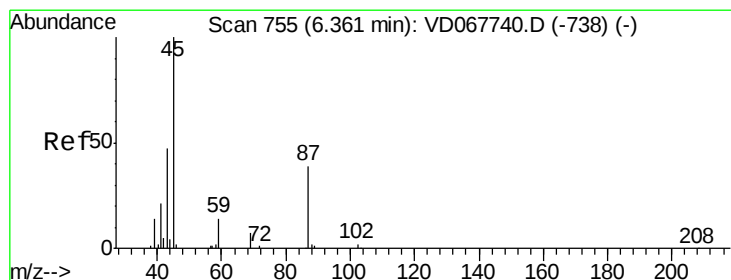
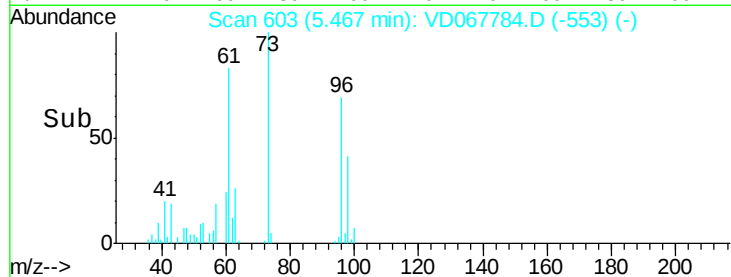
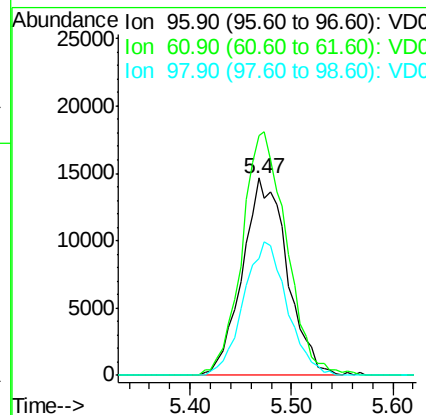
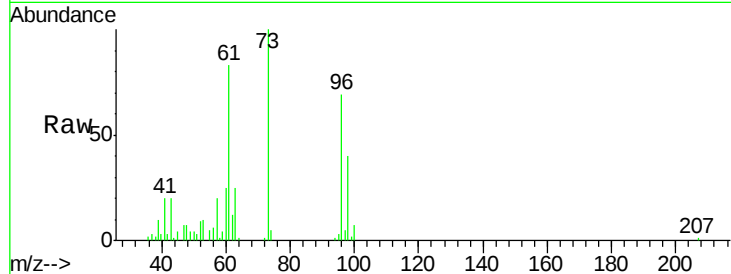
ClientSampleId :

VD1125SBS01

Tot Ion:	96	Resp:	45052
Ion	Ratio	Lower	Upper
96	100		
61	121.4	94.0	141.0
98	59.0	51.3	76.9

Manual Integrations
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MMDadoda
11/30/2020 9:59:00 AM



#22

Diisopropyl ether

Concen: 20.862 ug/l

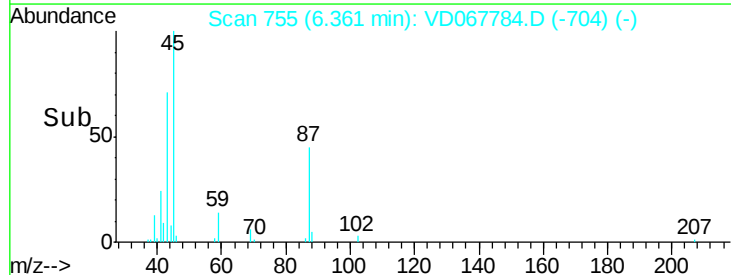
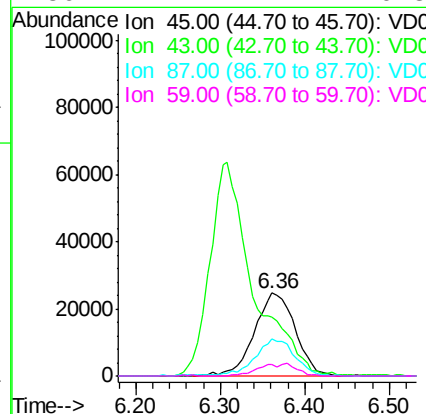
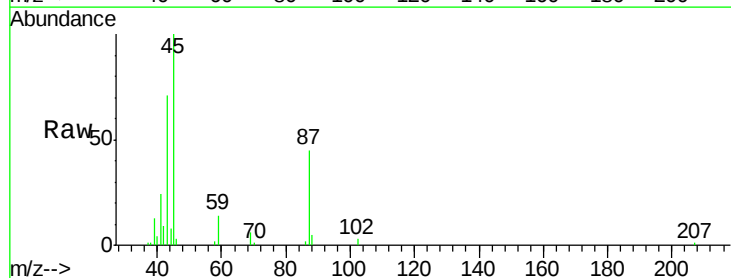
RT: 6.36 min Scan# 755

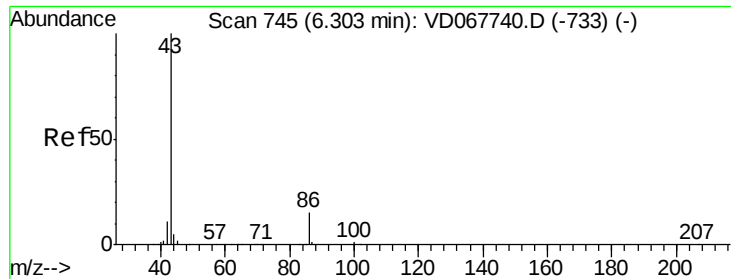
Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Tgt Ion:	45	Resp:	83187
Ion	Ratio	Lower	Upper
45	100		
43	69.4	46.8	70.2
87	44.8	32.9	49.3
59	14.4	11.2	16.8





#23

Vinyl Acetate

Concen: 100.852 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleID :

VD1125SBS01

Tot Ion: 43 Resp: 226842

Ion Ratio Lower Upper

43 100

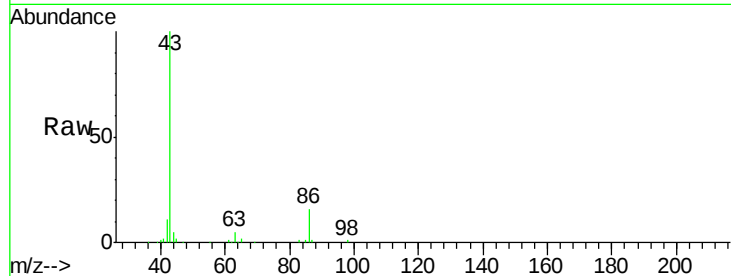
86 15.7 11.7 17.5

Manual Integrations

APPROVED

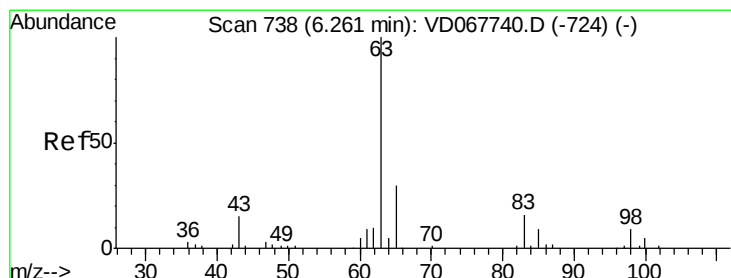
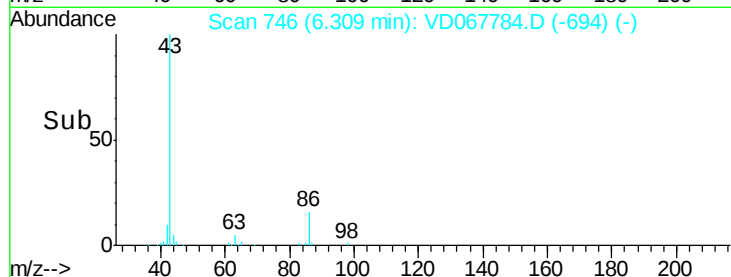
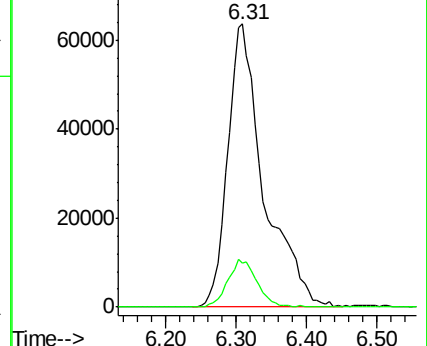
MMDadoda

11/30/2020 9:59:00 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.076 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

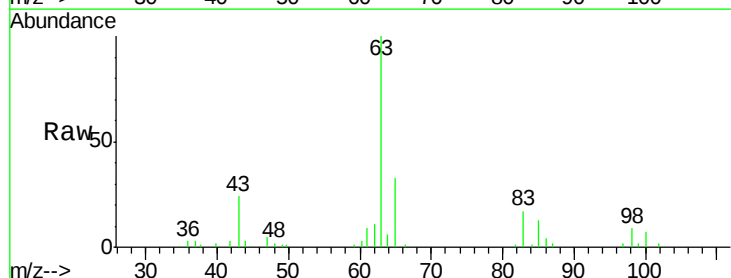
Tgt Ion: 63 Resp: 67870

Ion Ratio Lower Upper

63 100

98 9.2 4.4 13.2

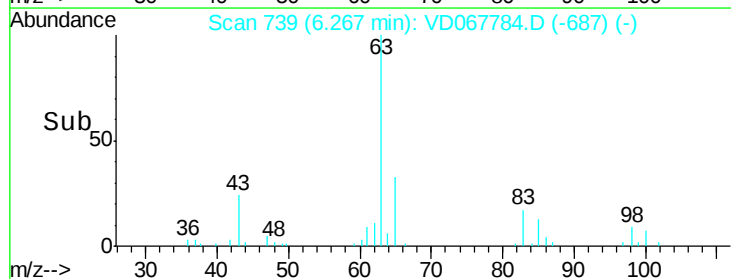
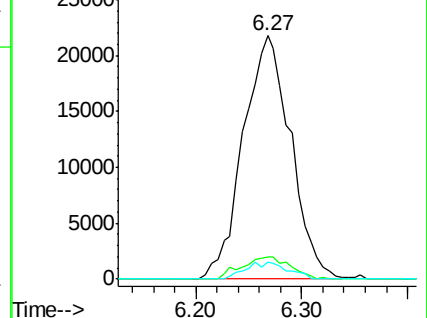
100 6.8 2.6 8.0

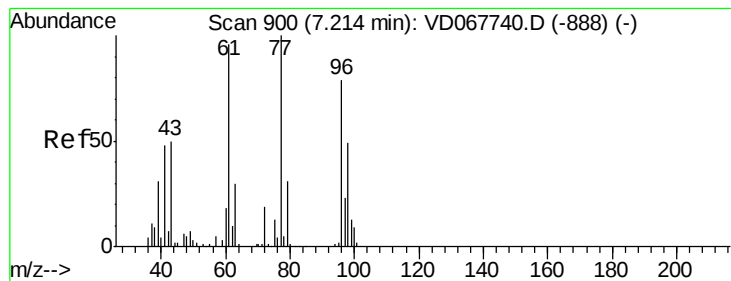


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 103.280 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 43 Resp: 37060

Ion Ratio Lower Upper

43 100

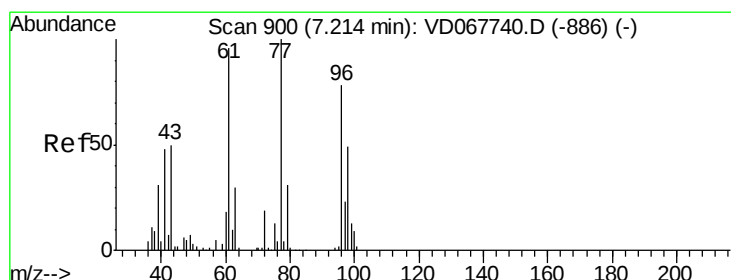
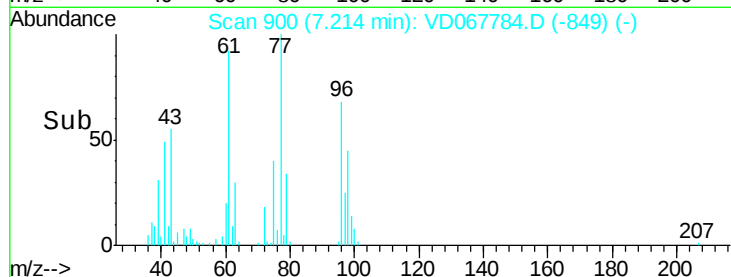
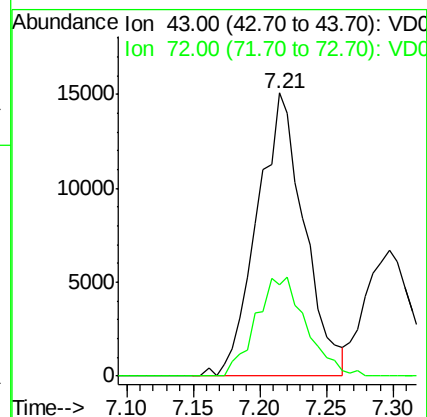
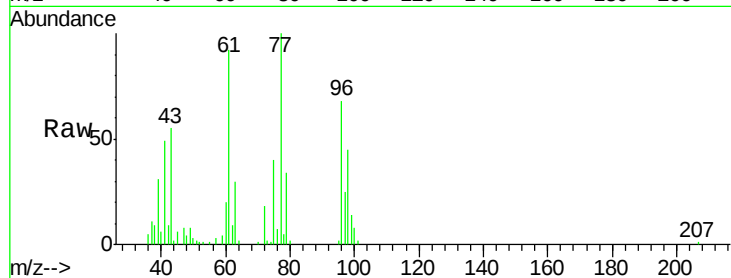
72 32.1 30.8 46.2

Manual Integrations

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11/30/2020 9:59:00 AM



#26

2,2-Dichloropropane

Concen: 19.778 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067784.D

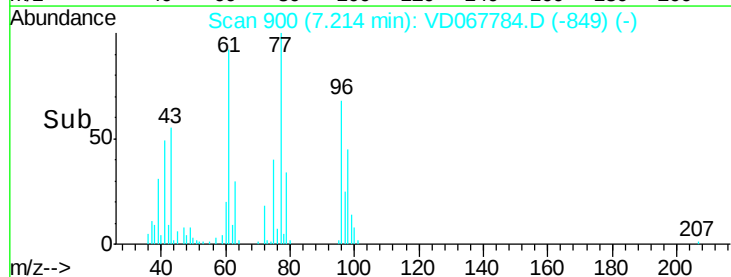
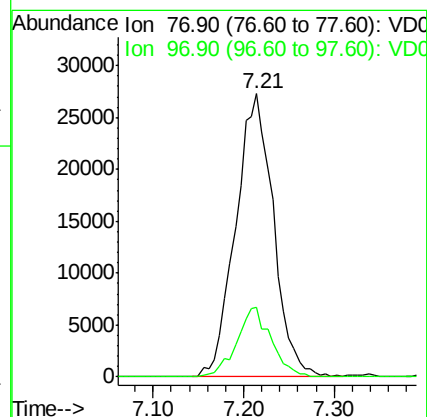
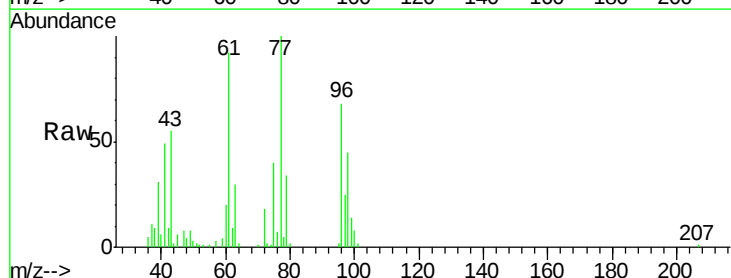
Acq: 25 Nov 2020 13:54

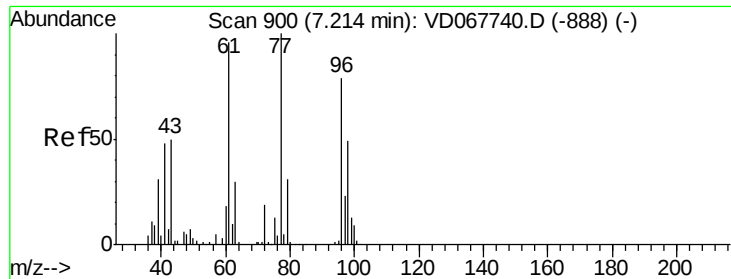
Tgt Ion: 77 Resp: 78877

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.3





#27

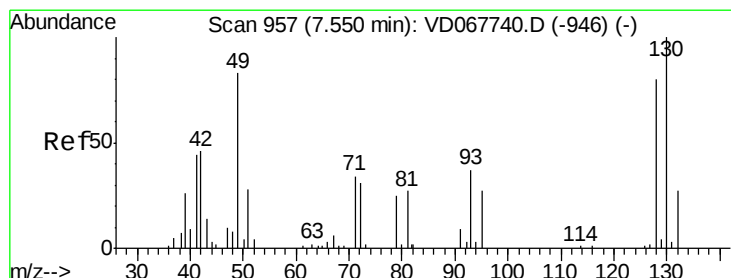
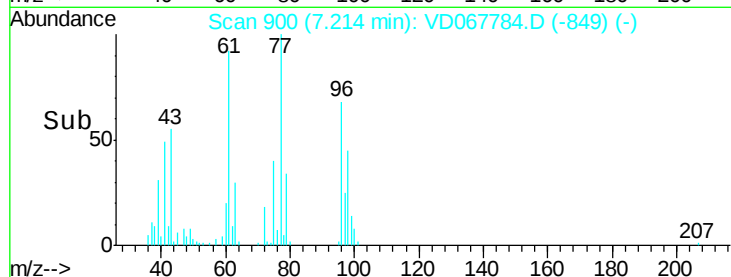
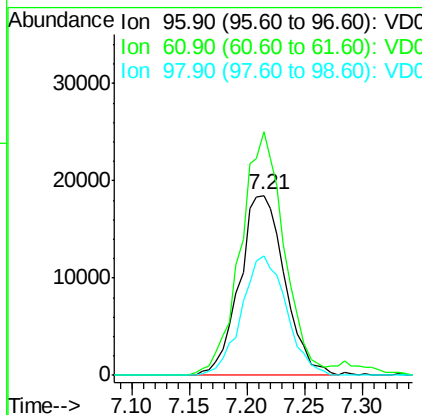
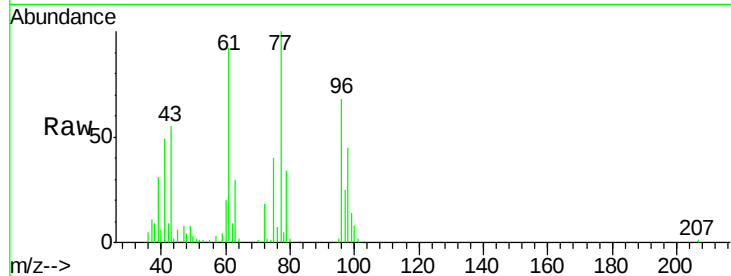
cis-1,2-Dichloroethene
Concen: 19.915 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	258.0
98	65.7	0.0	131.8

Manual Integrations
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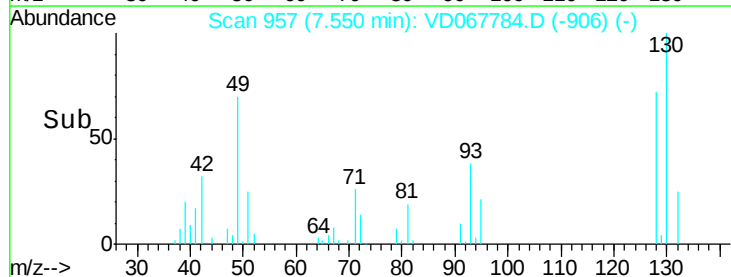
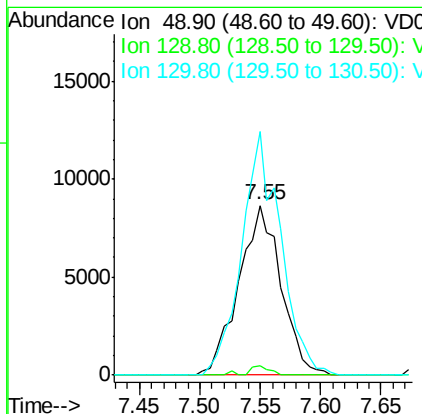
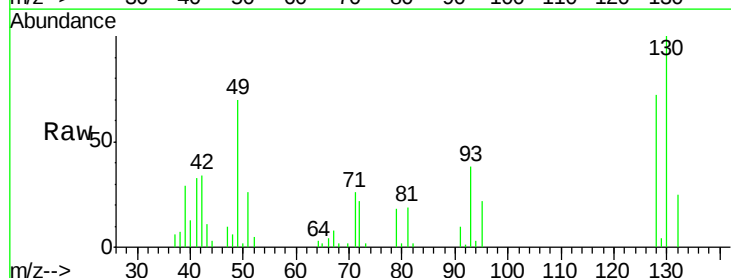
MMDadoda
11/30/2020 9:59:00 AM

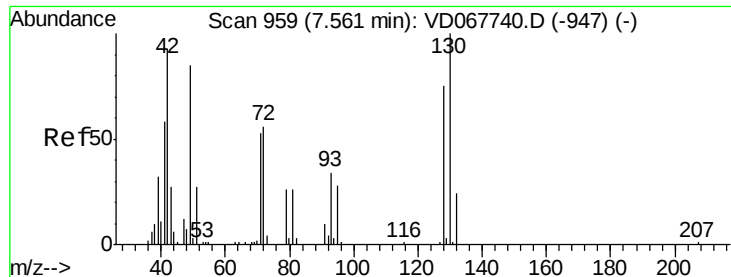


#28

Bromochloromethane
Concen: 19.413 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	7.0
130	132.4	102.2	153.4





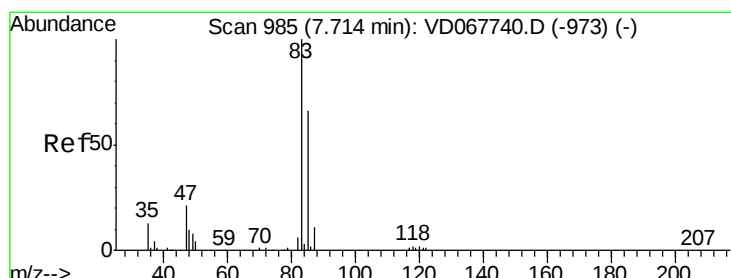
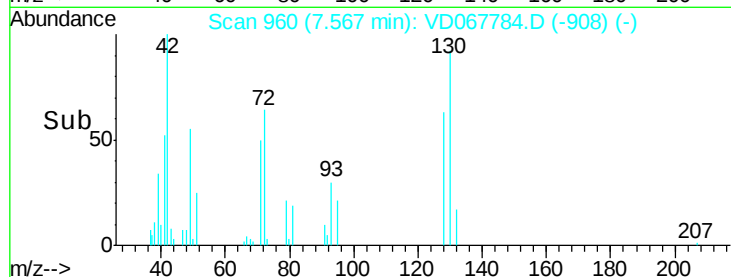
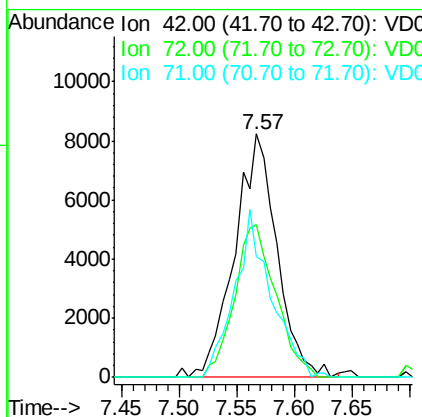
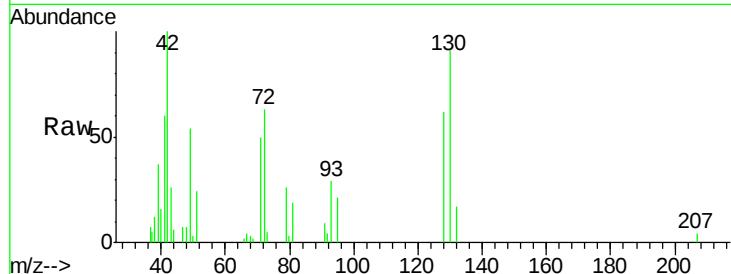
#29
Tetrahydrofuran
Concen: 102.643 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.4	49.3	73.9
71	59.6	45.9	68.9

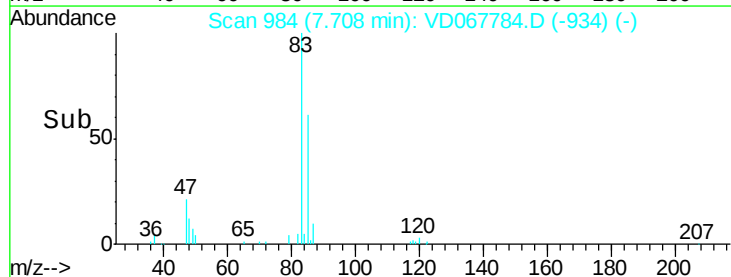
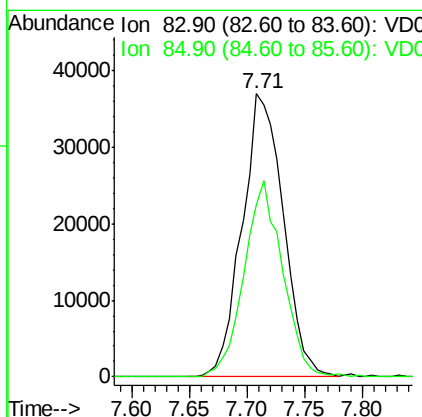
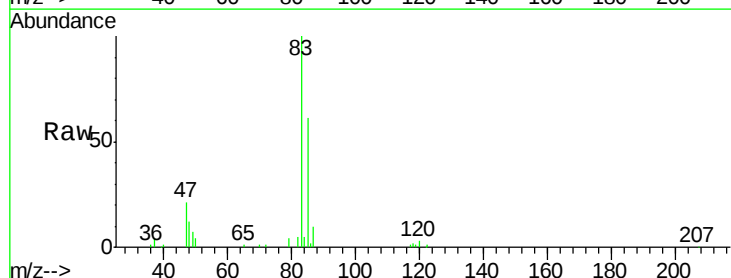
Manual Integrations
APPROVED

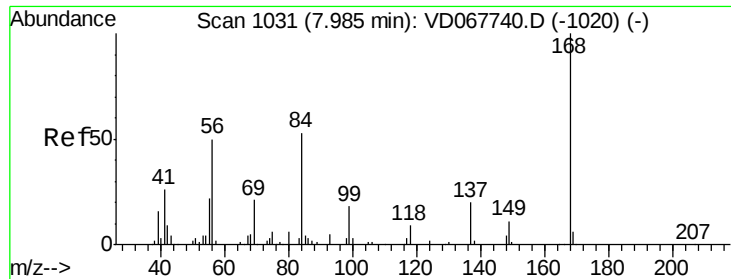
MMDadoda
11/30/2020 9:59:00 AM



#30
Chloroform
Concen: 20.778 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.7	53.1	79.7





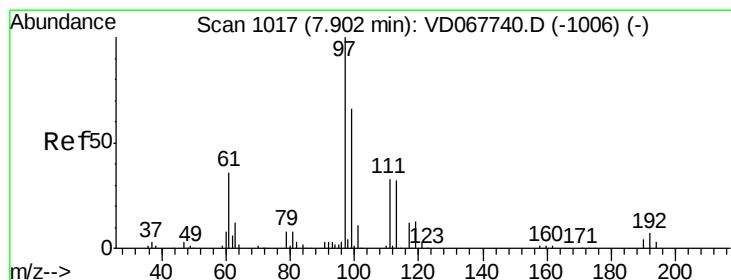
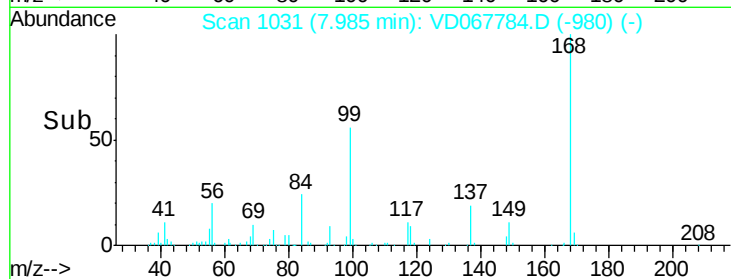
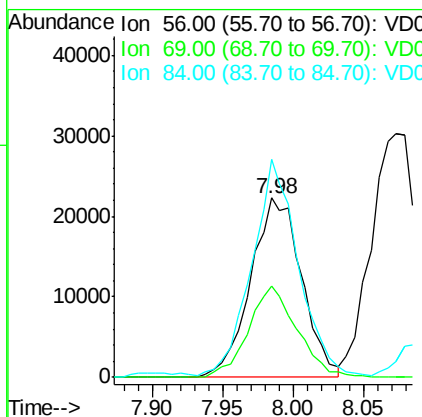
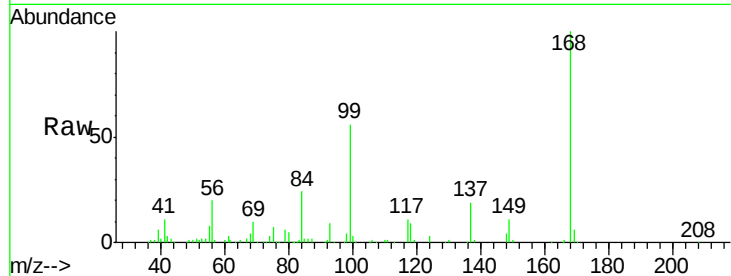
#31
Cyclohexane
Concen: 18.789 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	50.8	33.2	49.8#
84	119.7	84.8	127.2

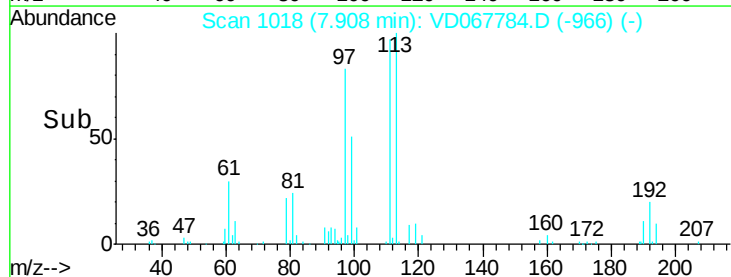
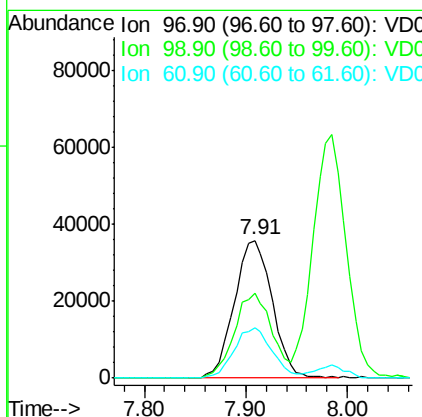
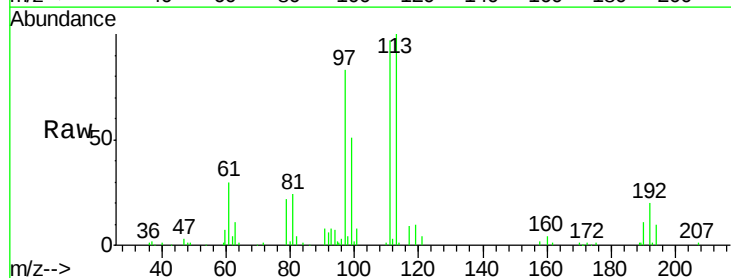
Manual Integrations
APPROVED

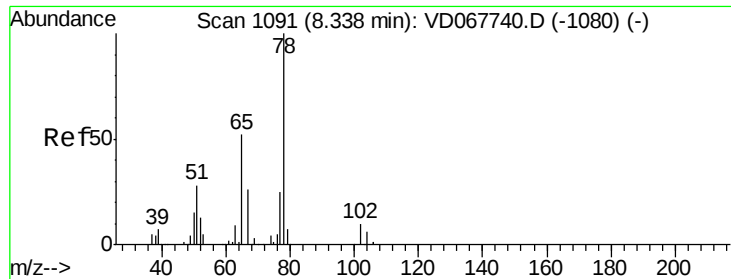
MMDadoda
11/30/2020 9:59:00 AM



#32
1,1,1-Trichloroethane
Concen: 19.795 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.6	51.1	76.7
61	37.0	29.4	44.2





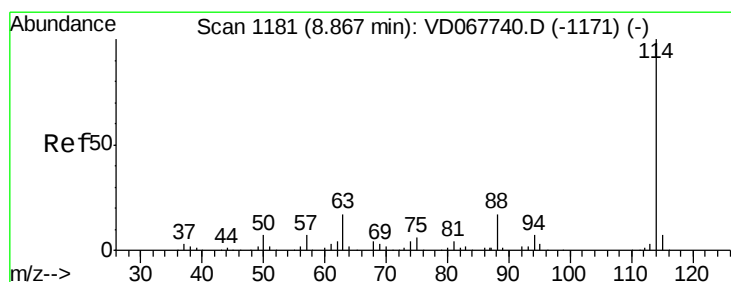
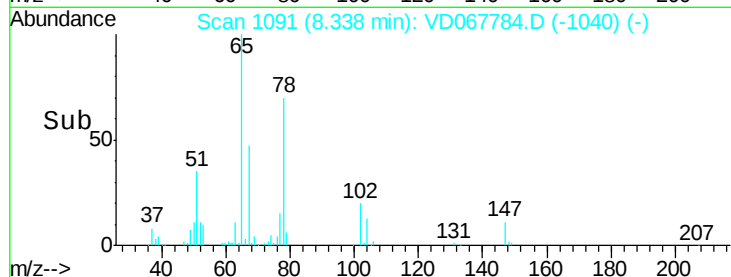
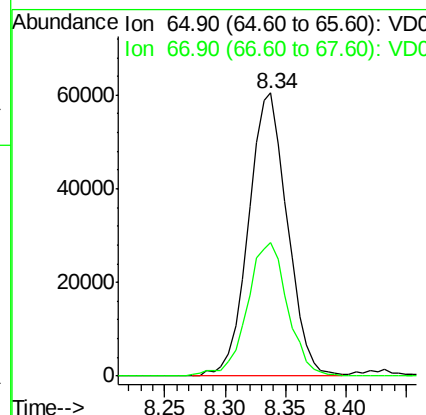
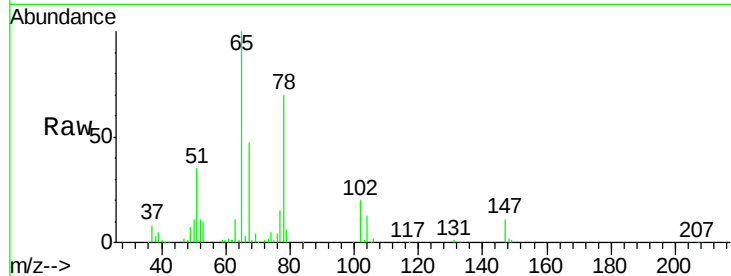
#33
 1,2-Dichloroethane-d4
 Concen: 54.594 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135135		
67	49.4	0.0	101.0	

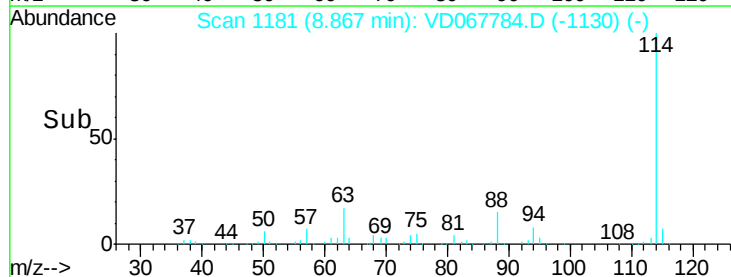
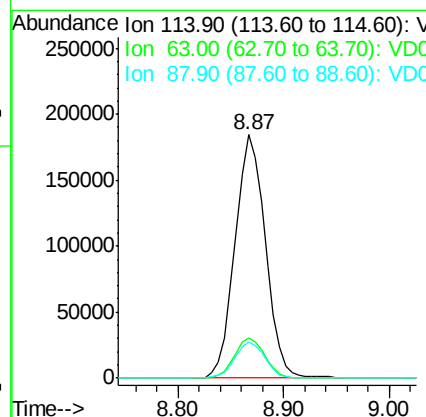
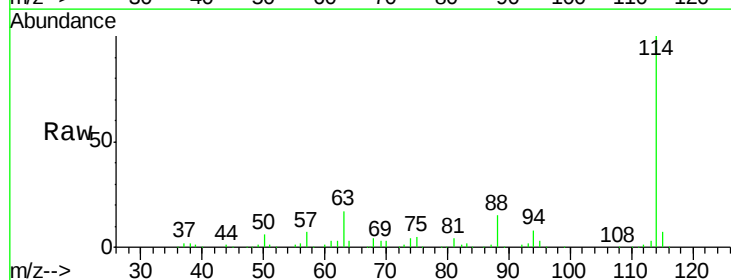
Manual Integrations
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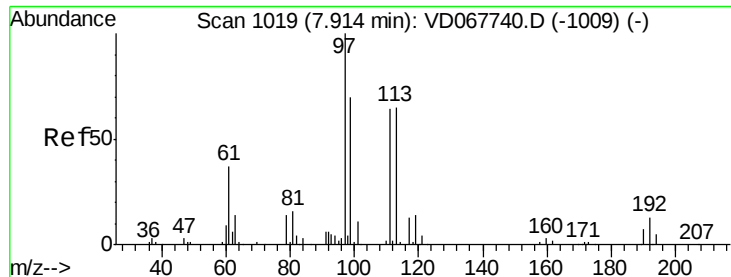
MMDadoda
 11/30/2020 9:59:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	367132		
63	16.7	0.0	34.8	
88	14.9	0.0	34.4	





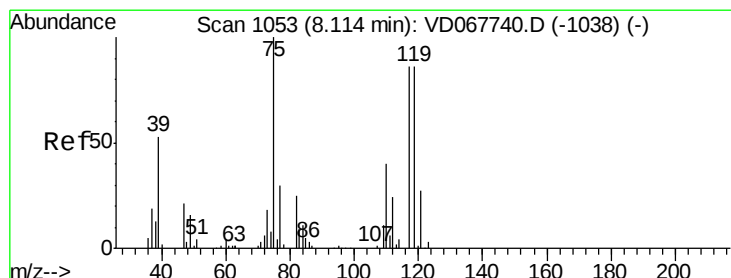
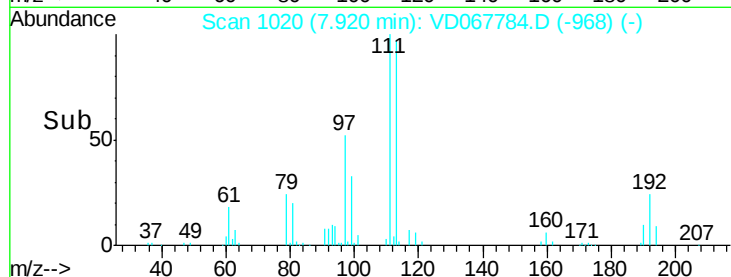
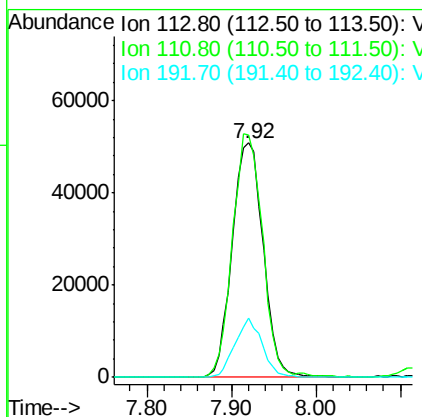
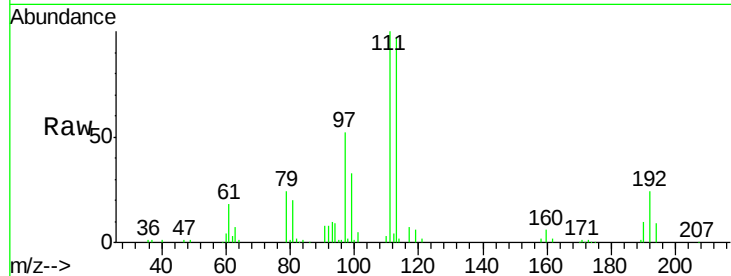
#35
 Dibromofluoromethane
 Concen: 55.098 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128731		
111	101.1	81.4	122.0	
192	22.2	17.0	25.4	

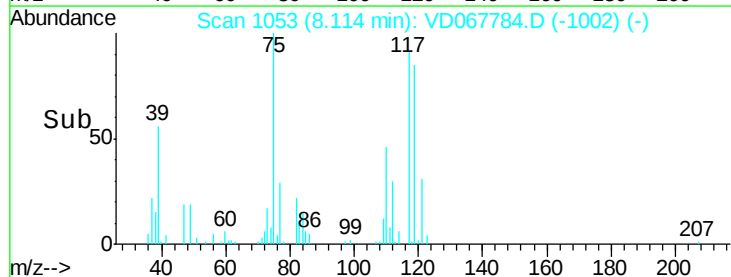
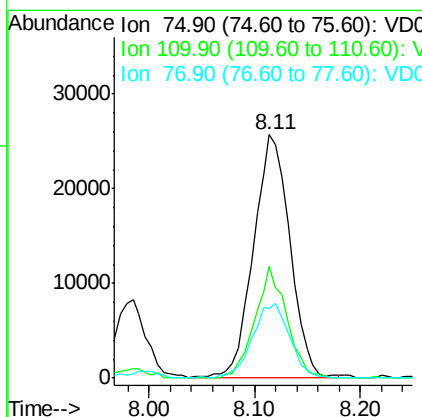
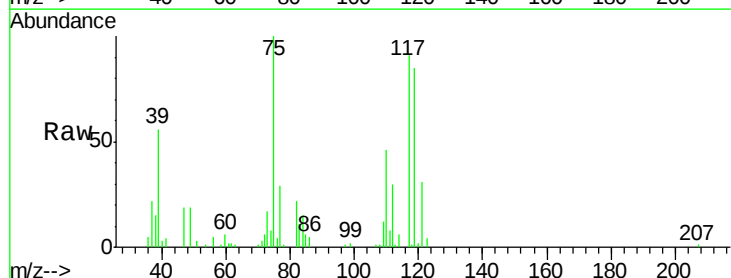
Manual Integrations
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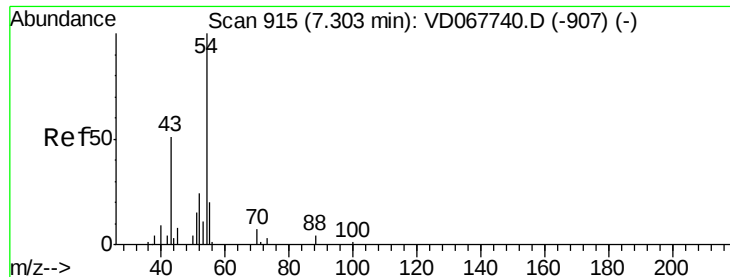
MMDadoda
 11/30/2020 9:59:00 AM



#36
 1,1-Dichloropropene
 Concen: 19.578 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61677		
110	40.1	20.1	60.2	
77	31.2	24.8	37.2	





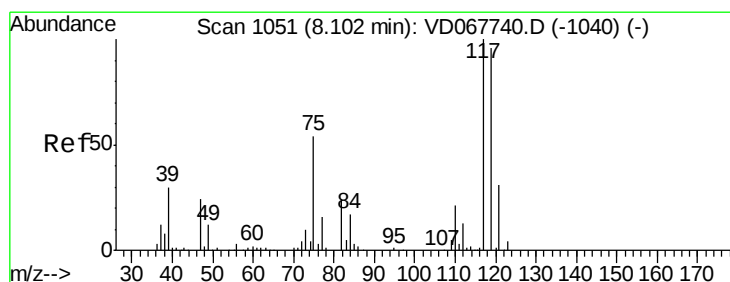
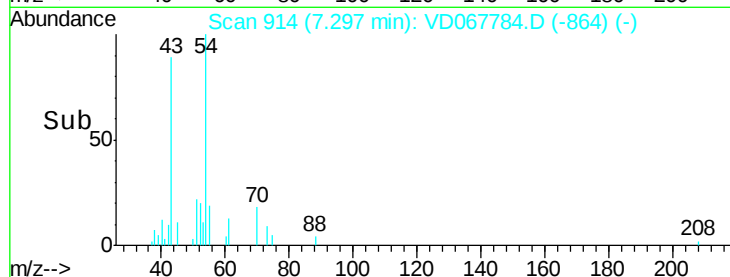
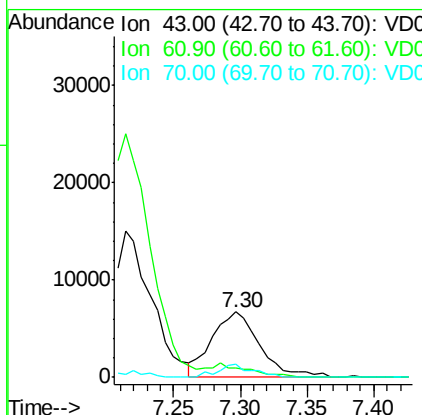
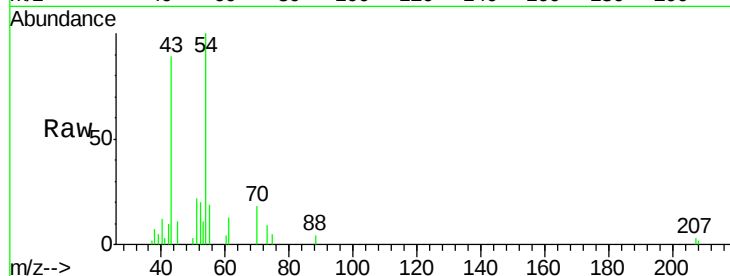
#37
Ethyl Acetate
Concen: 19.824 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS001

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.9	19.3
70	14.4	12.2	18.2

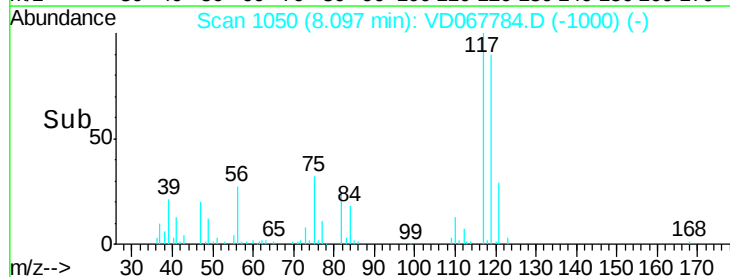
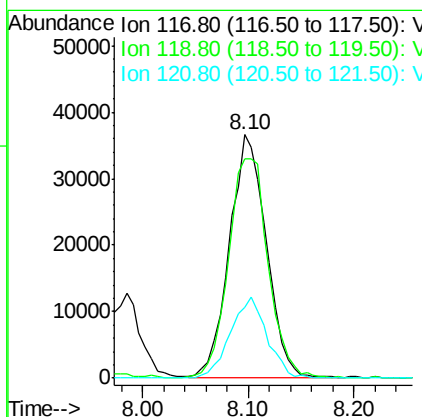
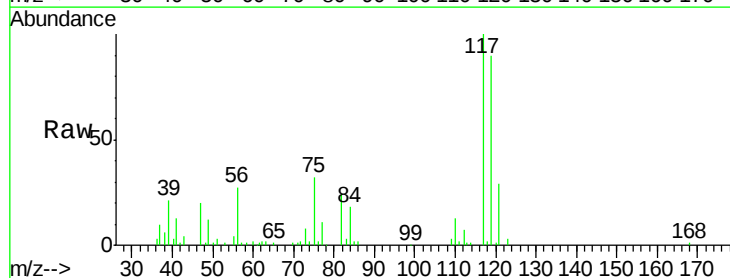
Manual Integrations
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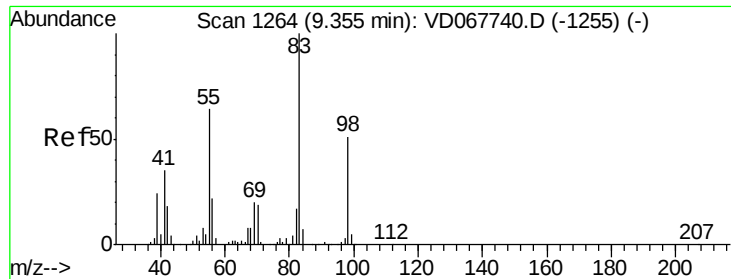
MMDadoda
11/30/2020 9:59:00 AM



#38
Carbon Tetrachloride
Concen: 19.481 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.4	76.6	115.0
121	28.9	24.5	36.7





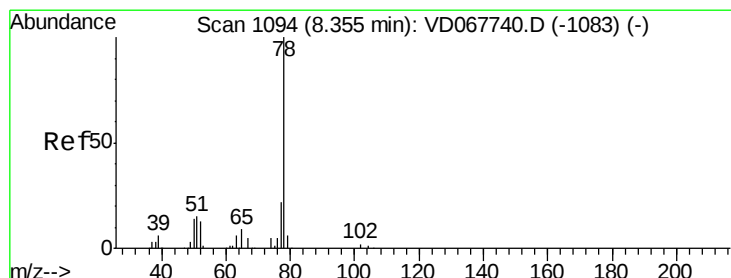
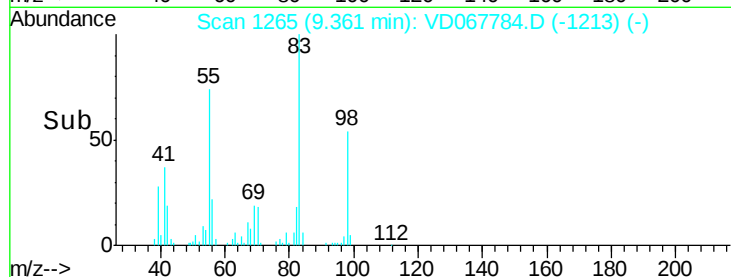
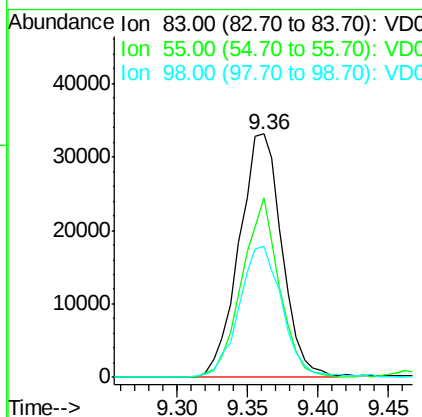
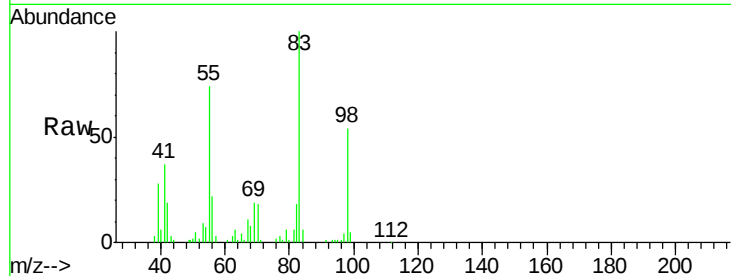
#39
Methvlcvclohexane
Concen: 18.868 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	51.0	76.4
98	53.6	40.4	60.6

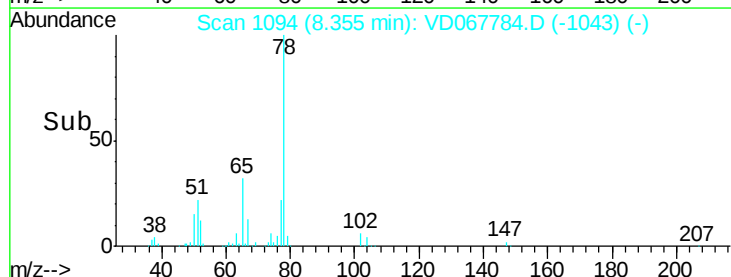
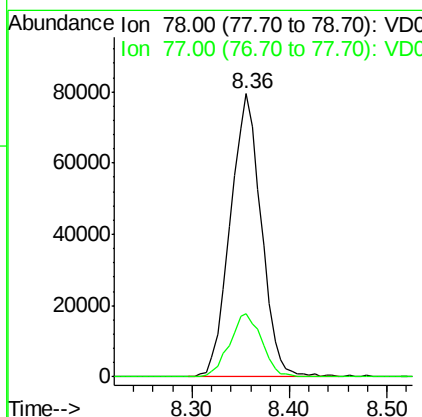
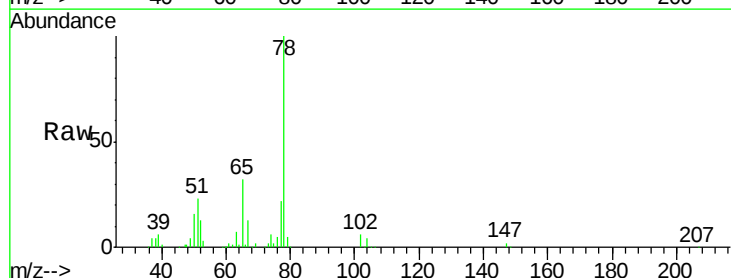
Manual Integrations
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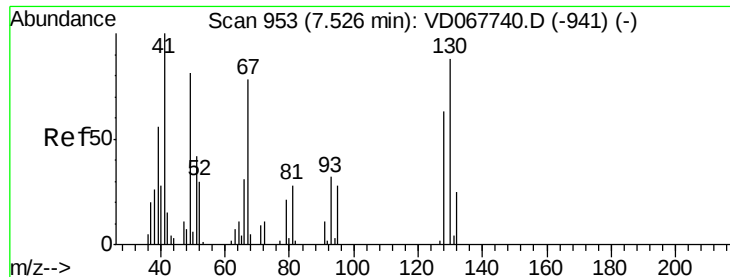
MMDadoda
11/30/2020 9:59:00 AM



#40
Benzene
Concen: 20.193 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	17.8	26.6





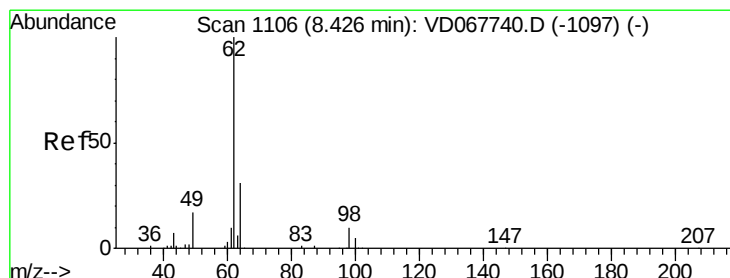
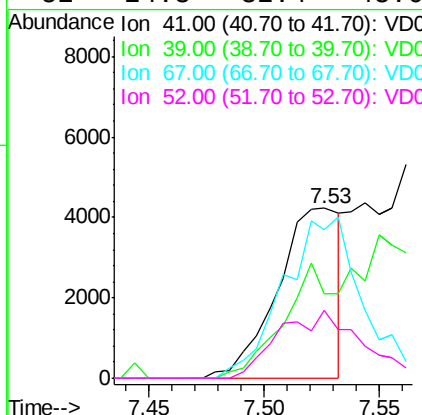
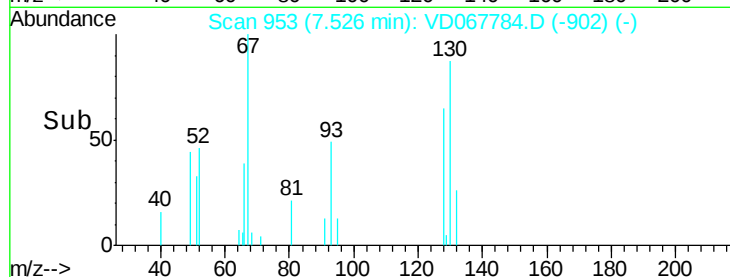
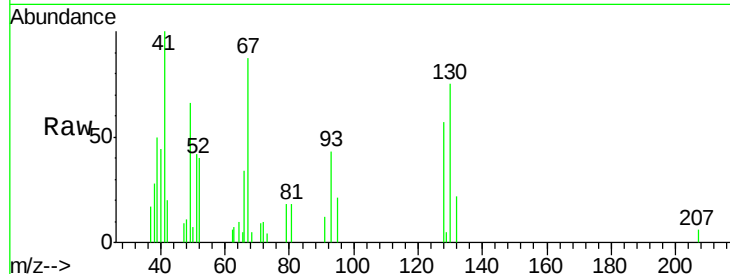
#41
Methacrylonitrile
Concen: 18.529 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.8	50.2	75.4
67	118.8	79.0	118.6#
52	24.3	32.4	48.6#

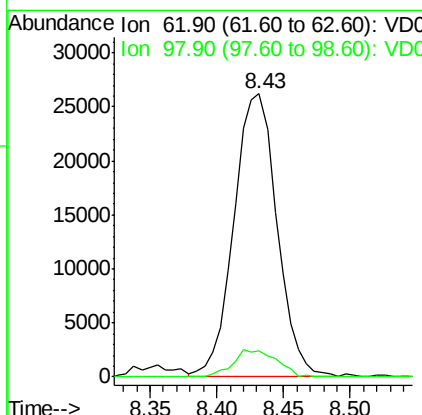
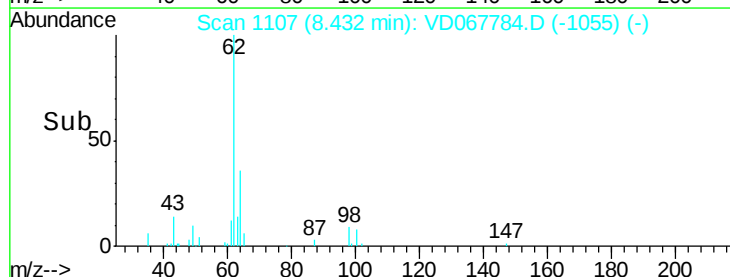
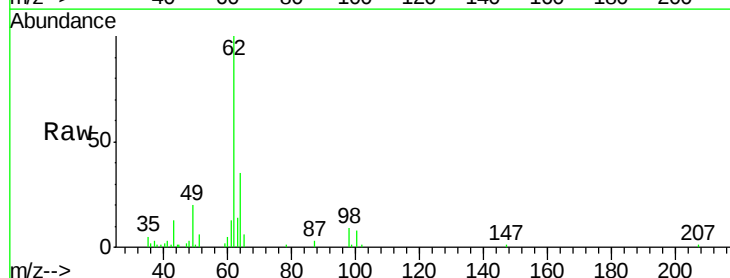
Manual Integrations
APPROVED

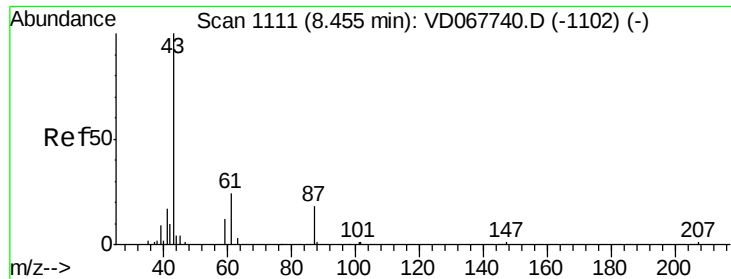
MMDadoda
11/30/2020 9:59:00 AM



#42
1,2-Dichloroethane
Concen: 20.040 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2





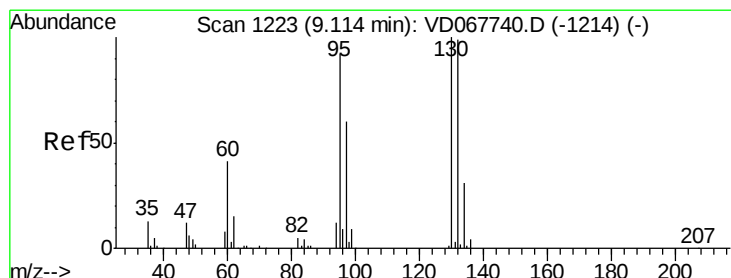
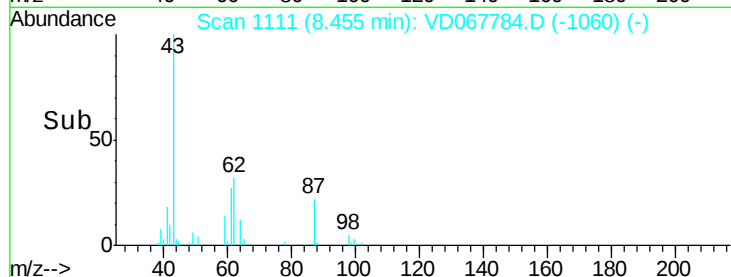
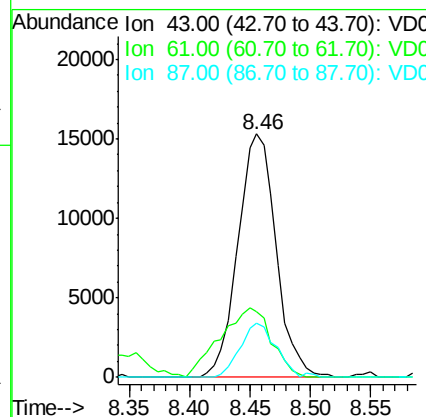
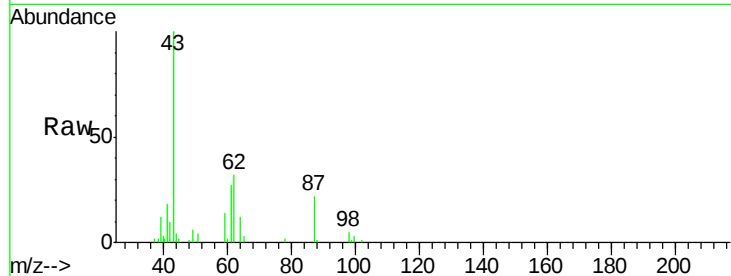
#43
Isopropyl Acetate
Concen: 19.885 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	38.3	30.2	45.4
87	21.2	14.2	21.4

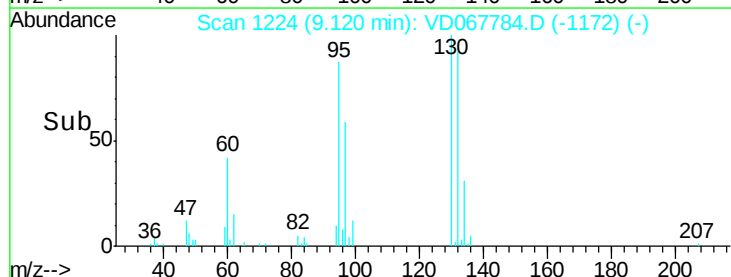
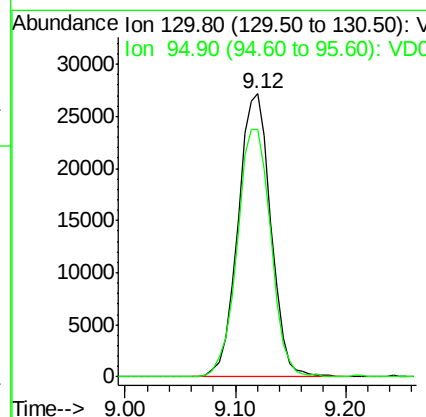
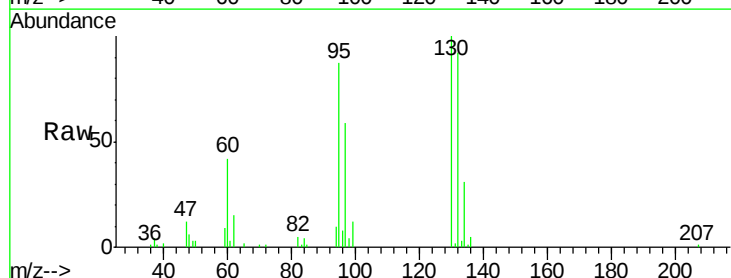
Manual Integrations
APPROVED

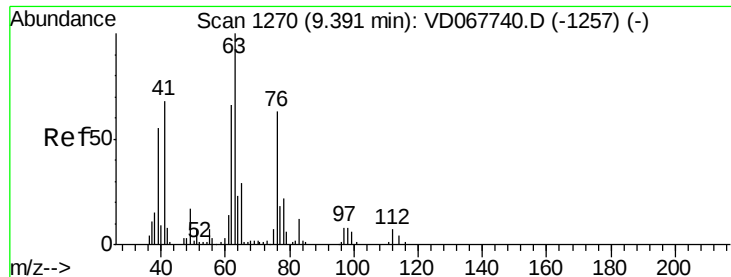
MMDadoda
11/30/2020 9:59:00 AM



#44
Trichloroethene
Concen: 19.754 ug/l
RT: 9.12 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.3	0.0	184.2





#45

1,2-Dichloropropane

Concen: 19.977 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 63 Resp: 35467

Ion Ratio Lower Upper

63 100

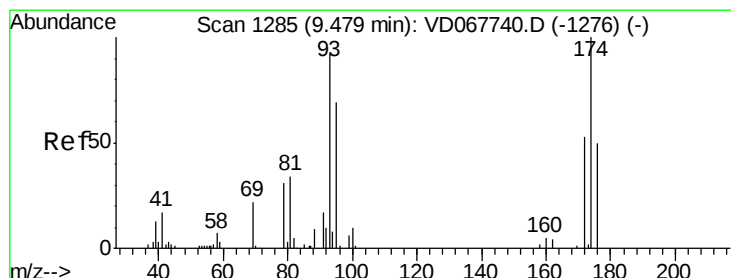
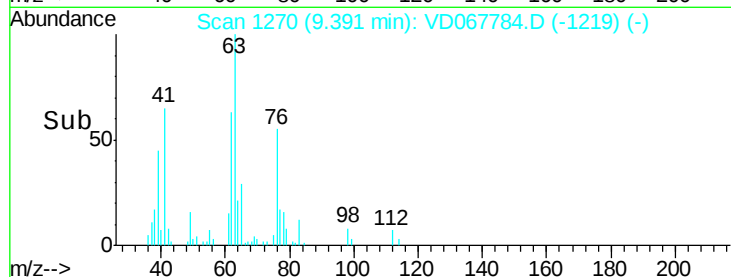
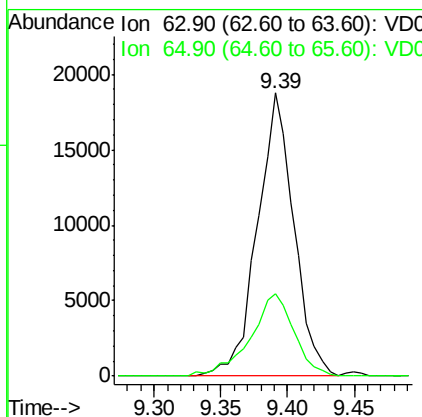
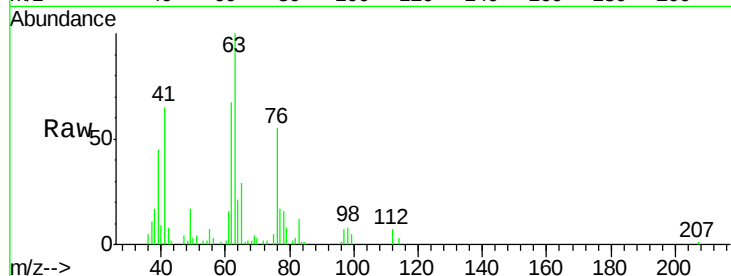
65 29.0 23.1 34.7

Manual Integrations

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11/30/2020 9:59:00 AM



#46

Dibromomethane

Concen: 20.083 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

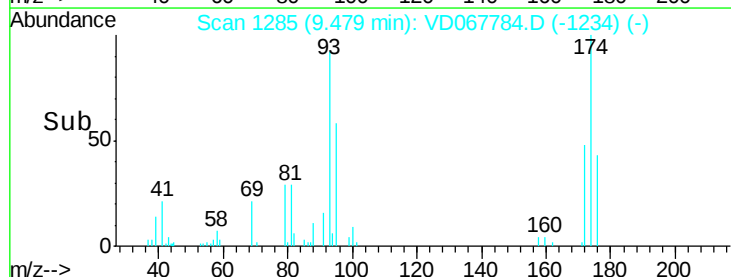
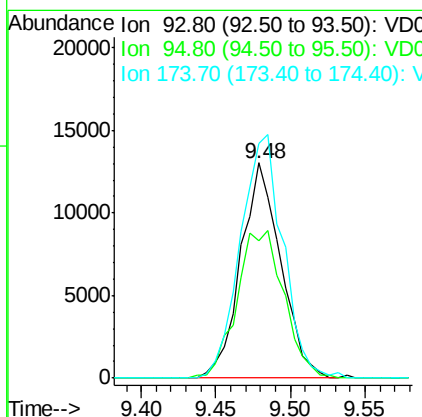
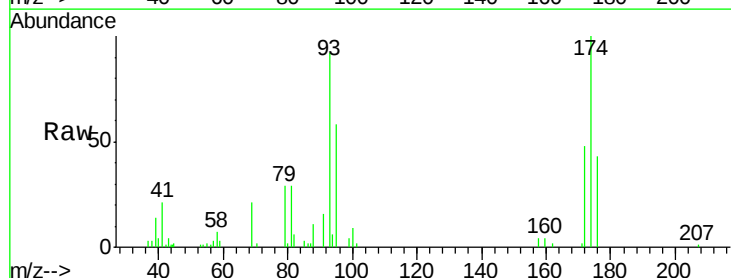
Tgt Ion: 93 Resp: 24275

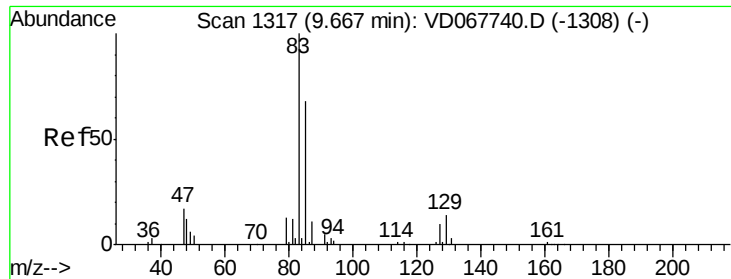
Ion Ratio Lower Upper

93 100

95 80.1 63.4 95.2

174 119.9 89.6 134.4





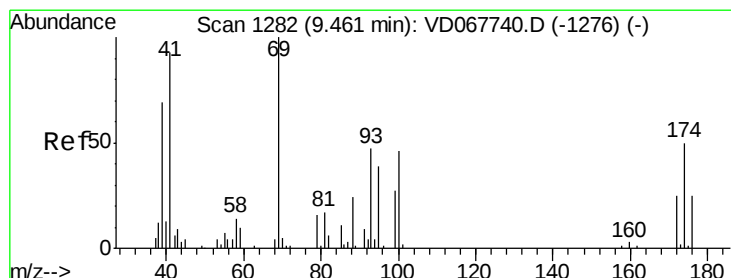
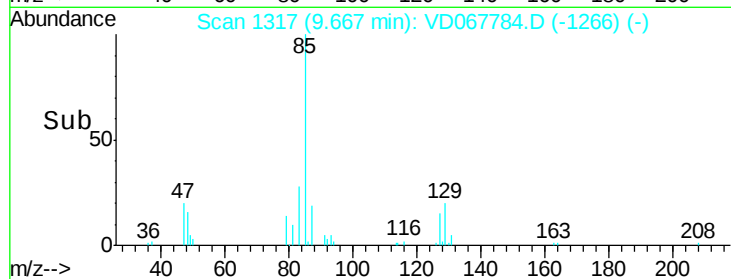
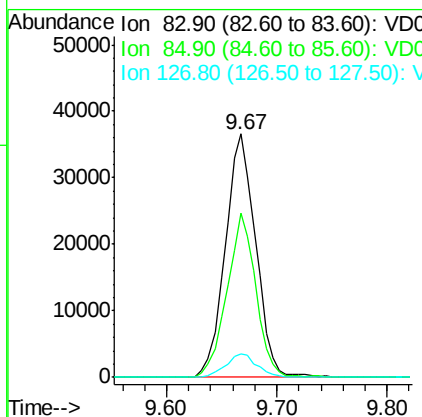
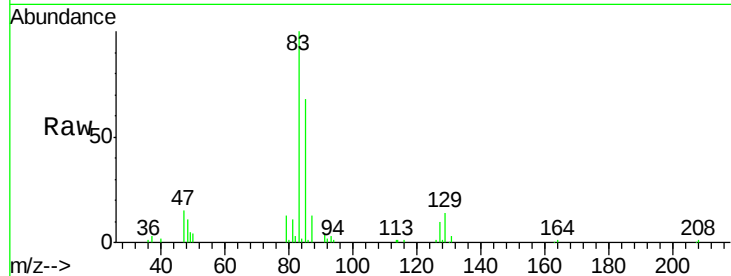
#47
Bromodichloromethane
Concen: 20.910 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBSD01

Tot Ion	83	Resp	70379
Ion Ratio	100	Lower	Upper
83	100		
85	67.5	54.2	81.2
127	9.9	7.6	11.4

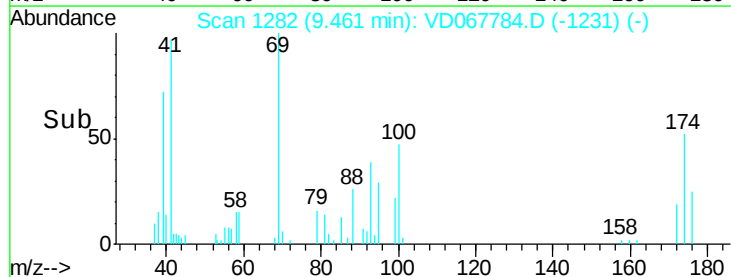
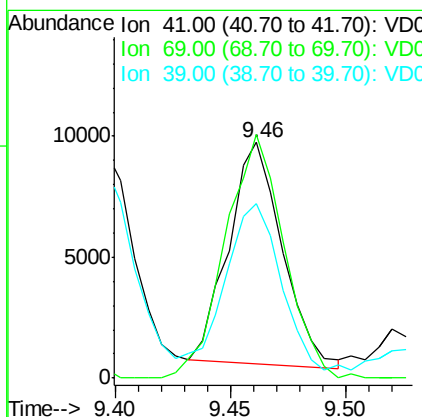
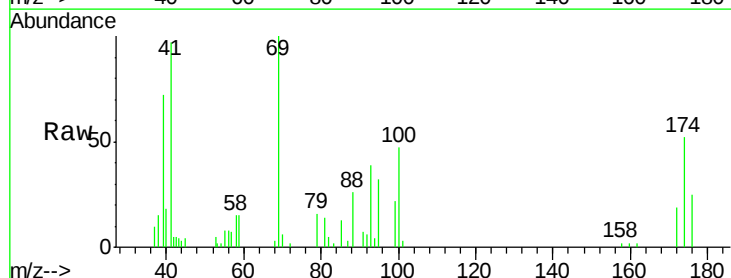
Manual Integrations
APPROVED

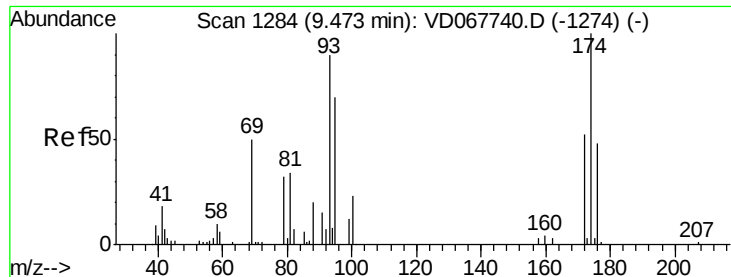
MMDadoda
11/30/2020 9:59:00 AM



#48
Methyl methacrylate
Concen: 17.526 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	41	Resp	14823
Ion Ratio	100	Lower	Upper
41	100		
69	120.7	87.8	131.6
39	77.5	60.5	90.7





#49

1,4-Dioxane

Concen: 425.067 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 88 Resp: 5568

Ion Ratio Lower Upper

88 100

43 38.0 25.2 37.8#

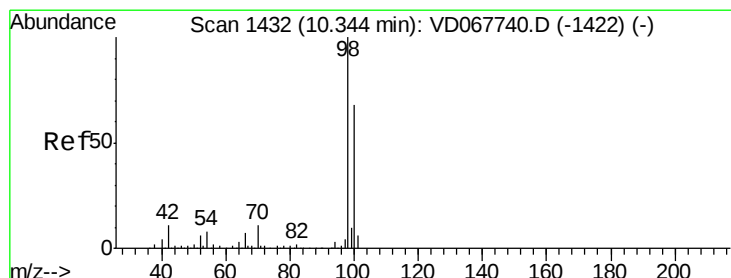
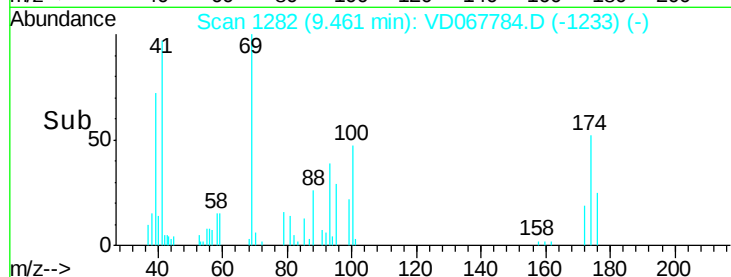
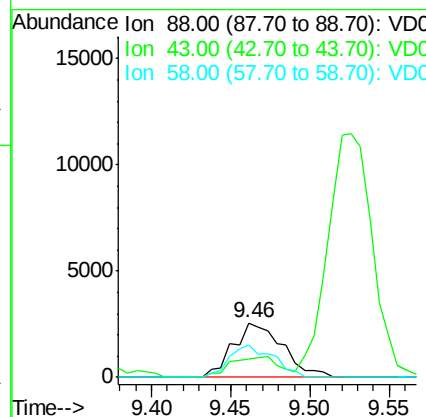
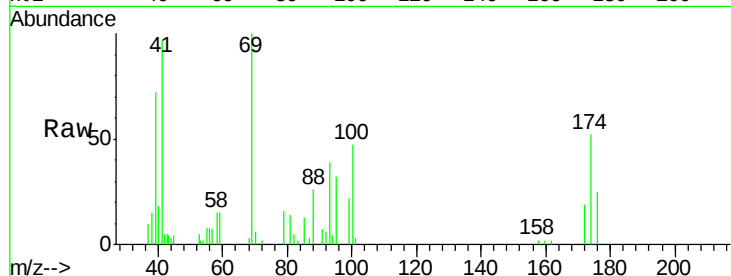
58 52.9 48.2 72.2

Manual Integrations

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11/30/2020 9:59:00 AM



#50

Toluene-d8

Concen: 54.124 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067784.D

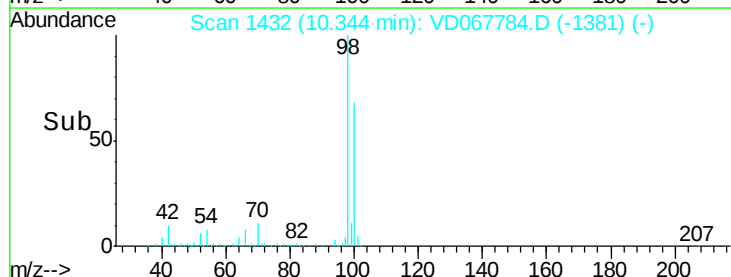
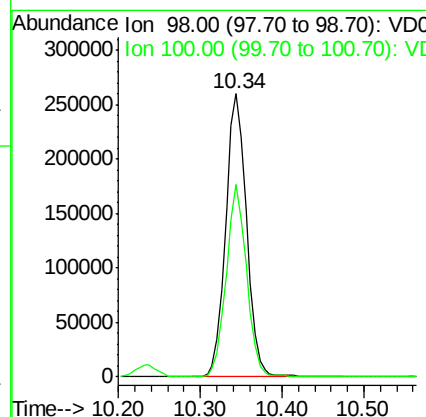
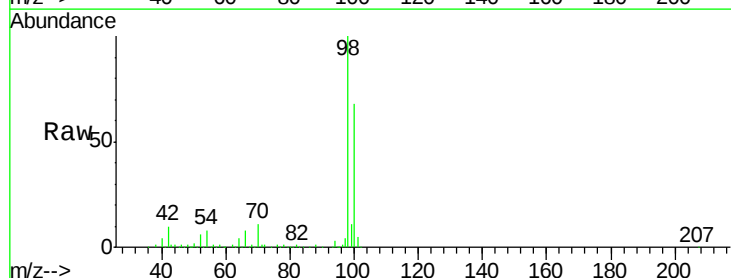
Acq: 25 Nov 2020 13:54

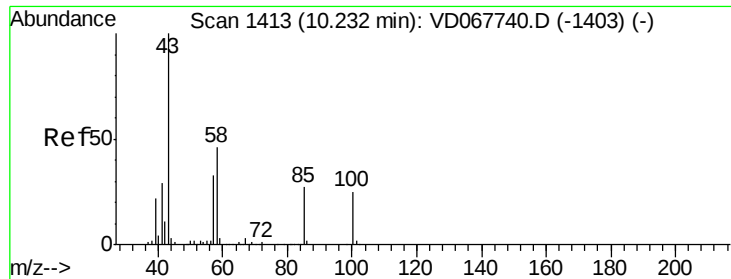
Tgt Ion: 98 Resp: 462337

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 97.889 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleID :

VD1125SBS01

Tot Ion: 43 Resp: 77924

Ion Ratio Lower Upper

43 100

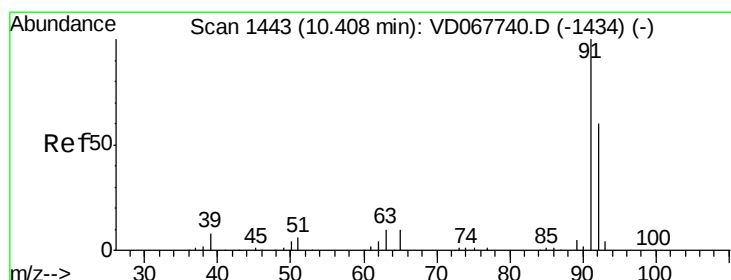
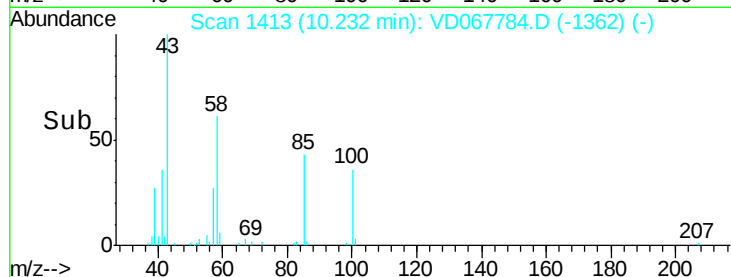
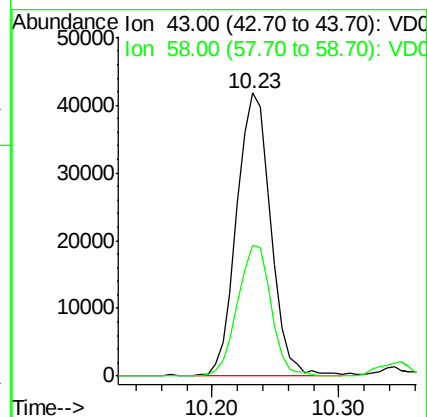
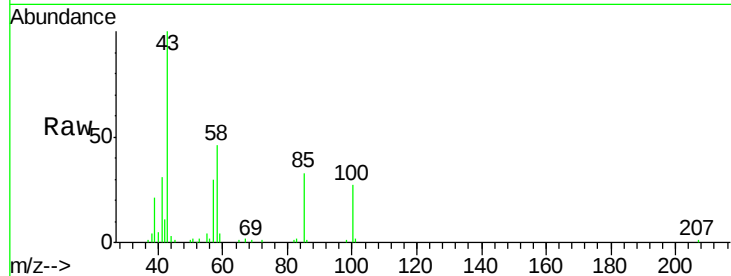
58 45.6 34.7 52.1

Manual Integrations

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11/30/2020 9:59:00 AM



#52

Toluene

Concen: 20.756 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067784.D

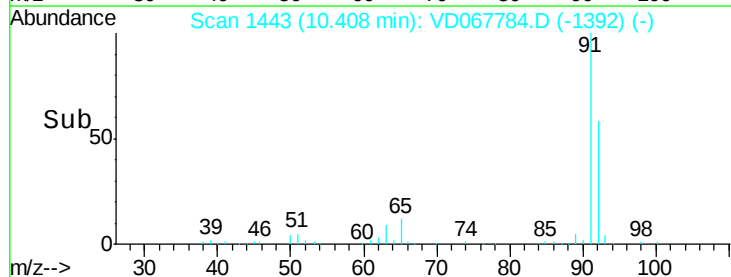
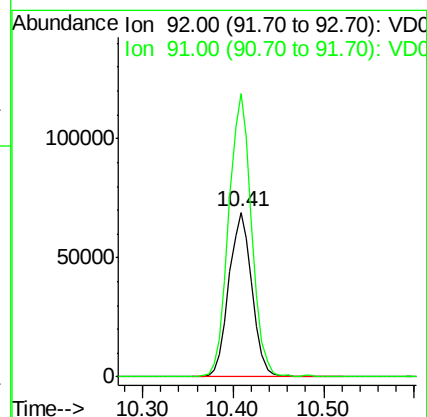
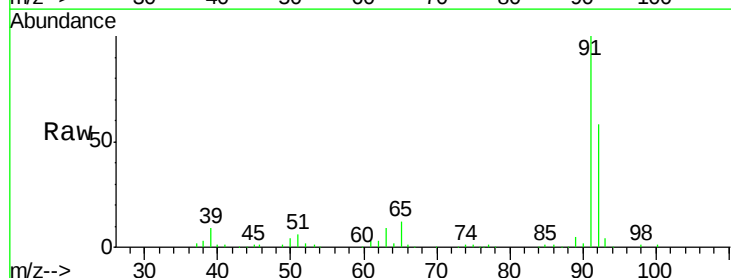
Acq: 25 Nov 2020 13:54

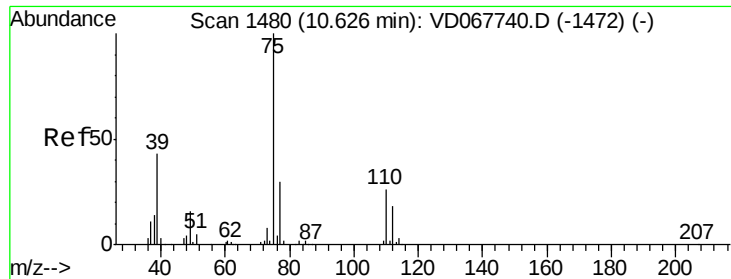
Tgt Ion: 92 Resp: 121831

Ion Ratio Lower Upper

92 100

91 170.5 135.4 203.0





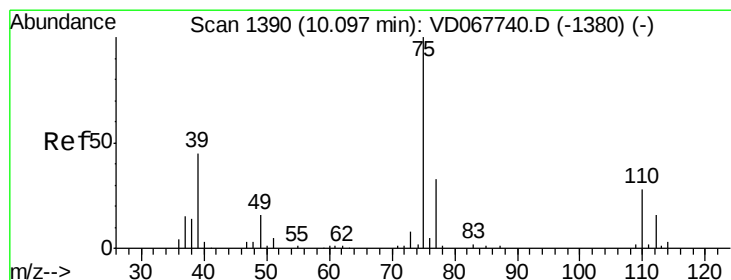
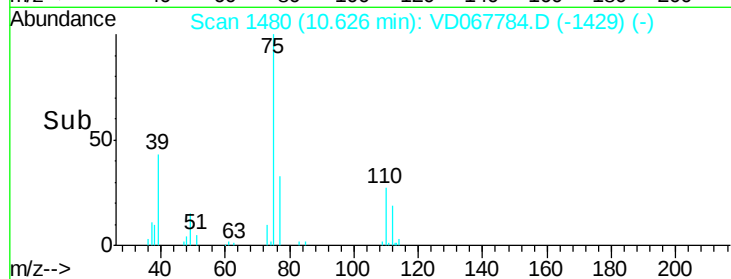
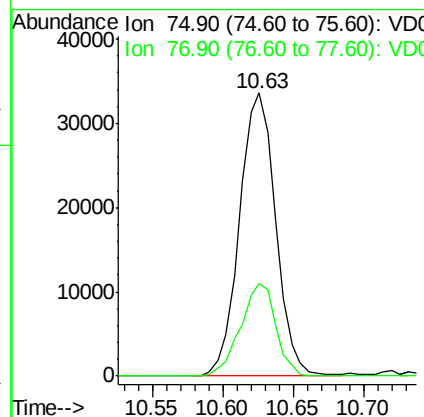
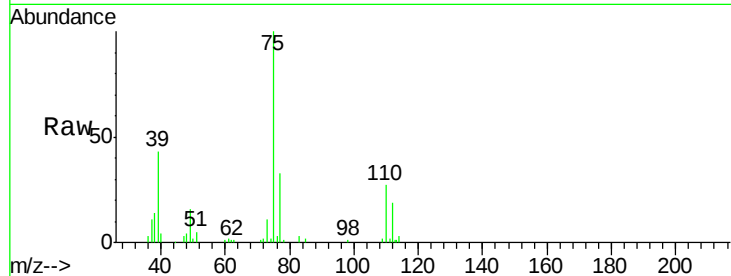
#53
 t-1,3-Dichloropropene
 Concen: 20.488 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1125SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.2	36.4

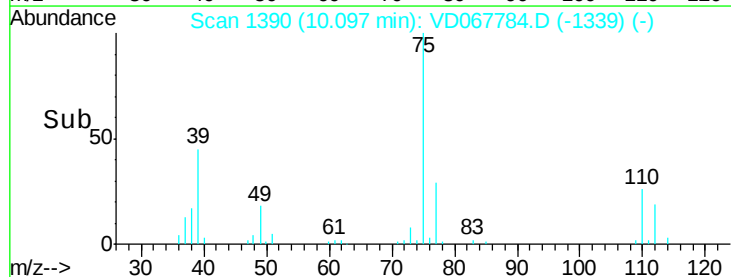
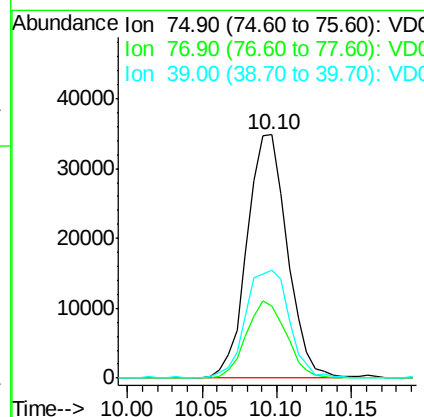
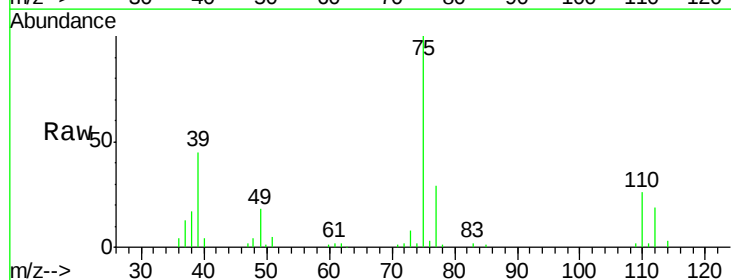
Manual Integrations
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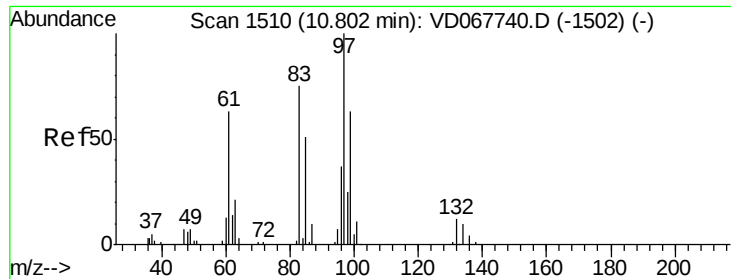
MMDadoda
 11/30/2020 9:59:00 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.506 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.4	26.1	39.1
39	44.6	35.8	53.6





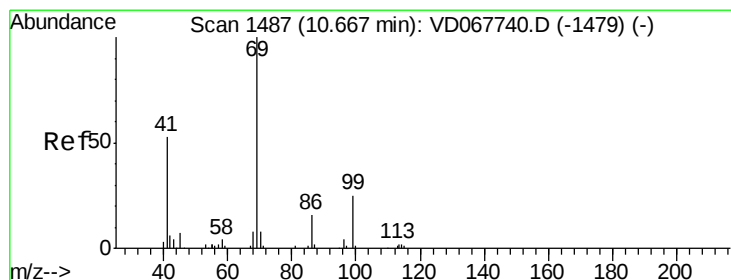
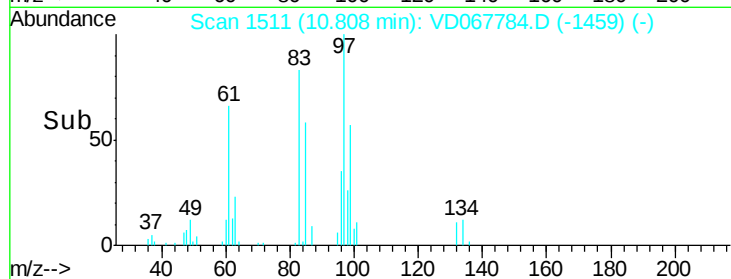
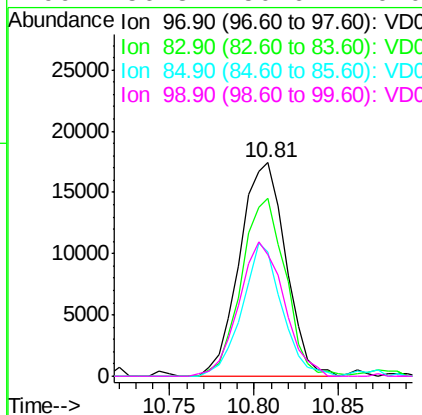
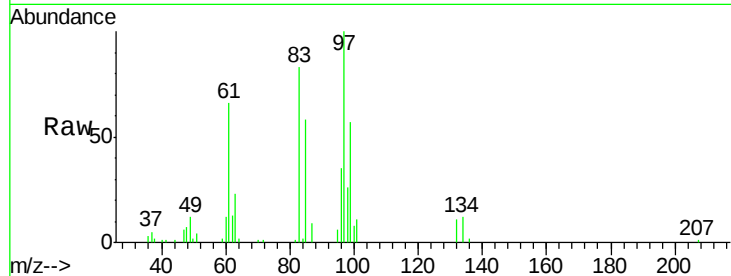
#55
 1,1,2-Trichloroethane
 Concen: 20.427 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.4	60.2	90.4
85	58.1	40.5	60.7
99	56.8	50.6	76.0

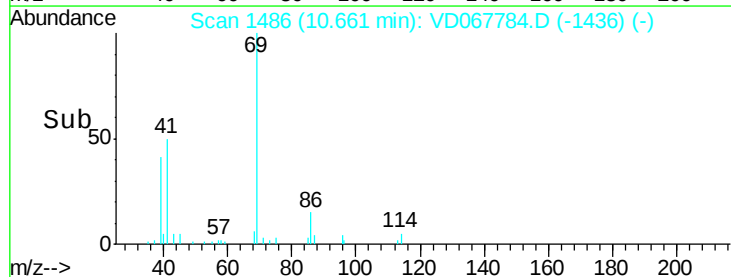
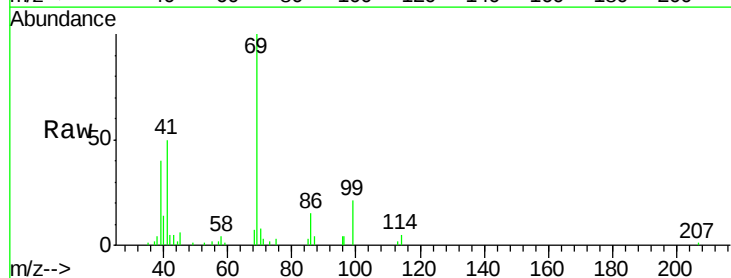
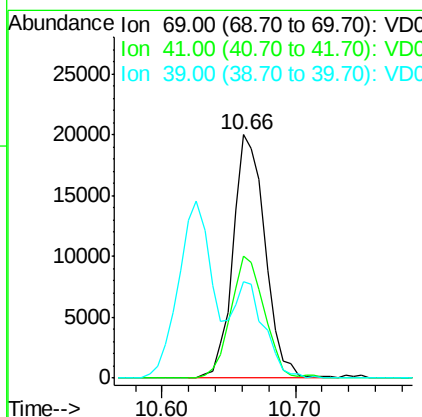
Manual Integrations
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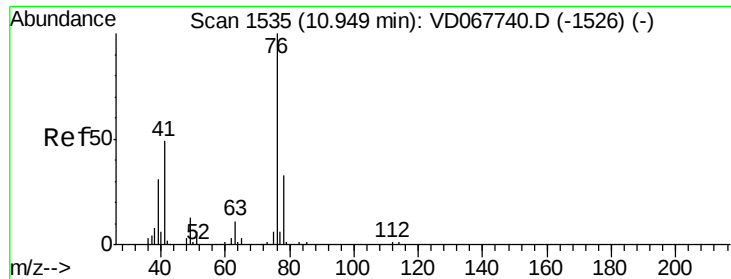
MMDadoda
 11/30/2020 9:59:00 AM



#56
 Ethyl methacrylate
 Concen: 19.915 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.9	43.4	65.0
39	35.6	29.6	44.4





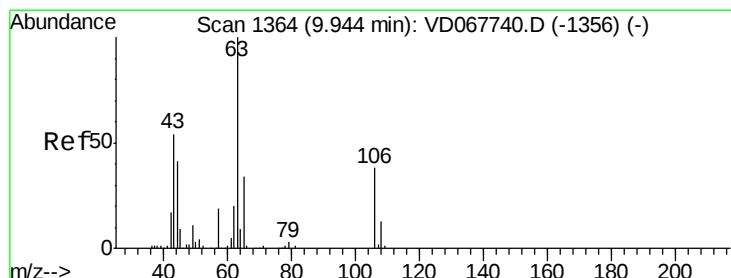
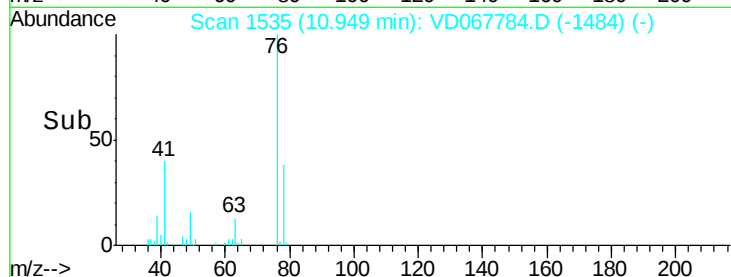
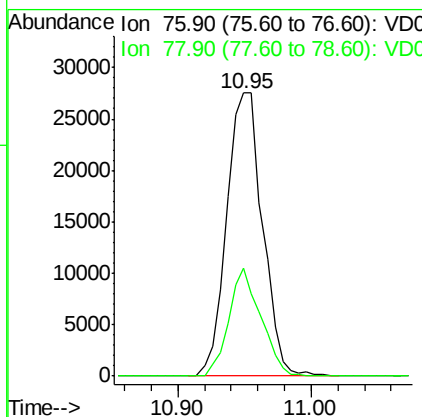
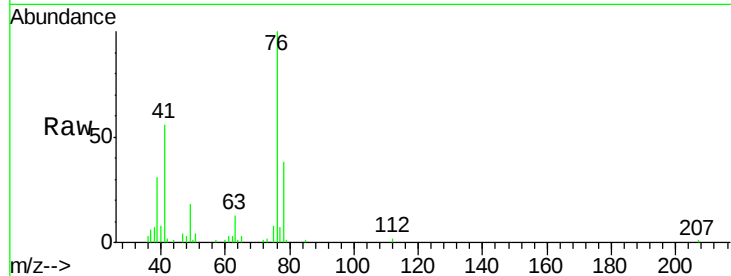
#57
 1,3-Dichloropropane
 Concen: 20.220 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion: 76 Resp: 51704
 Ion Ratio Lower Upper
 76 100
 78 33.9 25.7 38.5

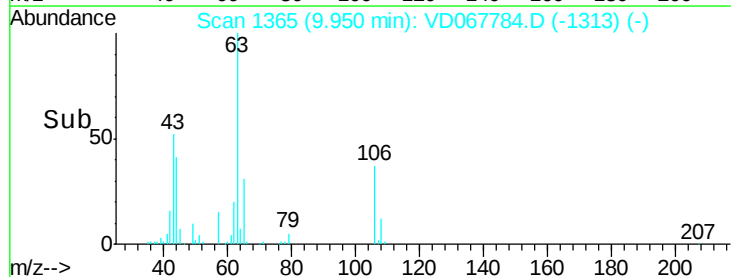
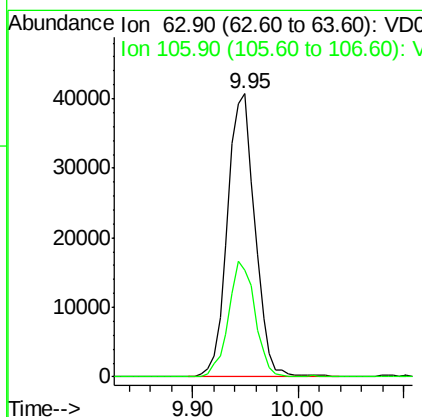
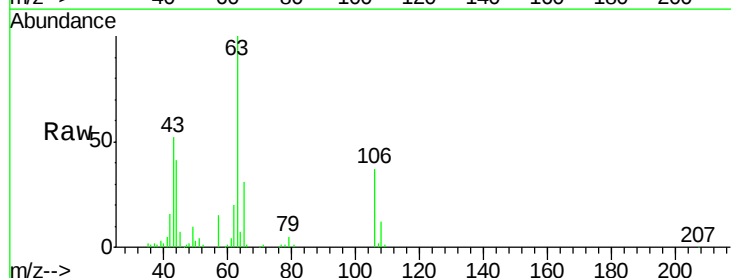
Manual Integrations
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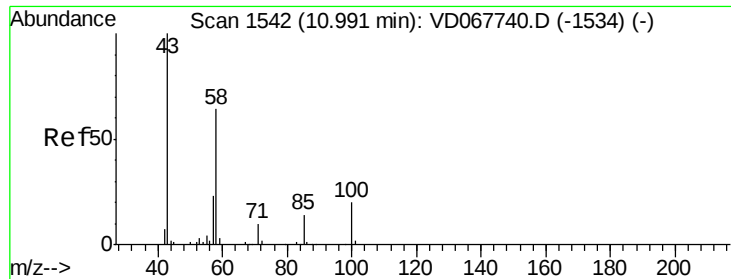
MMDadoda
 11/30/2020 9:59:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.097 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion: 63 Resp: 73039
 Ion Ratio Lower Upper
 63 100
 106 39.1 31.0 46.6





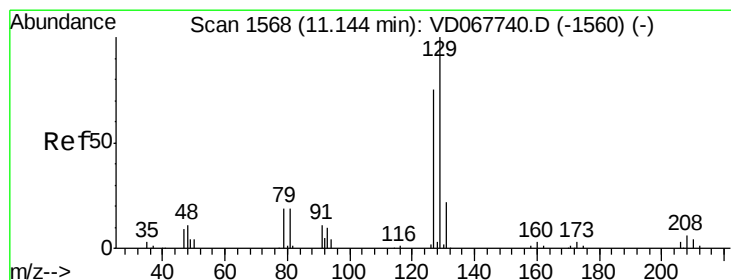
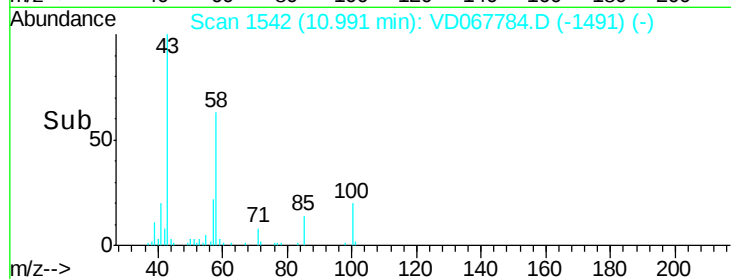
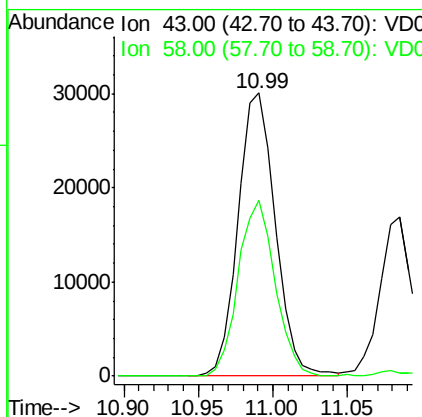
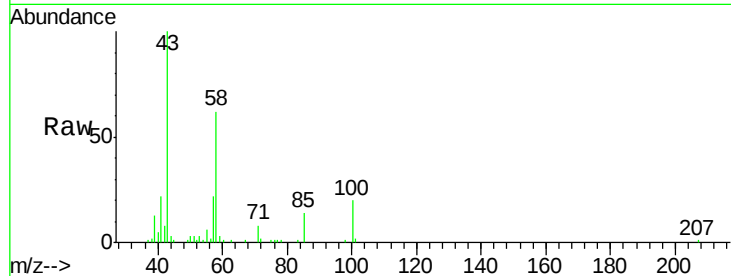
#59
2-Hexanone
Concen: 92.902 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.1	30.5	91.5

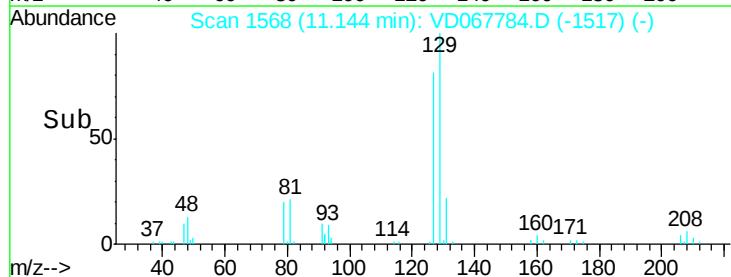
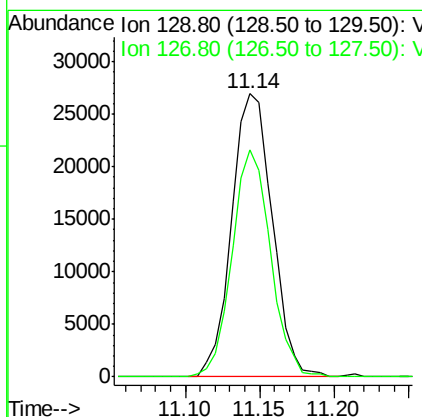
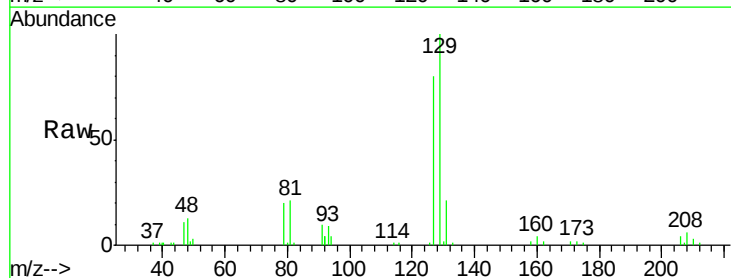
Manual Integrations
APPROVED

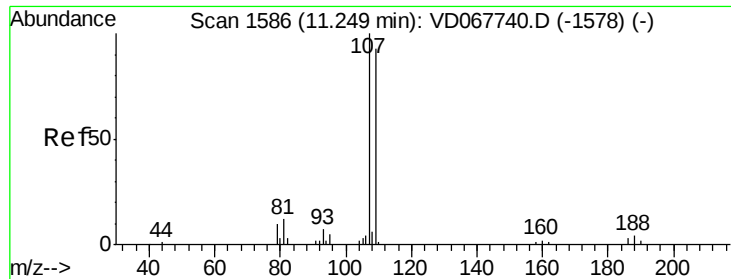
MMDadoda
11/30/2020 9:59:00 AM



#60
Dibromochloromethane
Concen: 20.662 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.6	115.7





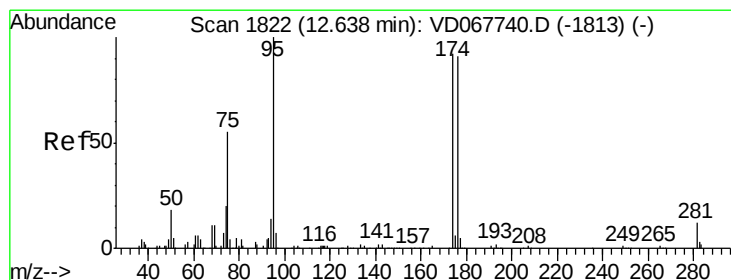
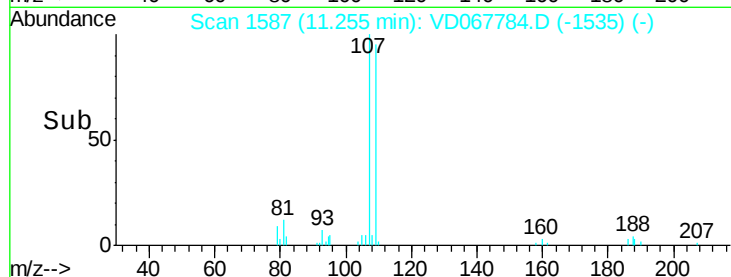
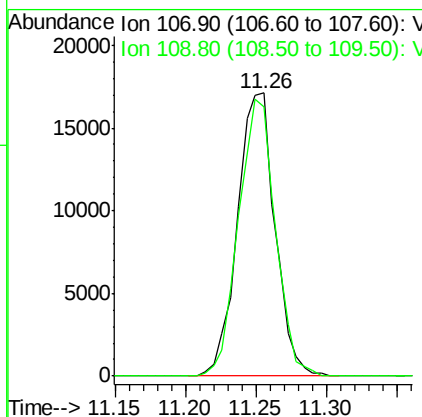
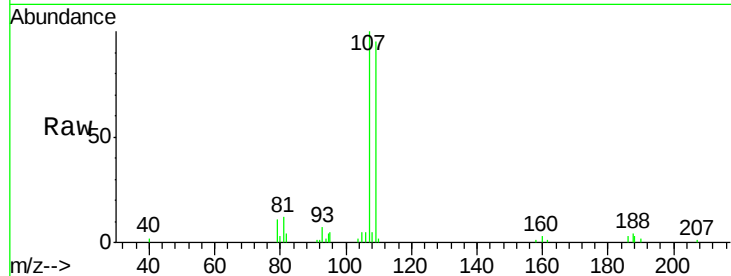
#61
 1,2-Dibromoethane
 Concen: 19.972 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion: 107 Resp: 31915
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.1 112.7

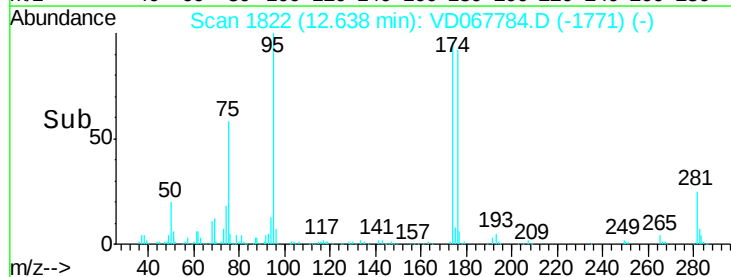
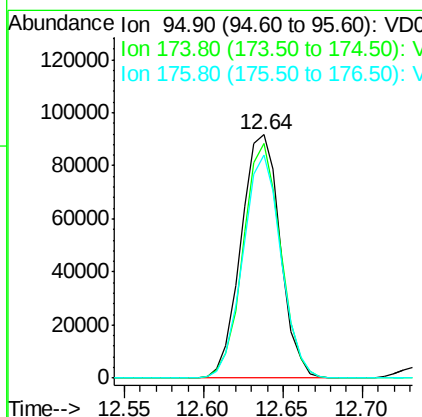
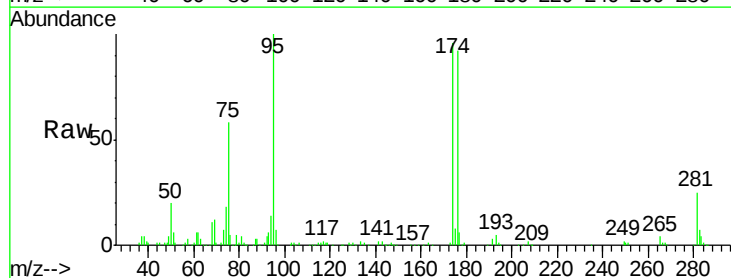
Manual Integrations
 APPROVED

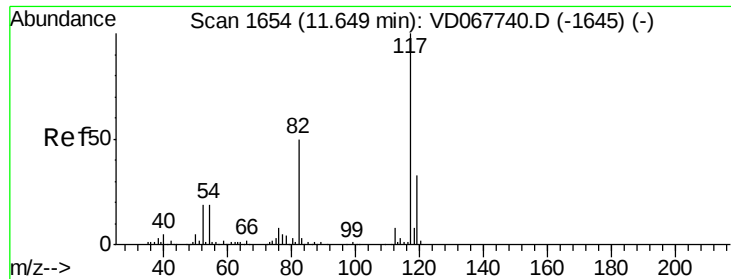
MMDadoda
 11/30/2020 9:59:00 AM



#62
 4-Bromofluorobenzene
 Concen: 53.946 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion: 95 Resp: 157508
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 182.4
 176 89.2 0.0 178.2





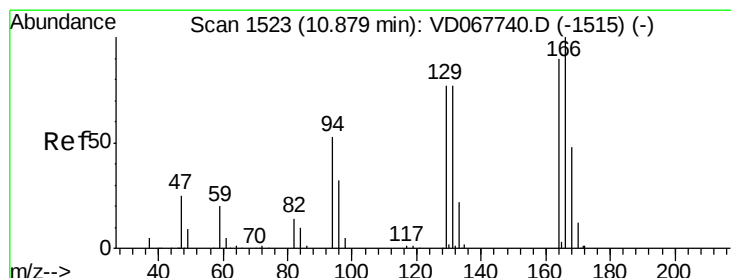
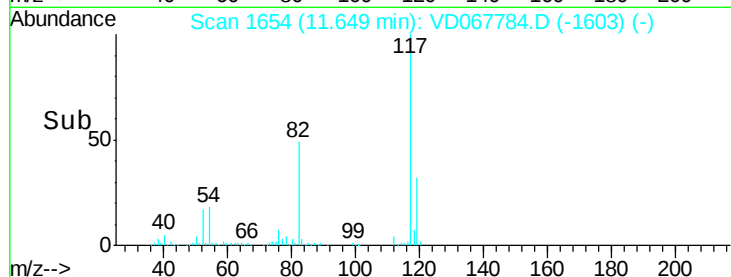
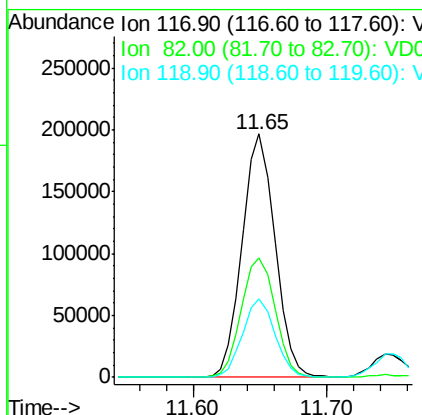
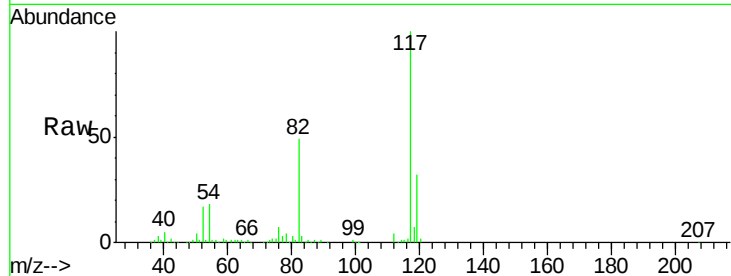
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	336425		
82	49.1		40.2	60.4
119	32.2		26.5	39.7

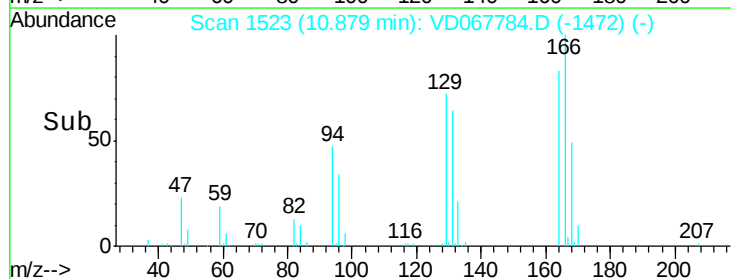
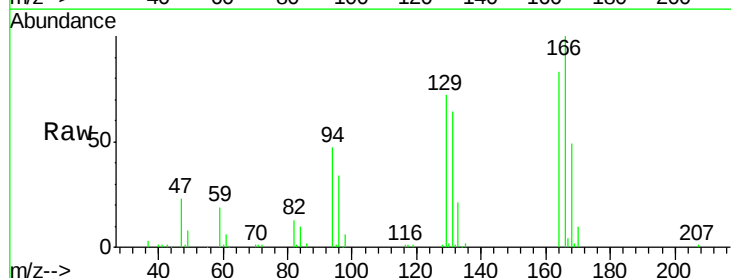
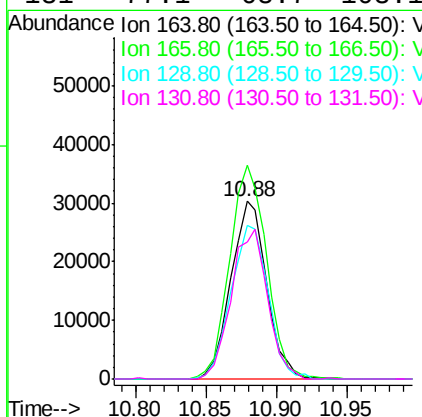
Manual Integrations
APPROVED

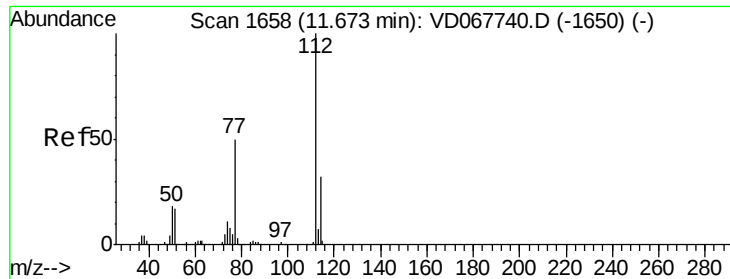
MMDadoda
11/30/2020 9:59:00 AM



#64
Tetrachloroethene
Concen: 20.418 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53314		
166	120.1		89.2	133.8
129	86.5		68.4	102.6
131	77.1		68.7	103.1





#65

Chlorobenzene

Concen: 20.170 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion:112 Resp: 133368

Ion Ratio Lower Upper

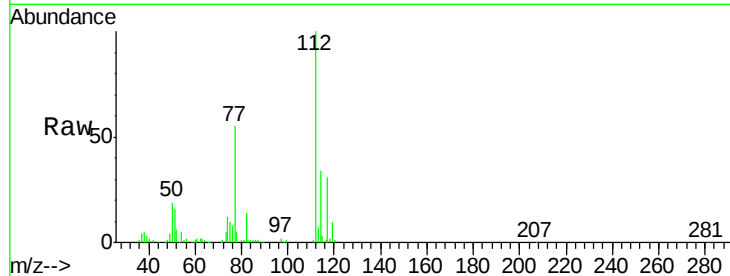
112 100

114 34.0 25.8 38.8

Manual Integrations
APPROVED

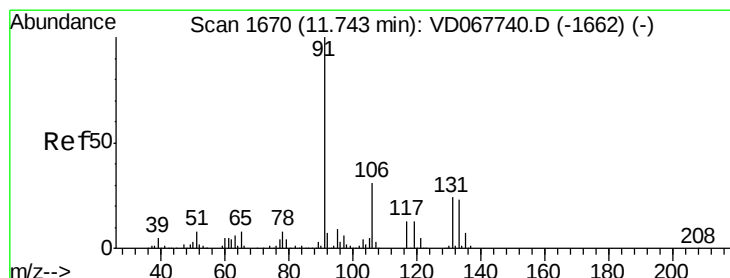
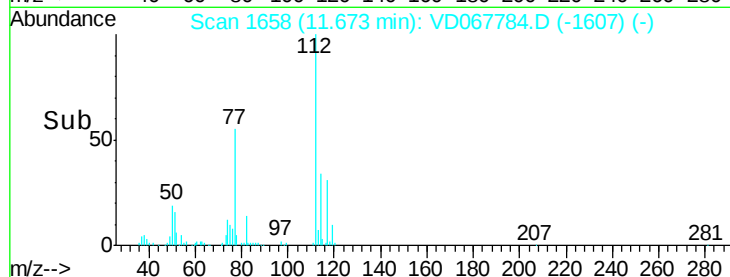
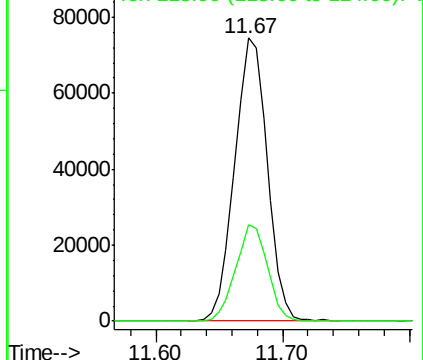
MMDadoda

11/30/2020 9:59:00 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.379 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

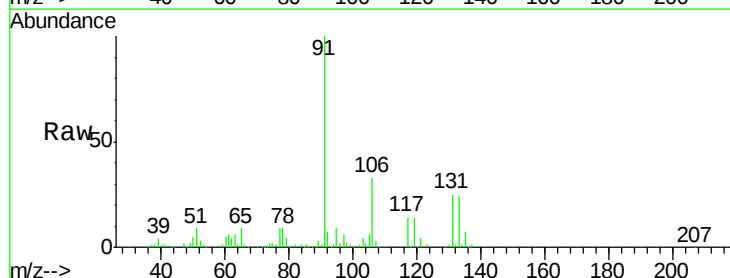
Tgt Ion:131 Resp: 57183

Ion Ratio Lower Upper

131 100

133 95.9 49.0 147.0

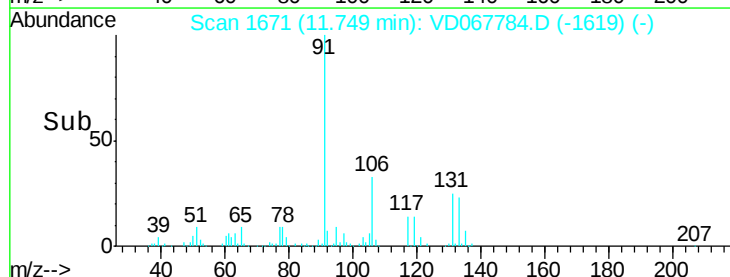
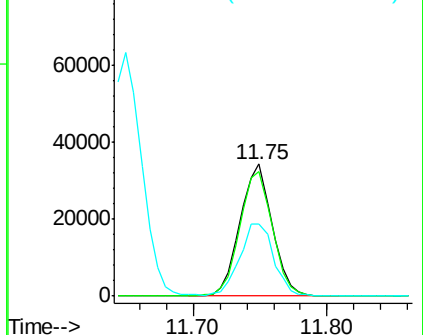
119 58.5 28.8 86.5

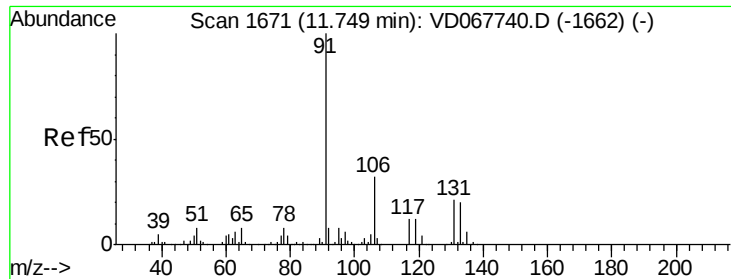


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.101 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1125SBS01

Tot Ion: 91 Resp: 229458

Ion Ratio Lower Upper

91 100

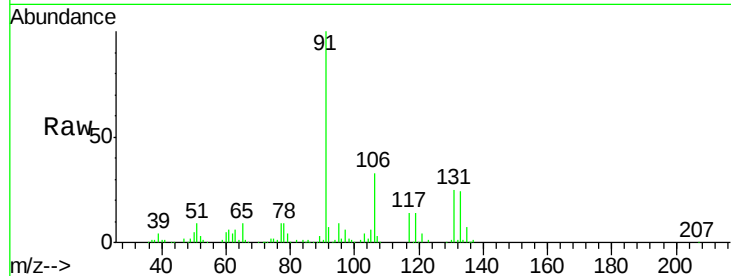
106 32.6 25.7 38.5

Manual Integrations

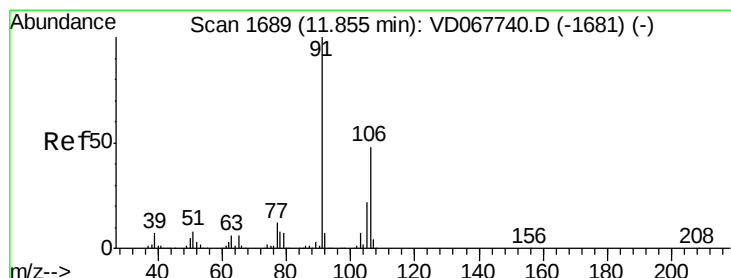
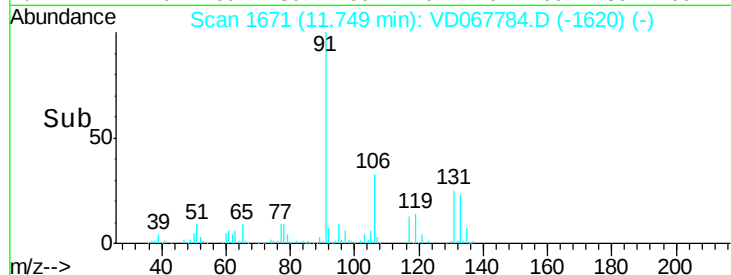
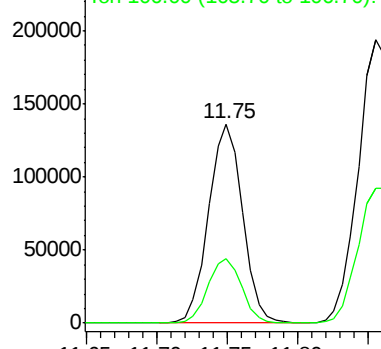
APPROVED

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11/30/2020 9:59:00 AM



Abundance Ion 91.00 (90.70 to 91.70): VD067784.D (-1662) (-)



#68

m/p-Xylenes

Concen: 41.600 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067784.D

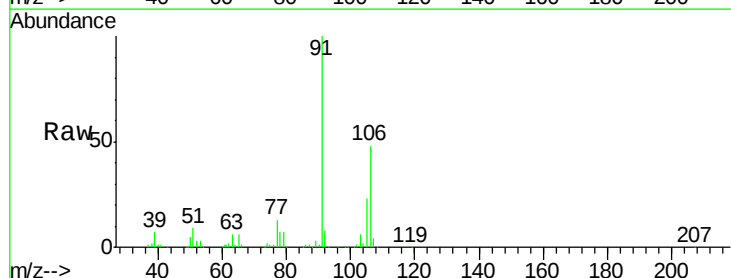
Acq: 25 Nov 2020 13:54

Tgt Ion: 106 Resp: 184793

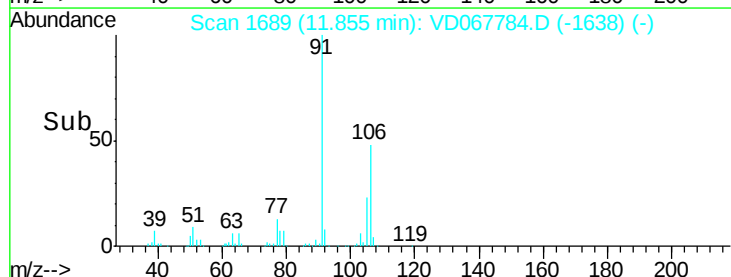
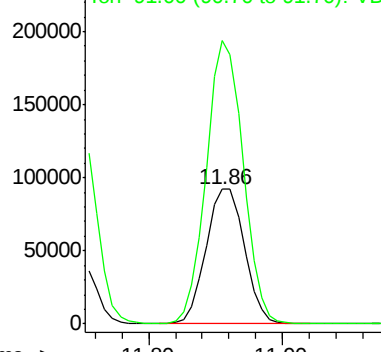
Ion Ratio Lower Upper

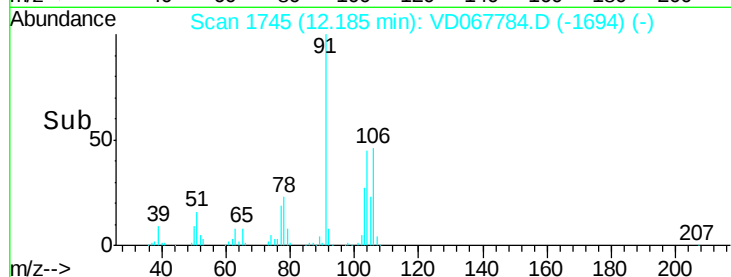
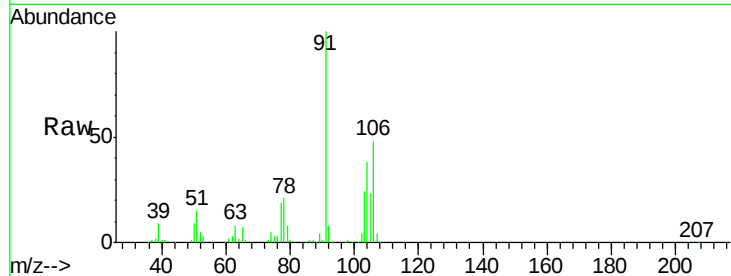
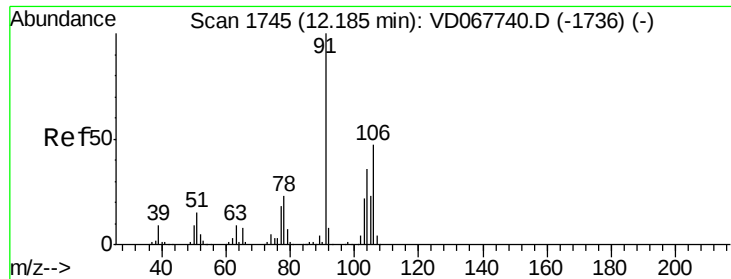
106 100

91 200.8 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): VD067784.D (-1681) (-)





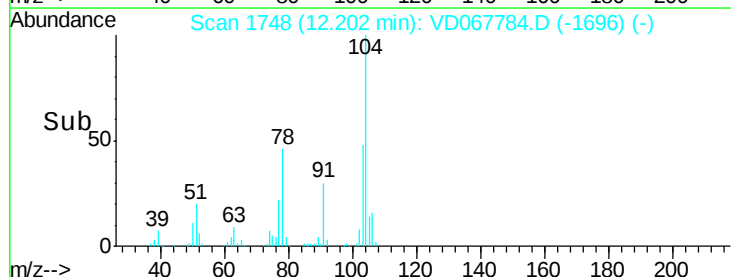
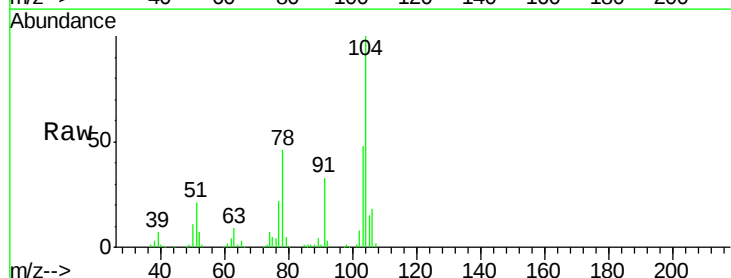
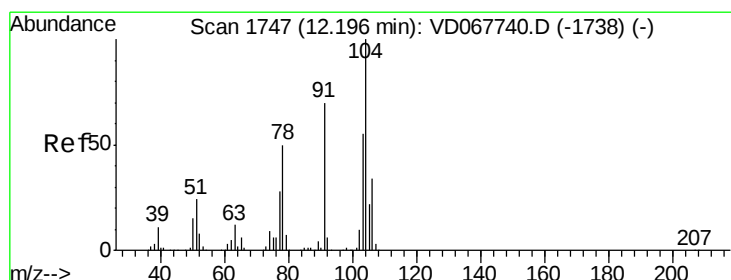
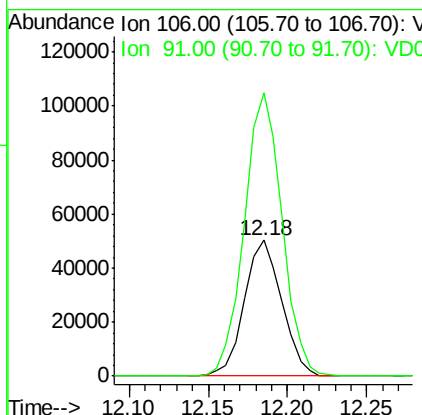
#69
o-Xylene
Concen: 20.431 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tot Ion:106 Resp: 82633
Ion Ratio Lower Upper
106 100
91 210.1 106.2 318.6

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

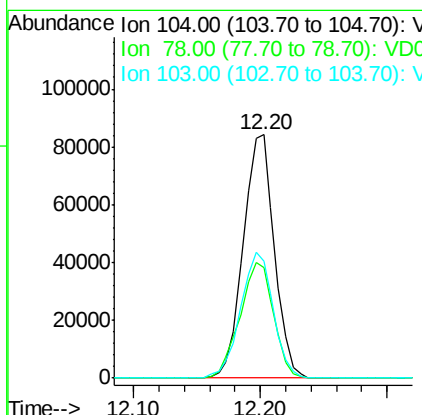
Manual Integrations
APPROVED

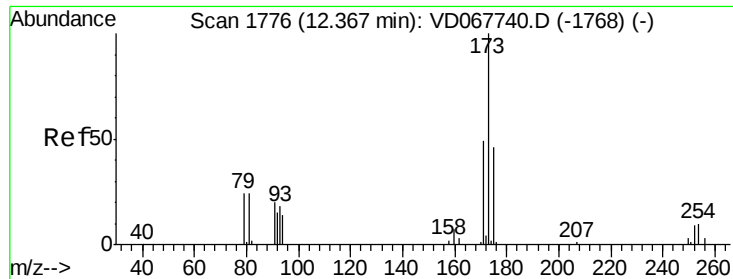
MMDadoda
11/30/2020 9:59:00 AM



#70
Styrene
Concen: 20.828 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion:104 Resp: 143485
Ion Ratio Lower Upper
104 100
78 51.4 41.9 62.9
103 54.3 44.1 66.1





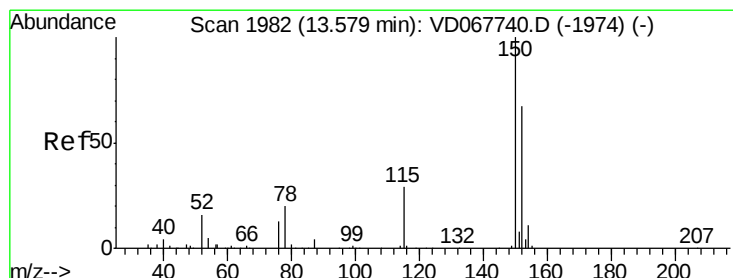
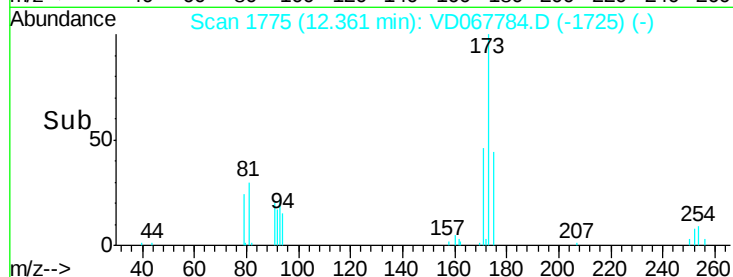
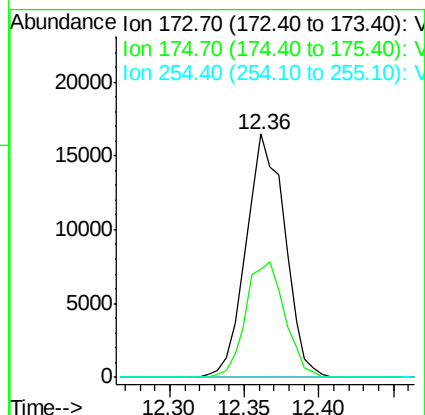
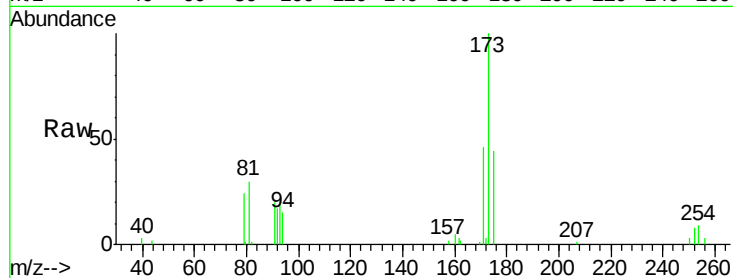
#71
Bromoform
Concen: 20.339 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.9	71.7
254	0.0	0.0	0.0

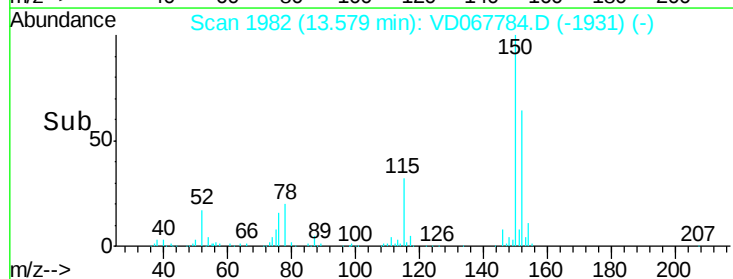
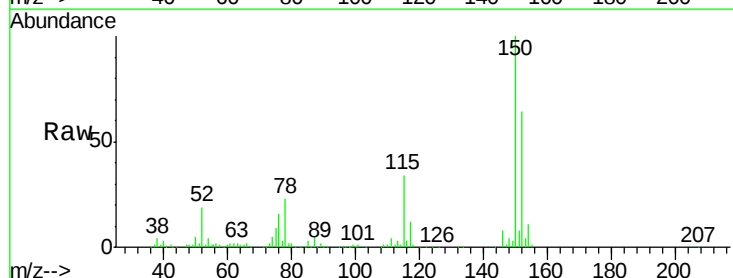
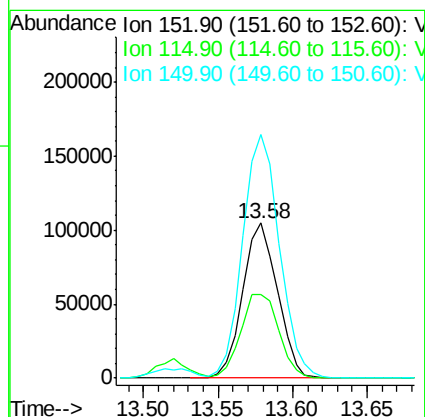
Manual Integrations
APPROVED

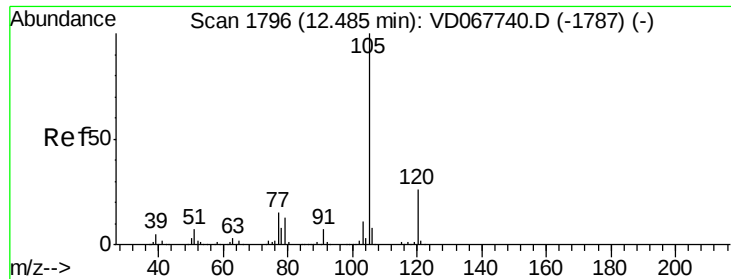
MMDadoda
11/30/2020 9:59:00 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.4	88.3
150	166.1	0.0	340.6





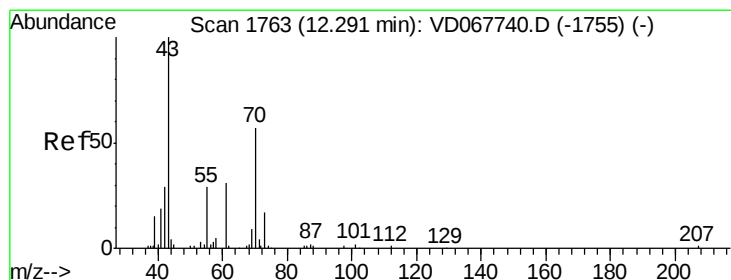
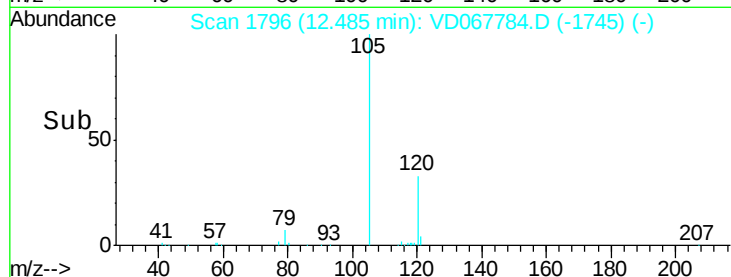
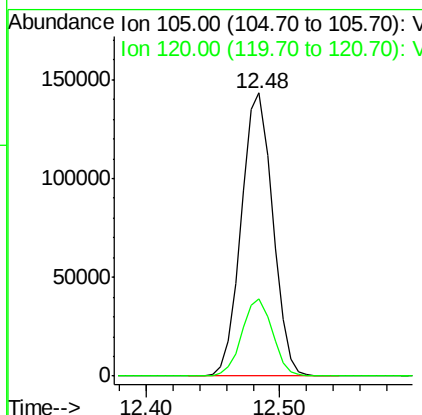
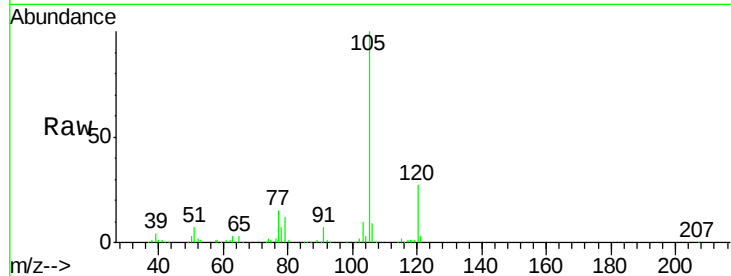
#73
Isopropylbenzene
Concen: 20.938 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.6

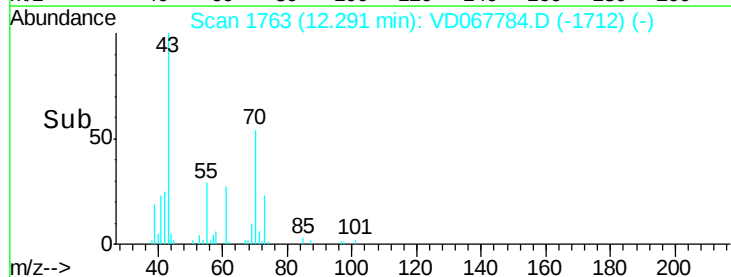
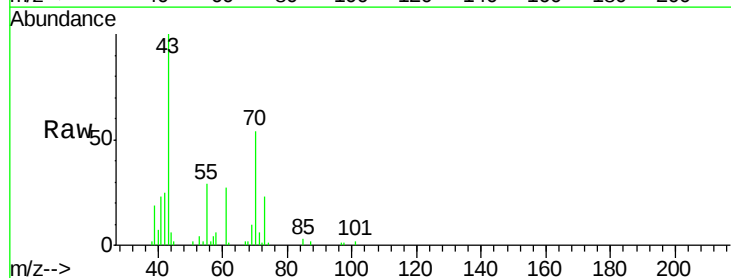
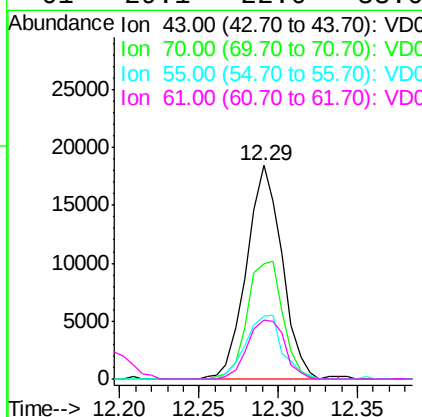
Manual Integrations
APPROVED

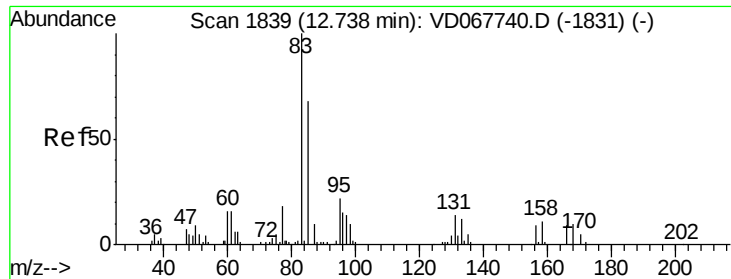
MMDadoda
11/30/2020 9:59:00 AM



#74
N-ethyl acetate
Concen: 19.597 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
43	100		
70	55.2	44.6	66.8
55	30.5	24.2	36.2
61	29.1	22.0	33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.269 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

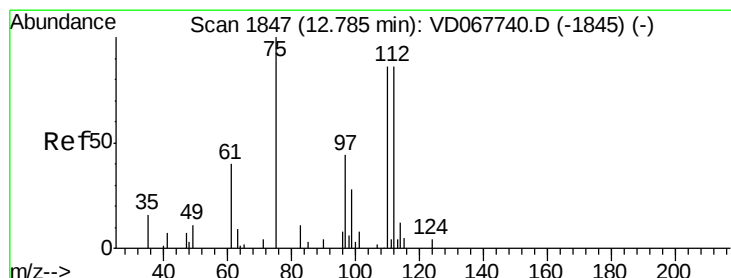
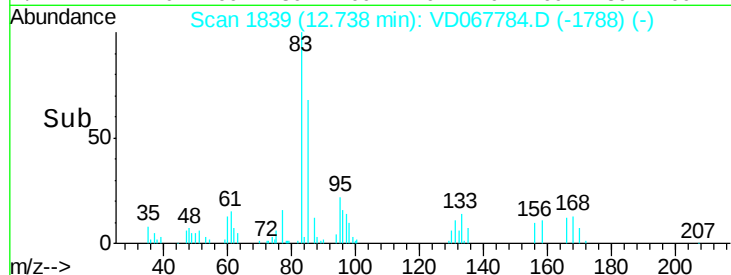
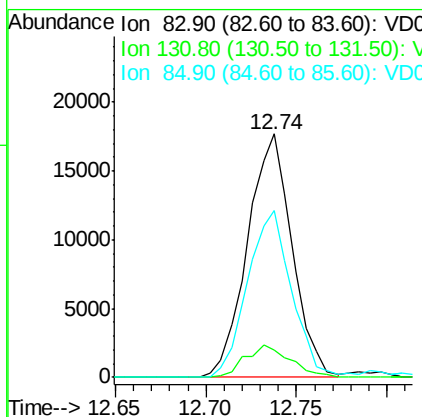
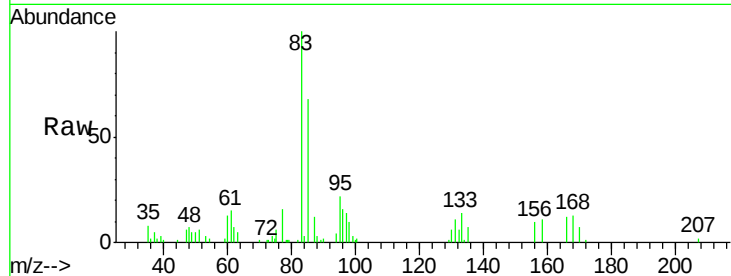
ClientSampleId :

VD1125SBS01

Tot Ion	83	Resp	30246
Ion	Ratio	Lower	Upper
83	100		
131	13.4	8.1	24.1
85	68.1	33.9	101.7

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#76

1,2,3-Trichloropropane

Concen: 16.314 ug/l m

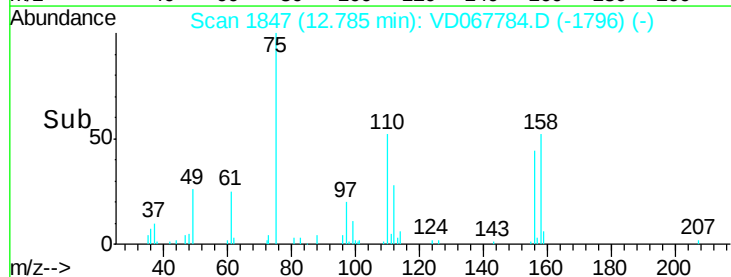
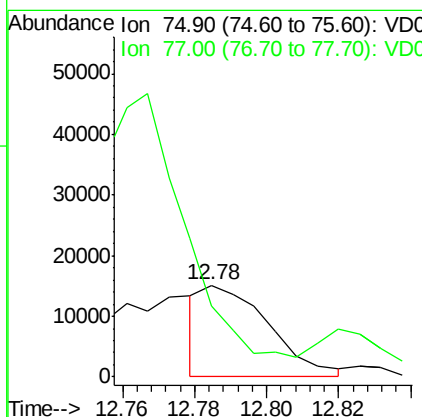
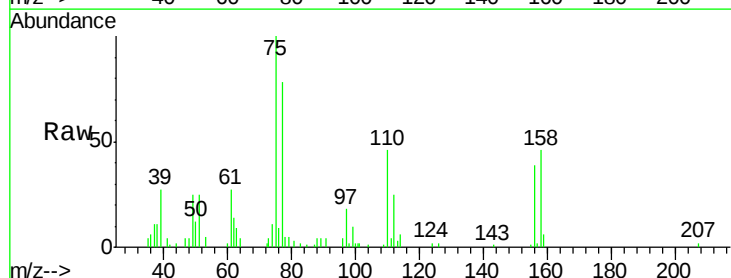
RT: 12.78 min Scan# 1847

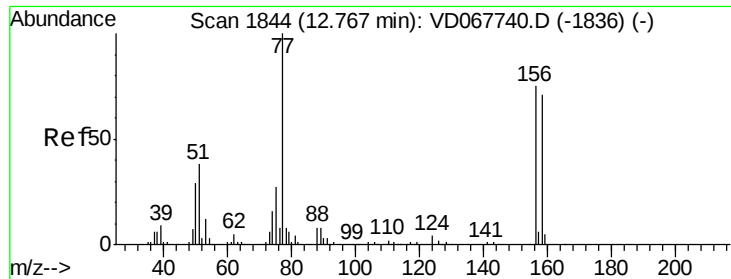
Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Tgt Ion	75	Resp	19214
Ion	Ratio	Lower	Upper
75	100		
77	458.1	0.0	0.0#





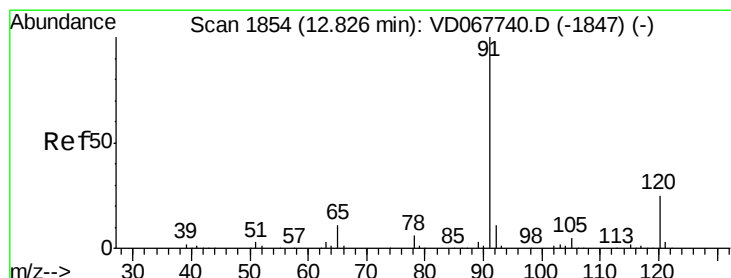
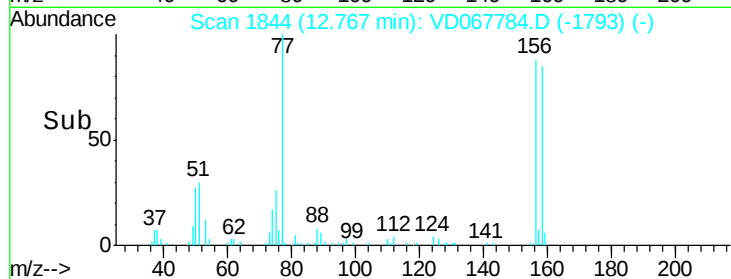
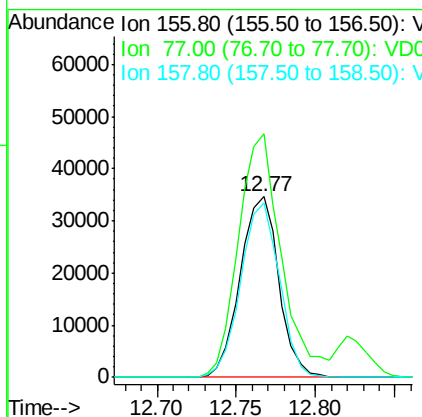
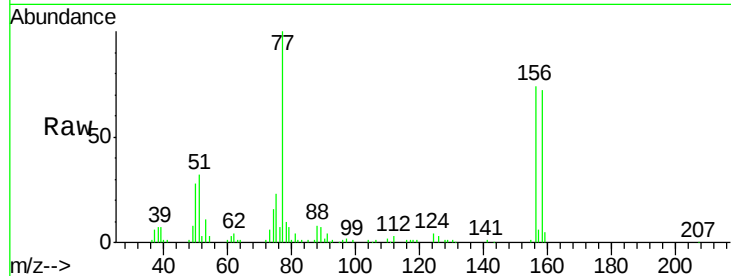
#77
Bromobenzene
Concen: 21.053 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	150.2	73.5	220.3	
158	96.9	48.1	144.4	

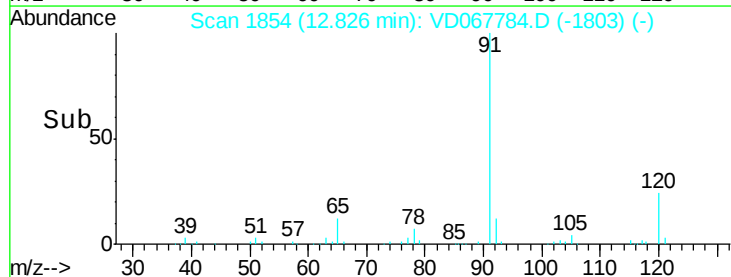
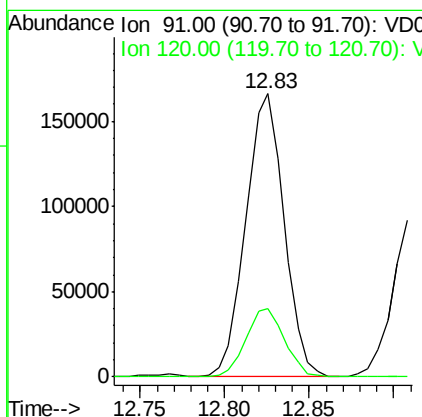
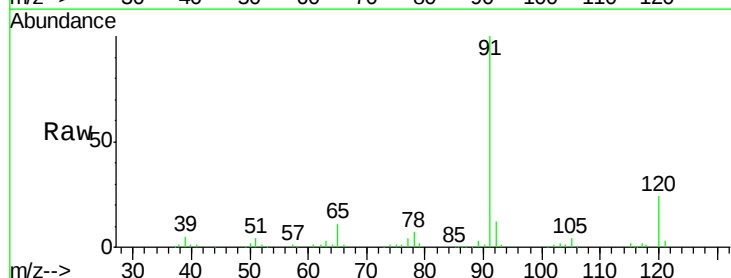
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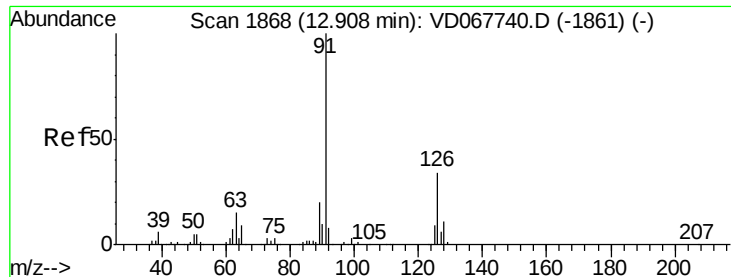
MMDadoda
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#78
n-propylbenzene
Concen: 21.173 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.4	12.4	37.4	





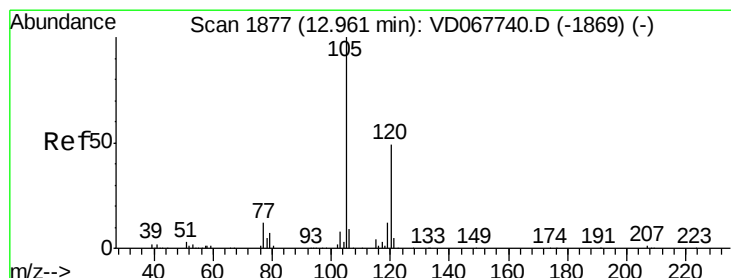
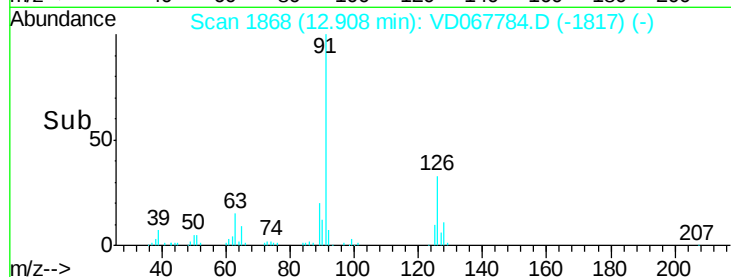
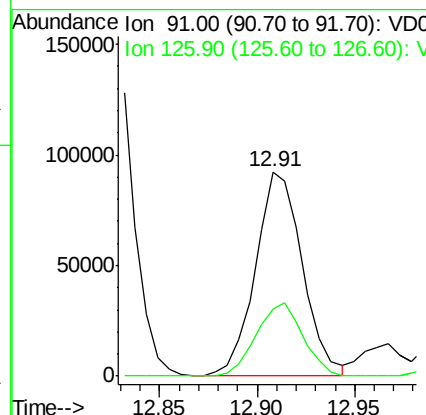
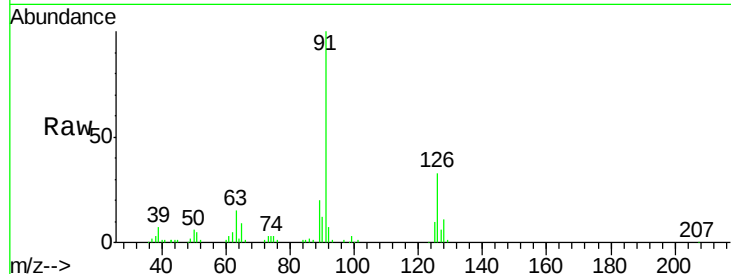
#79
 2-Chlorotoluene
 Concen: 20.969 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion: 91 Resp: 153577
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.9 53.7

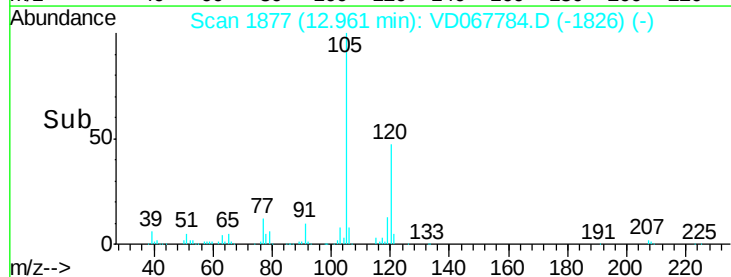
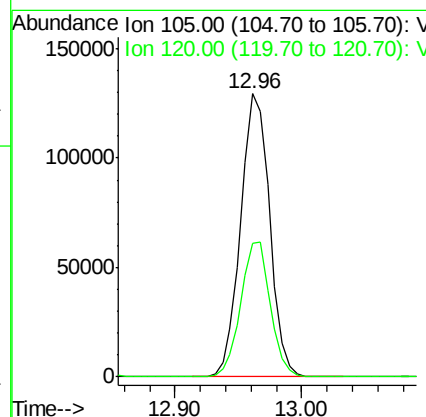
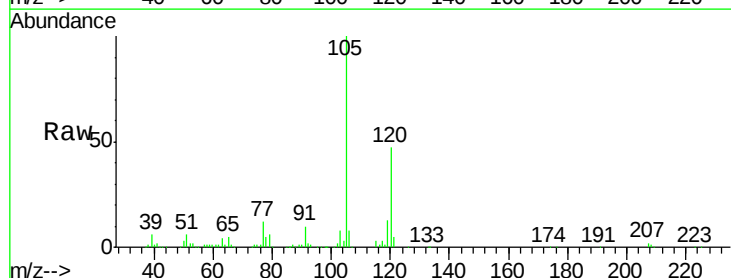
Manual Integrations
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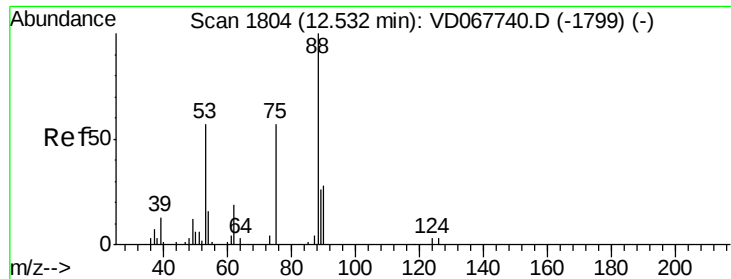
MMDadoda
 11/30/2020 9:59:00 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.197 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion: 105 Resp: 204993
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.248 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

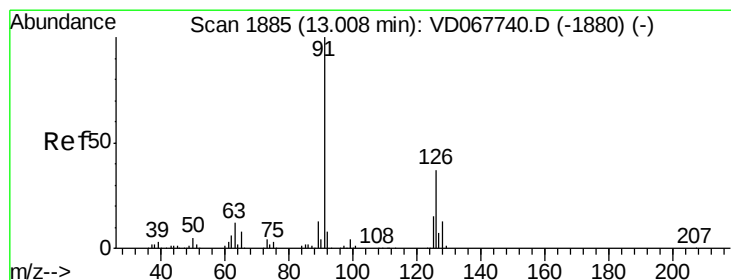
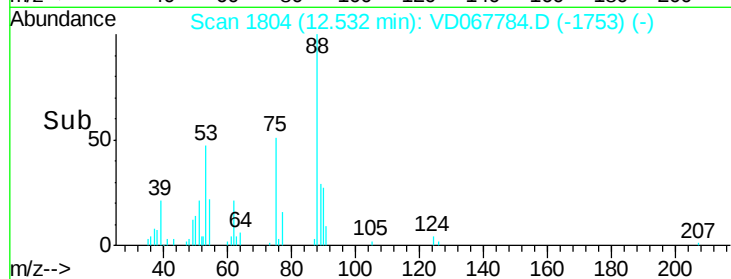
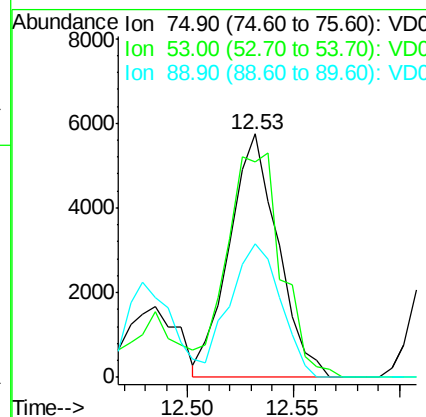
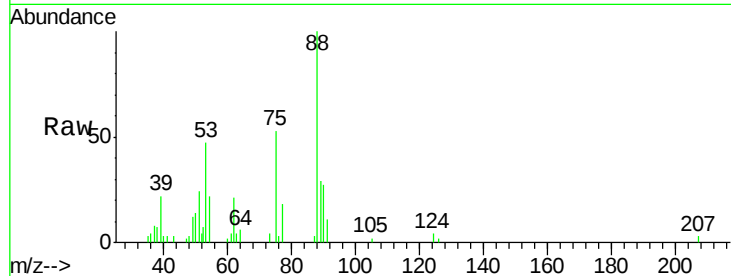
ClientSampleId :

VD1125SBS01

Tot Ion:	75	Resp:	9189
Ion	Ratio	Lower	Upper
75	100		
53	103.6	76.0	114.0
89	56.7	40.2	60.4

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#82

4-Chlorotoluene

Concen: 21.302 ug/l

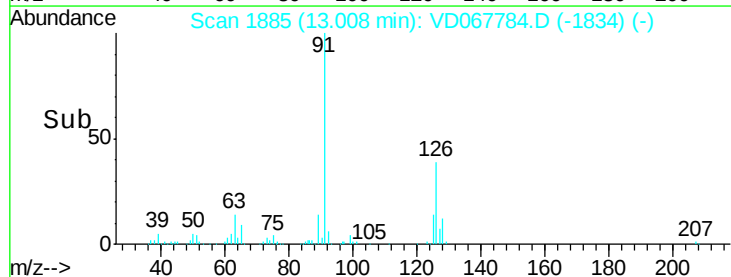
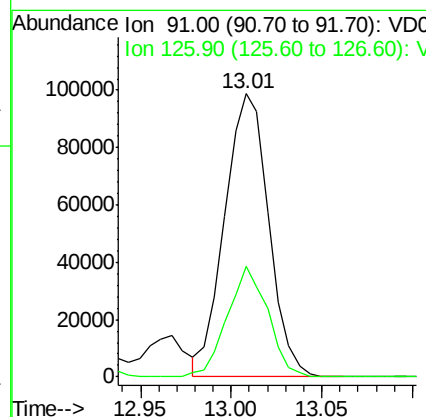
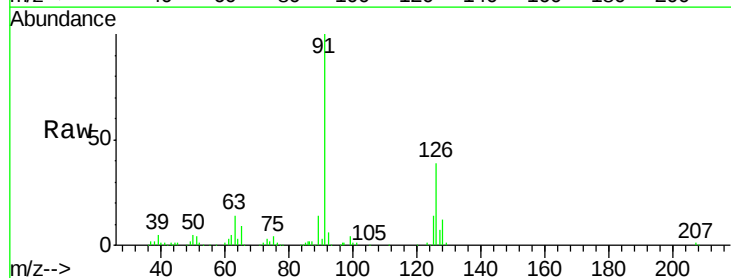
RT: 13.01 min Scan# 1885

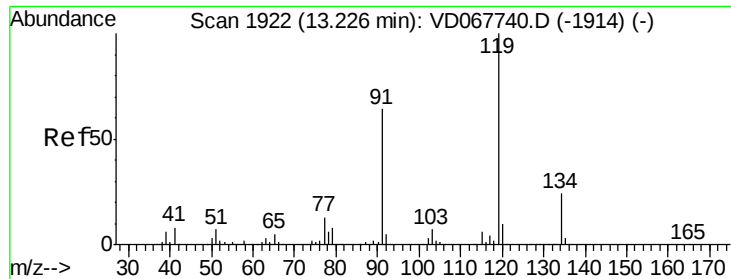
Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Tgt Ion:	91	Resp:	166238
Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.7	53.1





#83

tert-Butylbenzene

Concen: 19.813 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Instrument :

MSVOA_D

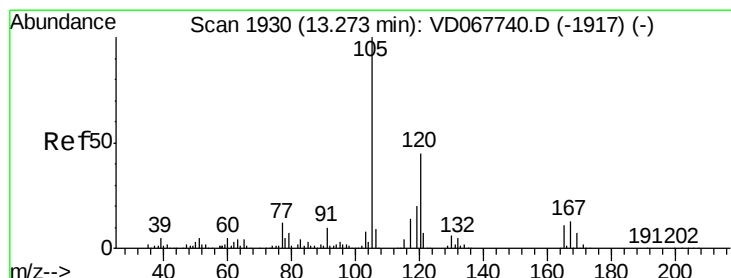
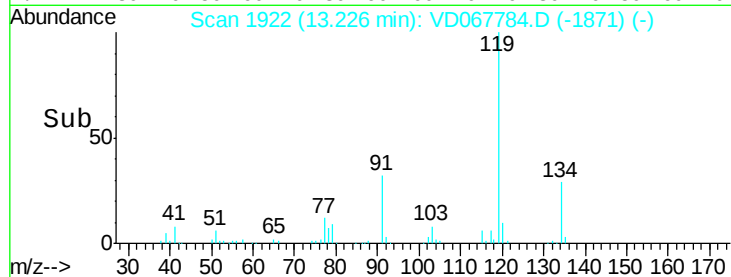
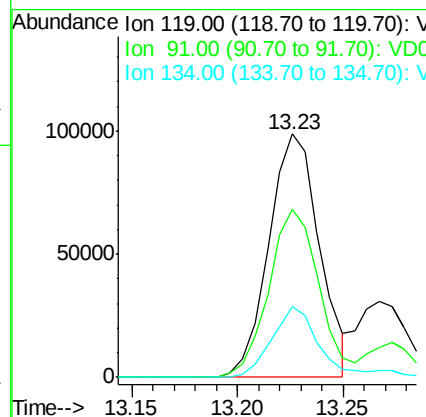
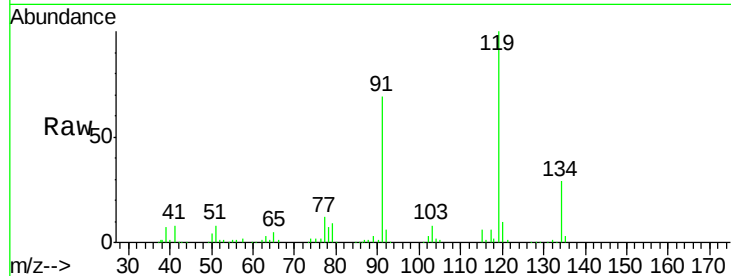
ClientSampleId :

VD1125SBS01

Tot Ion:	119	Resp:	164646
Ion Ratio	Lower	Upper	
119	100		
91	68.5	32.9	98.7
134	28.4	12.9	38.6

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#84

1,2,4-Trimethylbenzene

Concen: 21.290 ug/l

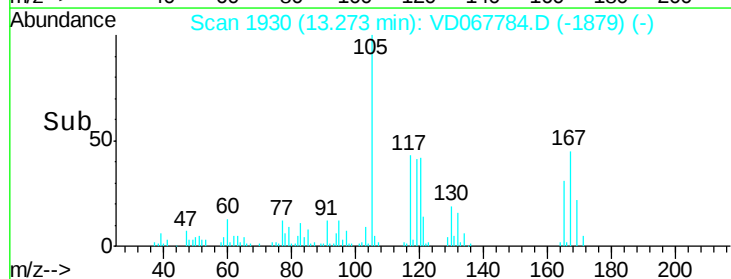
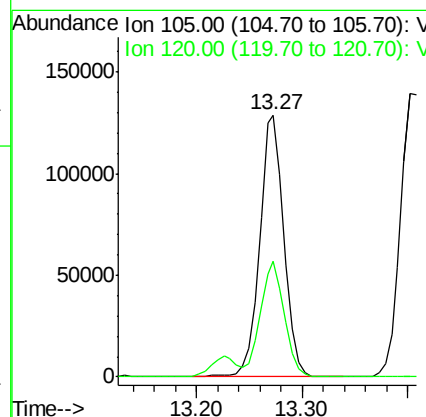
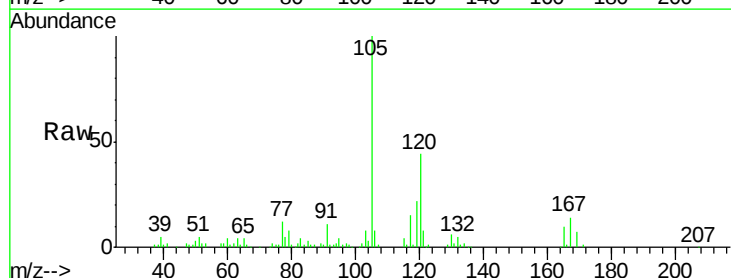
RT: 13.27 min Scan# 1930

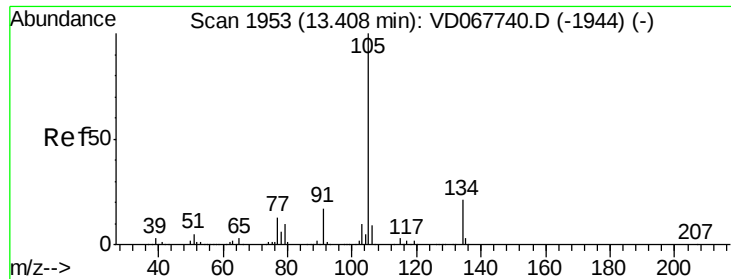
Delta R.T. 0.00 min

Lab File: VD067784.D

Acq: 25 Nov 2020 13:54

Tgt Ion:	105	Resp:	205678
Ion Ratio	Lower	Upper	
105	100		
120	43.7	22.6	67.7





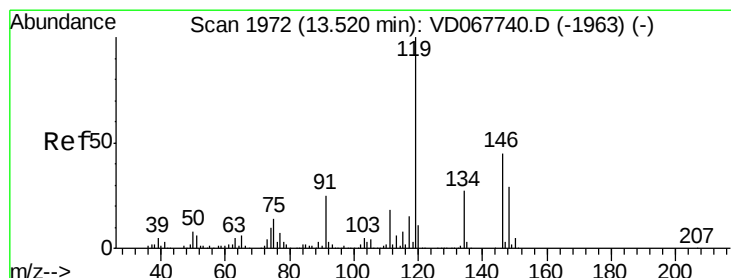
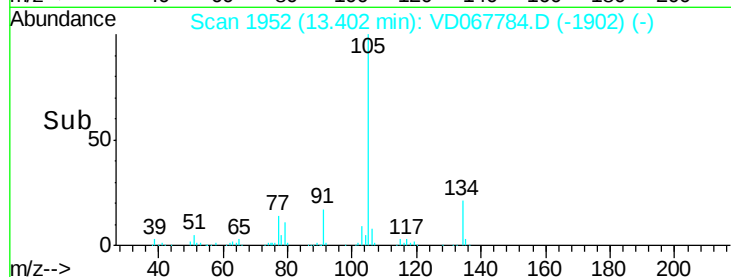
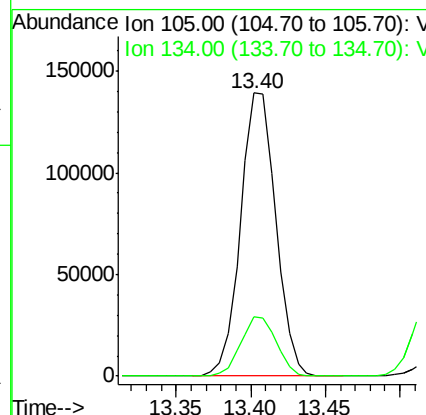
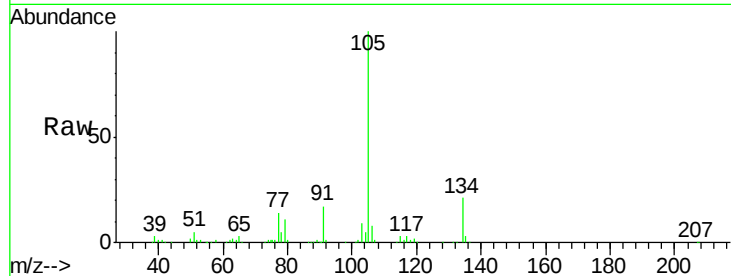
#85
 sec-Butylbenzene
 Concen: 20.896 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.7	32.1

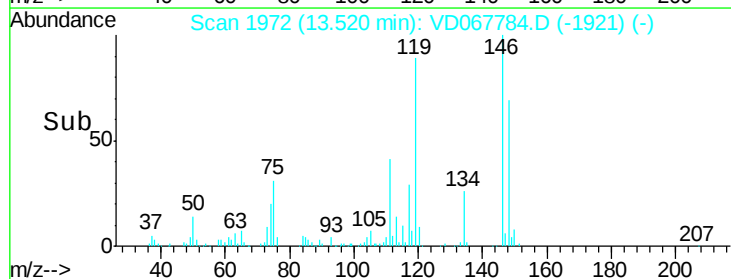
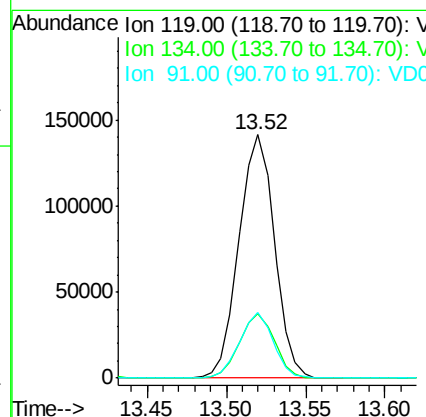
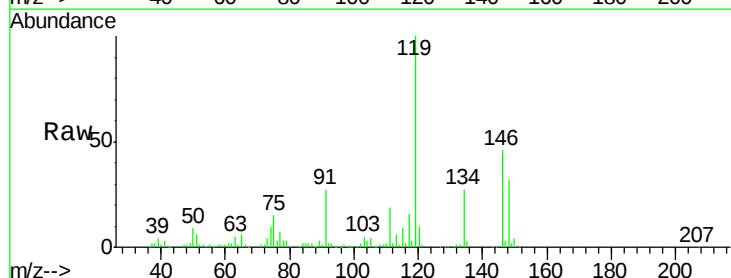
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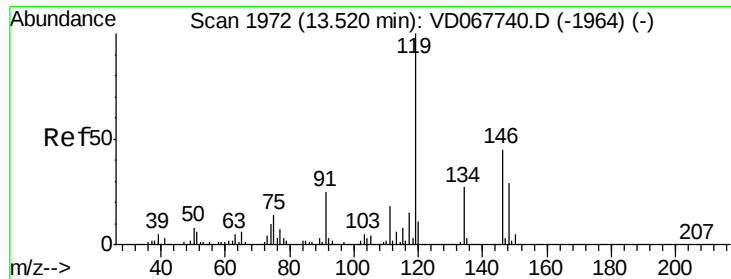
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#86
 p-Isopropyltoluene
 Concen: 20.915 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	25.4	12.7	38.1





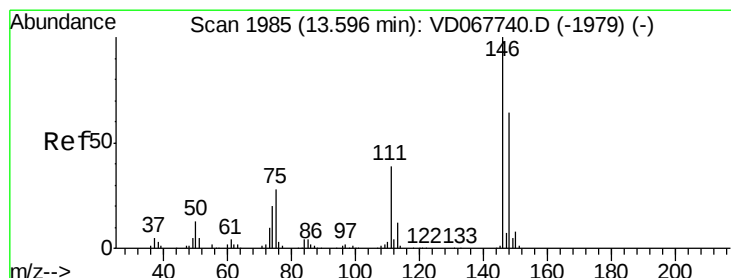
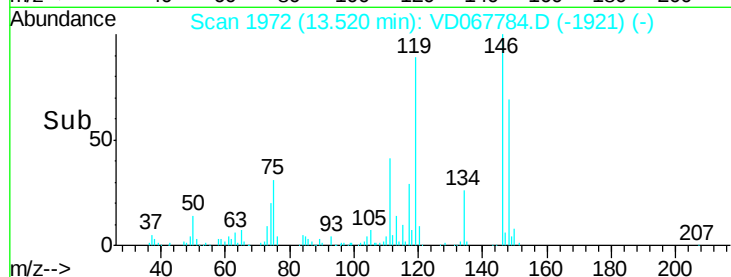
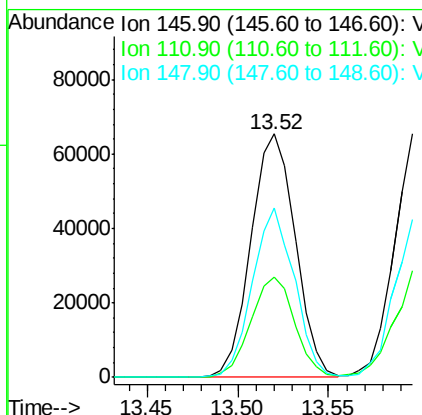
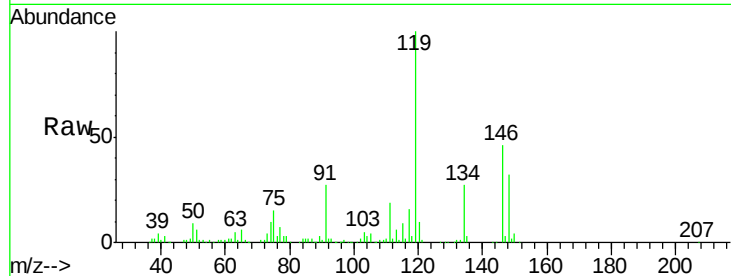
#87
 1,3-Dichlorobenzene
 Concen: 20.662 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.6
148	65.9	32.5	97.4

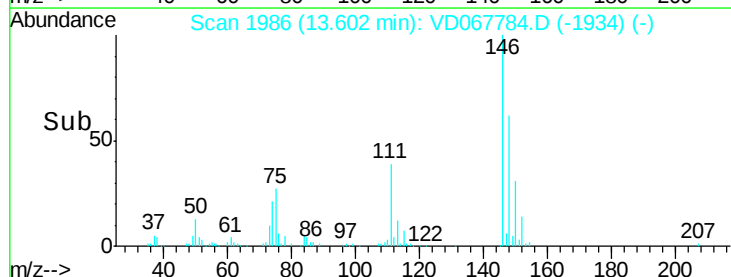
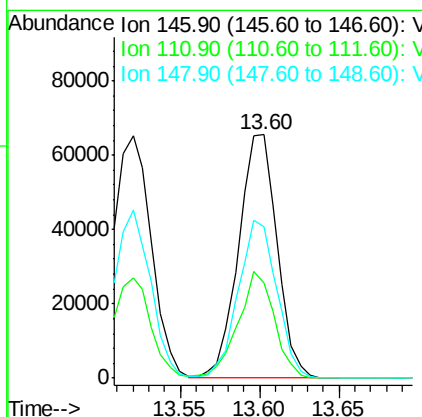
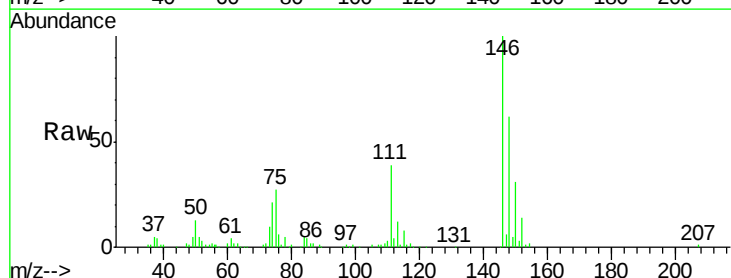
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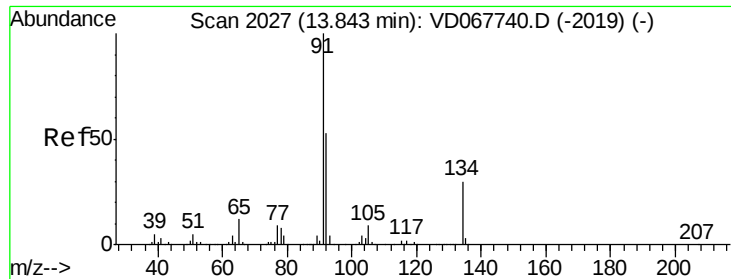
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 11/30/2020 9:59:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.752 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.4	58.4
148	64.8	31.6	94.8





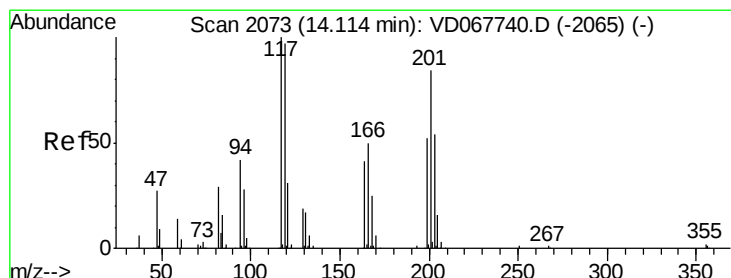
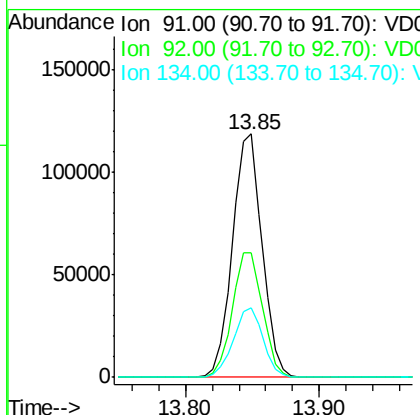
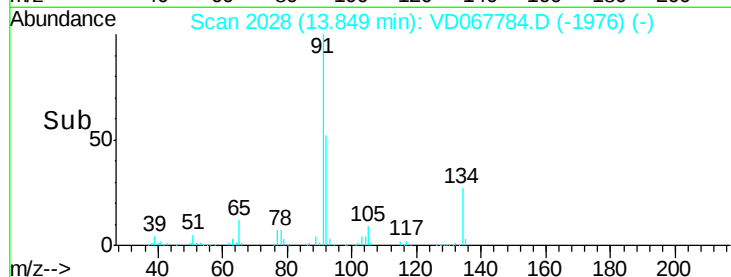
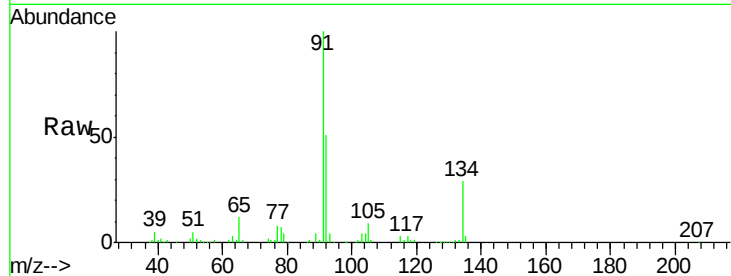
#89
n-Butylbenzene
Concen: 20.235 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.6	79.7
134	28.6	14.8	44.3

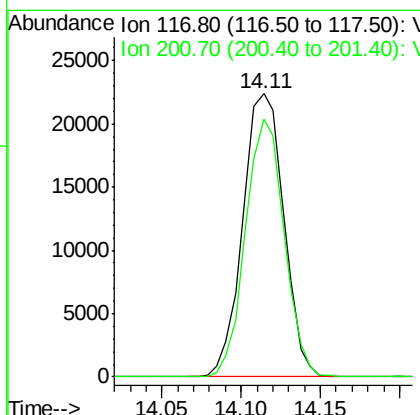
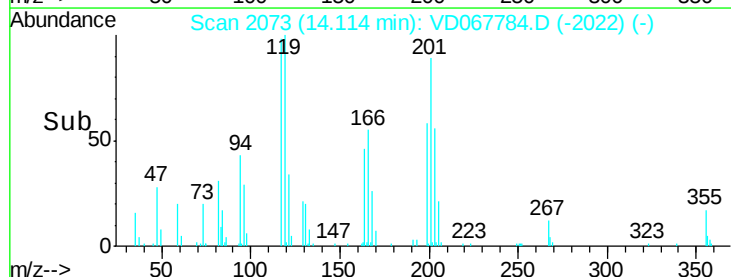
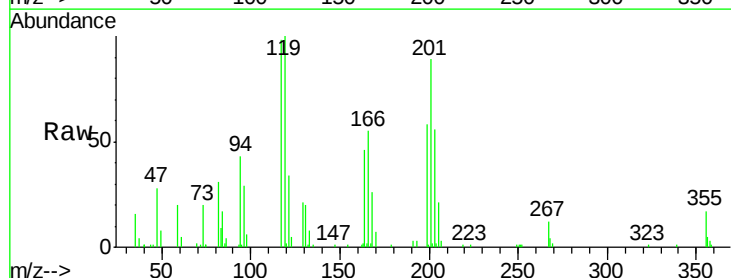
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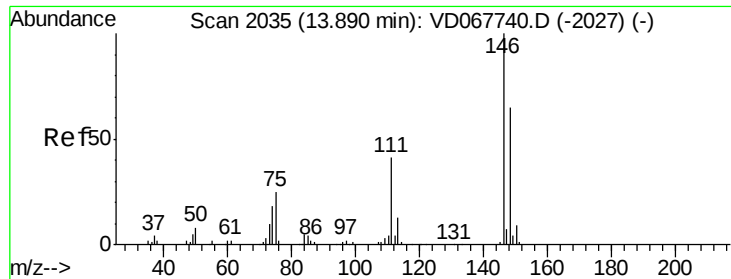
MMDadoda
11/30/2020 9:59:00 AM



#90
Hexachloroethane
Concen: 20.025 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	42.2	126.6





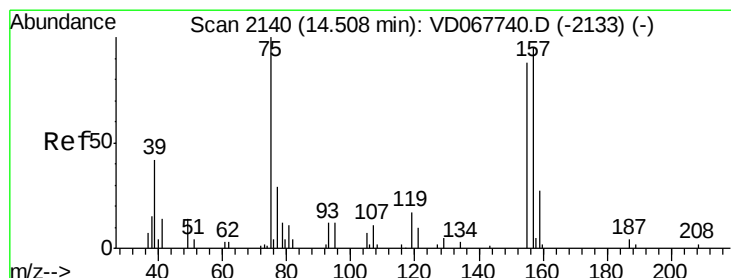
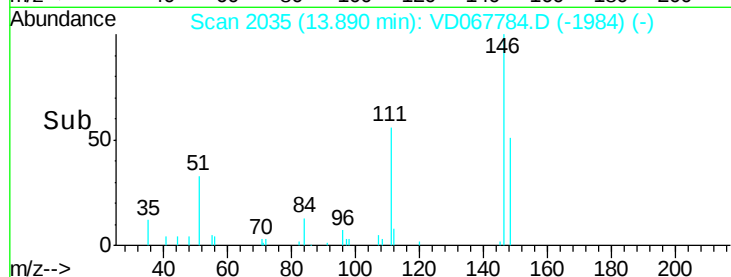
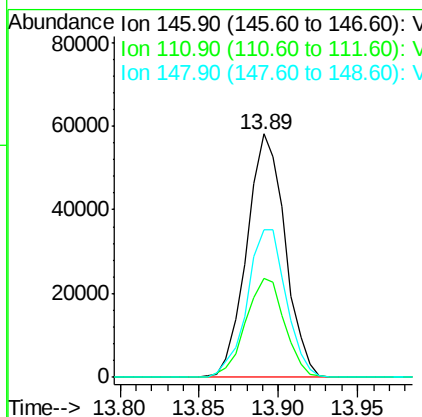
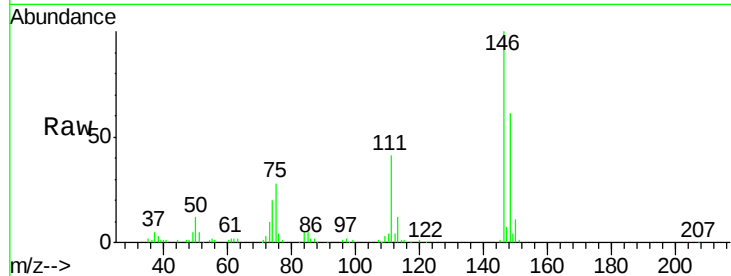
#91
 1,2-Dichlorobenzene
 Concen: 21.046 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.5
148	61.8	32.4	97.2

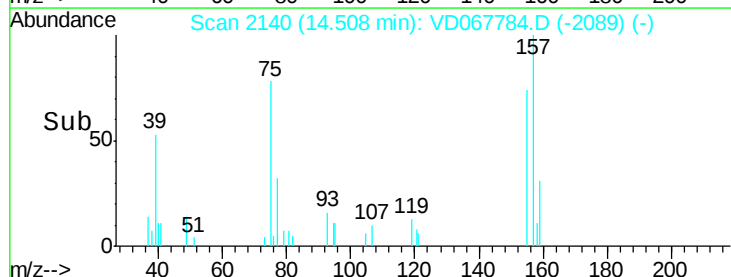
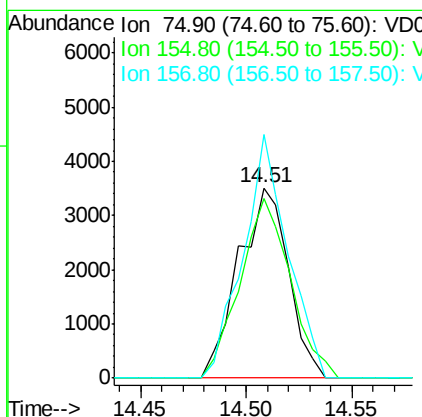
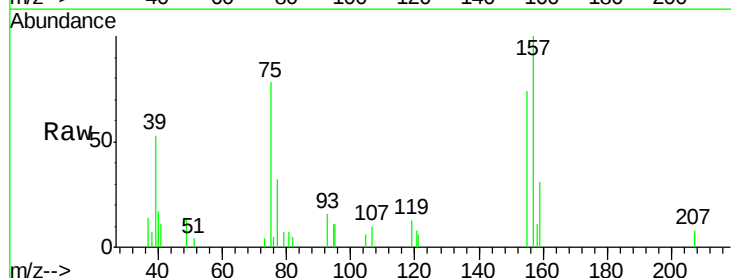
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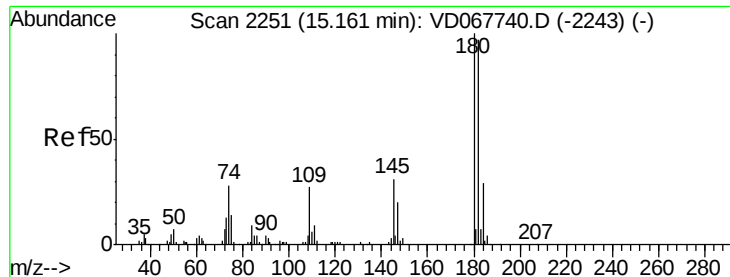
MMDadoda
 11/30/2020 9:59:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.805 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	41.0	123.0
157	115.2	51.1	153.4





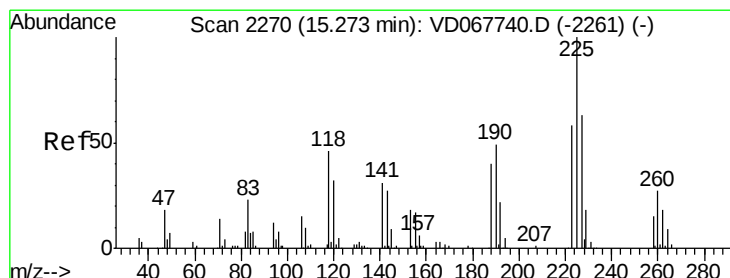
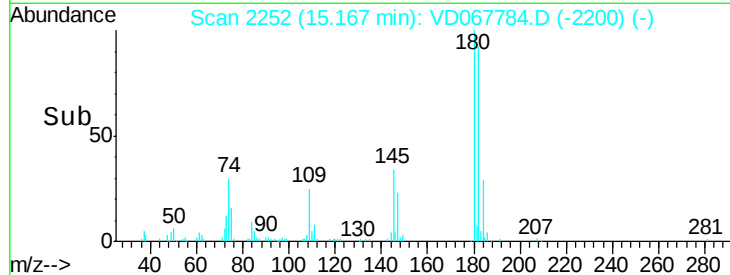
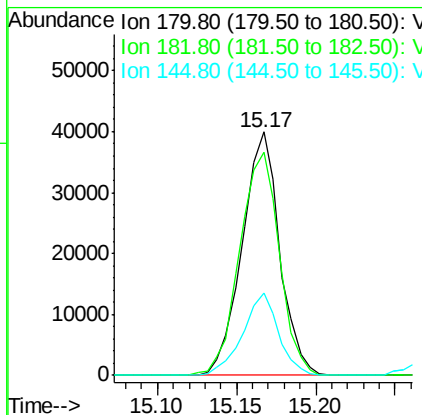
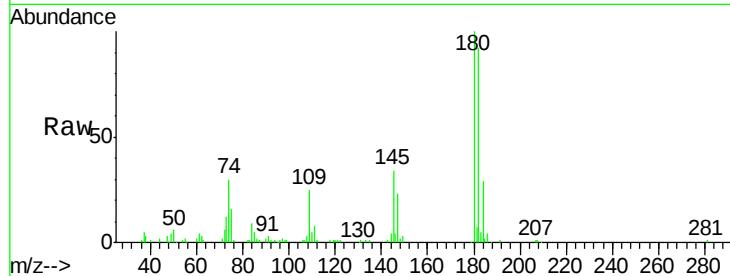
#93
 1,2,4-Trichlorobenzene
 Concen: 19.940 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1125SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	65516		
182	96.8		47.4	142.2
145	32.3		16.1	48.3

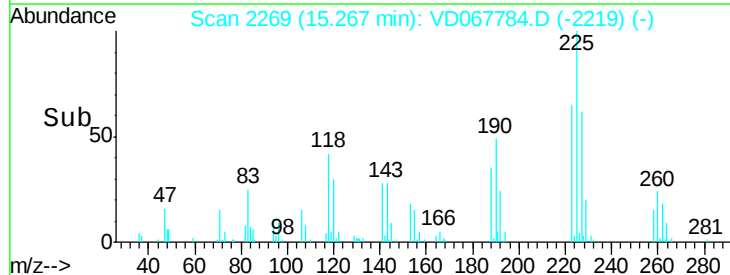
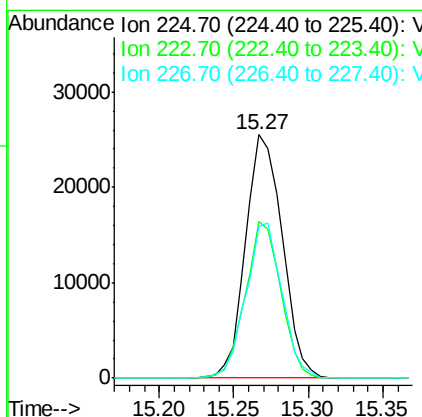
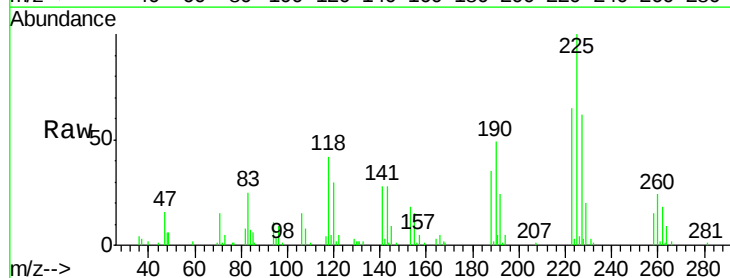
Manual Integrations
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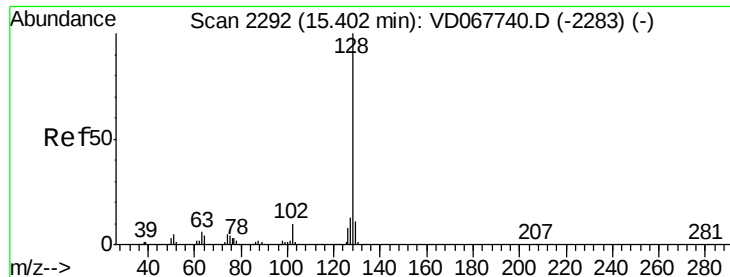
MMDadoda
 11/30/2020 9:59:00 AM



#94
 Hexachlorobutadiene
 Concen: 20.680 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067784.D
 Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43413		
223	62.1		31.5	94.5
227	62.7		32.9	98.7





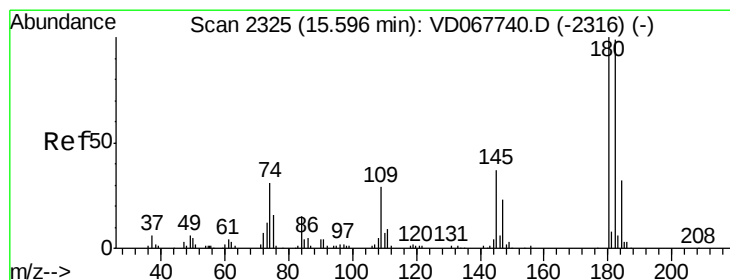
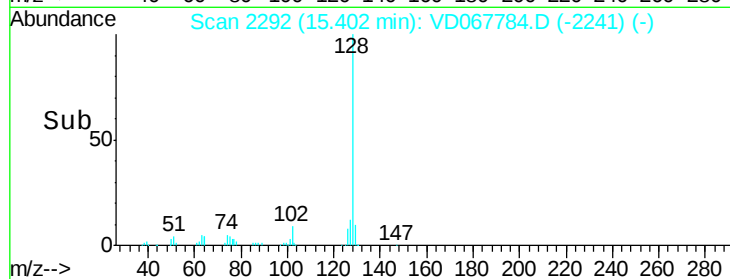
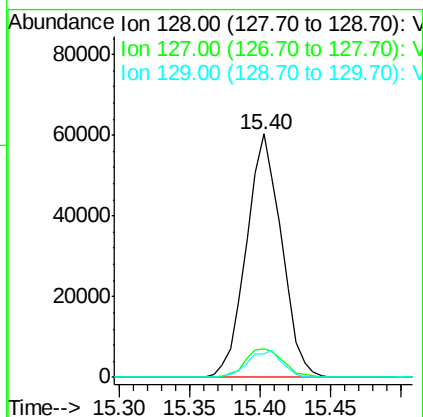
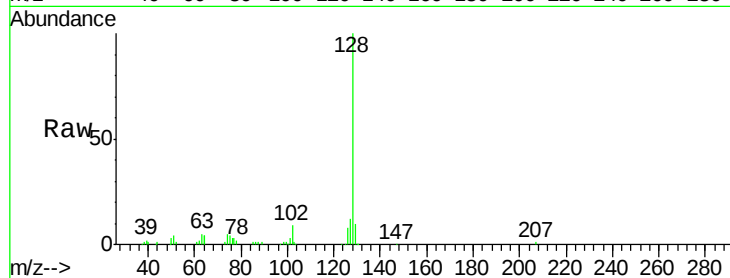
#95
Naphthalene
Concen: 19.847 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Instrument :
MSVOA_D
ClientSampleId :
VD1125SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	10.9	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.736 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067784.D
Acq: 25 Nov 2020 13:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.0
145	36.9	16.8	50.4

