

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065777.D
 Acq On : 08 Jun 2020 13:41
 Operator : VA/SY
 Sample : VD0608SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 2:50:41 PM

Quant Time: Jun 09 06:49:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	216676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	340896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	310655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	155444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	115538	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
35) Dibromofluoromethane	7.91	113	111462	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	10.34	98	429844	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.64	95	143211	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	38027	24.046	ug/l	97
3) Chloromethane	2.21	50	63864	23.242	ug/l	98
4) Vinyl Chloride	2.35	62	69518	21.746	ug/l	99
5) Bromomethane	2.76	94	47620	21.300	ug/l	94
6) Chloroethane	2.92	64	47710	22.072	ug/l	98
7) Trichlorofluoromethane	3.27	101	84407	23.305	ug/l	93
8) Diethyl Ether	3.71	74	19789	20.782	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	48651	22.527	ug/l	98
10) Methyl Iodide	4.30	142	42291	20.109	ug/l	98
11) Tert butyl alcohol	5.20	59	17056	124.220	ug/l #	82
12) 1,1-Dichloroethene	4.07	96	42803	21.745	ug/l	96
13) Acrolein	3.92	56	12925	107.476	ug/l	92
14) Allyl chloride	4.71	41	69062	21.228	ug/l	98
15) Acrylonitrile	5.43	53	46414	107.317	ug/l	96
16) Acetone	4.15	43	42636	105.568	ug/l	93
17) Carbon Disulfide	4.40	76	144625	21.891	ug/l	99
18) Methyl Acetate	4.72	43	19573	19.253	ug/l #	83
19) Methyl tert-butyl Ether	5.47	73	92519	20.751	ug/l	94
20) Methylene Chloride	4.96	84	54097	22.802	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	49475	21.462	ug/l	98
22) Diisopropyl ether	6.36	45	141656	21.550	ug/l	97
23) Vinyl Acetate	6.30	43	399516	107.629	ug/l	95
24) 1,1-Dichloroethane	6.26	63	85229	21.279	ug/l	99
25) 2-Butanone	7.21	43	58031	104.041	ug/l	92
26) 2,2-Dichloropropane	7.21	77	77494	21.821	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	52550	21.192	ug/l	98
28) Bromochloromethane	7.54	49	31880	20.609	ug/l	99
29) Tetrahydrofuran	7.56	42	35974	102.048	ug/l	98
30) Chloroform	7.71	83	87940	21.183	ug/l	95
31) Cyclohexane	7.98	56	84536	22.016	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	80510	21.091	ug/l	98
36) 1,1-Dichloropropene	8.11	75	70524	21.596	ug/l	98
37) Ethyl Acetate	7.29	43	26086	20.280	ug/l	96
38) Carbon Tetrachloride	8.10	117	75493	21.967	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065777.D
 Acq On : 08 Jun 2020 13:41
 Operator : VA/SY
 Sample : VD0608SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0608SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 2:50:41 PM

Quant Time: Jun 09 06:49:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	83208	21.521	ug/l	99
40) Benzene	8.35	78	189765	21.257	ug/l	99
41) Methacrylonitrile	7.53	41	15945m	20.819	ug/l	
42) 1,2-Dichloroethane	8.43	62	56630	21.024	ug/l	99
43) Isopropyl Acetate	8.45	43	51373	20.085	ug/l	99
44) Trichloroethene	9.11	130	54478	21.928	ug/l	97
45) 1,2-Dichloropropane	9.39	63	46946	20.929	ug/l	98
46) Dibromomethane	9.48	93	25911	21.298	ug/l	97
47) Bromodichloromethane	9.66	83	68605	21.044	ug/l	97
48) Methyl methacrylate	9.46	41	27364	22.102	ug/l	98
49) 1,4-Dioxane	9.47	88	5115	395.013	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	130526	104.144	ug/l	98
52) Toluene	10.40	92	124122	21.398	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	60771	20.586	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	74386	21.335	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	34023	20.930	ug/l	97
56) Ethyl methacrylate	10.67	69	39011	20.404	ug/l	98
57) 1,3-Dichloropropane	10.95	76	59348	21.074	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	90210	101.485	ug/l	99
59) 2-Hexanone	10.99	43	89563	105.995	ug/l	97
60) Dibromochloromethane	11.14	129	47026	21.415	ug/l	96
61) 1,2-Dibromoethane	11.25	107	32921	20.608	ug/l	99
64) Tetrachloroethene	10.88	164	43997	20.944	ug/l	97
65) Chlorobenzene	11.67	112	132733	21.886	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	47886	21.182	ug/l	98
67) Ethyl Benzene	11.75	91	237242	21.898	ug/l	99
68) m/p-Xylenes	11.86	106	180450	43.241	ug/l	100
69) o-Xylene	12.18	106	82108	21.822	ug/l	99
70) Styrene	12.20	104	141859	21.779	ug/l	99
71) Bromoform	12.36	173	25980	20.870	ug/l	# 99
73) Isopropylbenzene	12.48	105	225861	21.672	ug/l	99
74) N-amyl acetate	12.29	43	46732	20.155	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	35643	20.251	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	26458m	21.886	ug/l	
77) Bromobenzene	12.77	156	54768	22.211	ug/l	97
78) n-propylbenzene	12.83	91	274357	21.870	ug/l	99
79) 2-Chlorotoluene	12.91	91	150026	21.800	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	188064	21.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11506	20.564	ug/l	94
82) 4-Chlorotoluene	13.01	91	161951	21.924	ug/l	98
83) tert-Butylbenzene	13.23	119	163641	21.745	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	188431	21.707	ug/l	98
85) sec-Butylbenzene	13.41	105	228978	21.864	ug/l	98
86) p-Isopropyltoluene	13.52	119	208734	21.746	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	103699	21.328	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	103297	21.358	ug/l	98
89) n-Butylbenzene	13.85	91	199525	21.795	ug/l	99
90) Hexachloroethane	14.12	117	41736	21.722	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	90318	21.585	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6065	20.705	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
Data File : VD065777.D
Acq On : 08 Jun 2020 13:41
Operator : VA/SY
Sample : VD0608SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

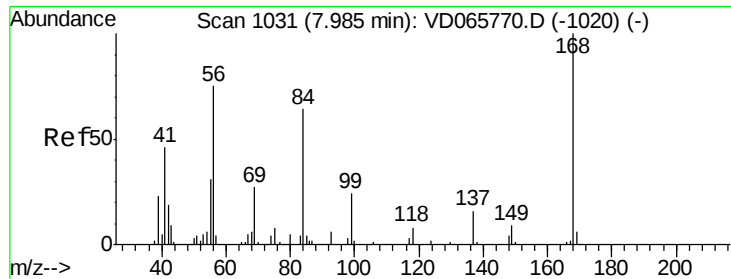
Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM

Quant Time: Jun 09 06:49:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	61656	21.671	ug/l	97
94) Hexachlorobutadiene	15.28	225	34876	20.278	ug/l	99
95) Naphthalene	15.41	128	101624	21.088	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	51611	21.063	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0608SBS01

Tot Ion:168 Resp: 216676

Ion Ratio Lower Upper

168 100

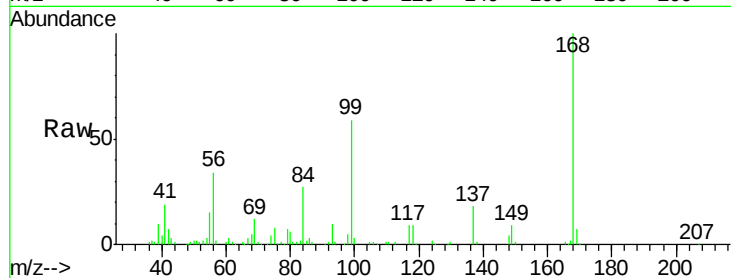
99 58.5 45.3 67.9

Manual Integrations

APPROVED

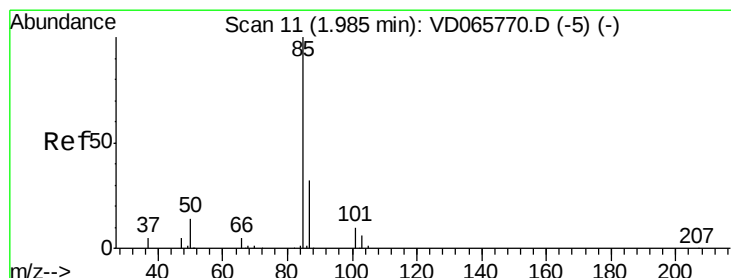
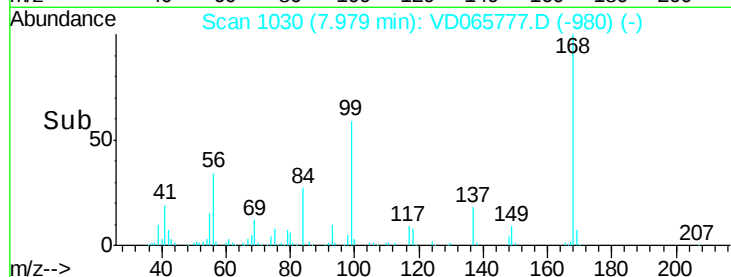
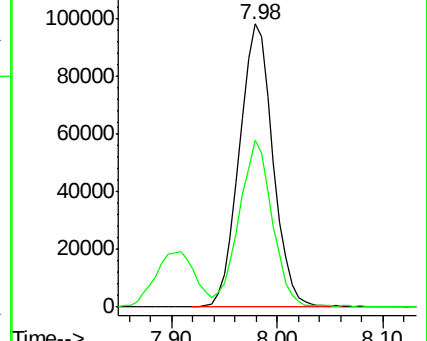
MMDadoda

6/9/2020 2:50:41 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 24.046 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065777.D

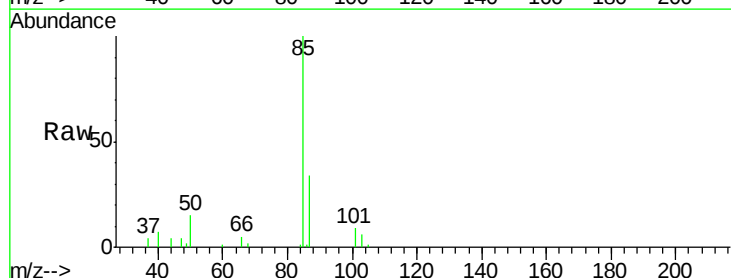
Acq: 08 Jun 2020 13:41

Tgt Ion: 85 Resp: 38027

Ion Ratio Lower Upper

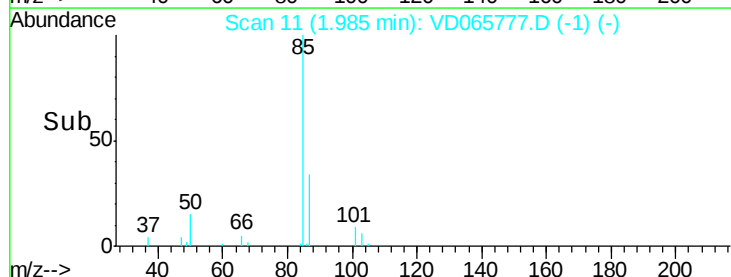
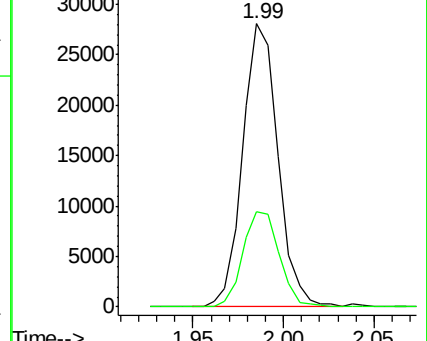
85 100

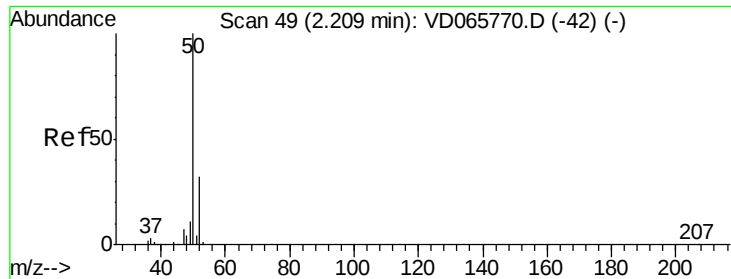
87 33.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 23.242 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0608SBS01

Tot Ion: 50 Resp: 63864

Ion Ratio Lower Upper

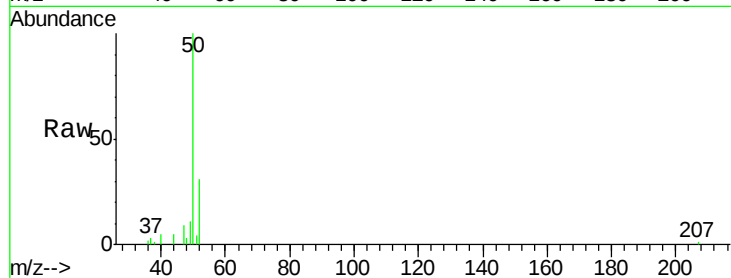
50 100

52 30.6 25.6 38.4

Manual Integrations
APPROVED

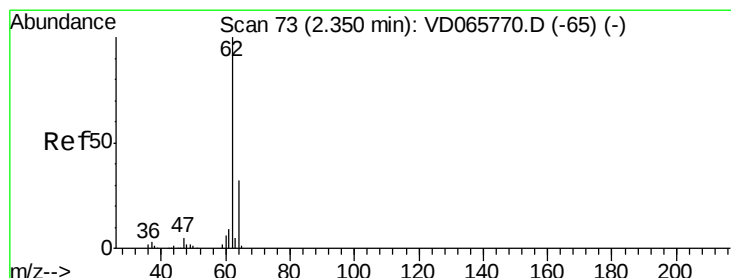
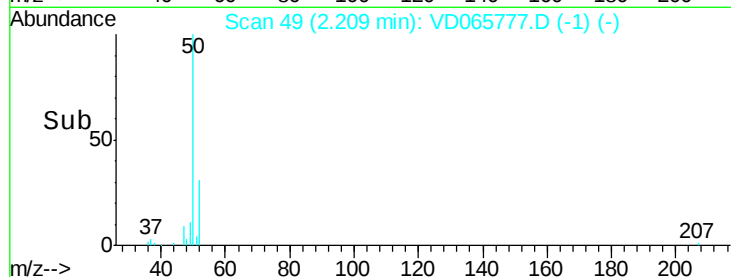
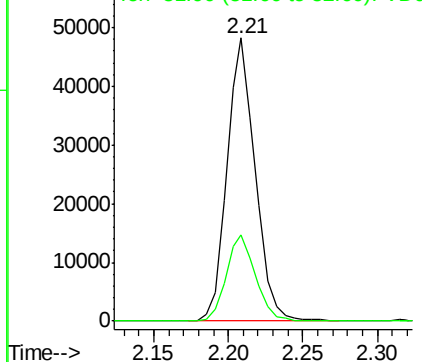
MMDadoda

6/9/2020 2:50:41 PM



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.746 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065777.D

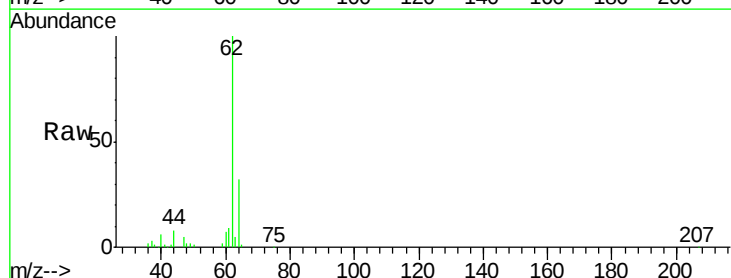
Acq: 08 Jun 2020 13:41

Tgt Ion: 62 Resp: 69518

Ion Ratio Lower Upper

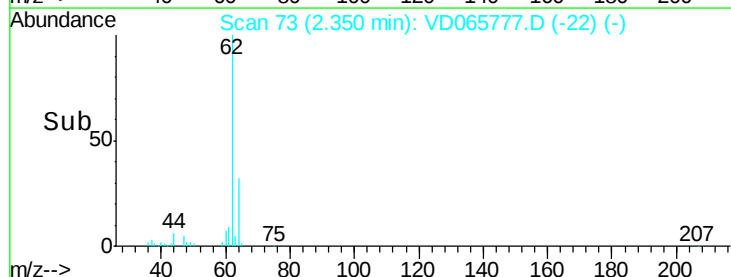
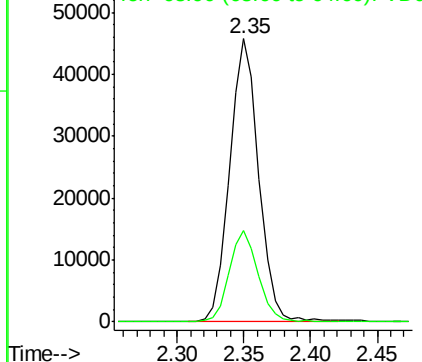
62 100

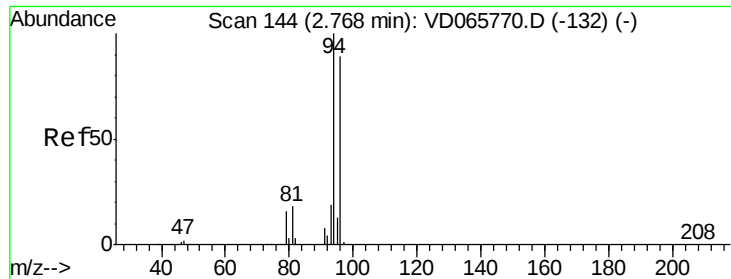
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.300 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0608SBS01

Tot Ion: 94 Resp: 47620

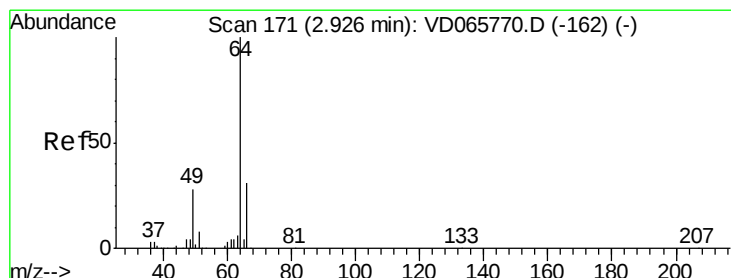
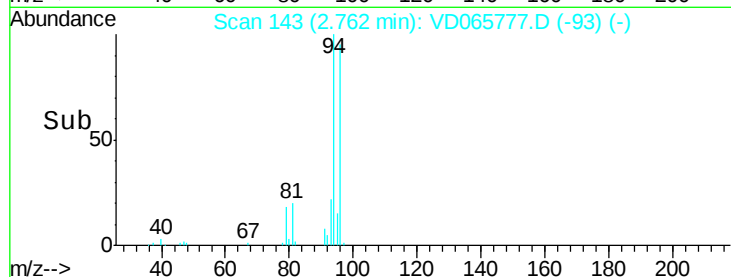
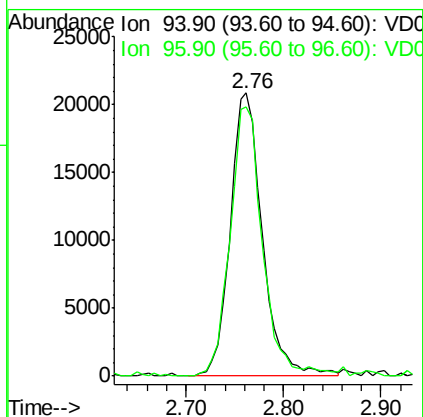
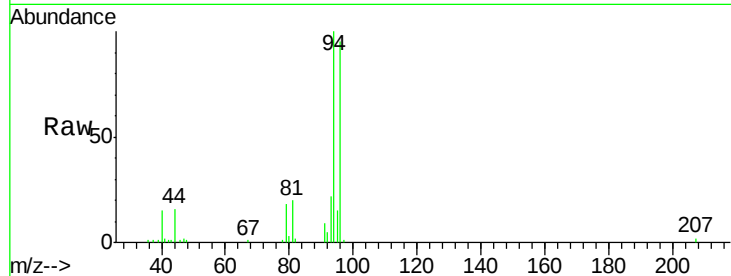
Ion Ratio Lower Upper

94 100

96 95.1 71.4 107.0

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM



#6

Chloroethane

Concen: 22.072 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065777.D

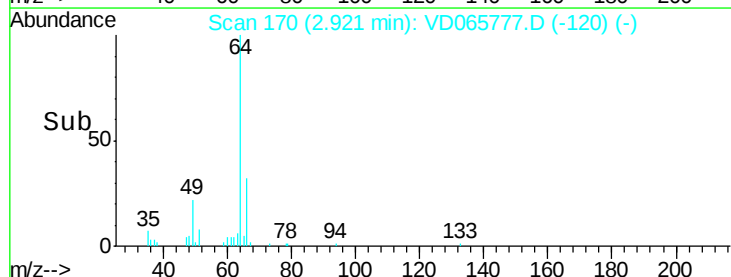
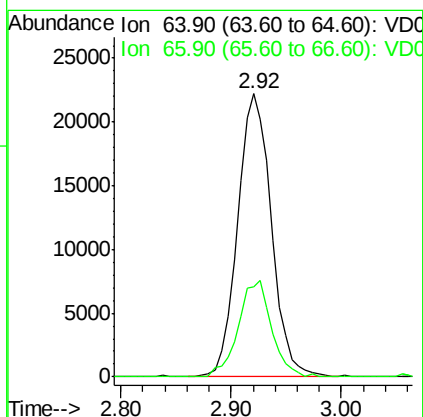
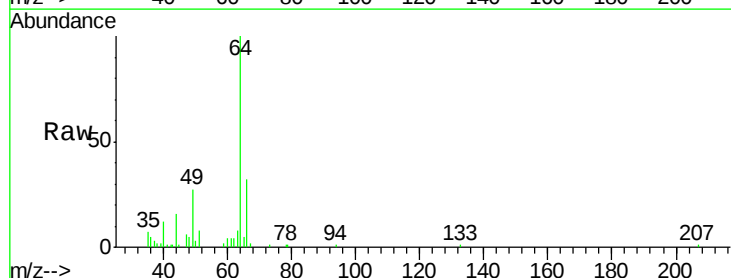
Acq: 08 Jun 2020 13:41

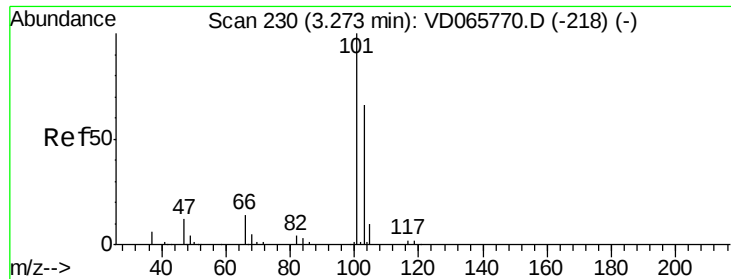
Tgt Ion: 64 Resp: 47710

Ion Ratio Lower Upper

64 100

66 31.9 24.5 36.7





#7

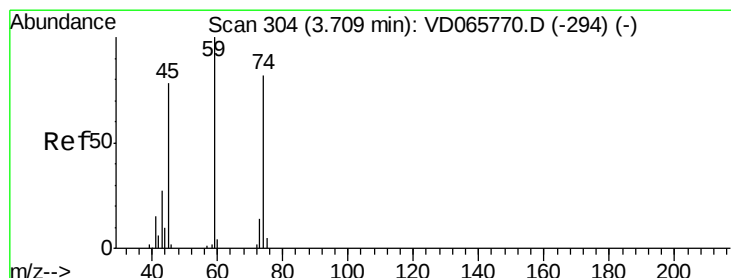
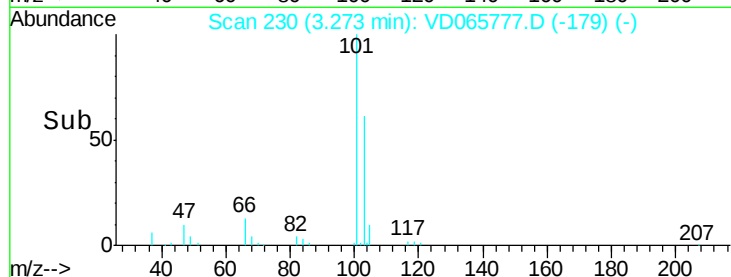
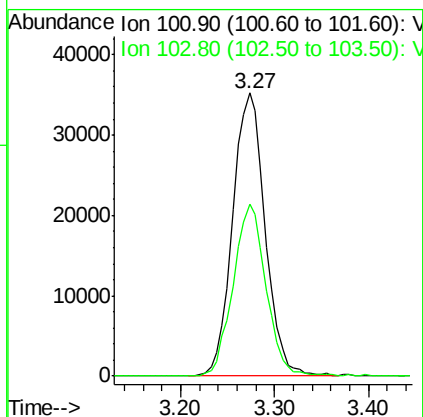
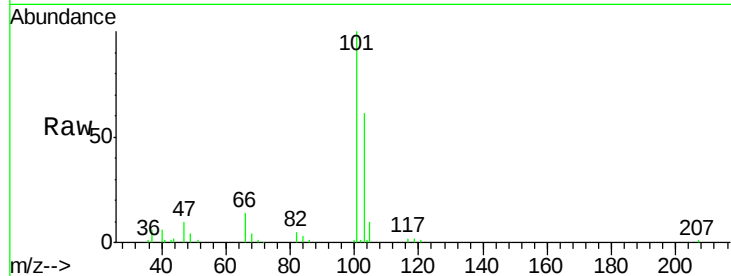
Trichlorofluoromethane
Concen: 23.305 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	53.1	79.7

Manual Integrations
APPROVED

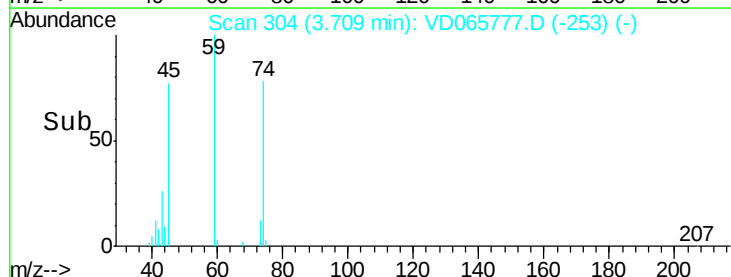
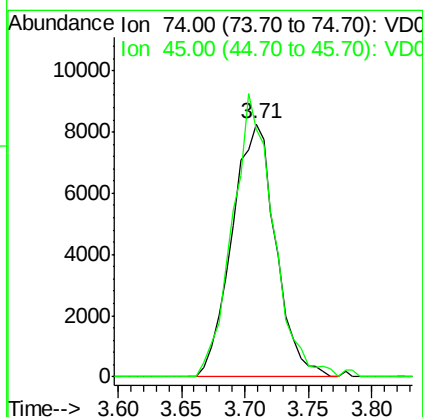
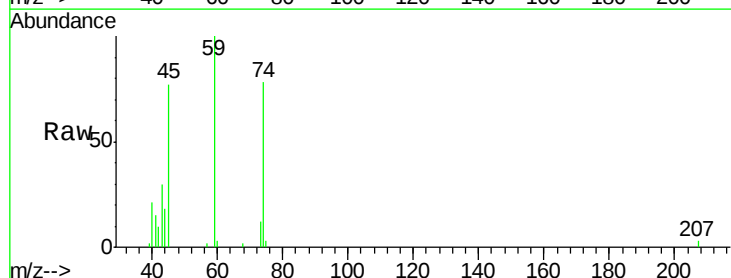
MMDadoda
6/9/2020 2:50:41 PM

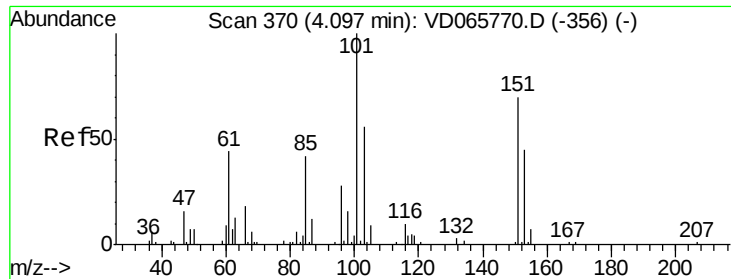


#8

Diethyl Ether
Concen: 20.782 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	47.9	143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.527 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

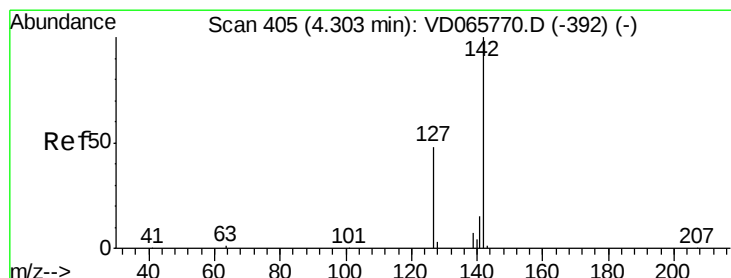
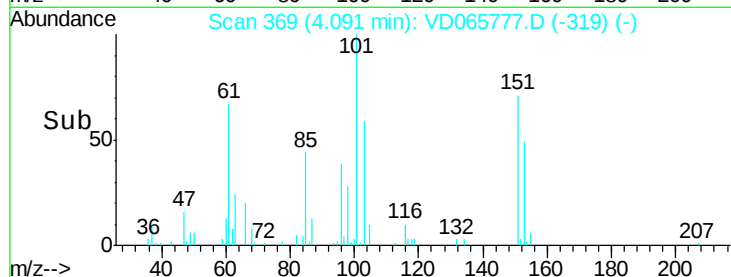
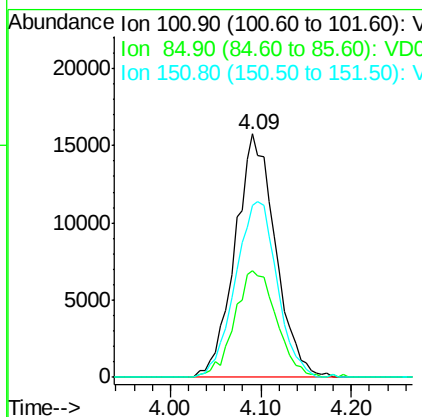
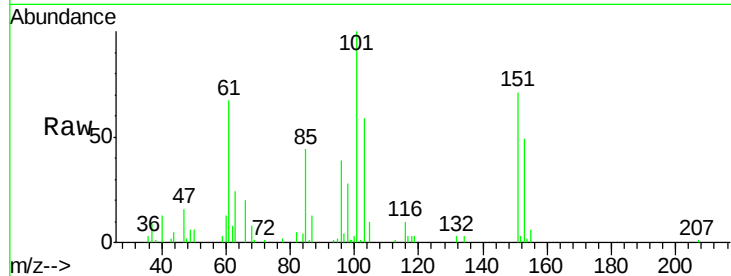
ClientSampleId :

VD0608SBS01

Tot Ion:	101	Resp:	48651
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.5	54.7
151	74.7	61.8	92.6

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM



#10

Methyl Iodide

Concen: 20.109 ug/l

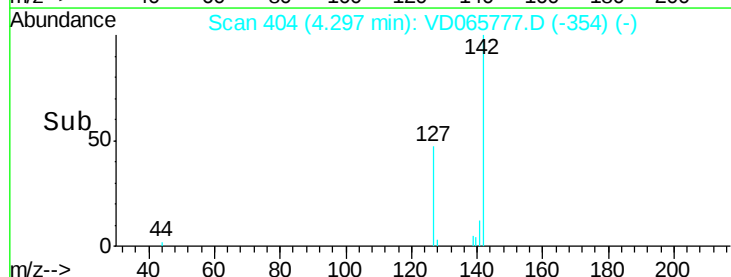
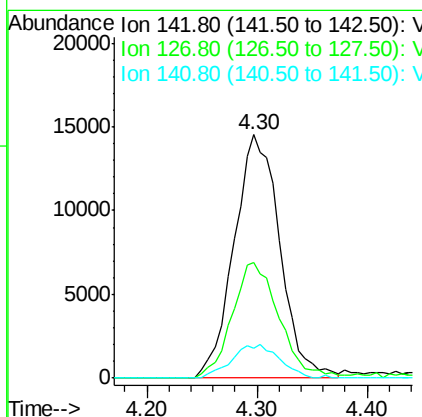
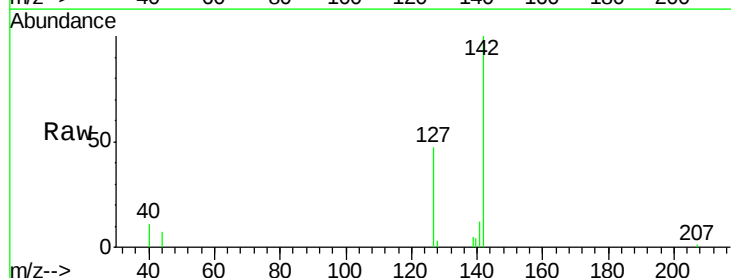
RT: 4.30 min Scan# 404

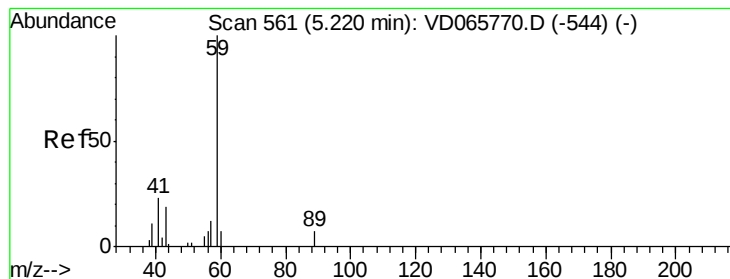
Delta R.T. -0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Tgt Ion:	142	Resp:	42291
Ion Ratio	Lower	Upper	
142	100		
127	48.7	37.6	56.4
141	14.4	12.1	18.1





#11

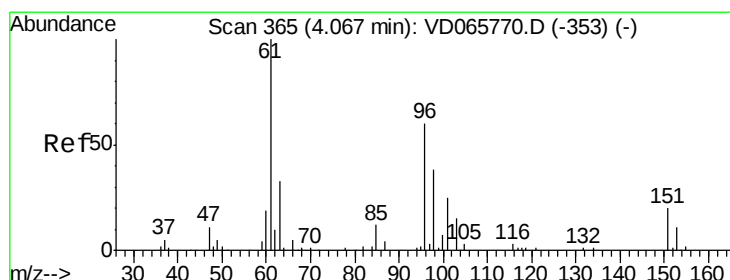
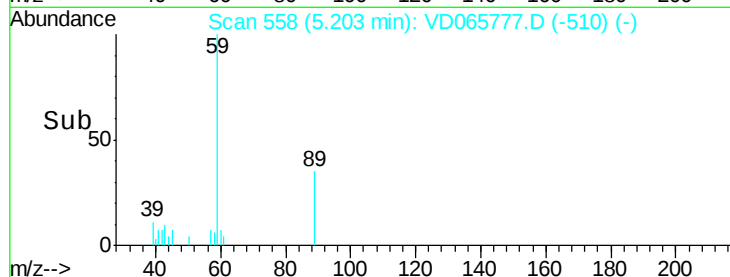
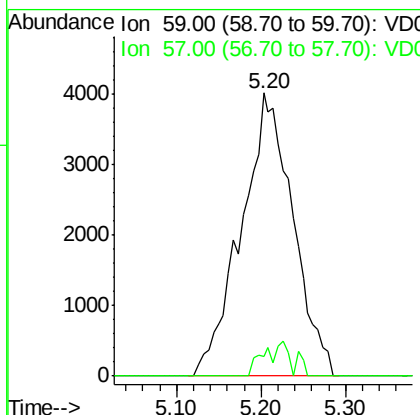
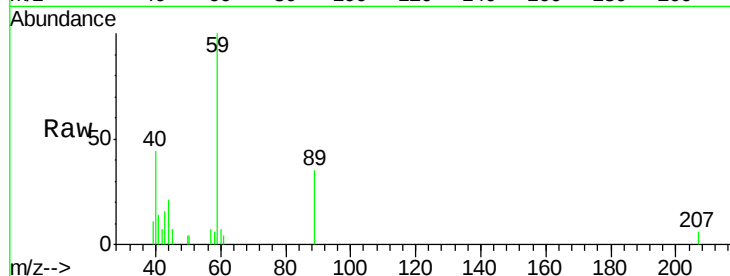
Tert butyl alcohol
Concen: 124.220 ug/l
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion: 59 Resp: 17056
Ion Ratio Lower Upper
59 100
57 2.9 7.5 11.3#

Manual Integrations
APPROVED

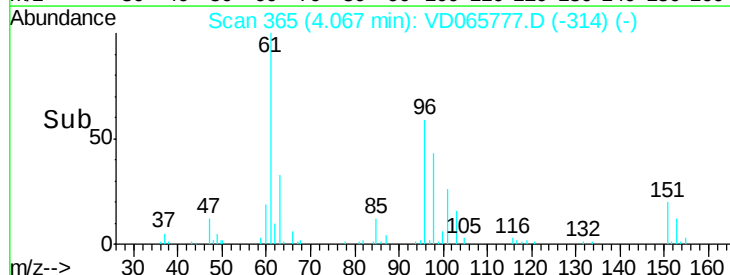
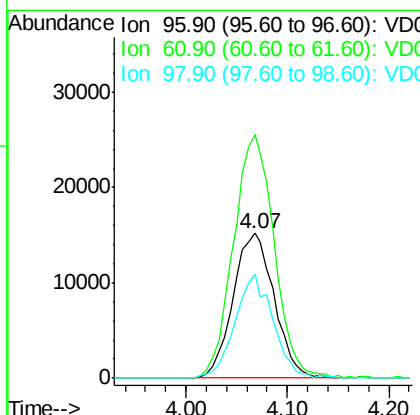
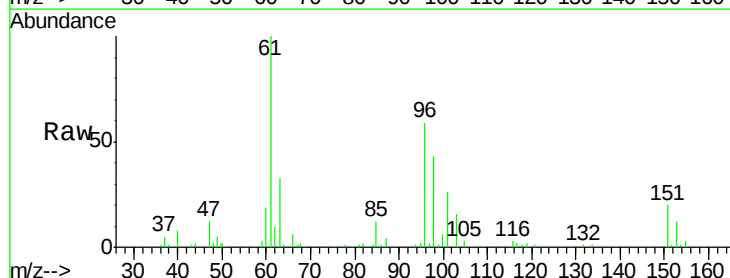
MMDadoda
6/9/2020 2:50:41 PM

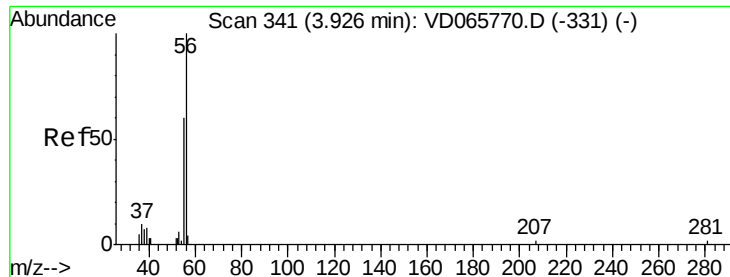


#12

1,1-Dichloroethene
Concen: 21.745 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion: 96 Resp: 42803
Ion Ratio Lower Upper
96 100
61 168.1 132.3 198.5
98 71.8 50.7 76.1





#13

Acrolein

Concen: 107.476 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0608SBS01

Tot Ion: 56 Resp: 12925

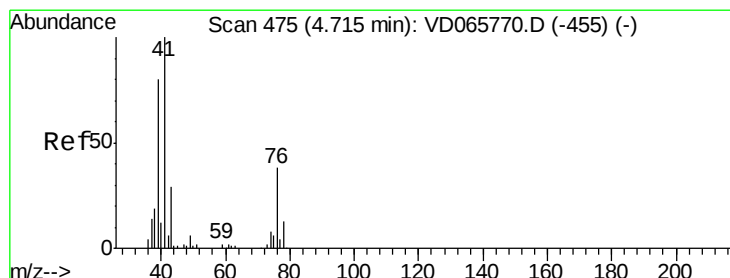
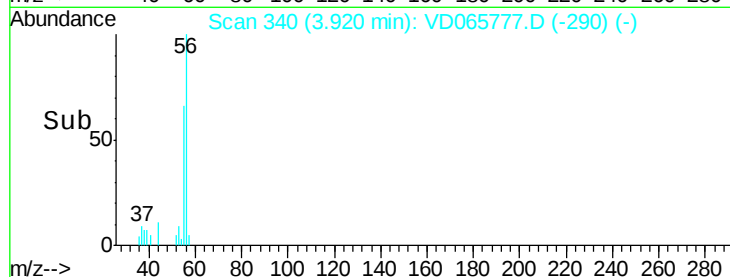
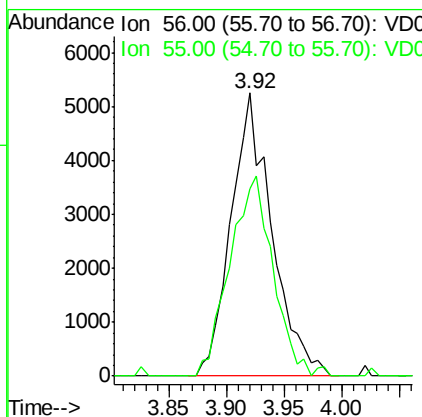
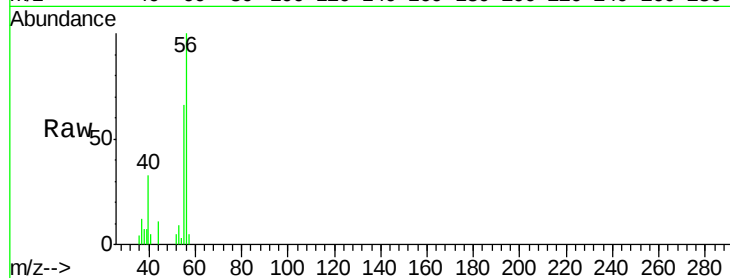
Ion Ratio Lower Upper

56 100

55 75.0 54.8 82.2

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM



#14

Allyl chloride

Concen: 21.228 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

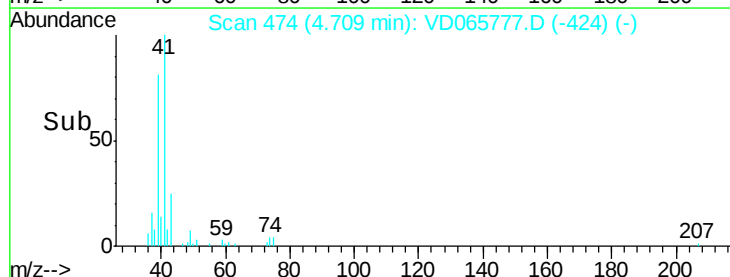
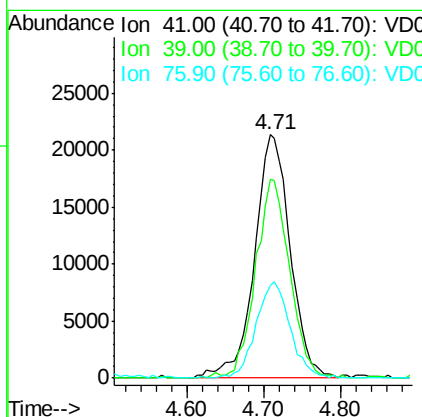
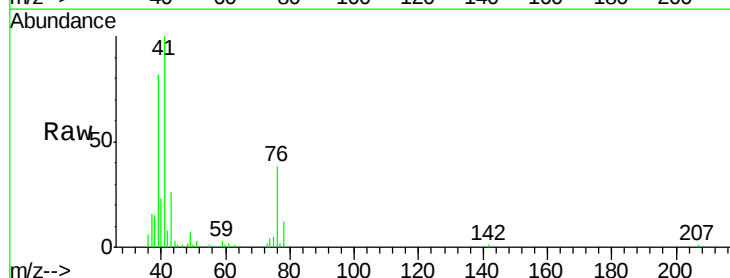
Tgt Ion: 41 Resp: 69062

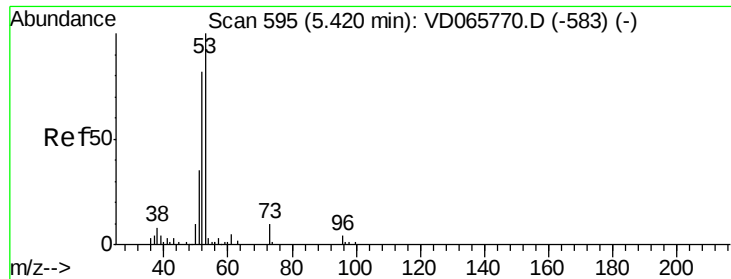
Ion Ratio Lower Upper

41 100

39 77.9 60.9 91.3

76 37.7 28.9 43.3





#15

Acrylonitrile

Concen: 107.317 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

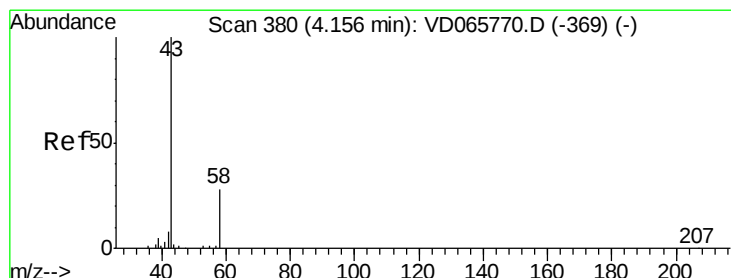
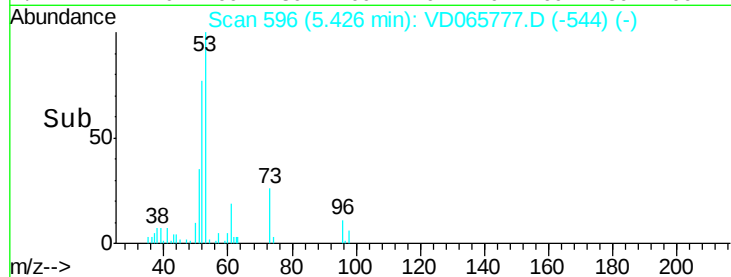
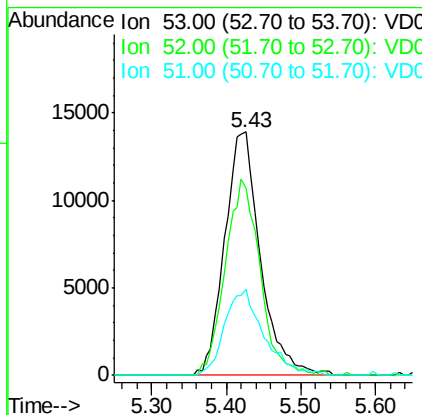
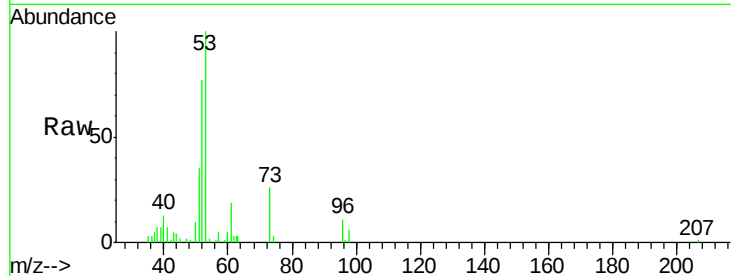
ClientSampleId :

VD0608SBS01

Tot Ion:	53	Resp:	46414
Ion	Ratio	Lower	Upper
53	100		
52	77.7	66.2	99.2
51	38.3	30.7	46.1

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM



#16

Acetone

Concen: 105.568 ug/l

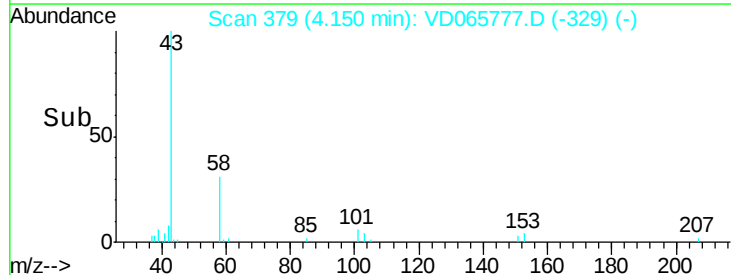
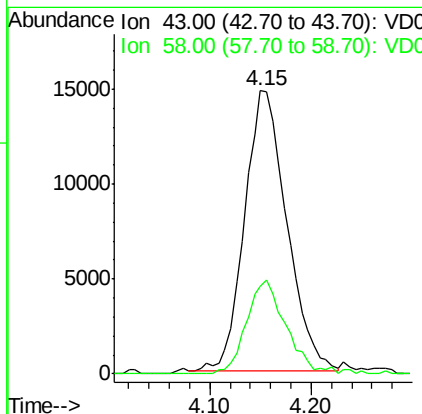
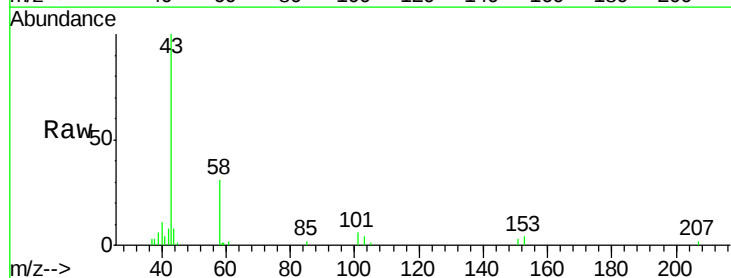
RT: 4.15 min Scan# 379

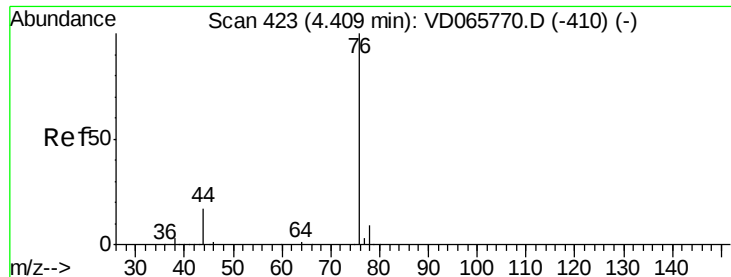
Delta R.T. -0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Tgt Ion:	43	Resp:	42636
Ion	Ratio	Lower	Upper
43	100		
58	31.5	22.3	33.5





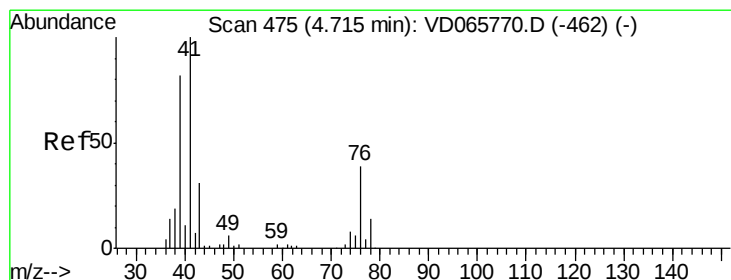
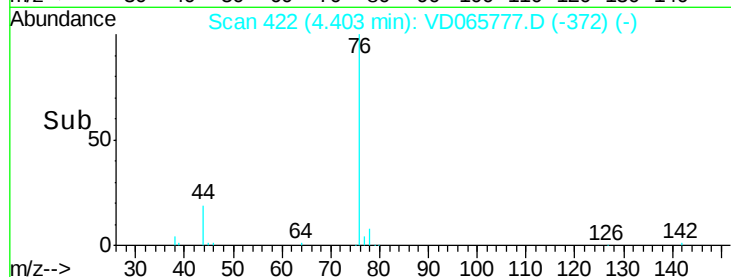
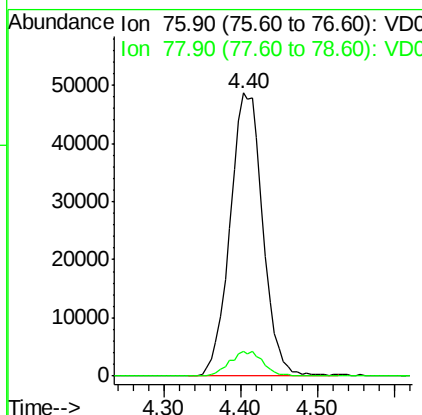
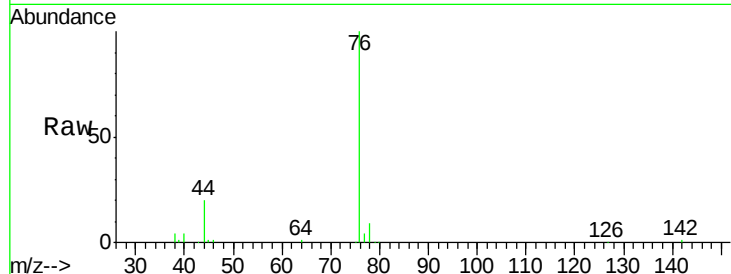
#17
Carbon Disulfide
Concen: 21.891 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

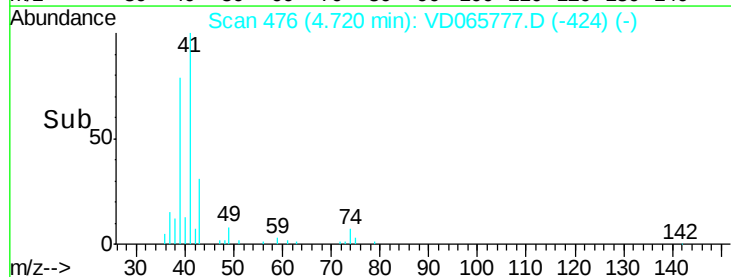
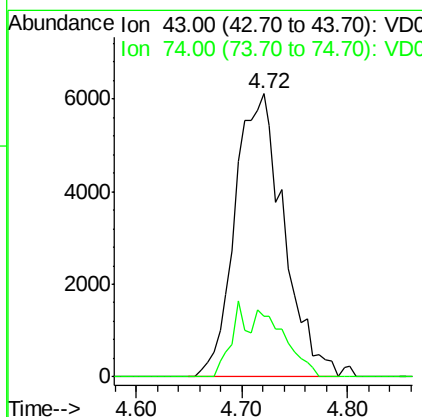
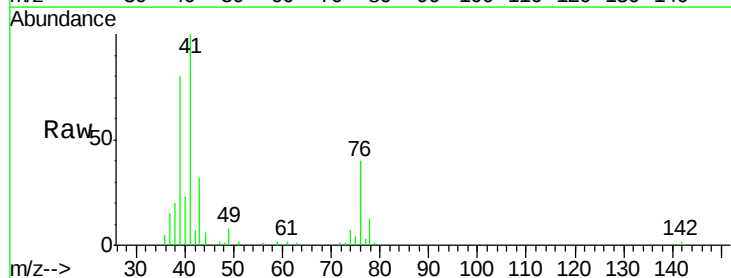
Manual Integrations
APPROVED

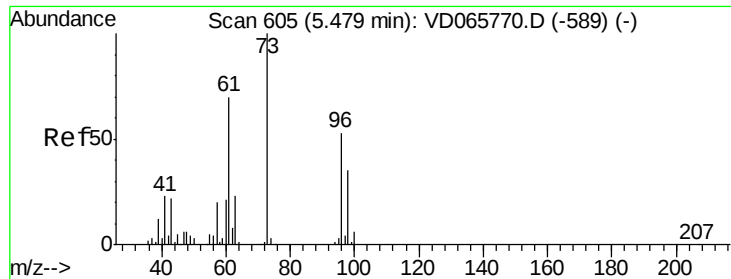
MMDadoda
6/9/2020 2:50:41 PM



#18
Methyl Acetate
Concen: 19.253 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	15.0	18.7	28.1#





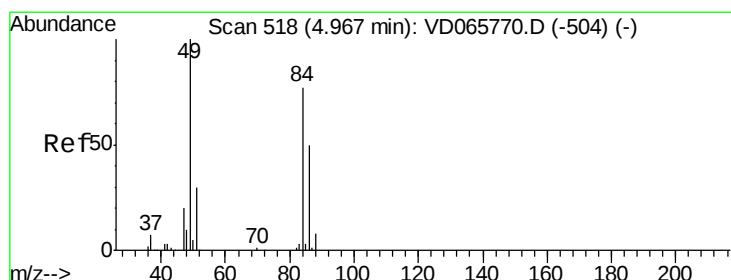
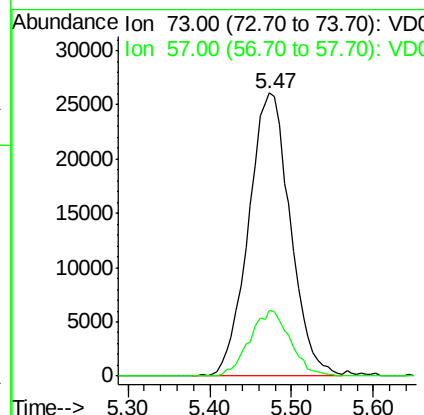
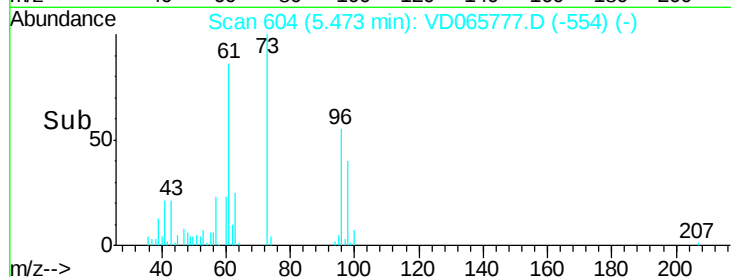
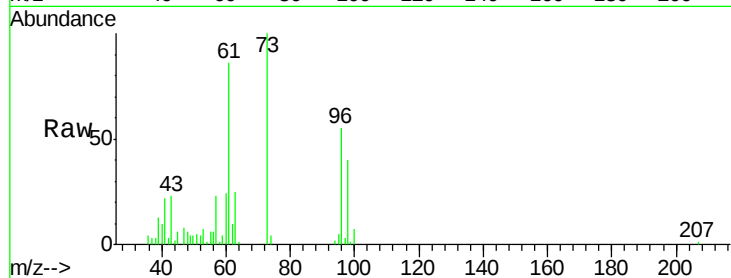
#19
Methyl tert-butyl Ether
Concen: 20.751 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion: 73 Resp: 92519
Ion Ratio Lower Upper
73 100
57 23.1 16.2 24.2

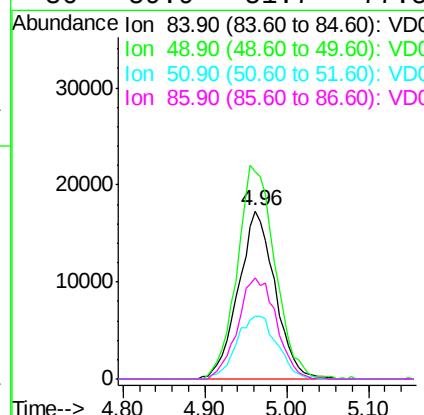
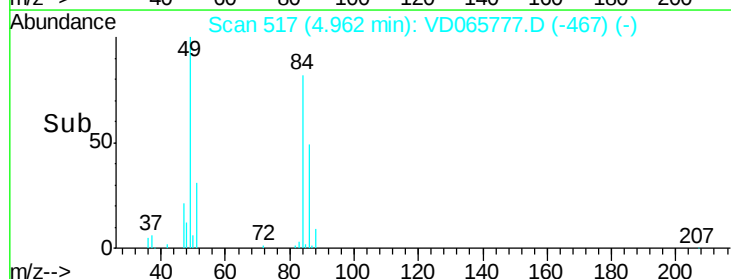
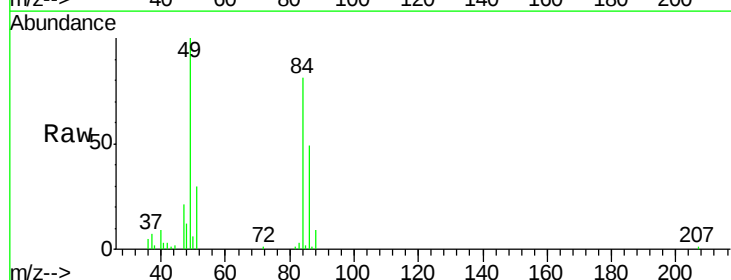
Manual Integrations
APPROVED

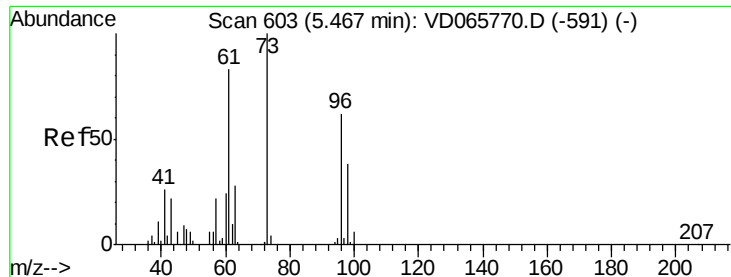
MMDadoda
6/9/2020 2:50:41 PM



#20
Methylene Chloride
Concen: 22.802 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion: 84 Resp: 54097
Ion Ratio Lower Upper
84 100
49 123.3 103.4 155.0
51 37.6 31.4 47.2
86 59.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 21.462 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

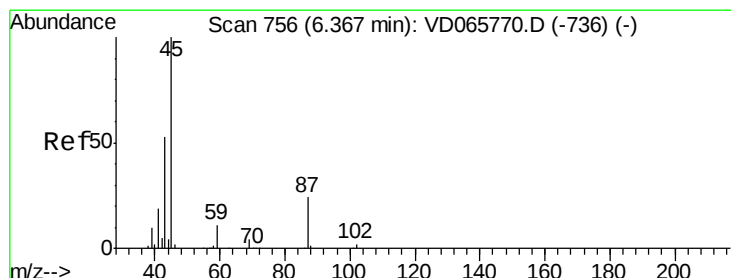
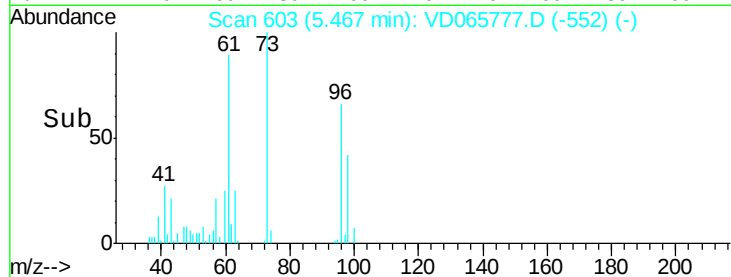
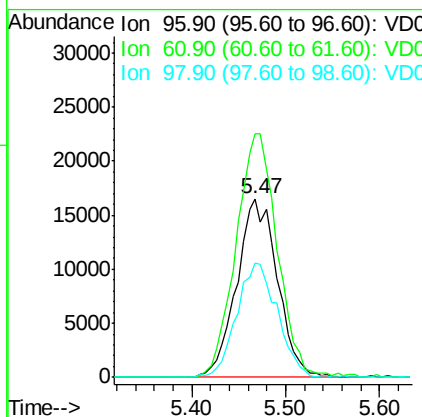
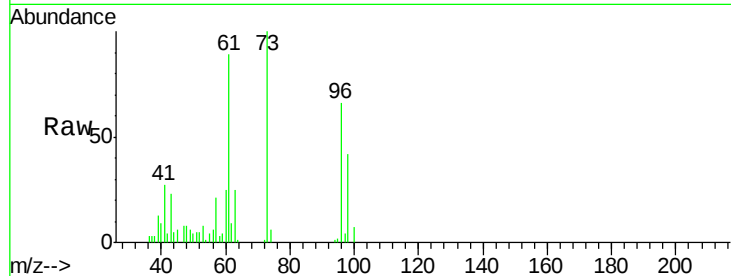
ClientSampleId :

VD0608SBS01

Tot Ion:	96	Resp:	49475
Ion	Ratio	Lower	Upper
96	100		
61	136.3	107.7	161.5
98	64.4	49.3	73.9

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM



#22

Diisopropyl ether

Concen: 21.550 ug/l

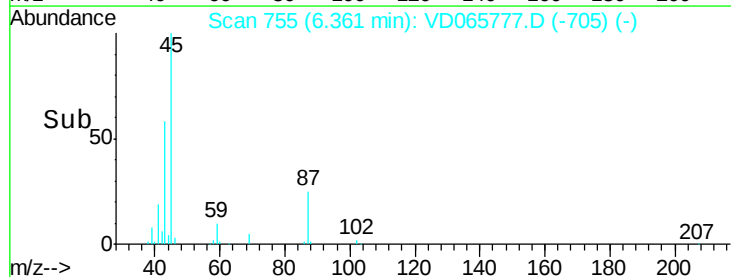
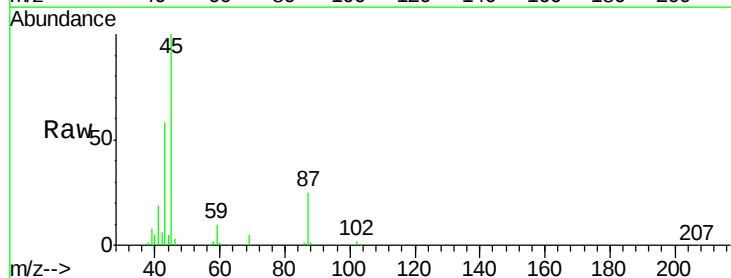
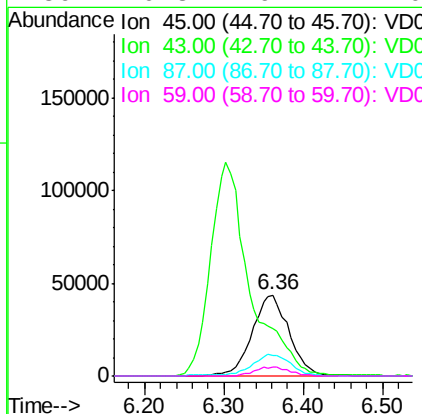
RT: 6.36 min Scan# 755

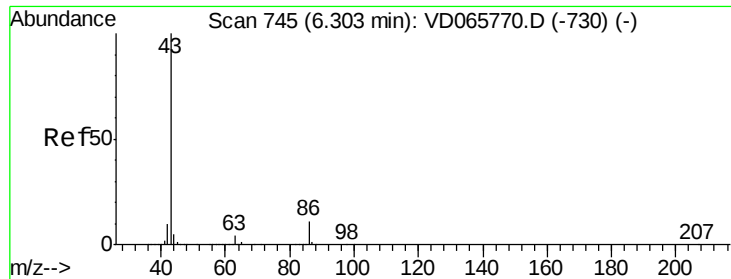
Delta R.T. -0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Tgt Ion:	45	Resp:	141656
Ion	Ratio	Lower	Upper
45	100		
43	56.9	43.4	65.0
87	24.3	20.2	30.4
59	10.3	9.4	14.0





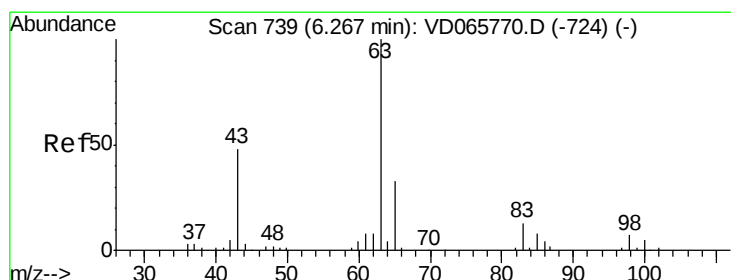
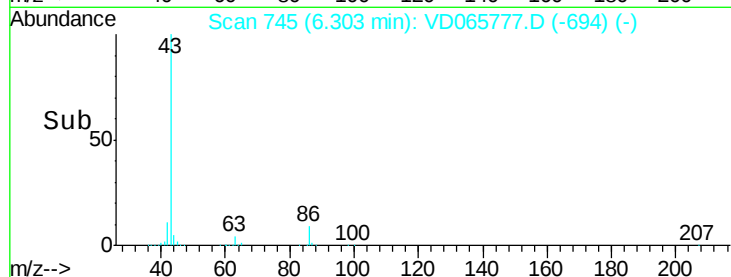
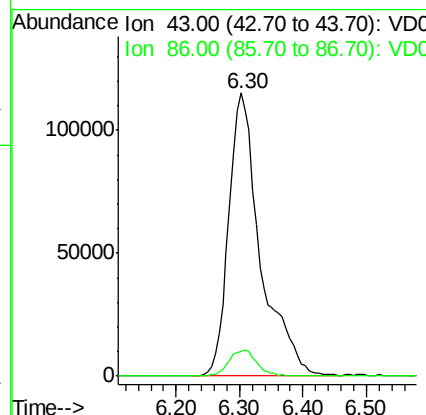
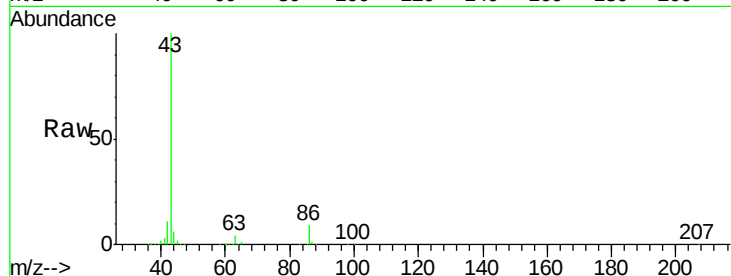
#23
 Vinyl Acetate
 Concen: 107.629 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	399516		
86	8.9		8.5	12.7

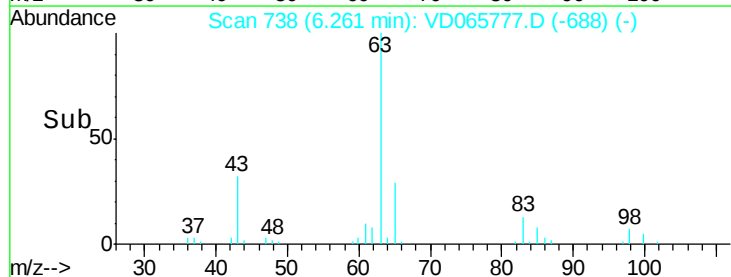
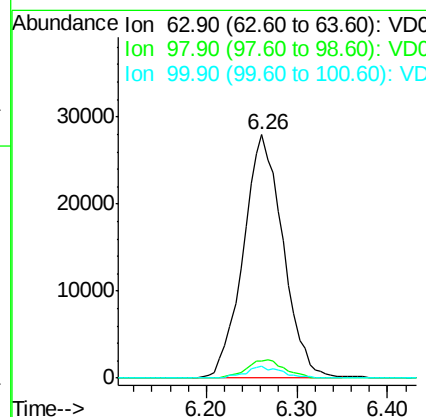
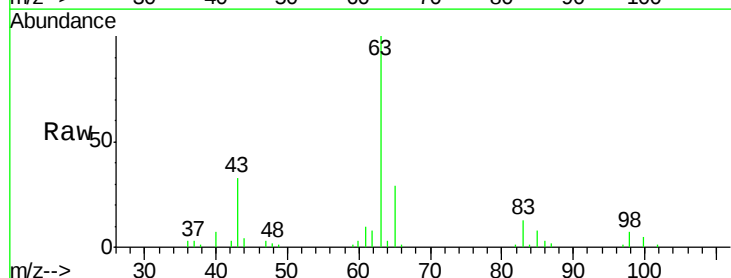
Manual Integrations
 APPROVED

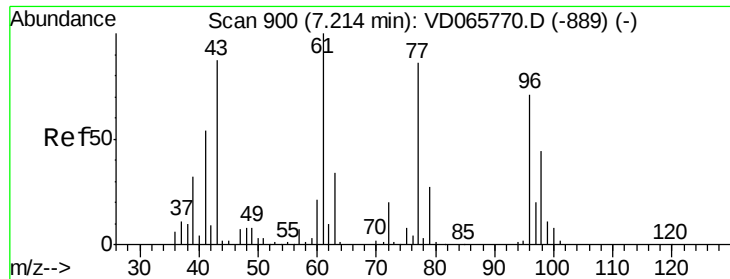
MMDadoda
 6/9/2020 2:50:41 PM



#24
 1,1-Dichloroethane
 Concen: 21.279 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	85229		
98	6.8		3.5	10.5
100	4.8		2.3	6.9





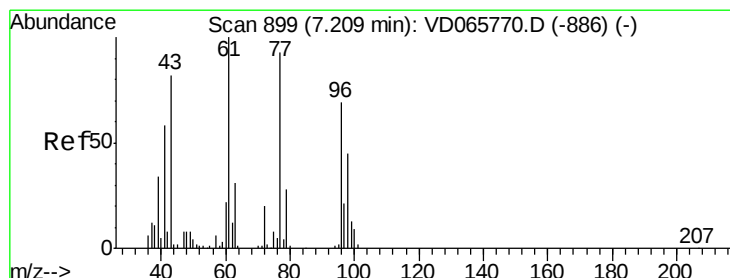
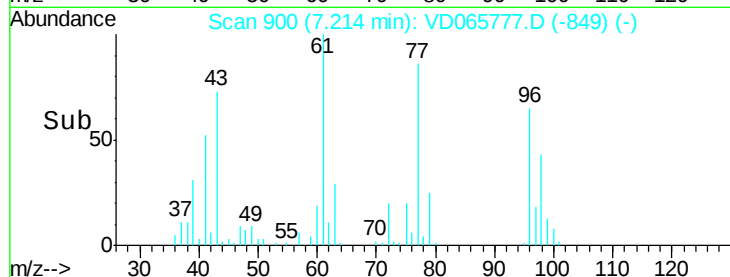
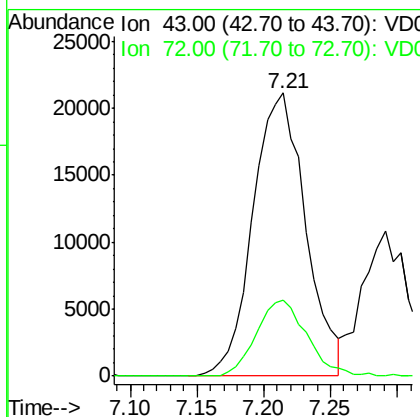
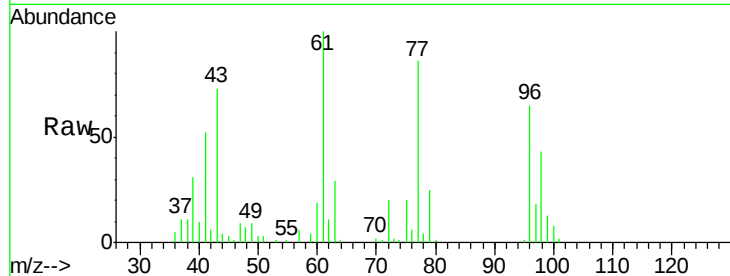
#25
2-Butanone
Concen: 104.041 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion: 43 Resp: 58031
Ion Ratio Lower Upper
43 100
72 26.9 18.5 27.7

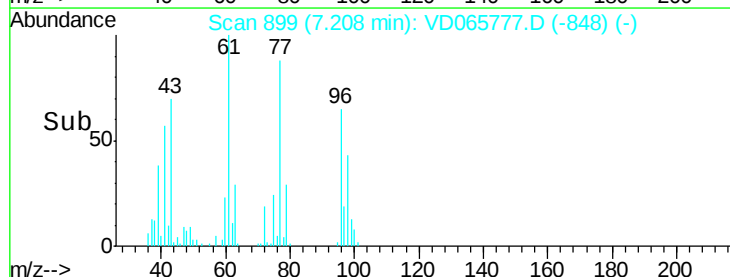
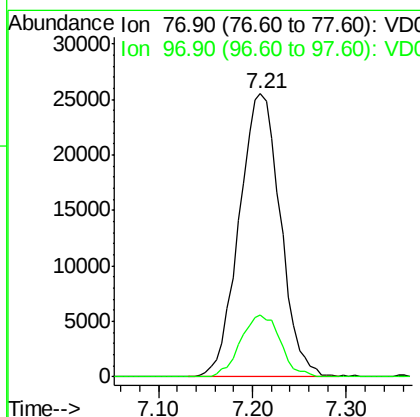
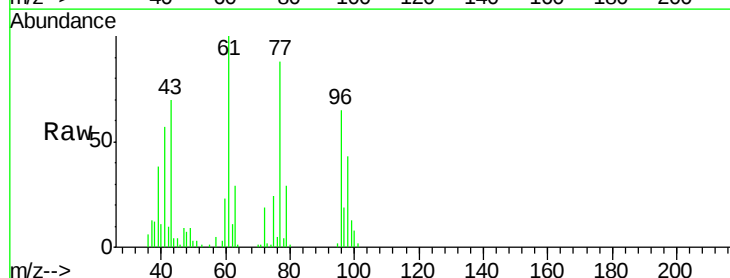
Manual Integrations
APPROVED

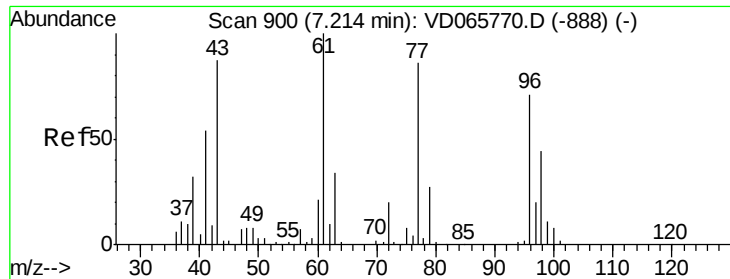
MMDadoda
6/9/2020 2:50:41 PM



#26
2,2-Dichloropropane
Concen: 21.821 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion: 77 Resp: 77494
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7





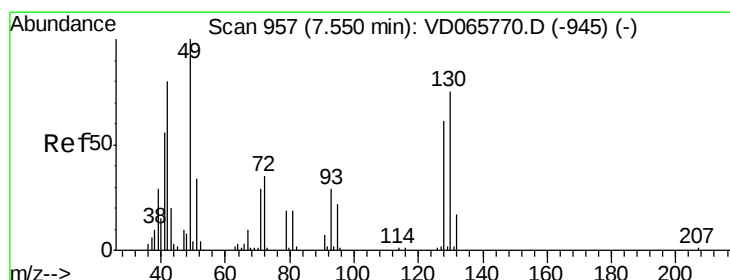
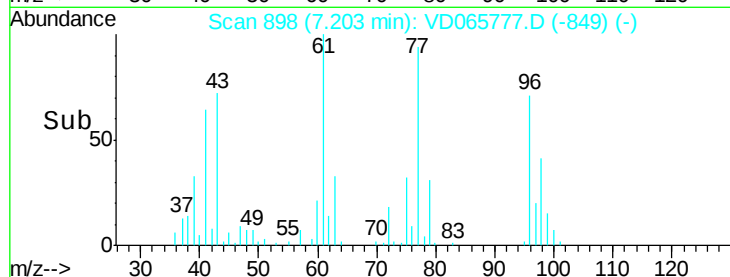
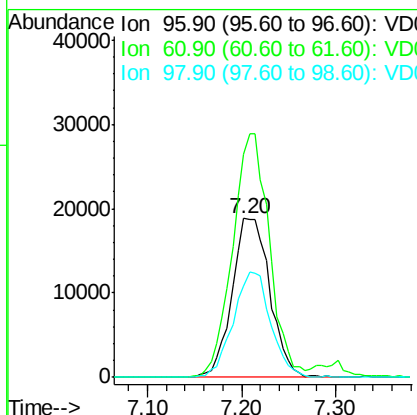
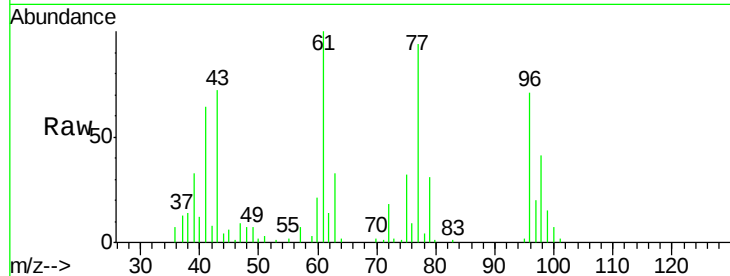
#27
 cis-1,2-Dichloroethene
 Concen: 21.192 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	291.2
98	65.3	0.0	128.8

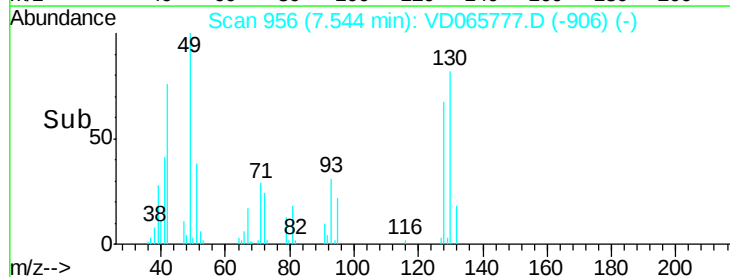
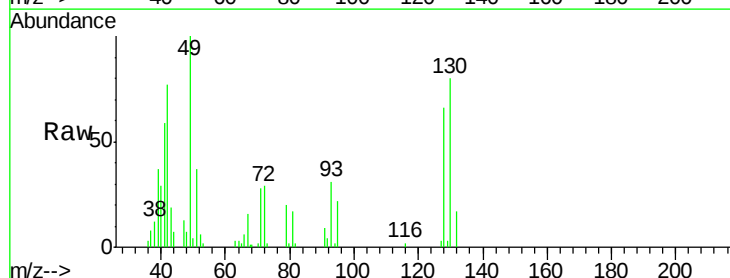
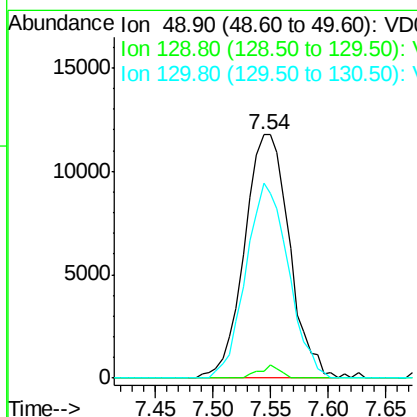
Manual Integrations
 APPROVED

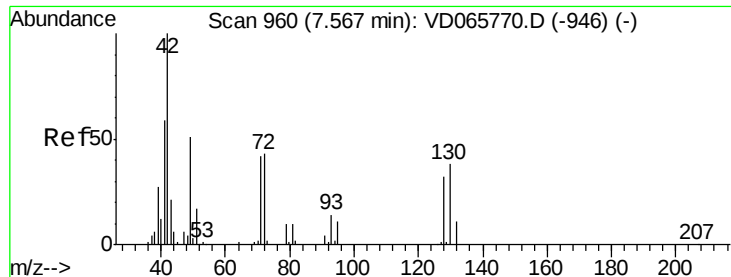
MMDadoda
 6/9/2020 2:50:41 PM



#28
 Bromochloromethane
 Concen: 20.609 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	75.7	59.5	89.3





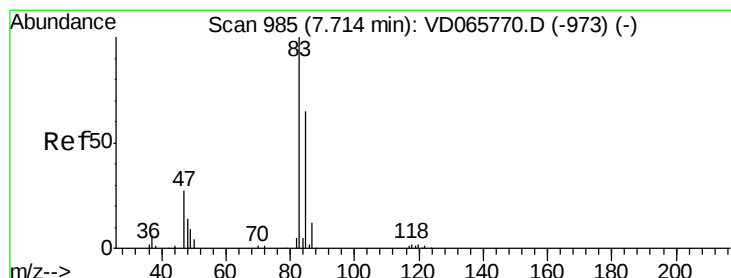
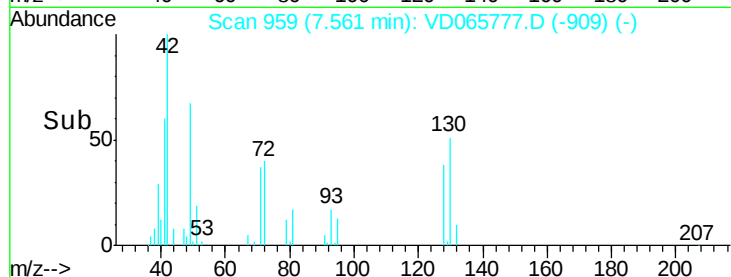
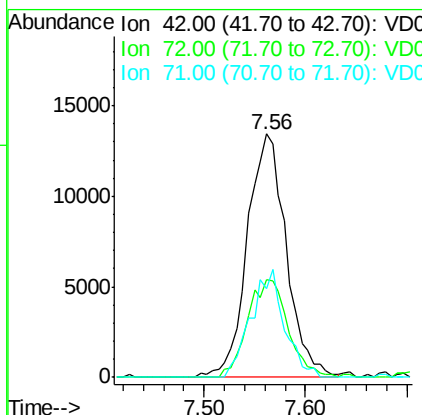
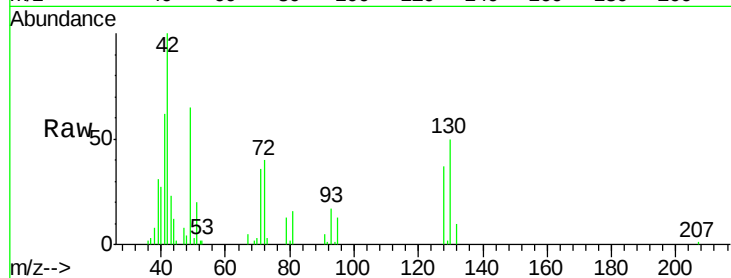
#29
Tetrahydrofuran
Concen: 102.048 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion:	42	Resp:	35974
Ion	Ratio	Lower	Upper
42	100		
72	41.6	34.9	52.3
71	38.2	31.2	46.8

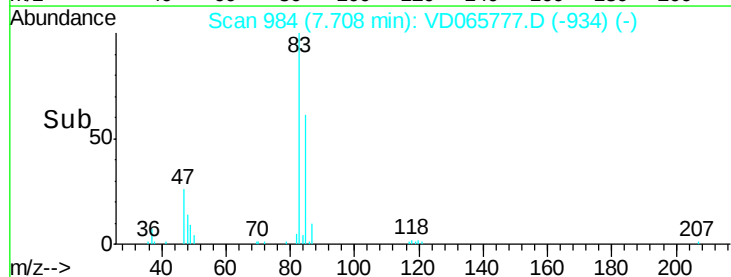
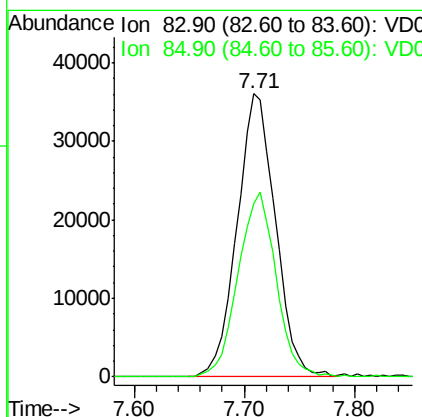
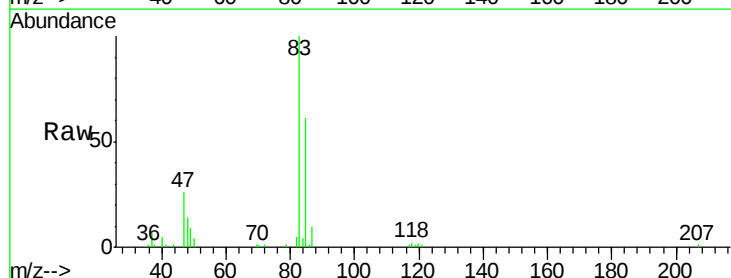
Manual Integrations
APPROVED

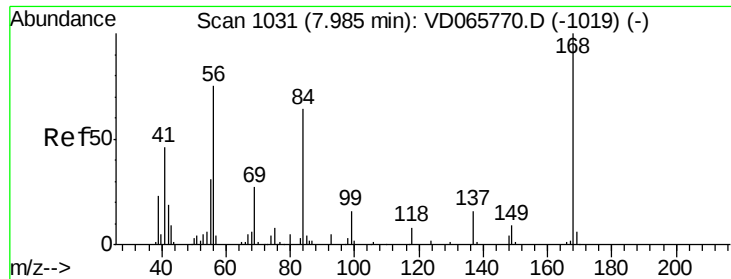
MMDadoda
6/9/2020 2:50:41 PM



#30
Chloroform
Concen: 21.183 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion:	83	Resp:	87940
Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.9	77.9





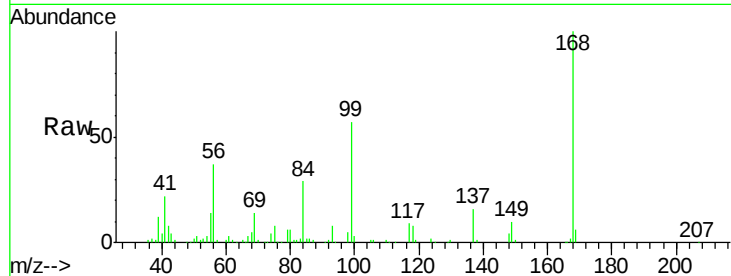
#31
Cyclohexane
Concen: 22.016 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	56	Resp	84536
Ion Ratio	100	Lower	Upper
56	100		
69	36.7	28.5	42.7
84	78.4	68.4	102.6

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM

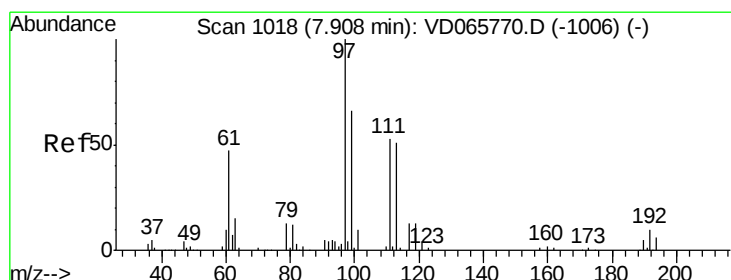
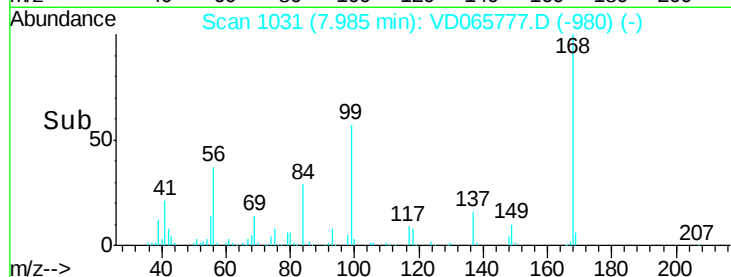
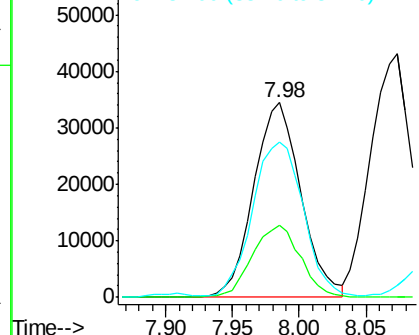


Abundance

Ion 56.00 (55.70 to 56.70): VDC

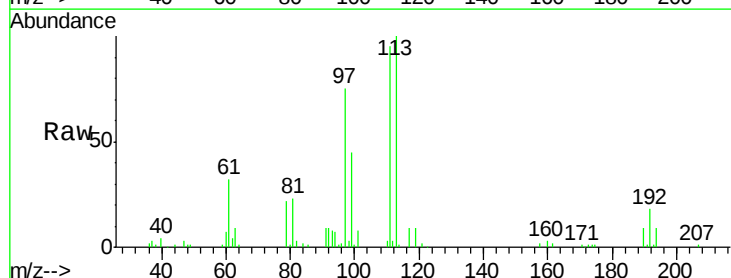
Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



#32
1,1,1-Trichloroethane
Concen: 21.091 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	97	Resp	80510
Ion Ratio	100	Lower	Upper
97	100		
99	63.3	49.2	73.8
61	46.4	36.0	54.0

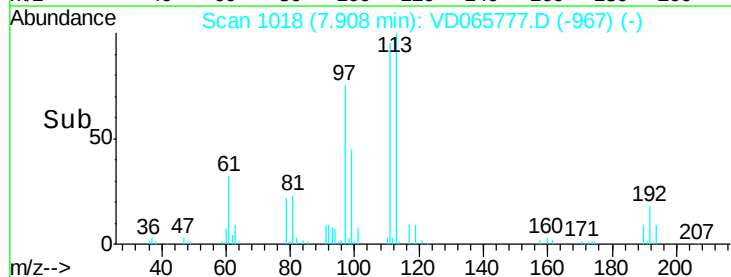
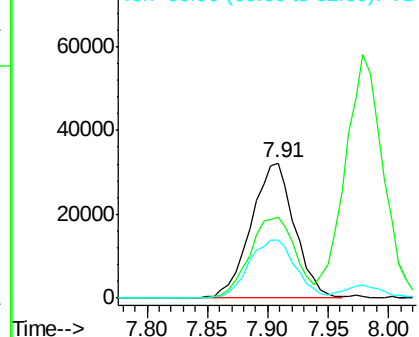


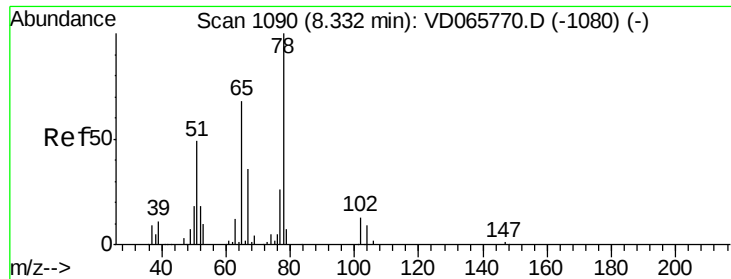
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC





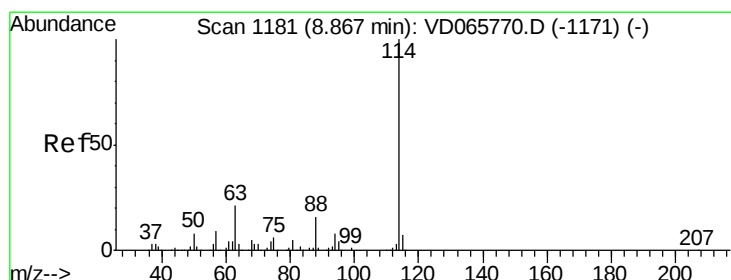
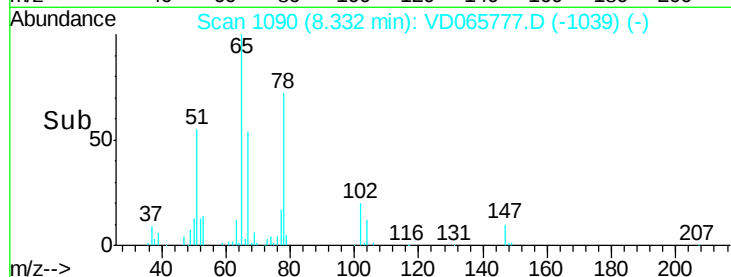
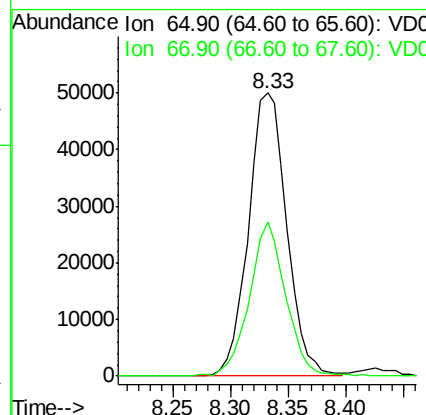
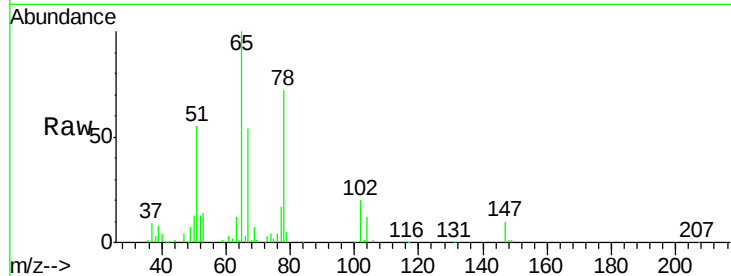
#33
 1,2-Dichloroethane-d4
 Concen: 53.963 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.6	0.0	103.6	

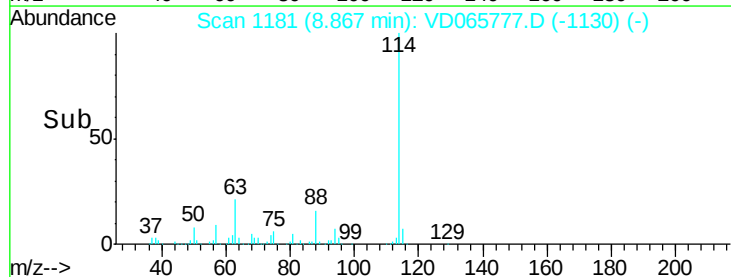
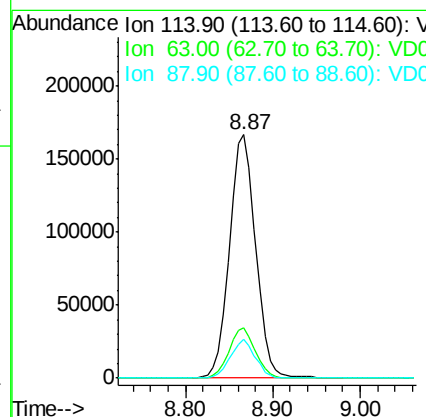
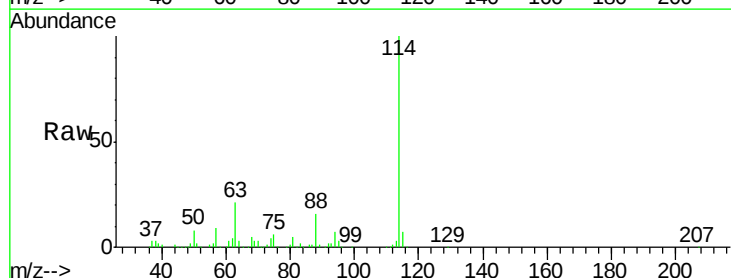
Manual Integrations
 APPROVED

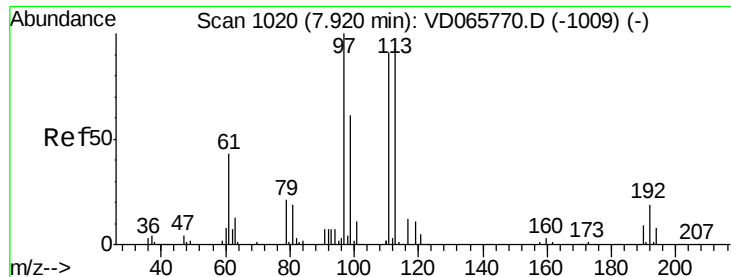
MMDadoda
 6/9/2020 2:50:41 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.6	0.0	41.8	
88	16.1	0.0	32.0	





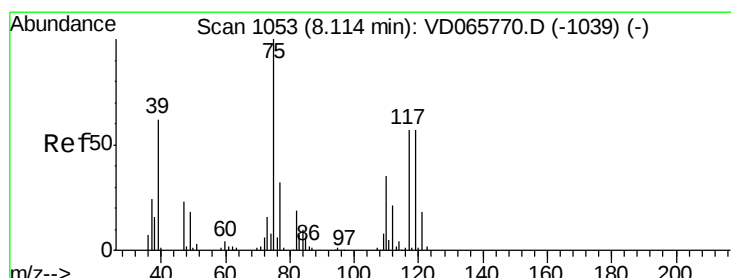
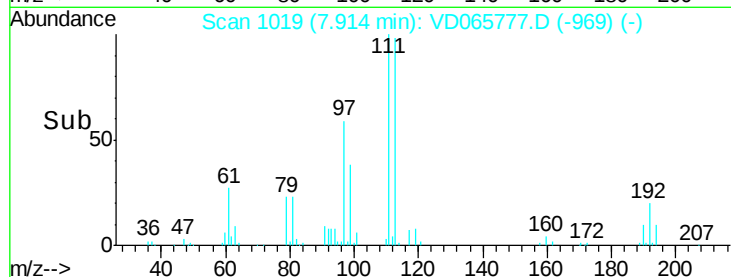
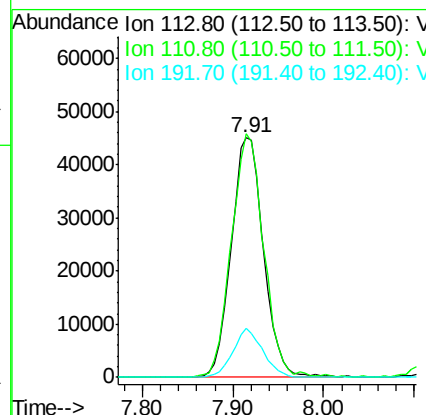
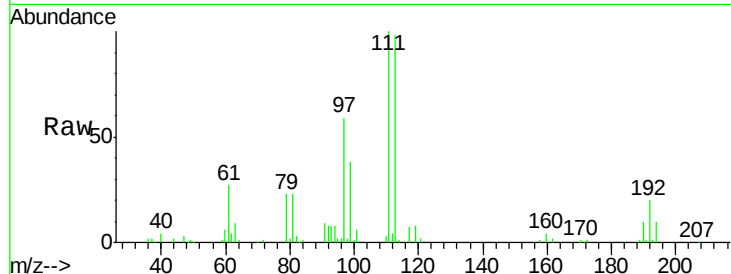
#35
 Dibromofluoromethane
 Concen: 51.763 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.0
192	18.8	15.7	23.5

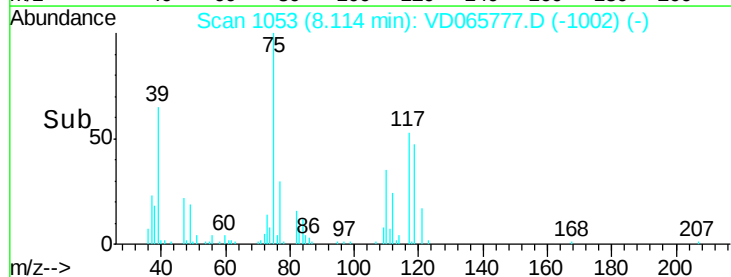
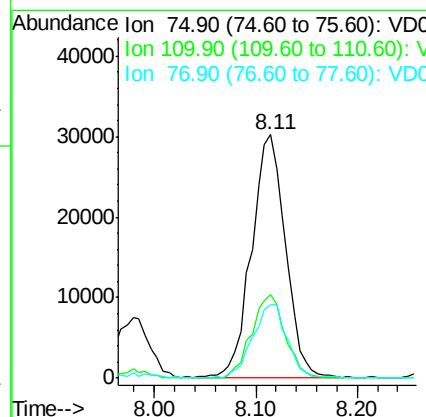
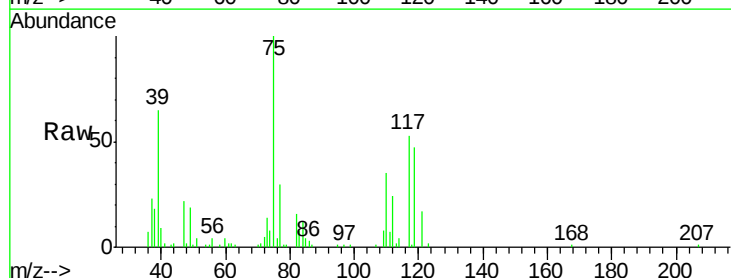
Manual Integrations
 APPROVED

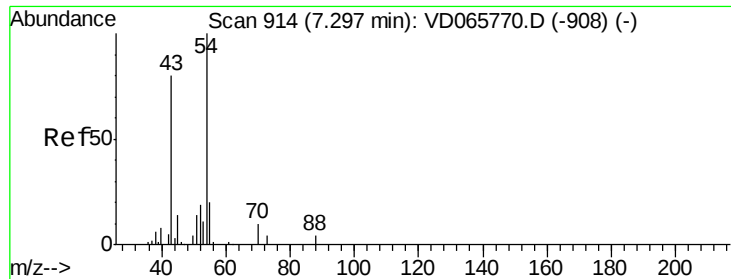
MMDadoda
 6/9/2020 2:50:41 PM



#36
 1,1-Dichloropropene
 Concen: 21.596 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.6	52.8
77	30.9	25.1	37.7





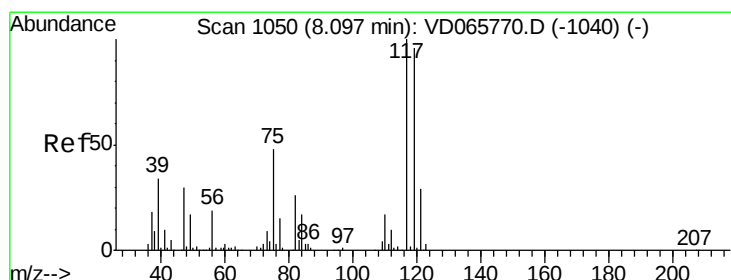
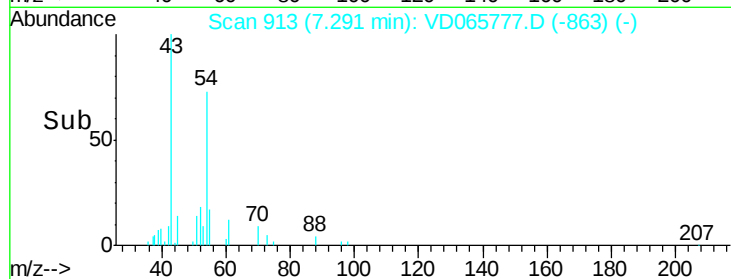
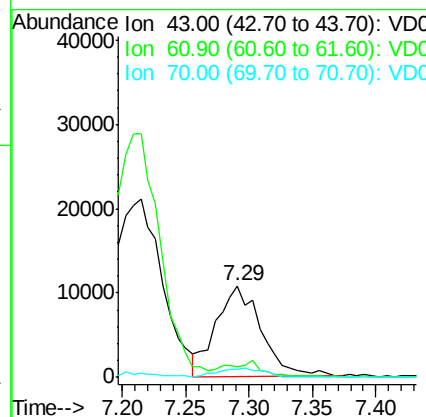
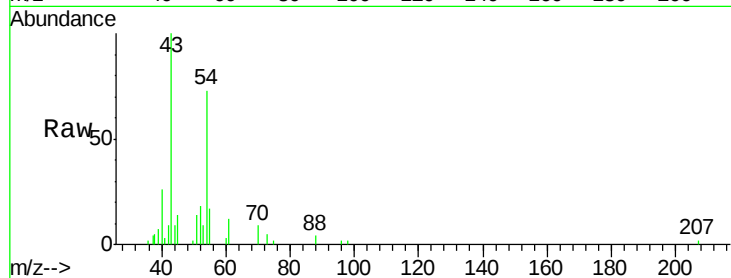
#37
Ethyl Acetate
Concen: 20.280 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	10.6	15.8
70	10.4	7.5	11.3

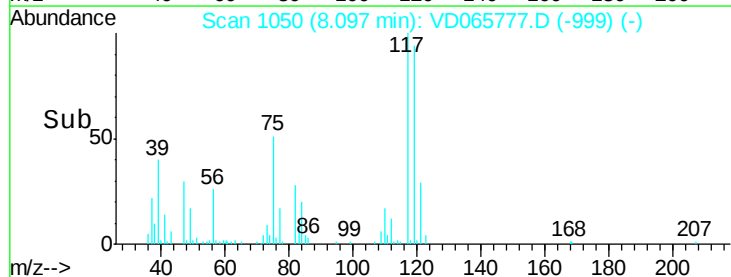
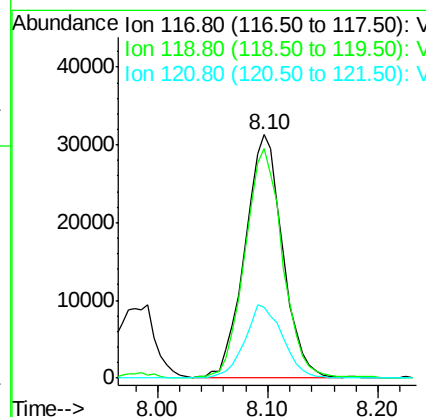
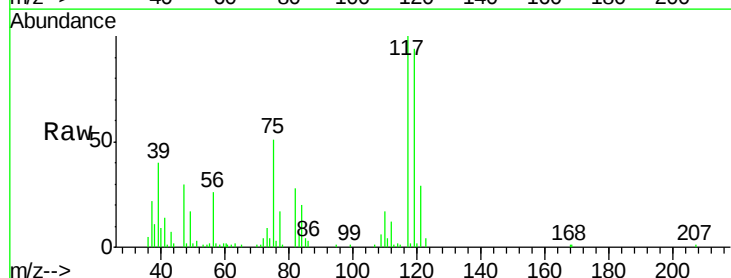
Manual Integrations
APPROVED

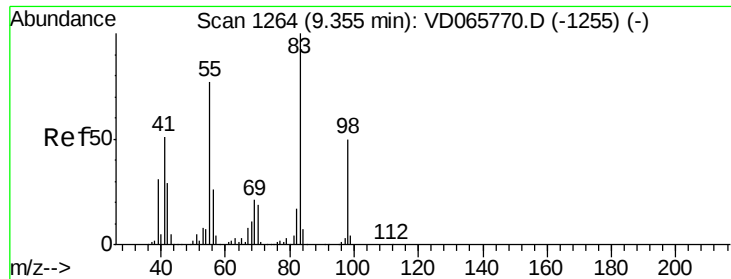
MMDadoda
6/9/2020 2:50:41 PM



#38
Carbon Tetrachloride
Concen: 21.967 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.8	115.2
121	29.3	23.4	35.2





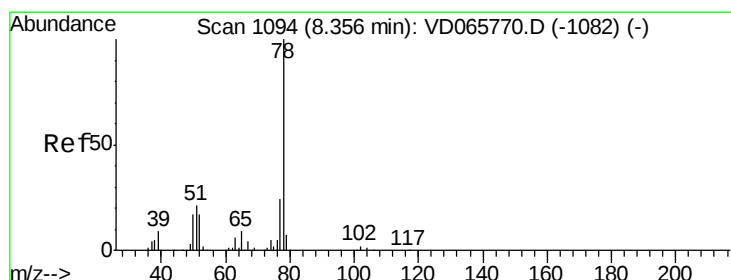
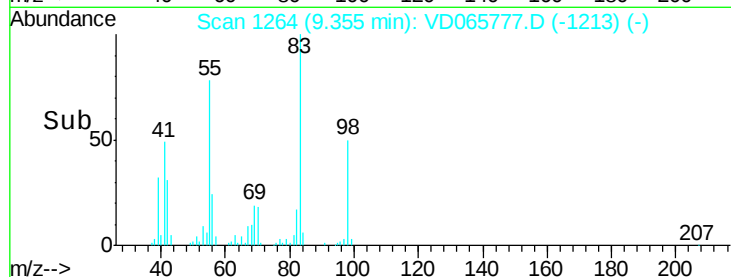
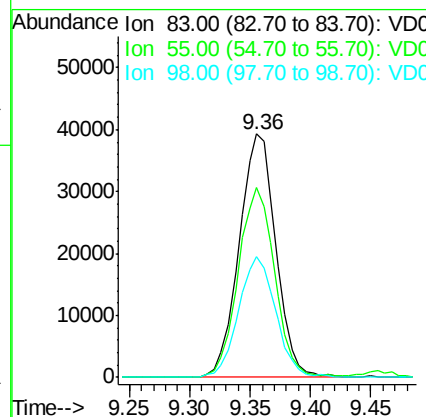
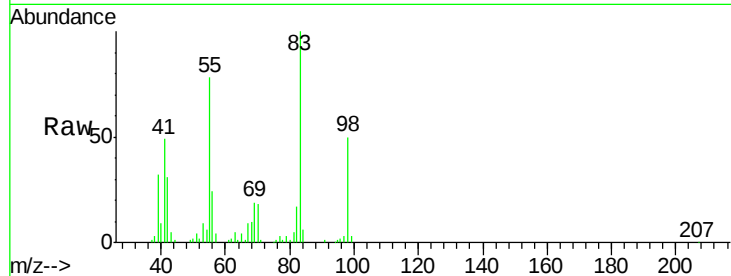
#39
Methvlcvclohexane
Concen: 21.521 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	61.6	92.4
98	49.7	40.2	60.2

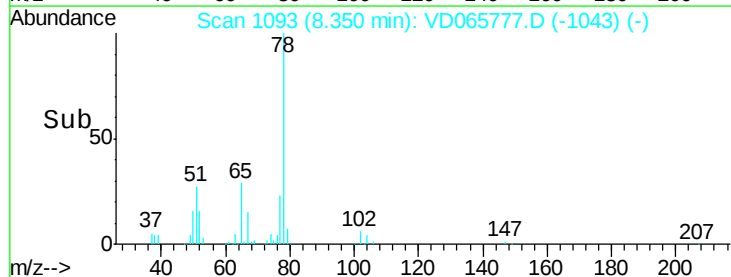
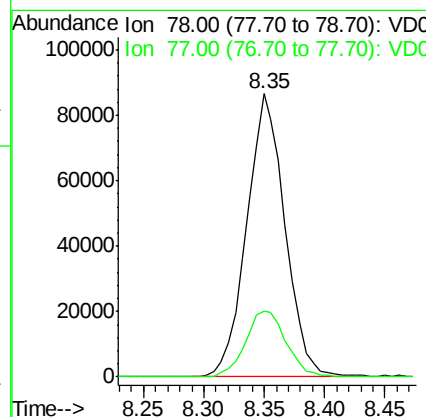
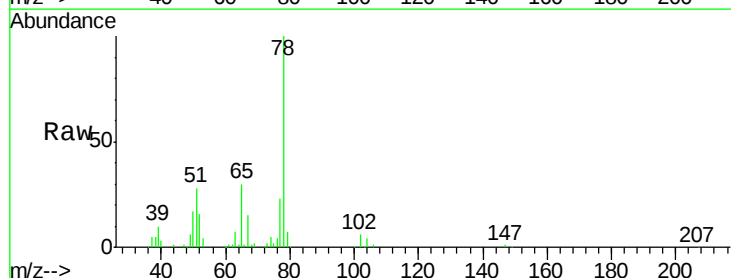
Manual Integrations
APPROVED

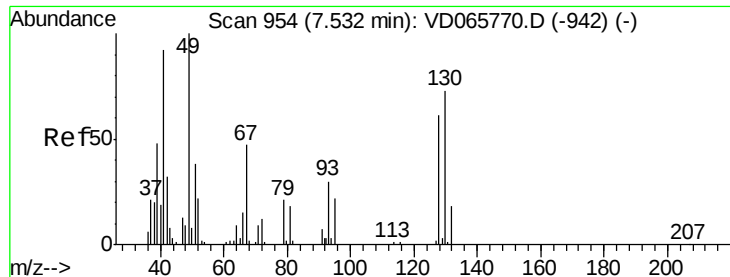
MMDadoda
6/9/2020 2:50:41 PM



#40
Benzene
Concen: 21.257 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





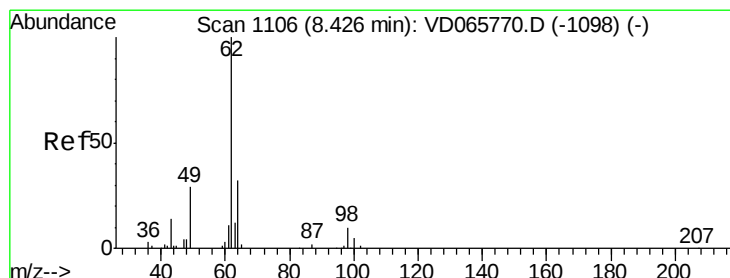
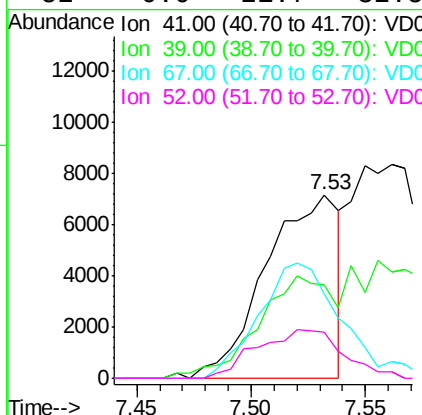
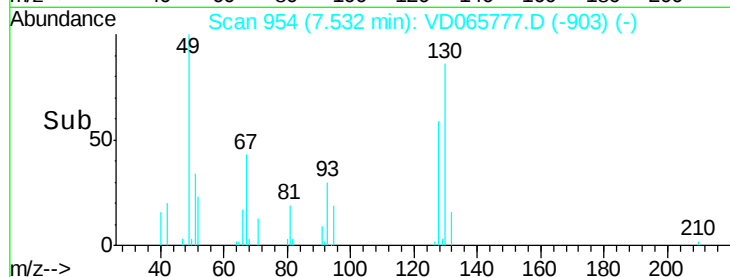
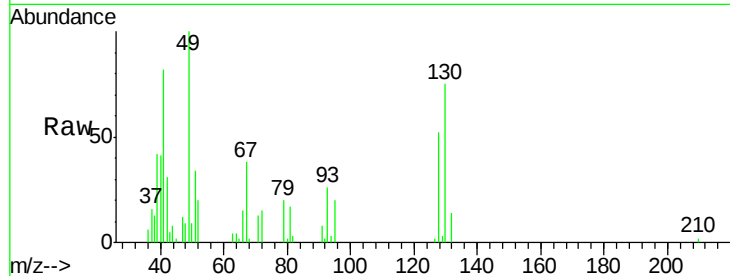
#41
Methacrylonitrile
Concen: 20.819 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	41	Resp	15945
Ion	Ratio	Lower	Upper
41	100		
39	71.0	38.3	57.5#
67	0.0	49.8	74.6#
52	0.0	21.7	32.5#

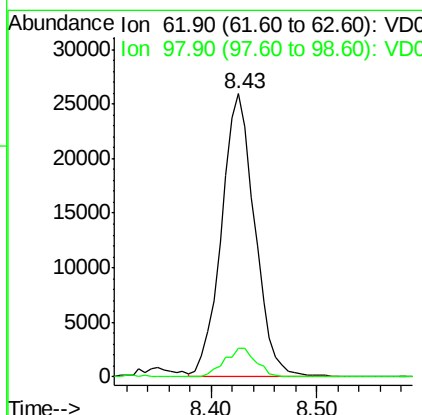
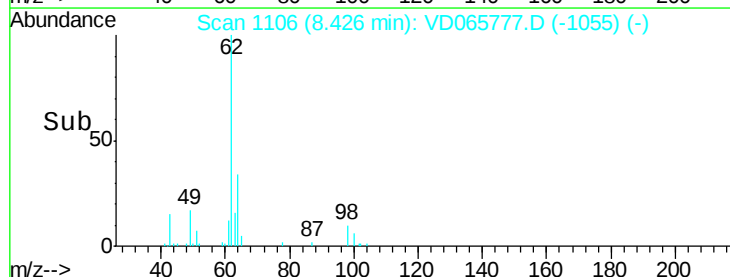
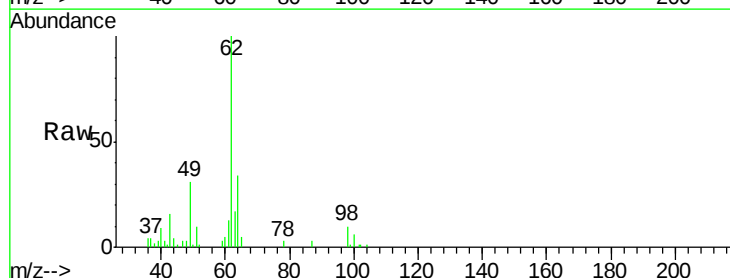
Manual Integrations
APPROVED

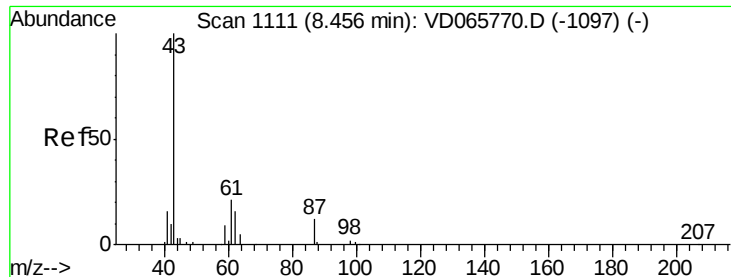
MMDadoda
6/9/2020 2:50:41 PM



#42
1,2-Dichloroethane
Concen: 21.024 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	62	Resp	56630
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6





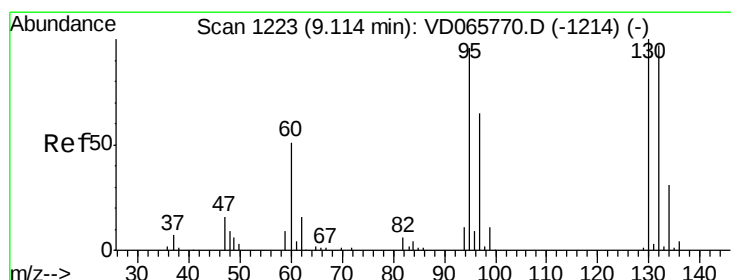
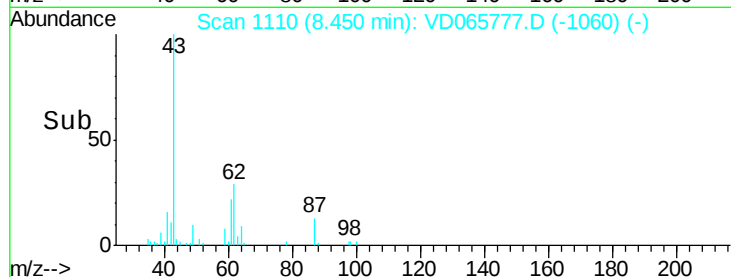
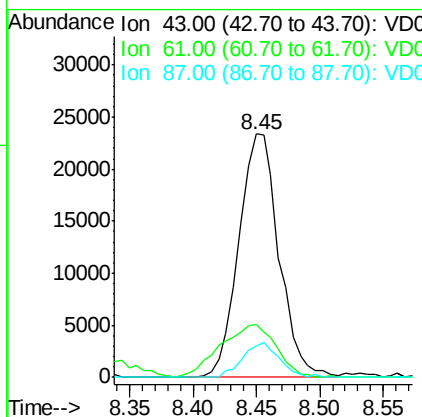
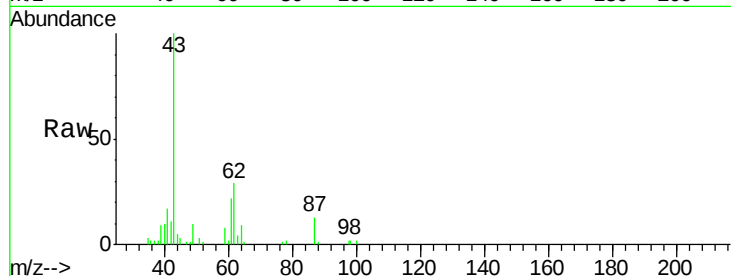
#43
Isopropyl Acetate
Concen: 20.085 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.2	24.2	36.4
87	13.0	9.5	14.3

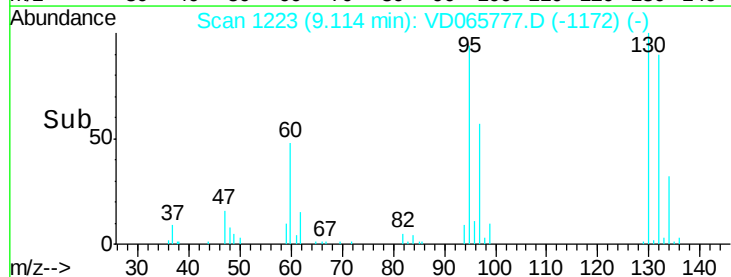
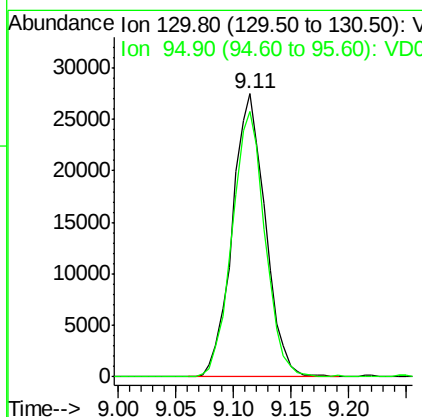
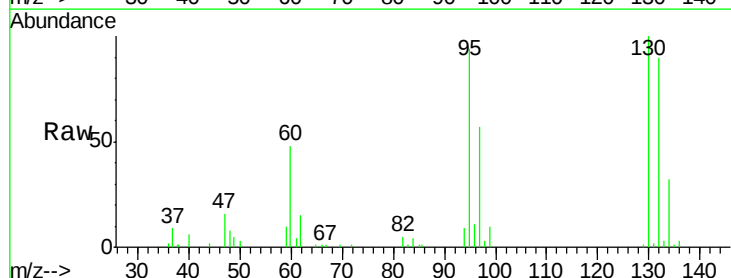
Manual Integrations
APPROVED

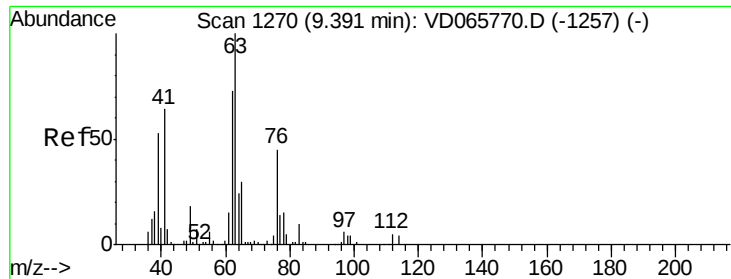
MMDadoda
6/9/2020 2:50:41 PM



#44
Trichloroethene
Concen: 21.928 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	192.8





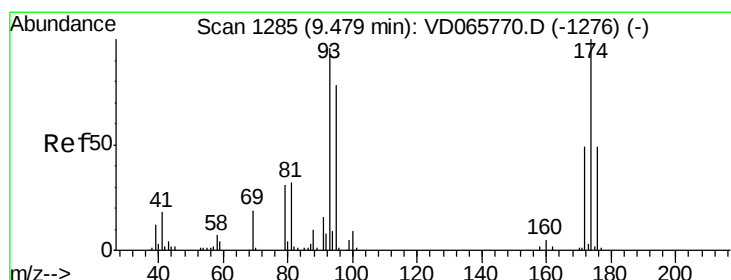
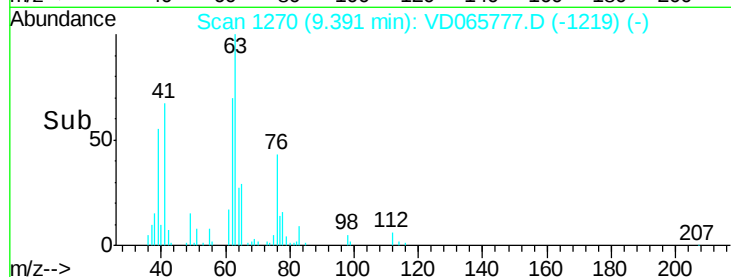
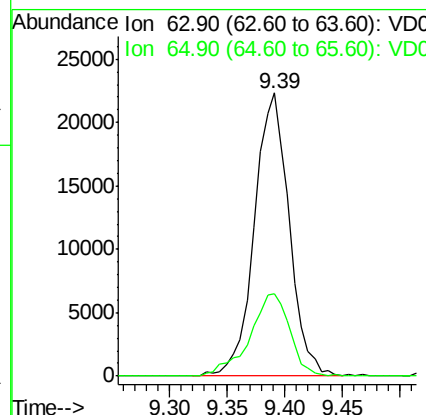
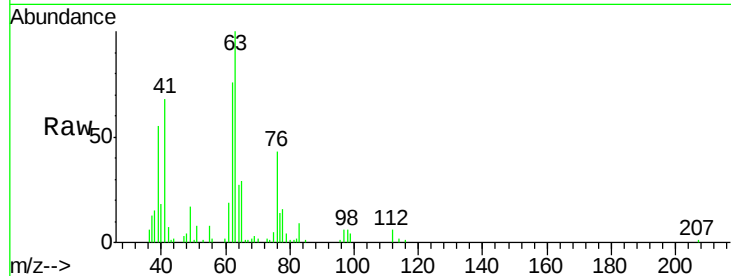
#45
 1,2-Dichloropropane
 Concen: 20.929 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Tot Ion: 63 Resp: 46946
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.2 36.2

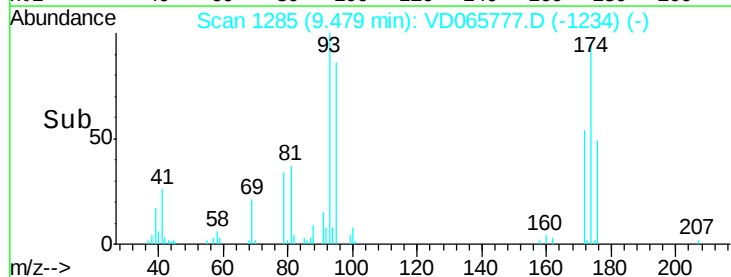
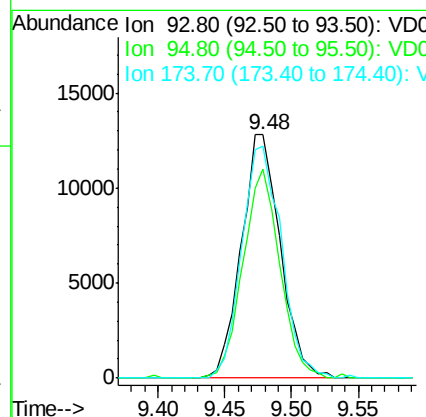
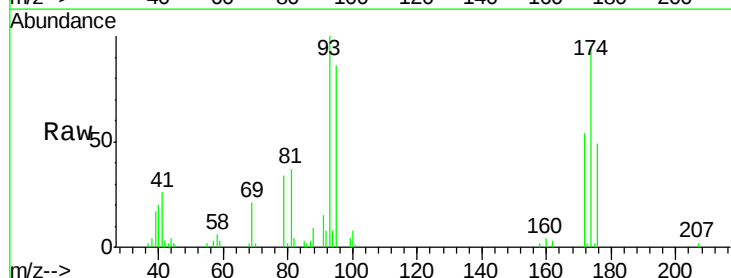
Manual Integrations
 APPROVED

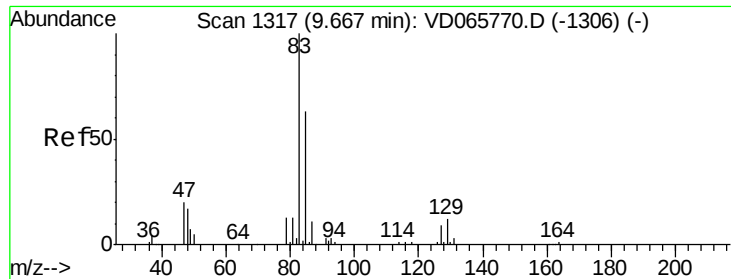
MMDadoda
 6/9/2020 2:50:41 PM



#46
 Dibromomethane
 Concen: 21.298 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Tgt Ion: 93 Resp: 25911
 Ion Ratio Lower Upper
 93 100
 95 80.9 65.8 98.6
 174 96.7 80.9 121.3





#47

Bromodichloromethane

Concen: 21.044 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

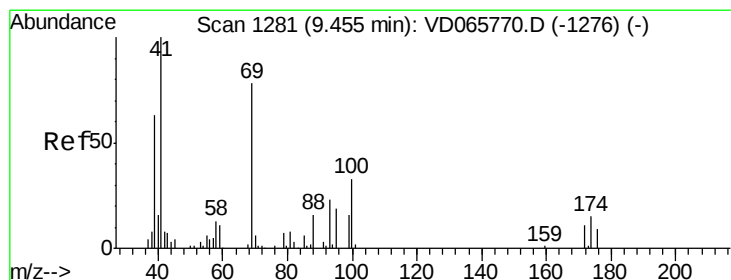
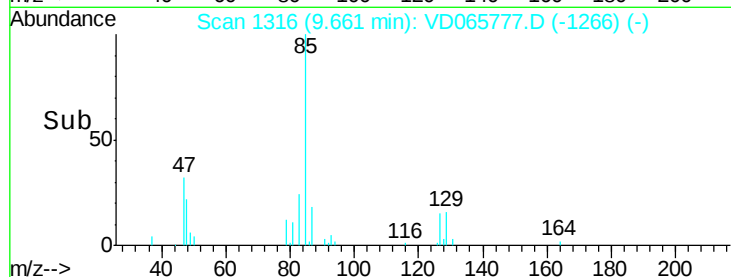
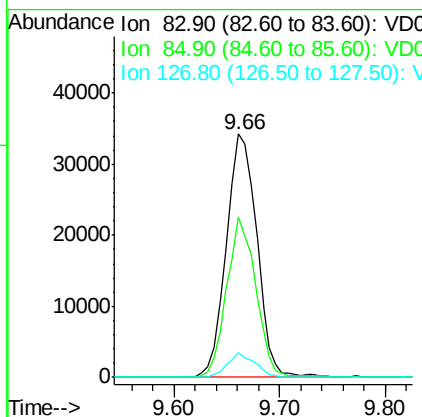
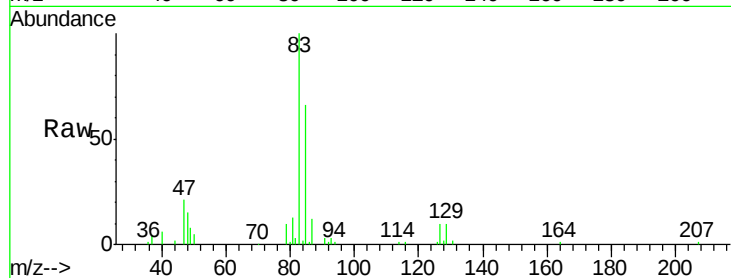
ClientSampleId :

VD0608SBS01

Tot Ion:	83	Resp:	68605
Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.7	76.1
127	10.2	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM



#48

Methyl methacrylate

Concen: 22.102 ug/l

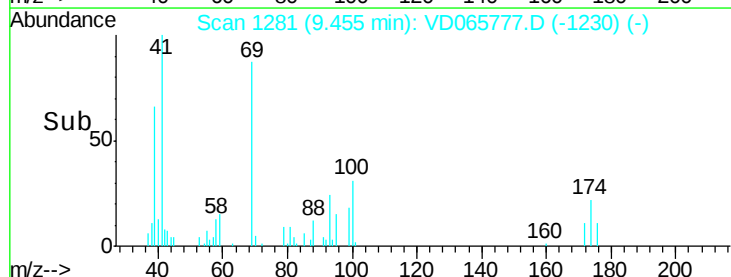
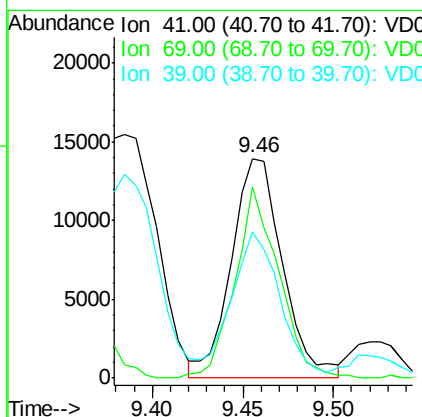
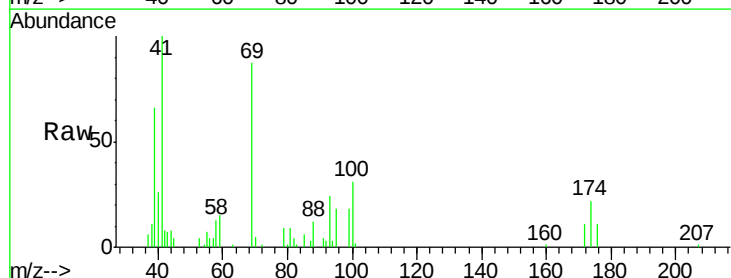
RT: 9.46 min Scan# 1281

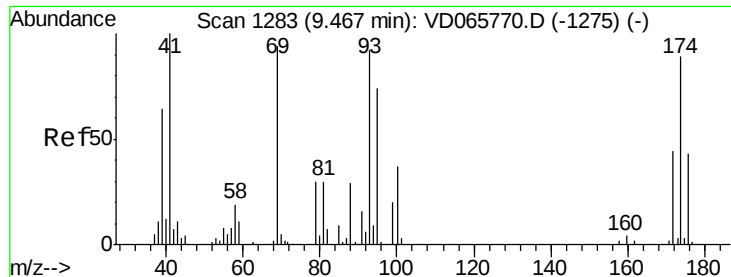
Delta R.T. 0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Tgt Ion:	41	Resp:	27364
Ion	Ratio	Lower	Upper
41	100		
69	74.5	60.9	91.3
39	58.3	48.1	72.1





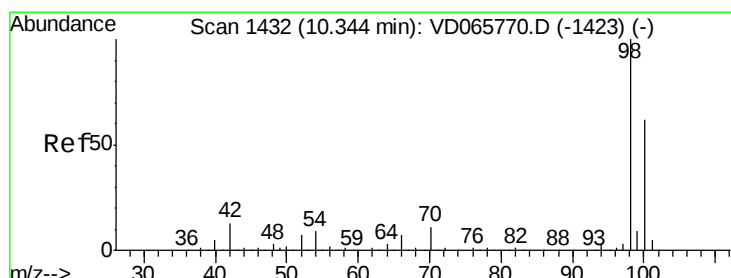
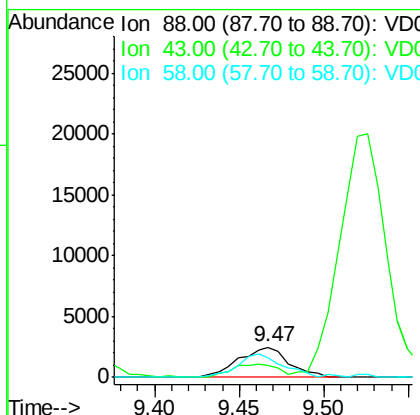
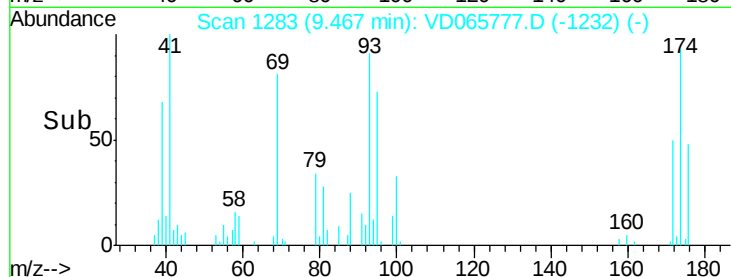
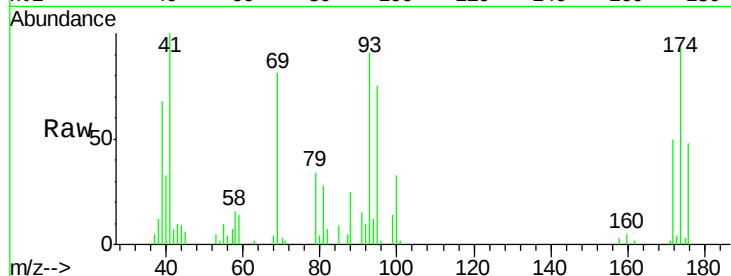
#49
1,4-Dioxane
Concen: 395.013 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.4	32.2	48.4
58	70.6	54.9	82.3

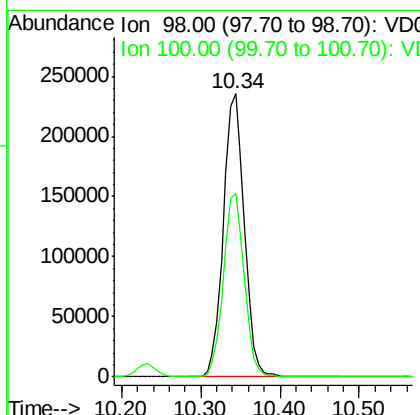
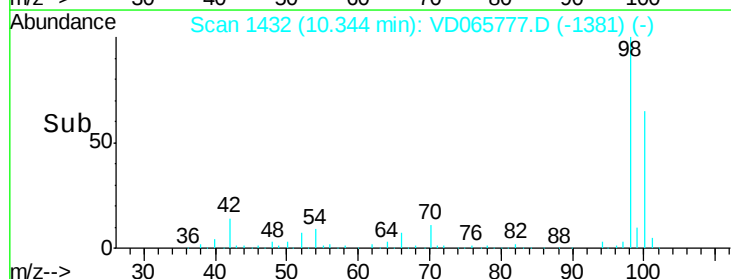
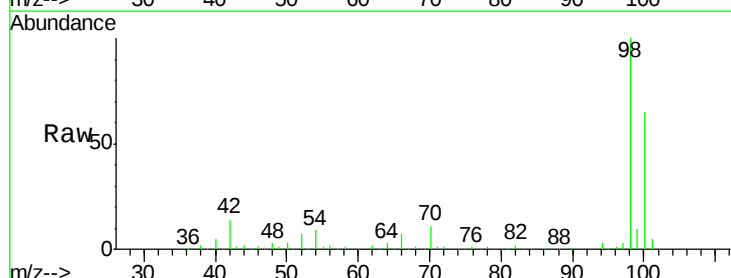
Manual Integrations
APPROVED

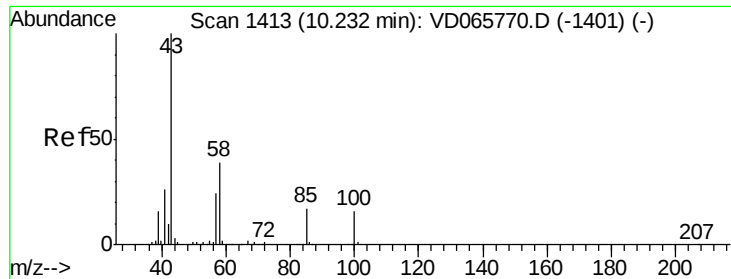
MMDadoda
6/9/2020 2:50:41 PM



#50
Toluene-d8
Concen: 53.534 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.2





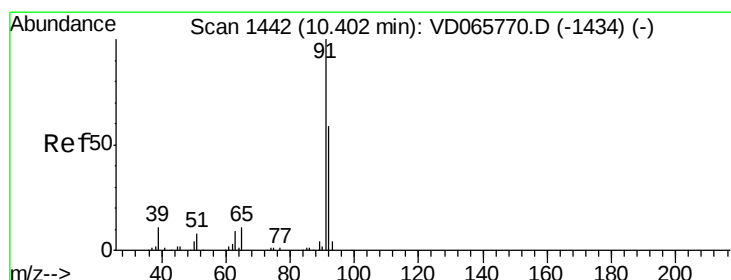
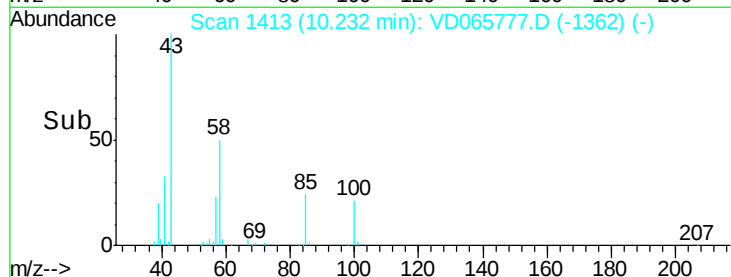
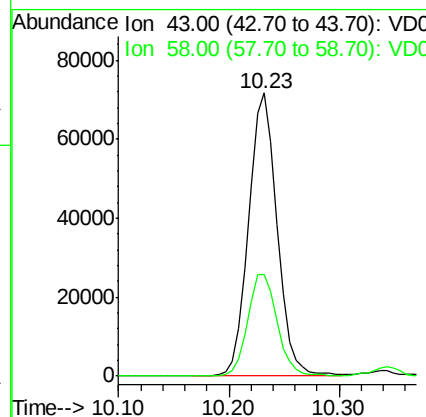
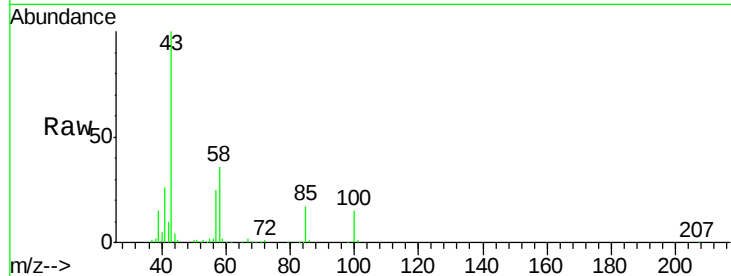
#51
4-Methyl-2-Pentanone
Concen: 104.144 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.0	30.7	46.1

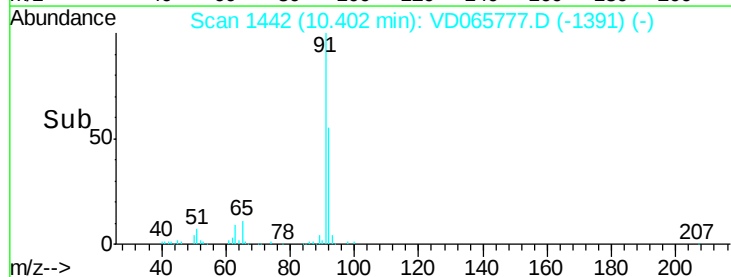
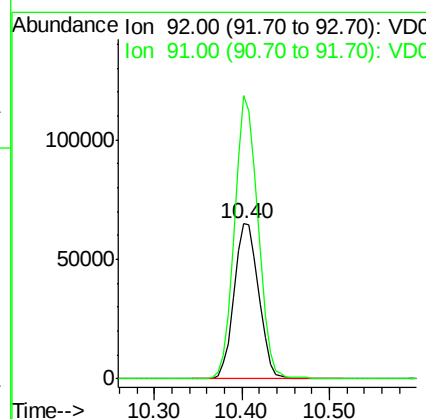
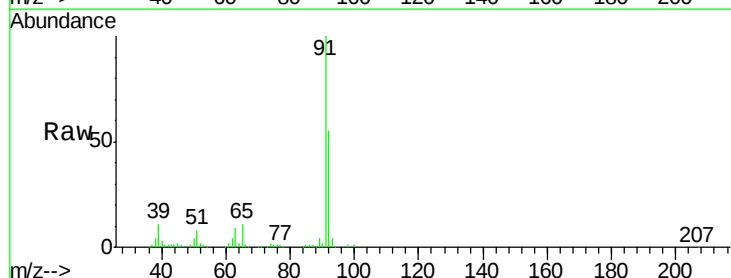
Manual Integrations
APPROVED

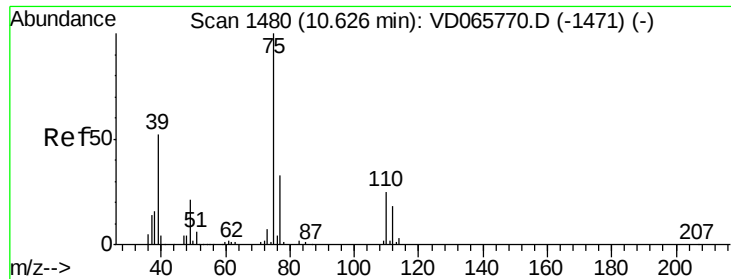
MMDadoda
6/9/2020 2:50:41 PM



#52
Toluene
Concen: 21.398 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.8	137.8	206.8





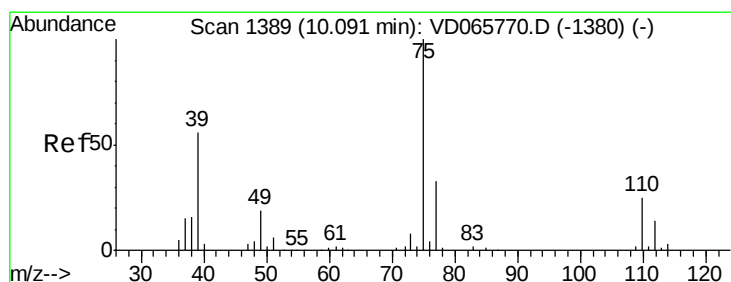
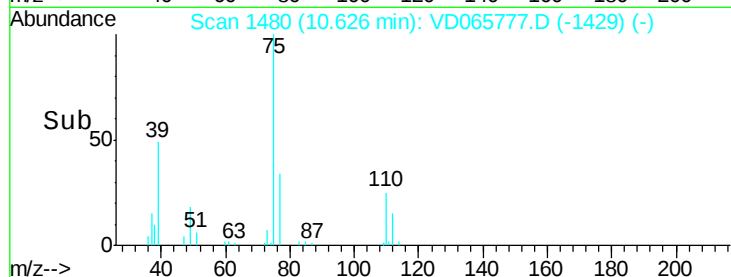
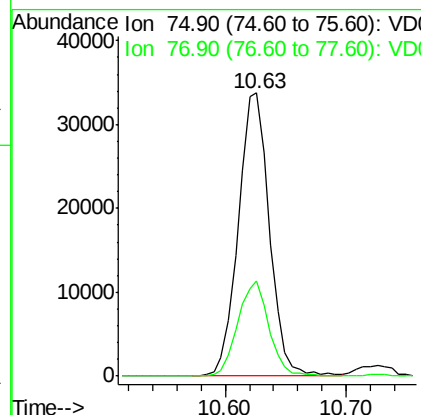
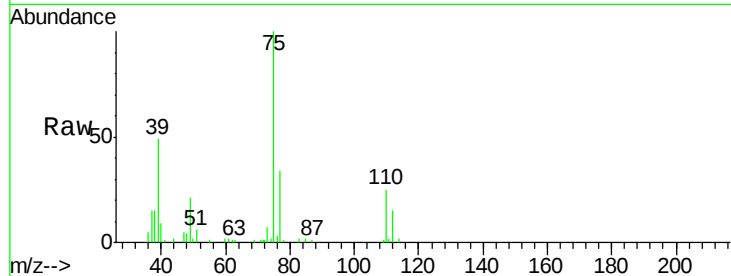
#53
t-1,3-Dichloropropene
Concen: 20.586 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.7	26.4	39.6

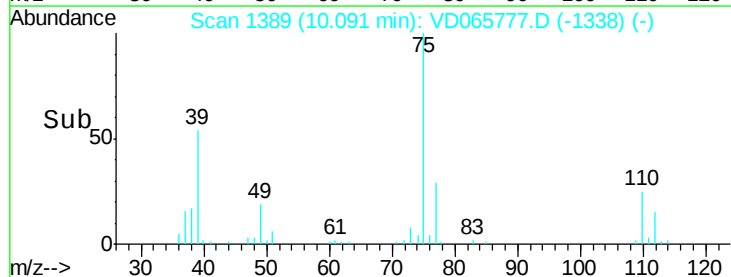
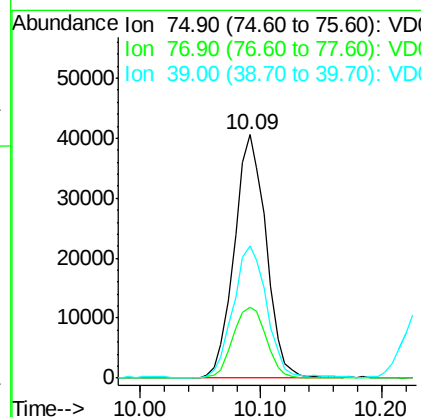
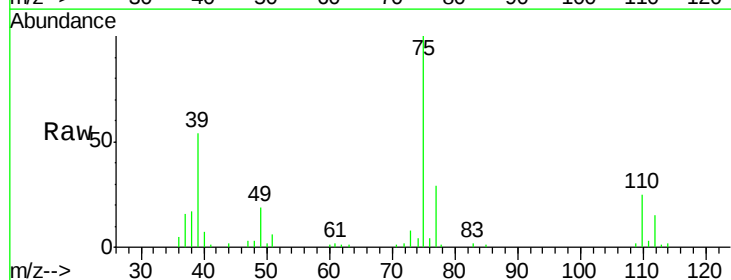
Manual Integrations
APPROVED

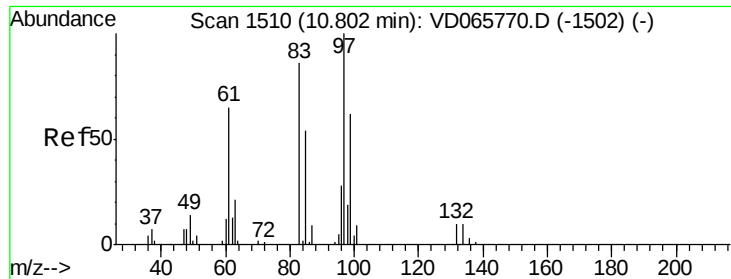
MMDadoda
6/9/2020 2:50:41 PM



#54
cis-1,3-Dichloropropene
Concen: 21.335 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	28.9	26.0	39.0
39	54.2	45.0	67.6





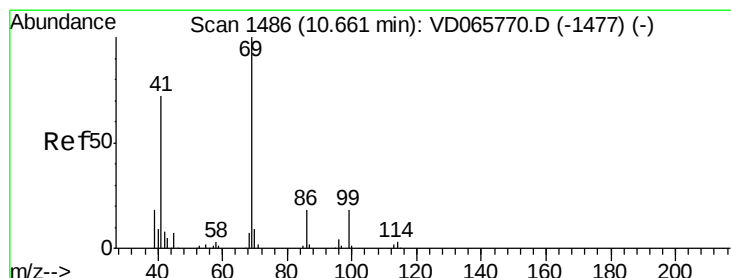
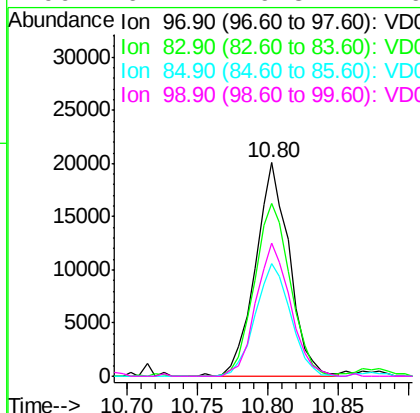
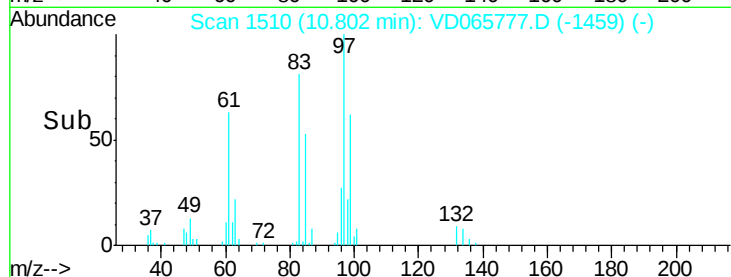
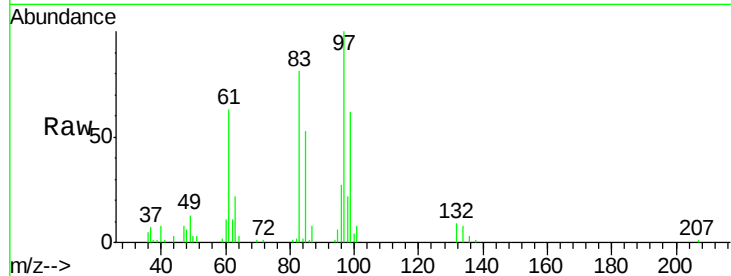
#55
 1,1,2-Trichloroethane
 Concen: 20.930 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.8	68.7	103.1
85	53.0	43.0	64.6
99	62.1	49.8	74.6

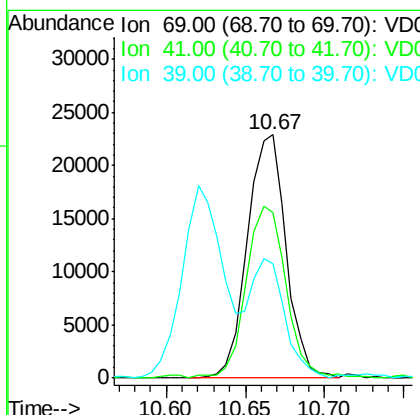
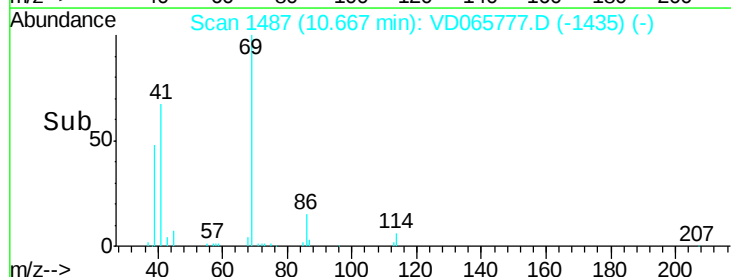
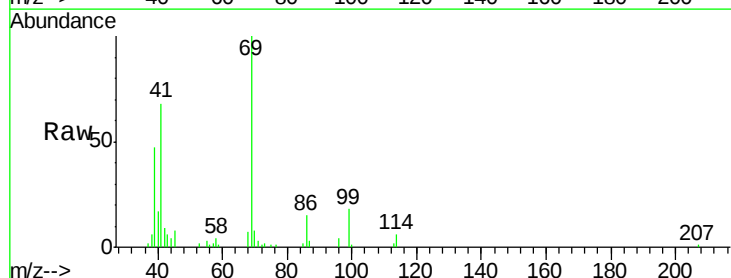
Manual Integrations
 APPROVED

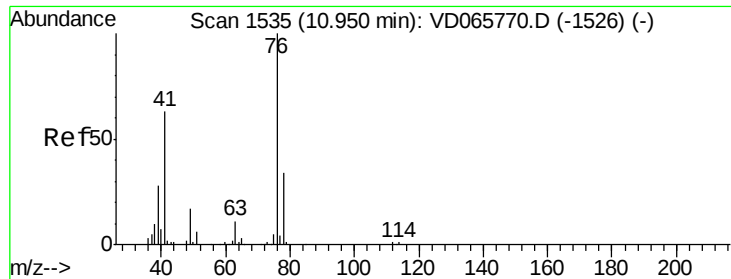
MMDadoda
 6/9/2020 2:50:41 PM



#56
 Ethyl methacrylate
 Concen: 20.404 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.3	56.9	85.3
39	46.2	36.0	54.0





#57

1,3-Dichloropropane

Concen: 21.074 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0608SBS01

Tot Ion: 76 Resp: 59348

Ion Ratio Lower Upper

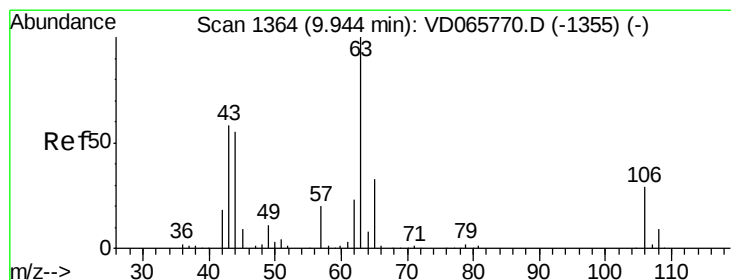
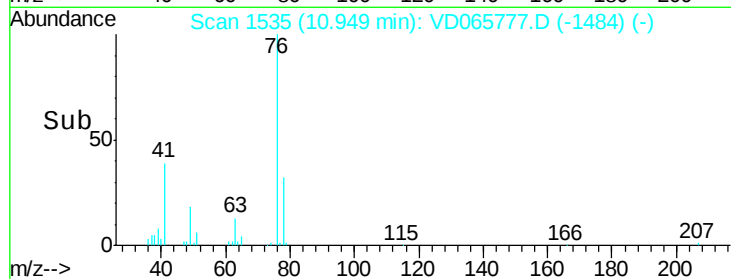
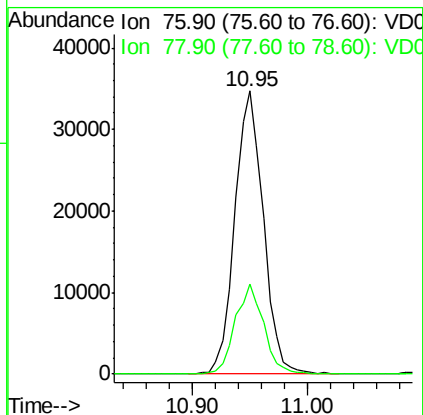
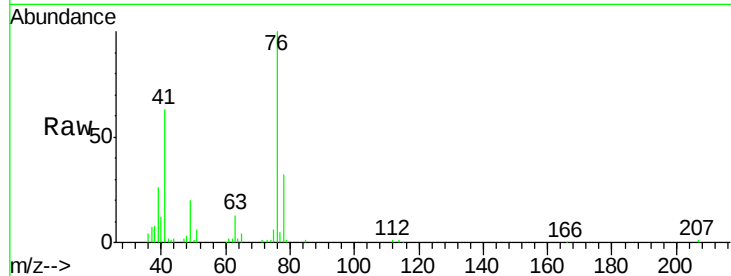
76 100

78 31.7 26.3 39.5

Manual Integrations
APPROVED

MMDadoda

6/9/2020 2:50:41 PM



#58

2-Chloroethyl Vinyl ether

Concen: 101.485 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065777.D

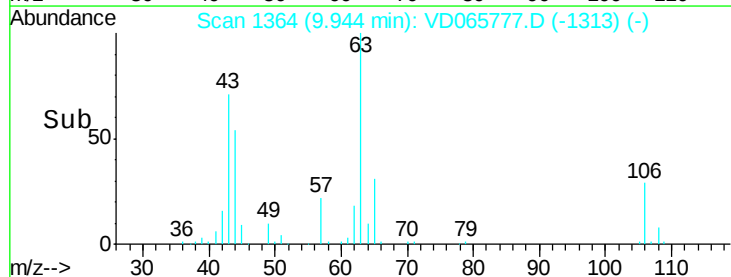
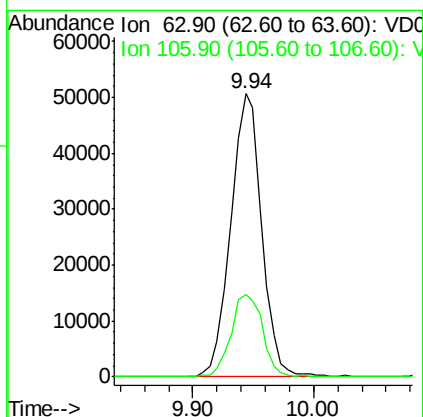
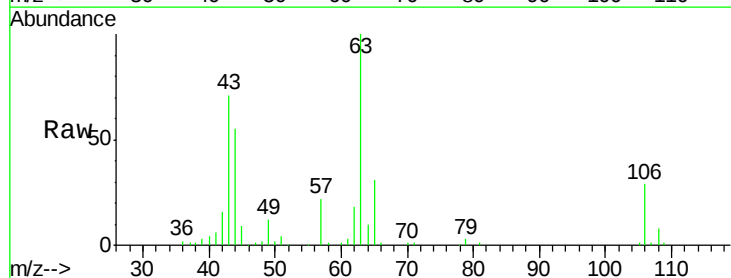
Acq: 08 Jun 2020 13:41

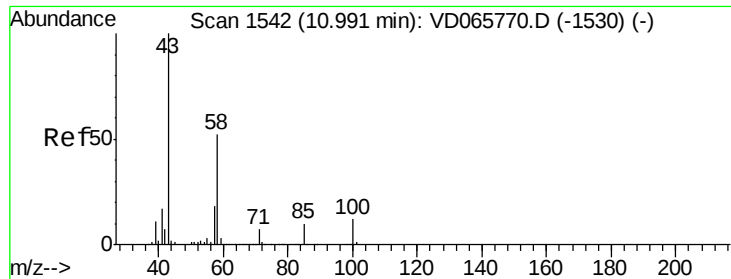
Tgt Ion: 63 Resp: 90210

Ion Ratio Lower Upper

63 100

106 29.6 23.2 34.8





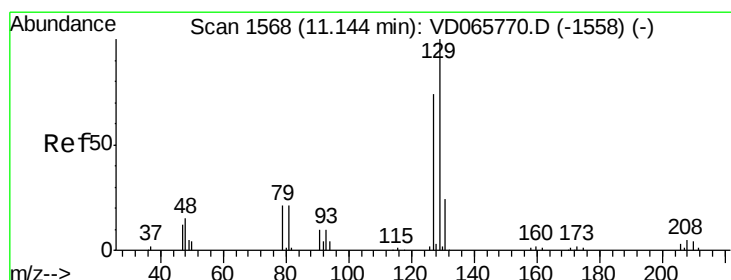
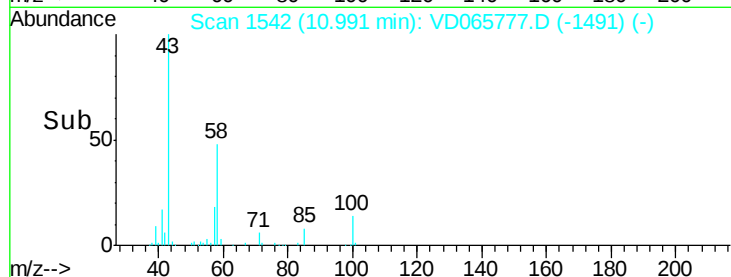
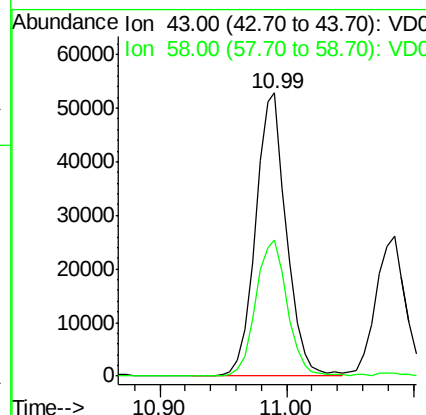
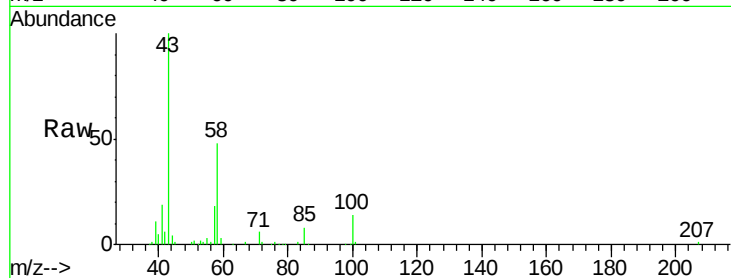
#59
2-Hexanone
Concen: 105.995 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	43	Resp	89563
Ion Ratio	100	Lower	Upper
43	100		
58	49.0	25.7	77.0

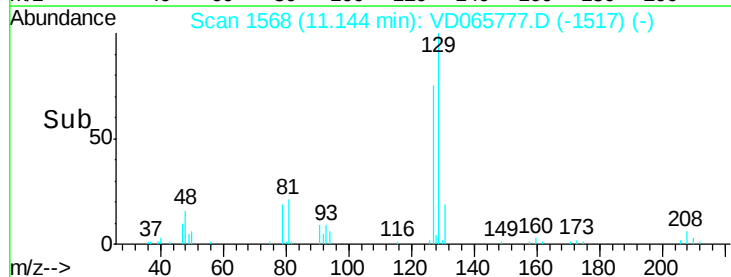
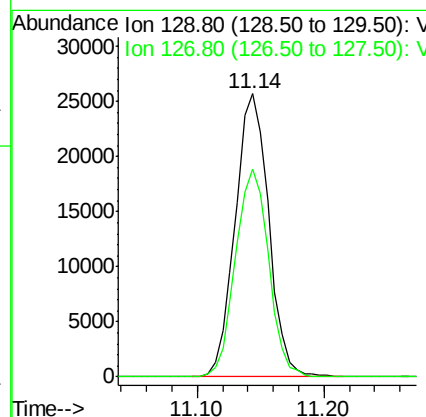
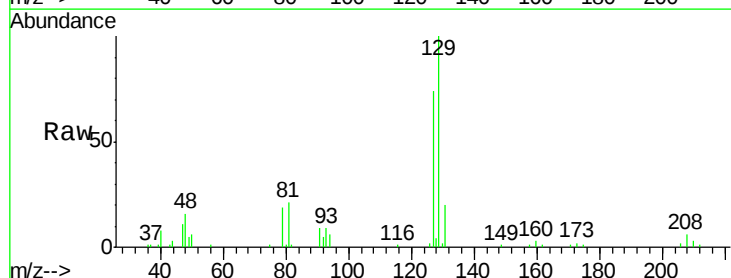
Manual Integrations
APPROVED

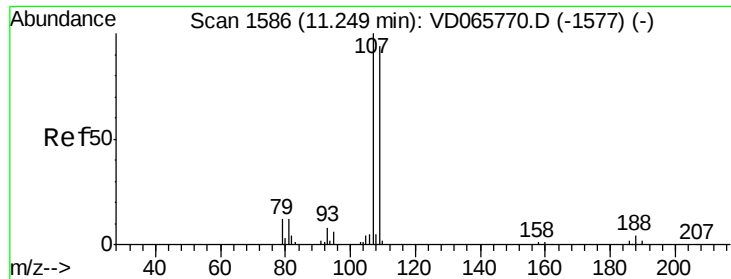
MMDadoda
6/9/2020 2:50:41 PM



#60
Dibromochloromethane
Concen: 21.415 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	129	Resp	47026
Ion Ratio	100	Lower	Upper
129	100		
127	72.6	38.0	113.9





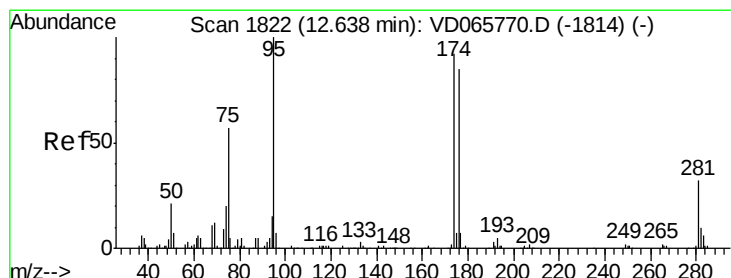
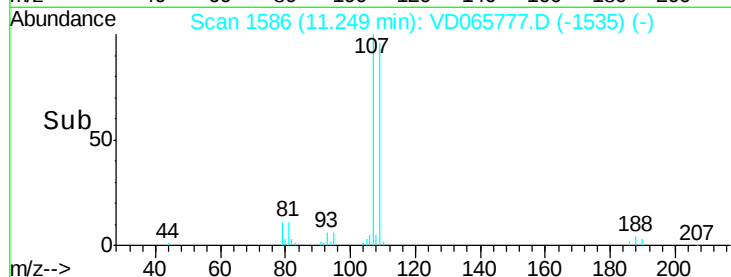
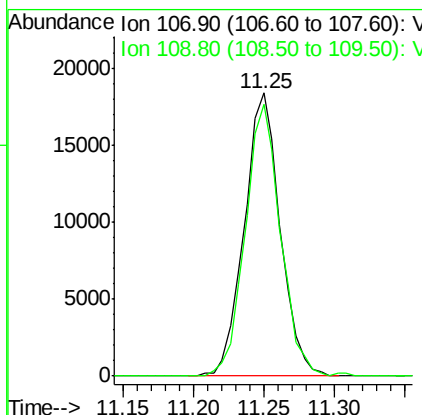
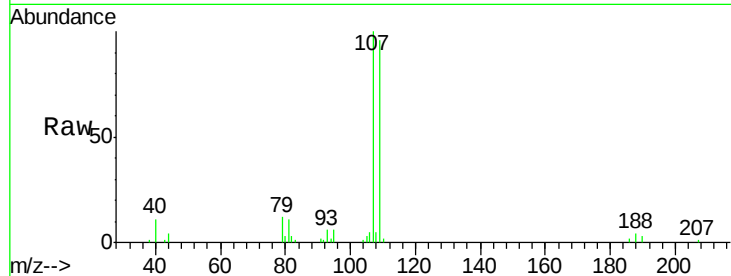
#61
 1,2-Dibromoethane
 Concen: 20.608 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Tot Ion: 107 Resp: 32921
 Ion Ratio Lower Upper
 107 100
 109 93.8 74.4 111.6

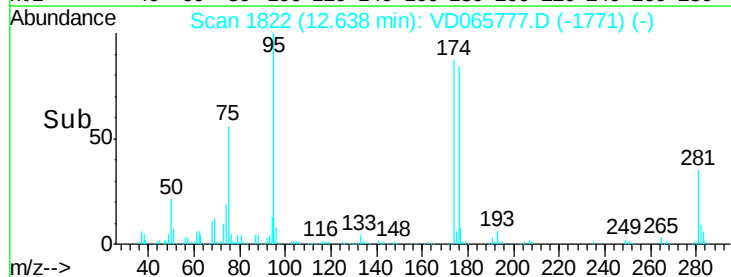
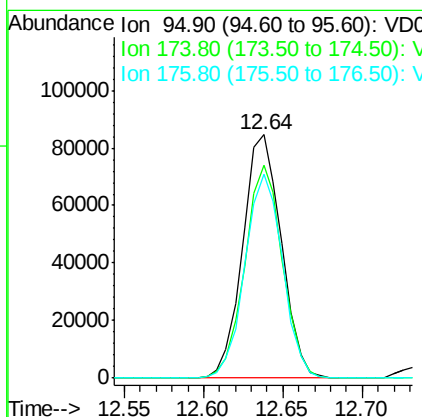
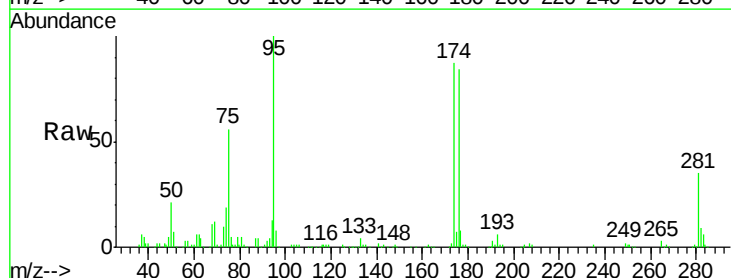
Manual Integrations
 APPROVED

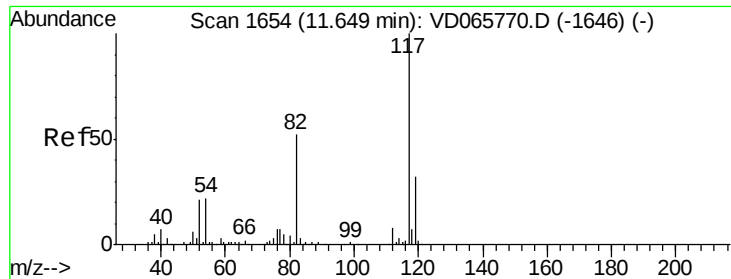
MMDadoda
 6/9/2020 2:50:41 PM



#62
 4-Bromofluorobenzene
 Concen: 52.592 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Tgt Ion: 95 Resp: 143211
 Ion Ratio Lower Upper
 95 100
 174 85.2 0.0 175.2
 176 81.9 0.0 163.0





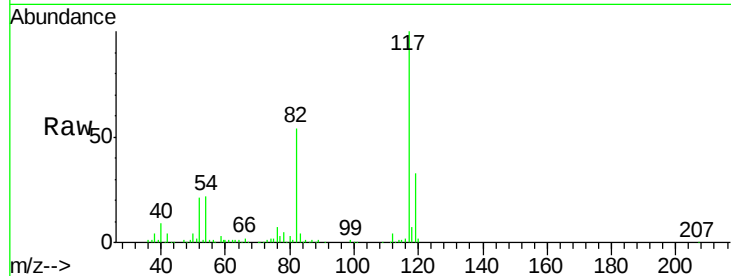
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	310655		
82	53.6		41.9	62.9
119	33.4		25.3	37.9

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM

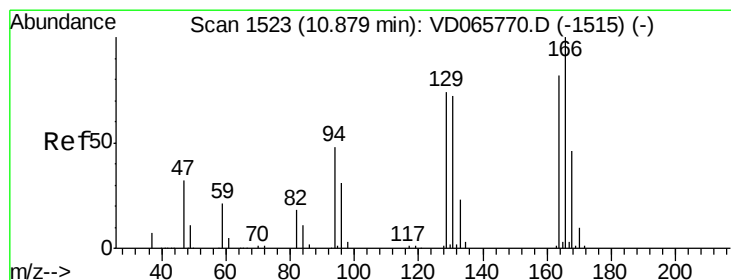
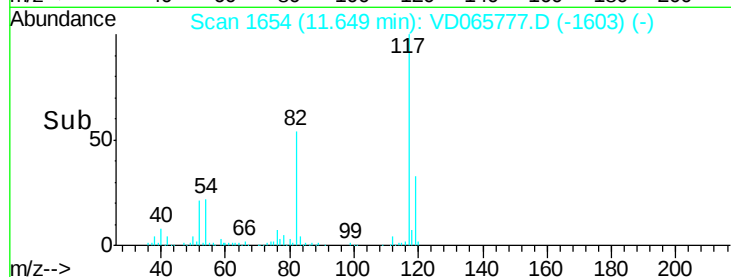
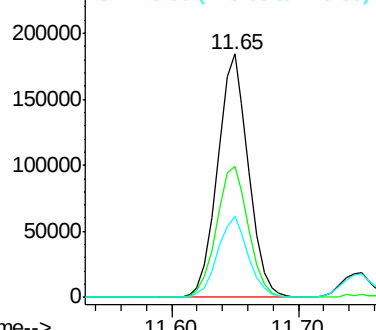


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.944 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43997		
166	124.7		98.2	147.2
129	87.7		72.3	108.5
131	93.1		70.5	105.7

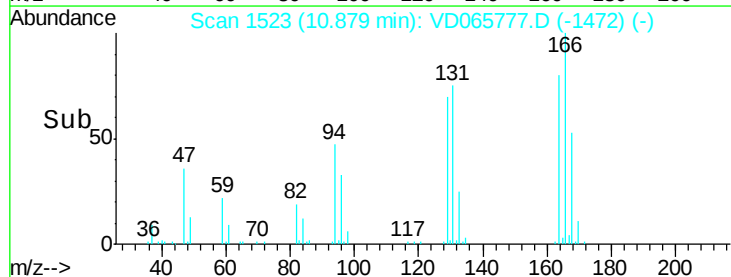
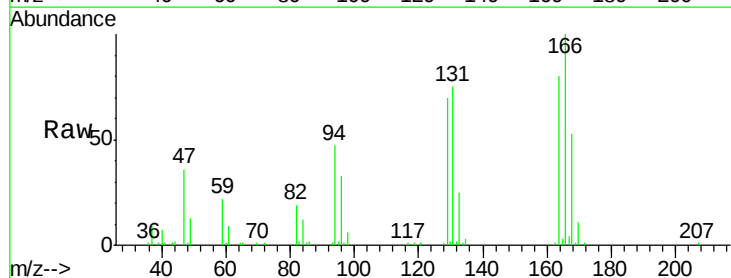
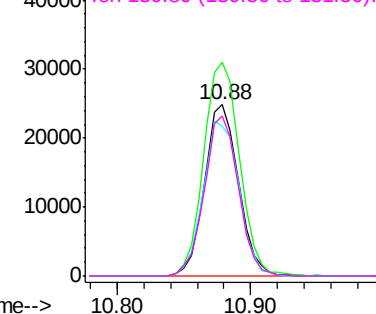
Abundance

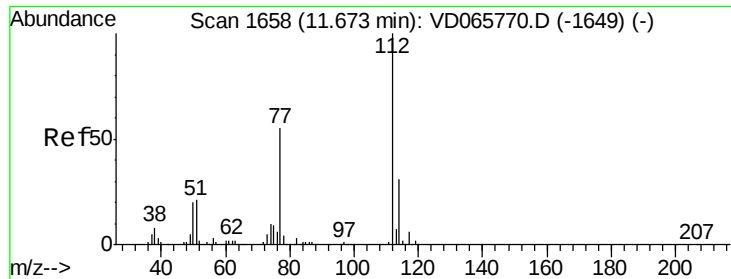
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





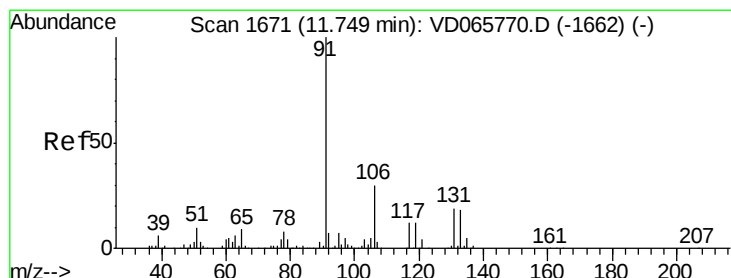
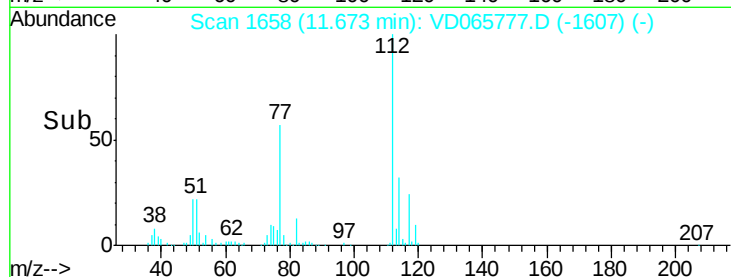
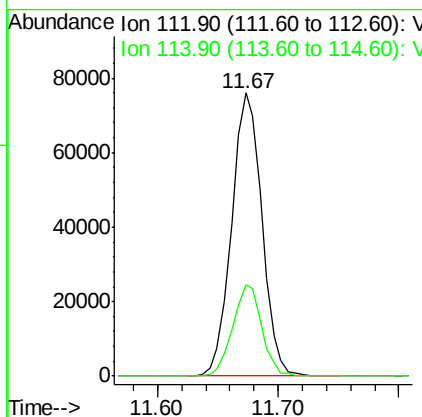
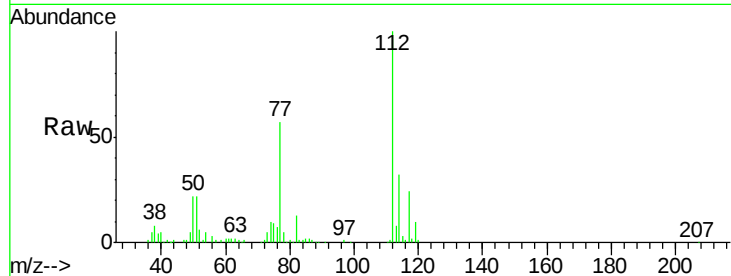
#65
Chlorobenzene
Concen: 21.886 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion:112 Resp: 132733
Ion Ratio Lower Upper
112 100
114 32.3 24.7 37.1

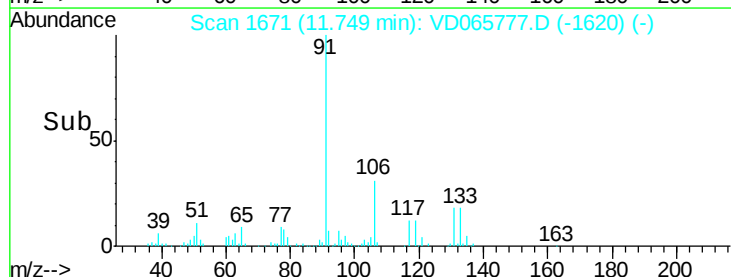
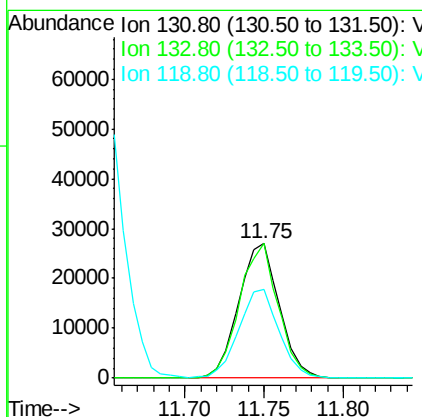
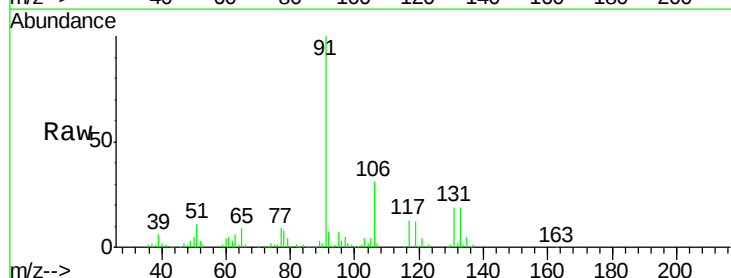
Manual Integrations
APPROVED

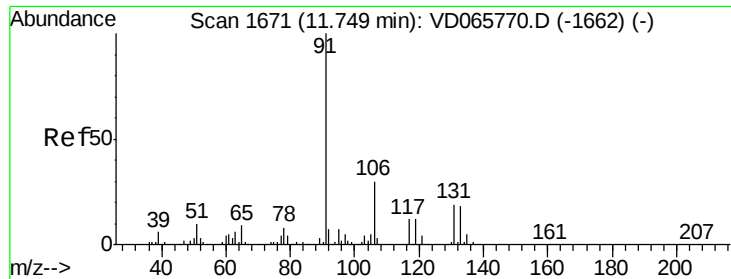
MMDadoda
6/9/2020 2:50:41 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.182 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion:131 Resp: 47886
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.9
119 65.8 31.6 94.8





#67

Ethyl Benzene

Concen: 21.898 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0608SBS01

Tot Ion: 91 Resp: 237242

Ion Ratio Lower Upper

91 100

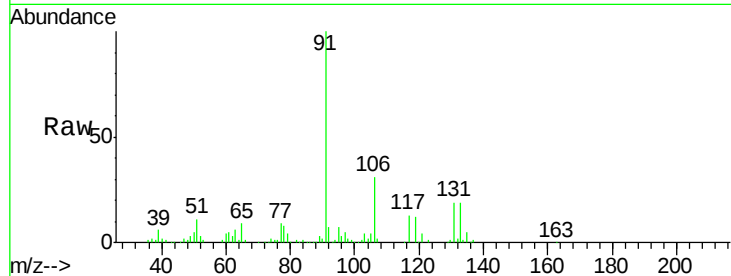
106 30.7 24.1 36.1

Manual Integrations

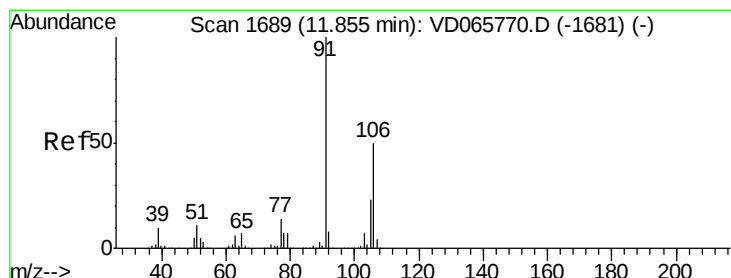
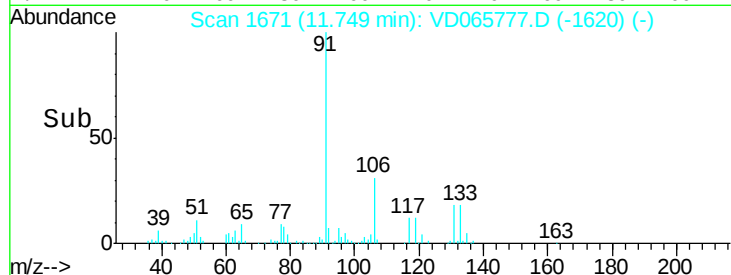
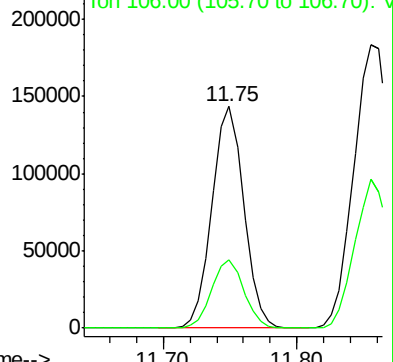
APPROVED

MMDadoda

6/9/2020 2:50:41 PM



Abundance Ion 91.00 (90.70 to 91.70): VD065777.D (-1620) (-)



#68

m/p-Xylenes

Concen: 43.241 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065777.D

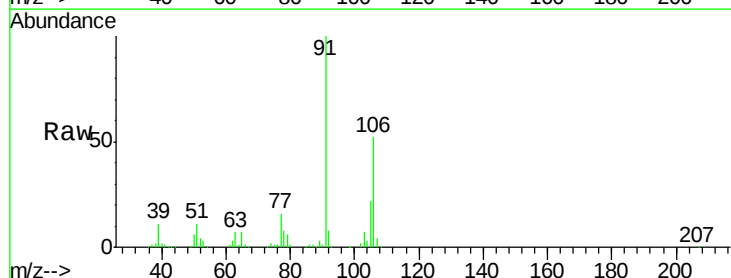
Acq: 08 Jun 2020 13:41

Tgt Ion: 106 Resp: 180450

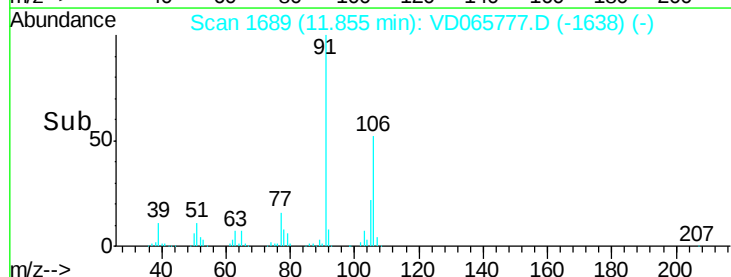
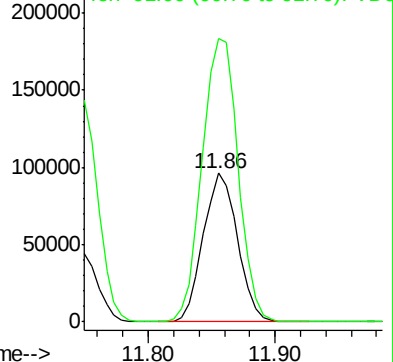
Ion Ratio Lower Upper

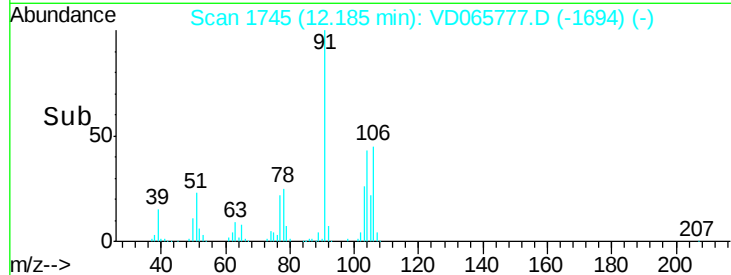
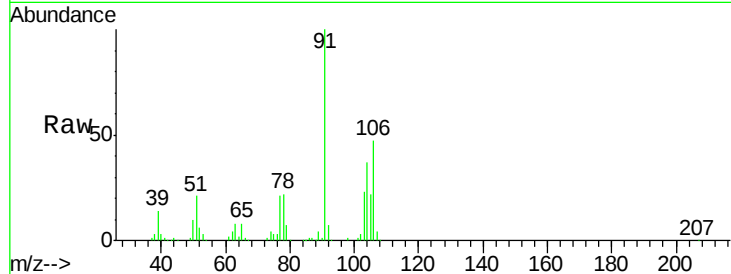
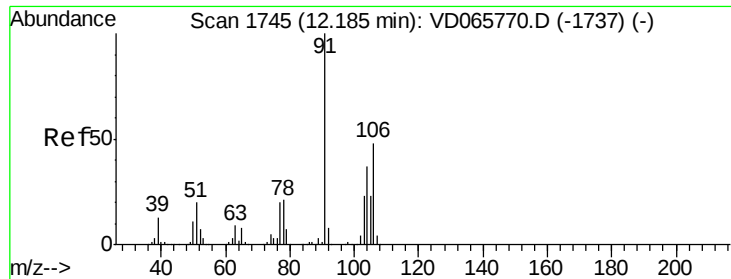
106 100

91 199.6 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VD065777.D (-1638) (-)





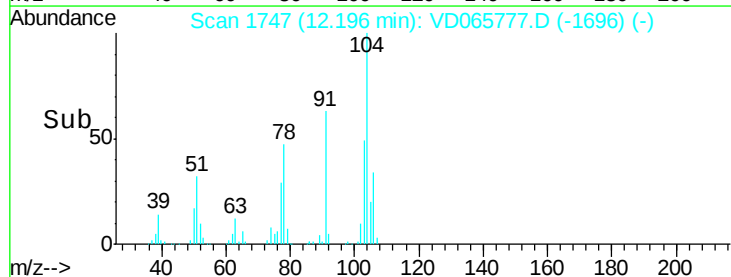
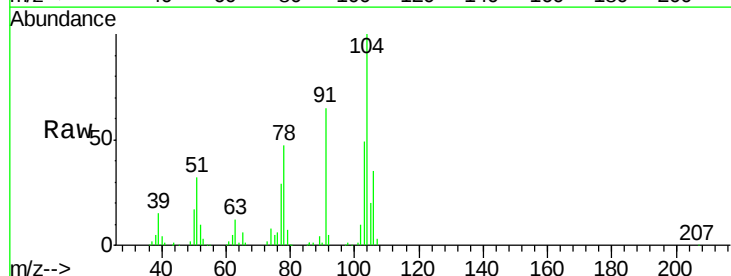
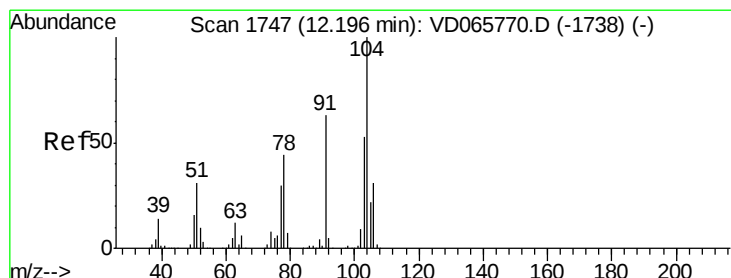
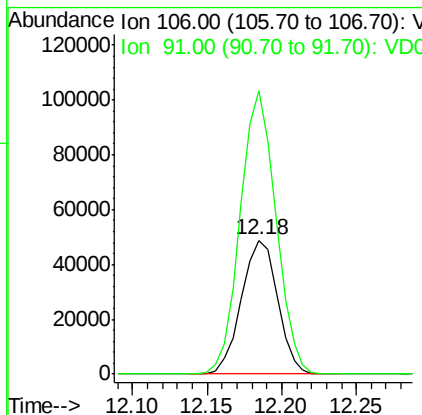
#69
o-Xylene
Concen: 21.822 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.9	105.3	315.8

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

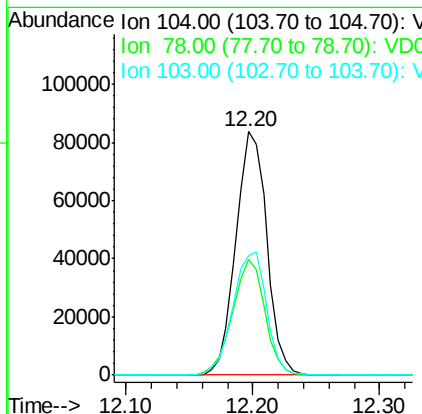
Manual Integrations
APPROVED

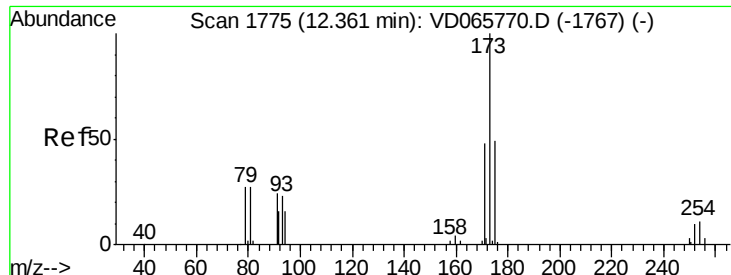
MMDadoda
6/9/2020 2:50:41 PM



#70
Styrene
Concen: 21.779 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	38.6	58.0
103	54.9	43.9	65.9





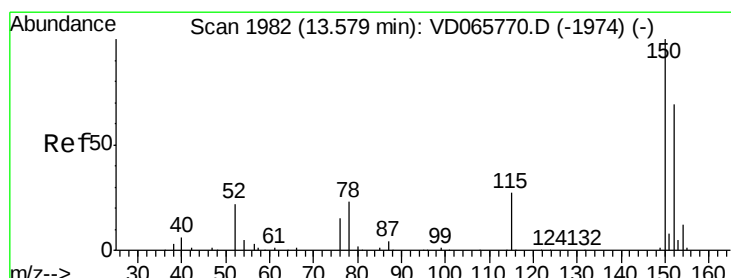
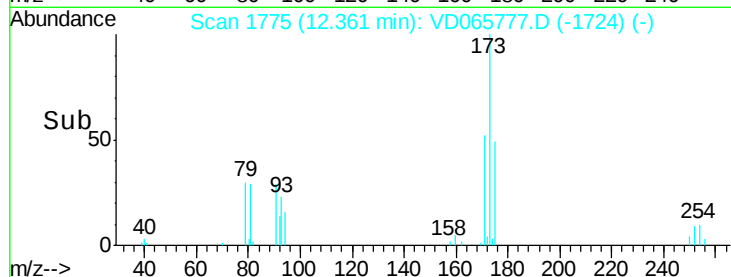
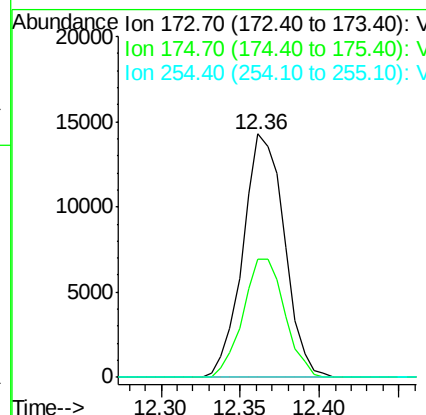
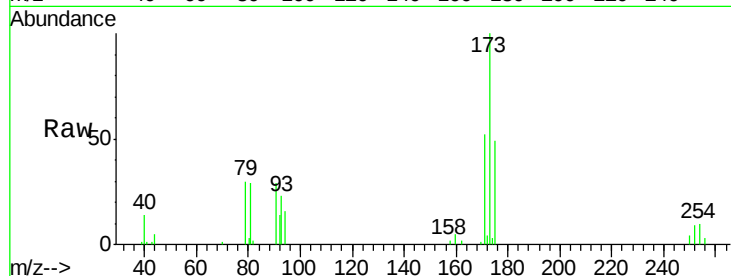
#71
Bromoform
Concen: 20.870 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.8	74.4
254	0.0	0.0	0.0

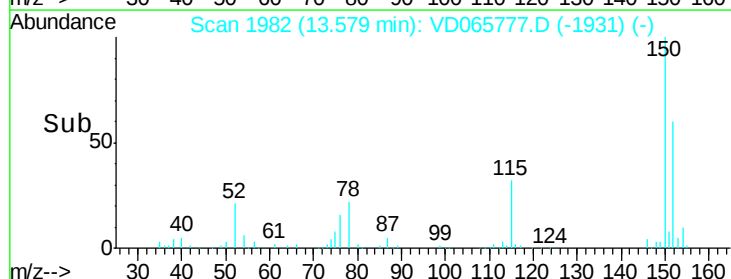
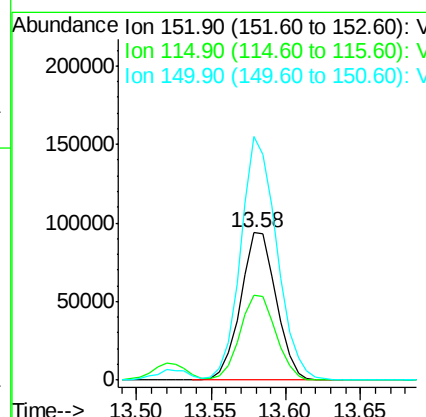
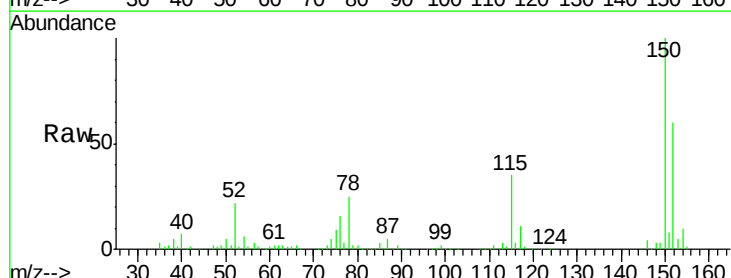
Manual Integrations
APPROVED

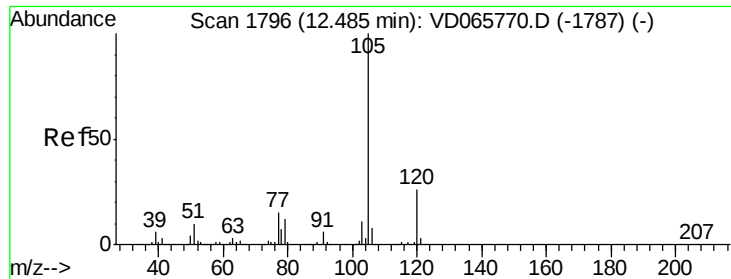
MMDadoda
6/9/2020 2:50:41 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.7	86.1
150	167.1	0.0	348.0





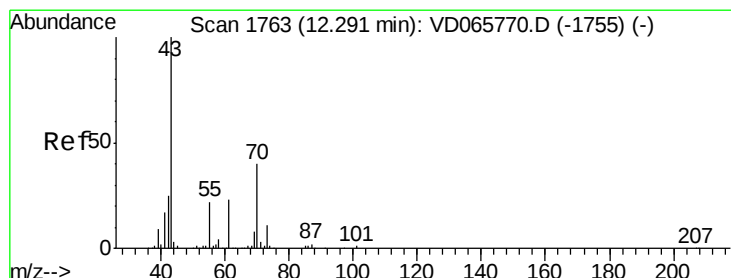
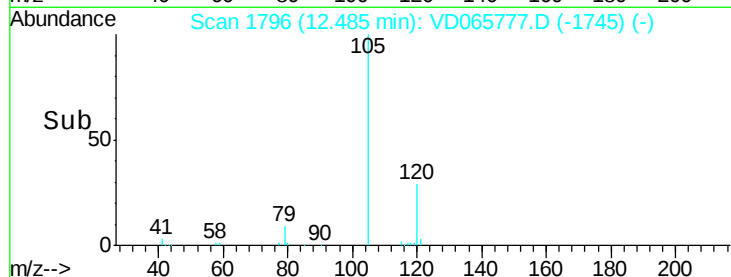
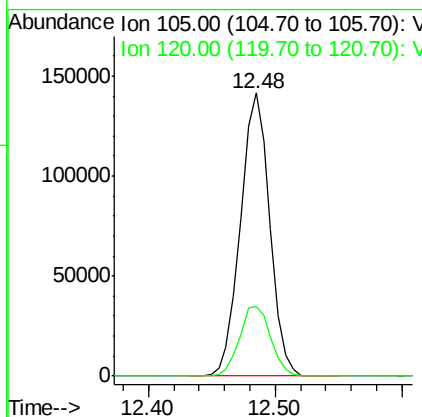
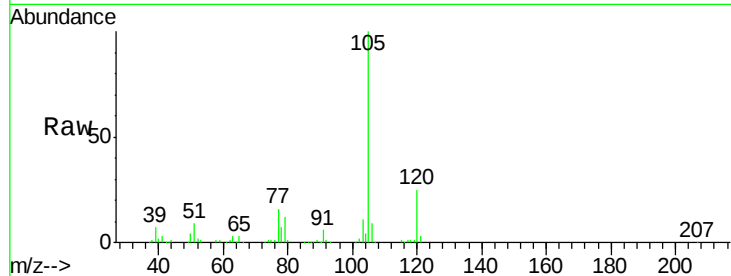
#73
Isopropylbenzene
Concen: 21.672 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	225861		
120	26.3		13.5	40.5

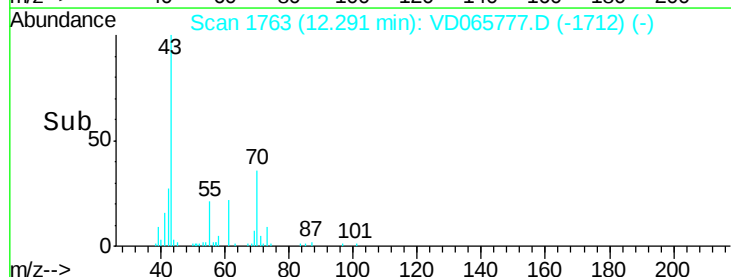
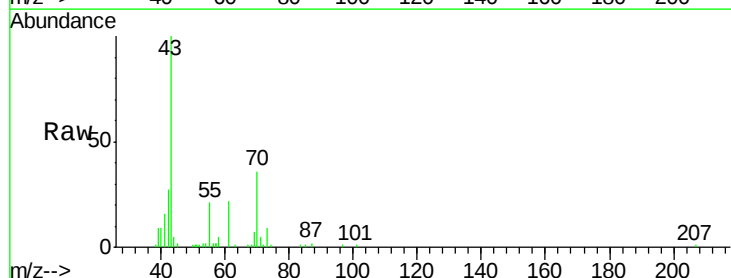
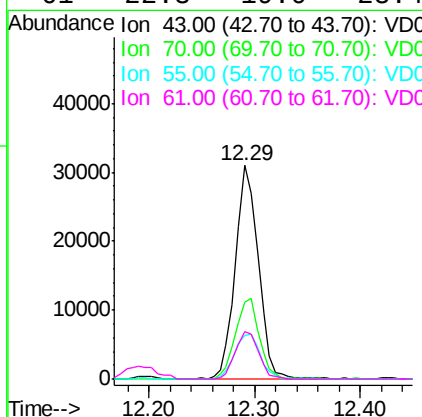
Manual Integrations
APPROVED

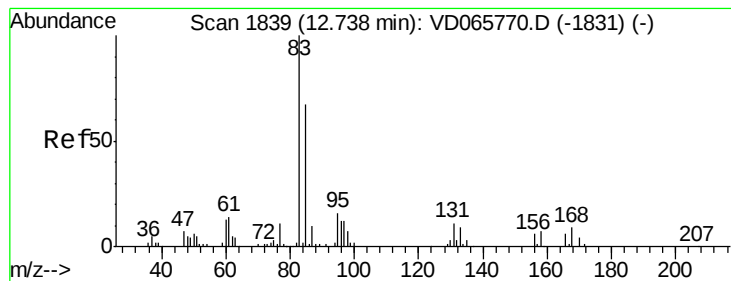
MMDadoda
6/9/2020 2:50:41 PM



#74
N-ethyl acetate
Concen: 20.155 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	46732		
70	38.7		32.3	48.5
55	23.3		19.0	28.4
61	22.3		19.0	28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.251 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

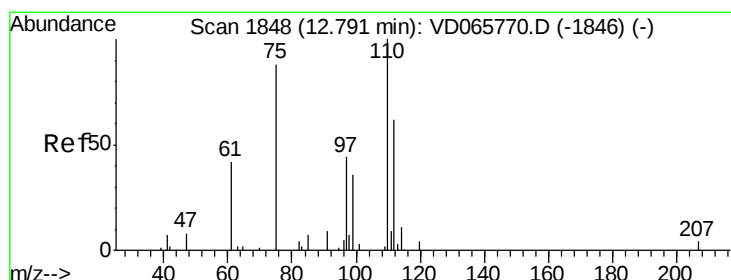
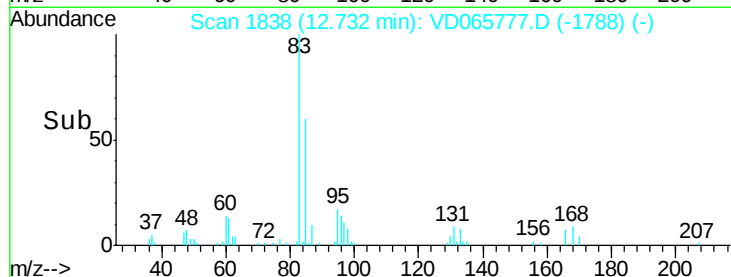
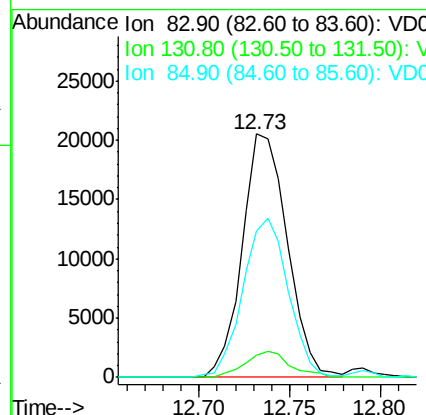
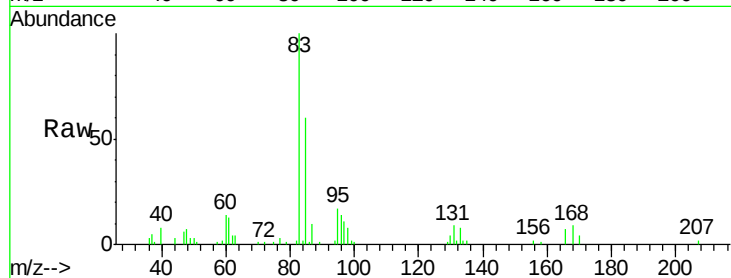
ClientSampleId :

VD0608SBS01

Tot Ion:	83	Resp:	35643
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	65.4	32.5	97.5

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM



#76

1,2,3-Trichloropropane

Concen: 21.886 ug/l m

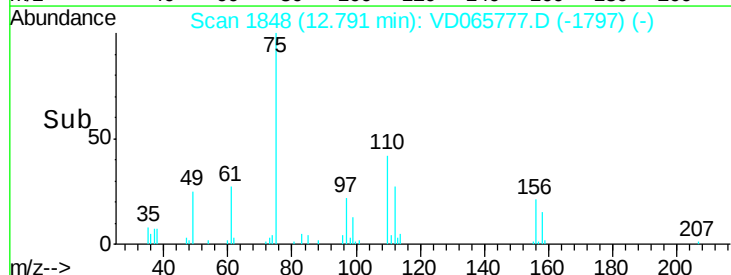
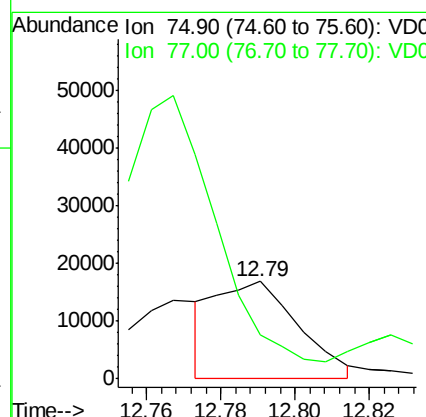
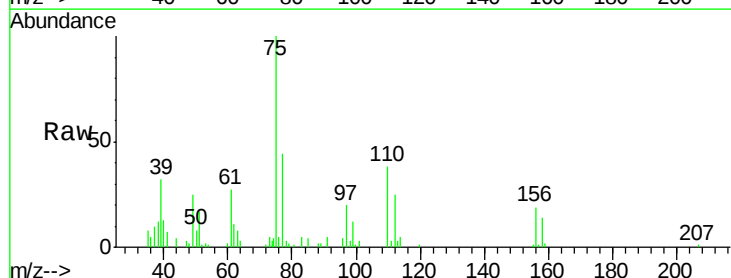
RT: 12.79 min Scan# 1848

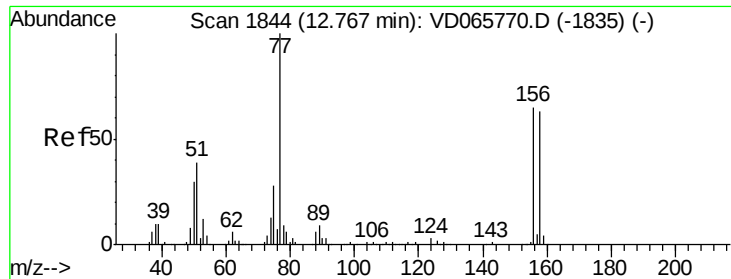
Delta R.T. 0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Tgt Ion:	75	Resp:	26458
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.211 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

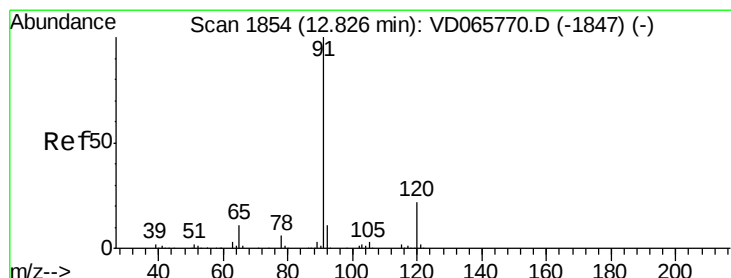
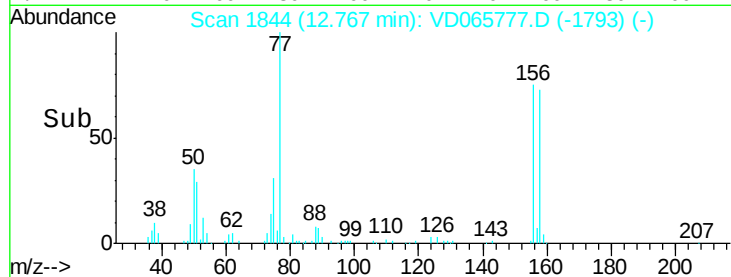
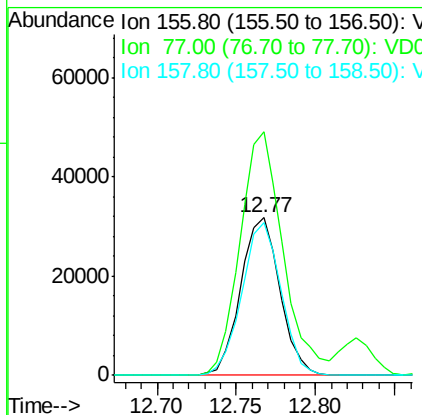
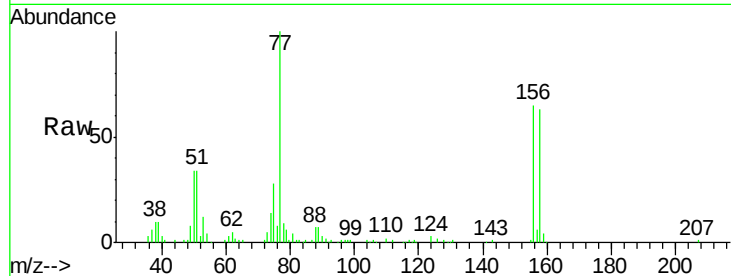
ClientSampleId :

VD0608SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.2	87.3	261.8
158	96.1	48.0	144.0

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM



#78

n-propylbenzene

Concen: 21.870 ug/l

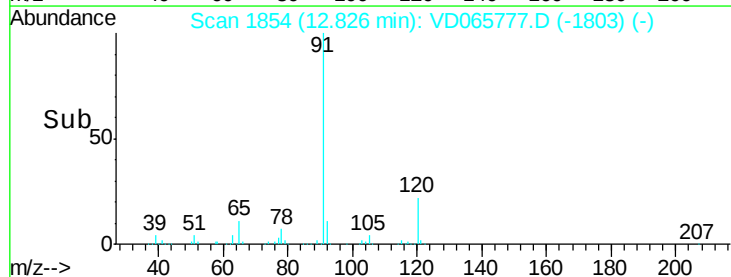
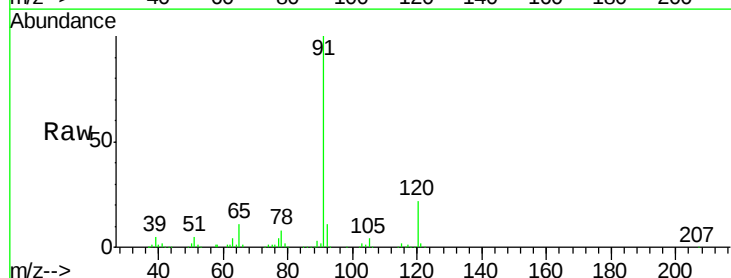
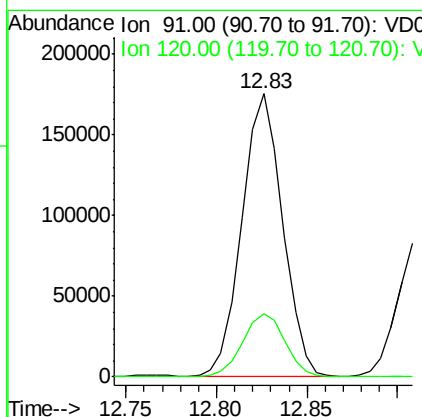
RT: 12.83 min Scan# 1854

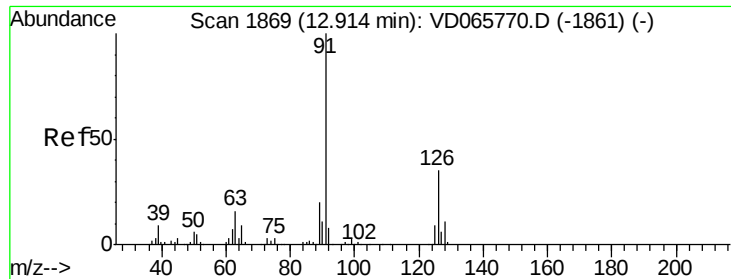
Delta R.T. -0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.3	33.8





#79

2-Chlorotoluene

Concen: 21.800 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0608SBS01

Tot Ion: 91 Resp: 150026

Ion Ratio Lower Upper

91 100

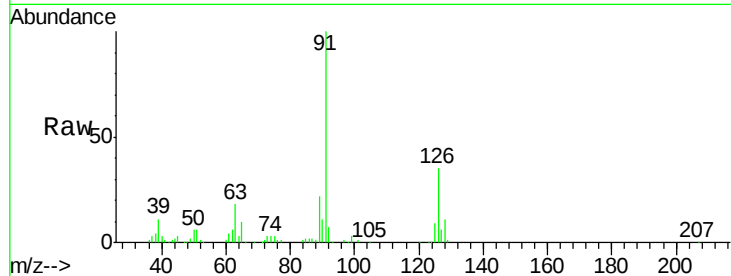
126 35.1 17.5 52.6

Manual Integrations

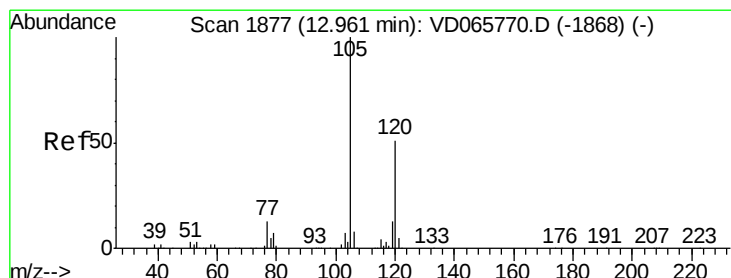
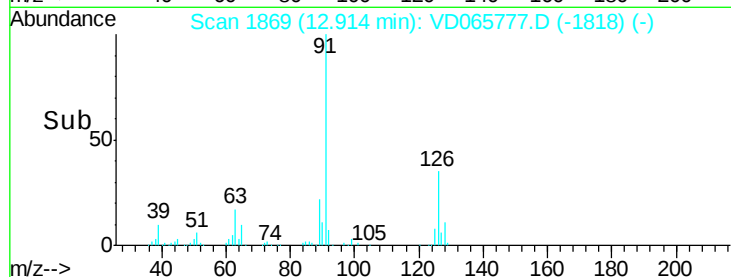
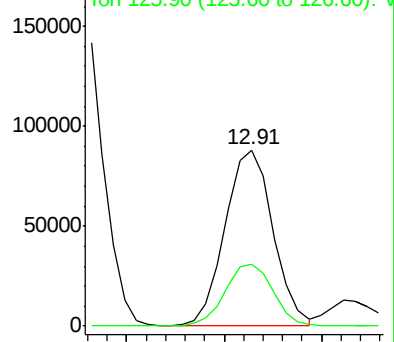
APPROVED

MMDadoda

6/9/2020 2:50:41 PM



Abundance Ion 91.00 (90.70 to 91.70): VD065777.D (-1818) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.684 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD065777.D

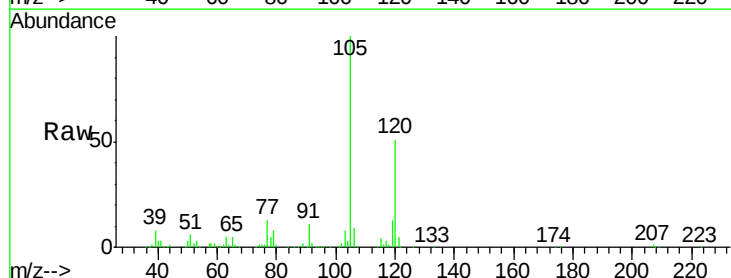
Acq: 08 Jun 2020 13:41

Tgt Ion: 105 Resp: 188064

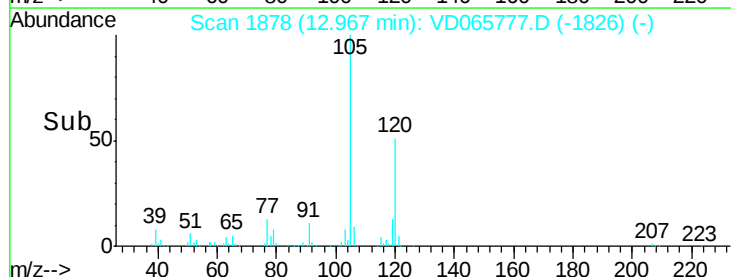
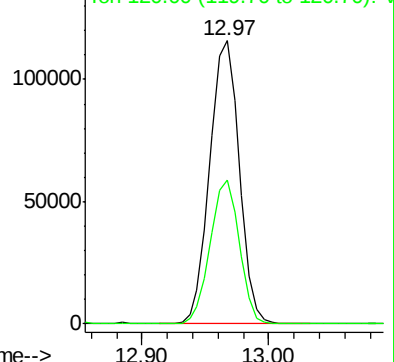
Ion Ratio Lower Upper

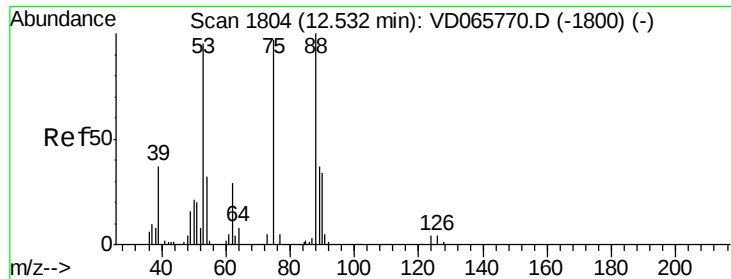
105 100

120 50.0 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065777.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.564 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

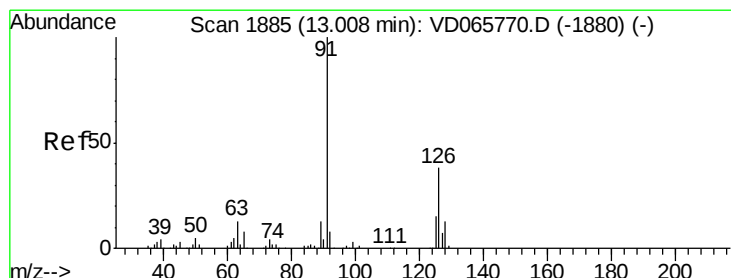
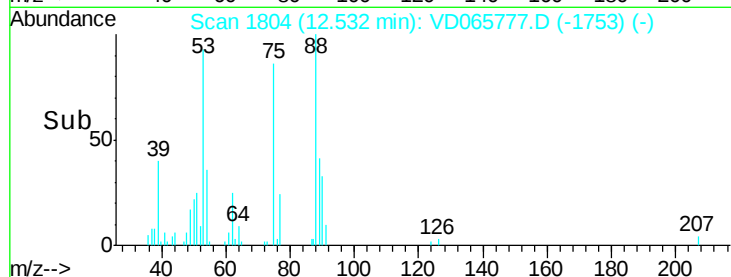
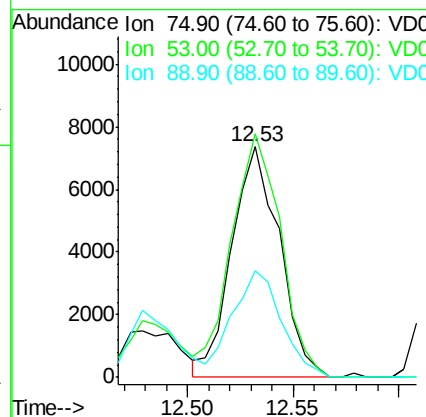
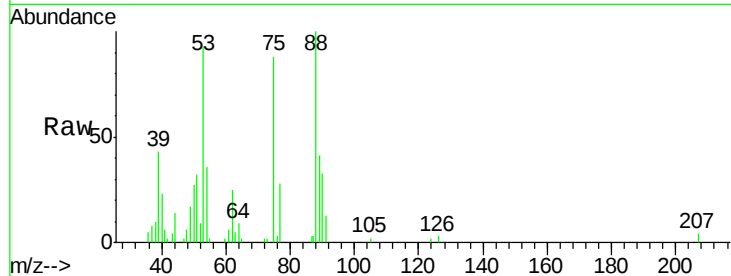
ClientSampleId :

VD0608SBS01

Tot Ion:	75	Resp:	11506
Ion Ratio	Lower	Upper	
75	100		
53	109.3	82.6	123.8
89	47.8	35.9	53.9

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM



#82

4-Chlorotoluene

Concen: 21.924 ug/l

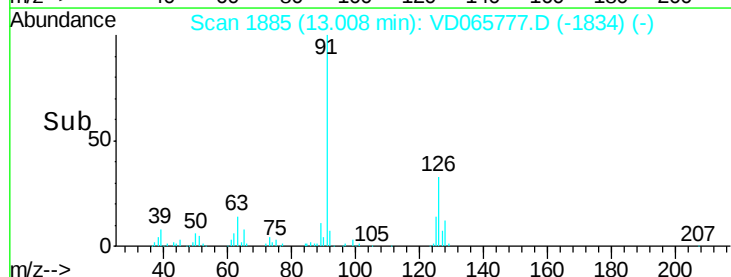
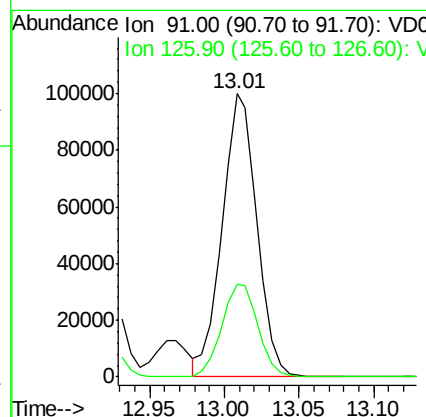
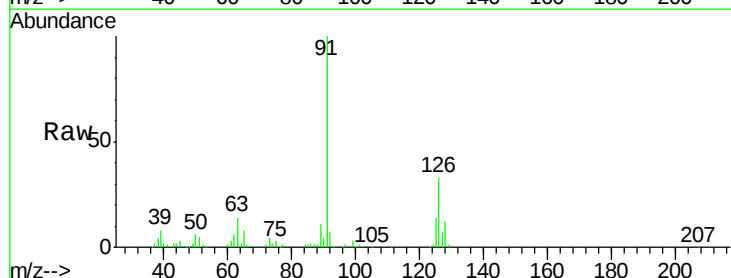
RT: 13.01 min Scan# 1885

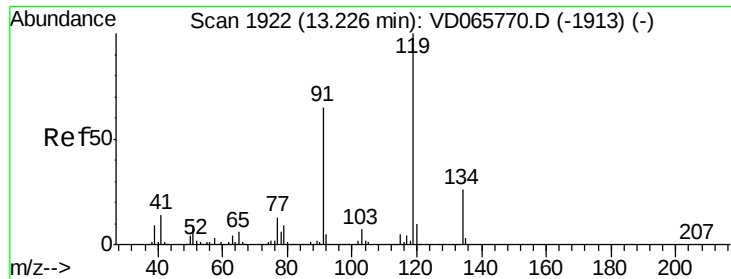
Delta R.T. -0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Tgt Ion:	91	Resp:	161951
Ion Ratio	Lower	Upper	
91	100		
126	34.1	17.6	52.8





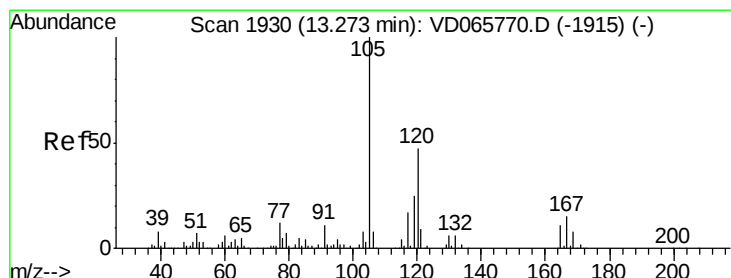
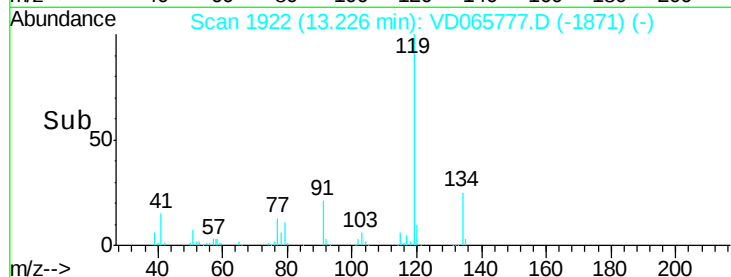
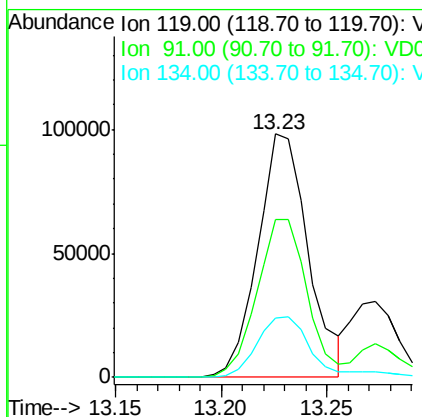
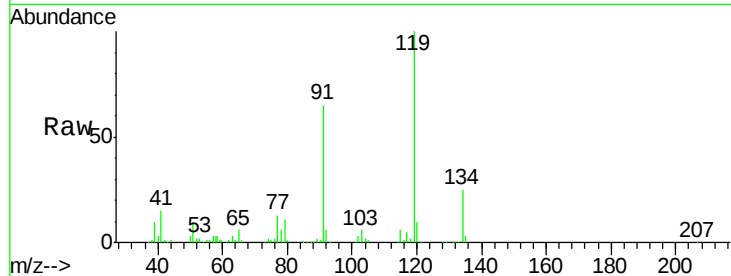
#83
tert-Butylbenzene
Concen: 21.745 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	163641		
91	64.1	32.0	96.0	
134	27.4	13.8	41.4	

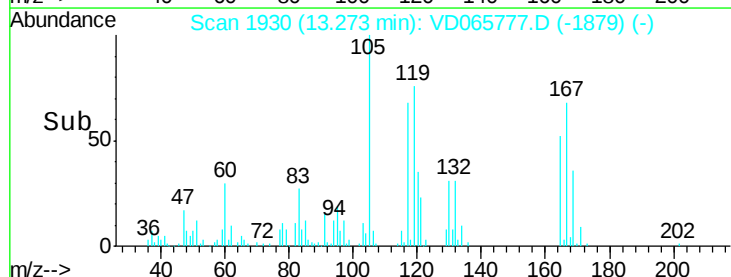
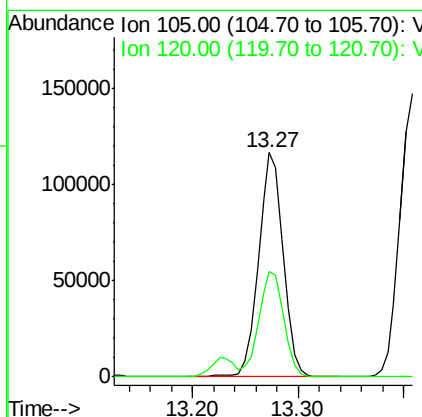
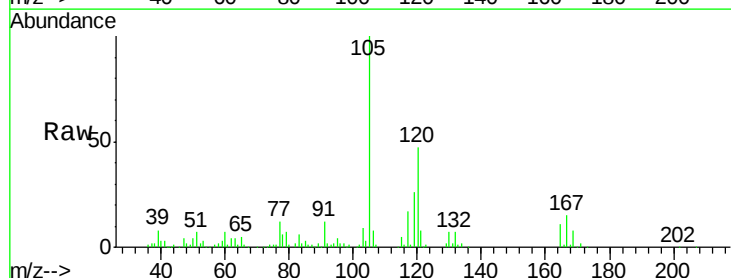
Manual Integrations
APPROVED

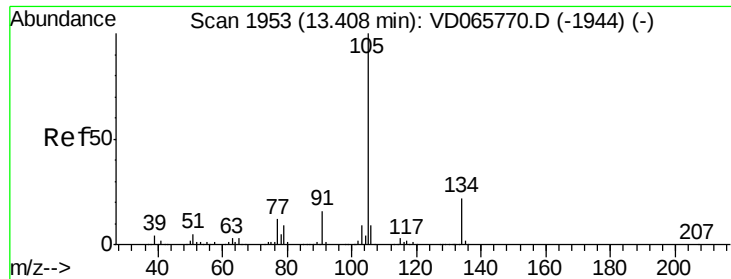
MMDadoda
6/9/2020 2:50:41 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.707 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	188431		
120	47.7	23.3	69.8	





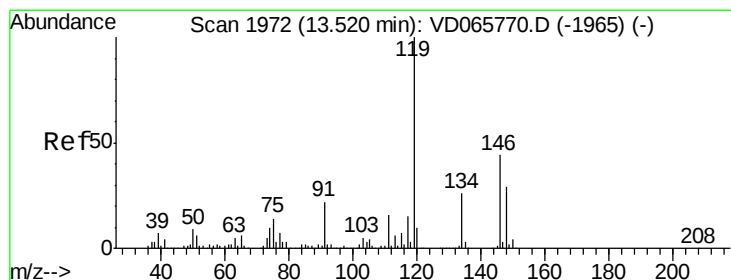
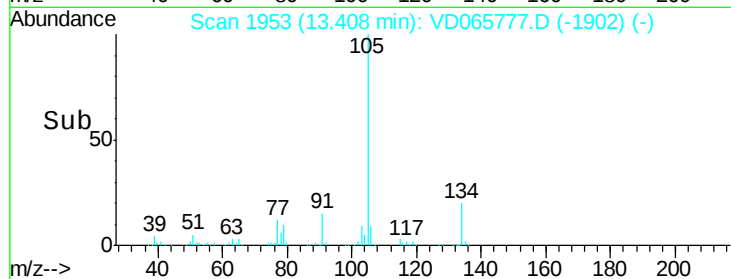
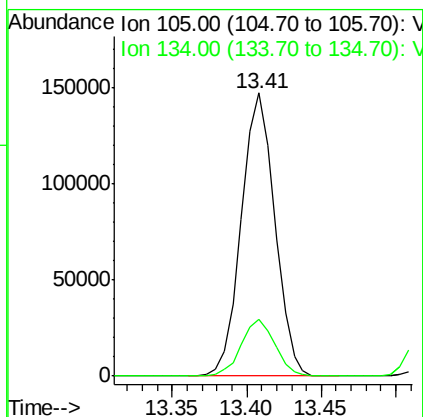
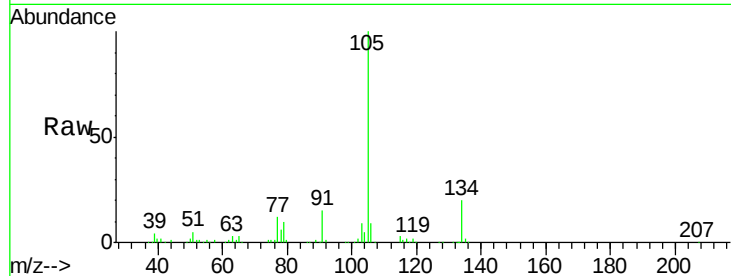
#85
 sec-Butylbenzene
 Concen: 21.864 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.4	31.4

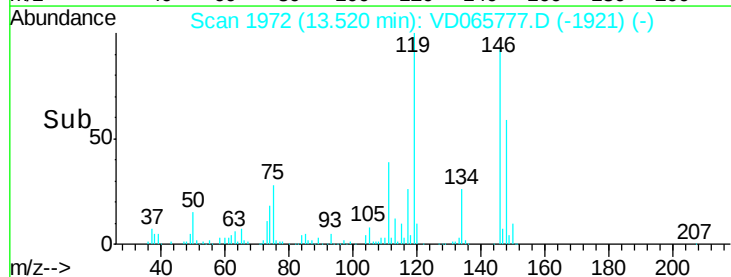
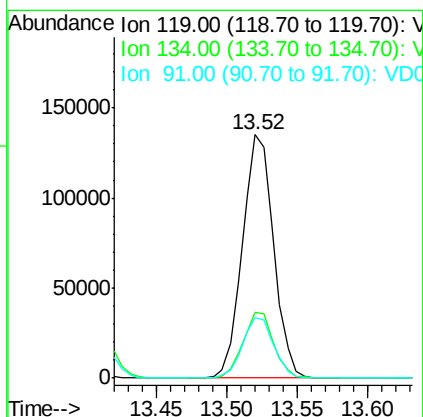
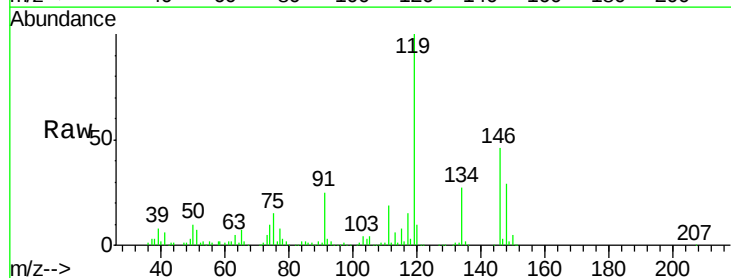
Manual Integrations
 APPROVED

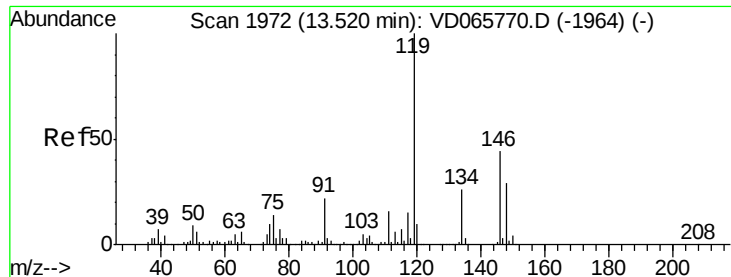
MMDadoda
 6/9/2020 2:50:41 PM



#86
 p-Isopropyltoluene
 Concen: 21.746 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.3	39.9
91	25.1	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 21.328 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Instrument :

MSVOA_D

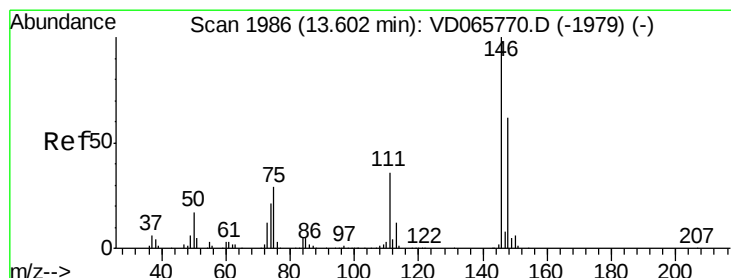
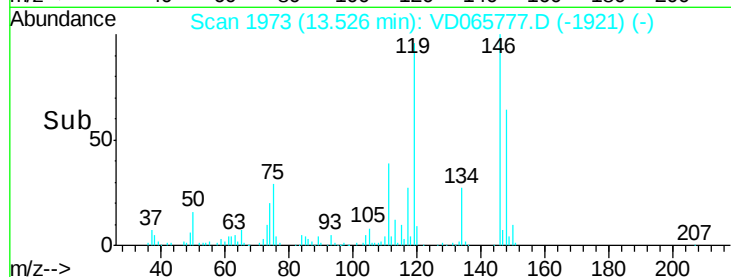
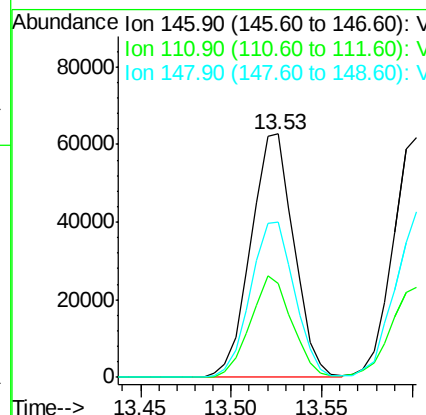
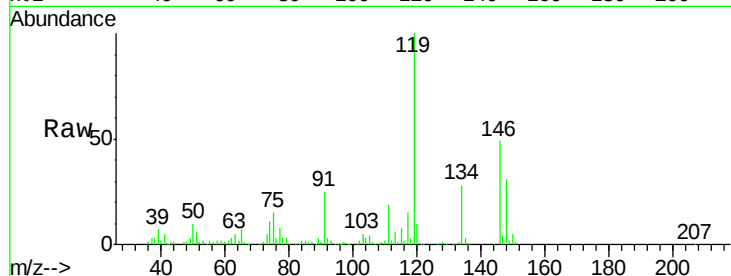
ClientSampleId :

VD0608SBS01

Tot Ion:	146	Resp:	103699
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.2	57.6
148	65.4	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM



#88

1,4-Dichlorobenzene

Concen: 21.358 ug/l

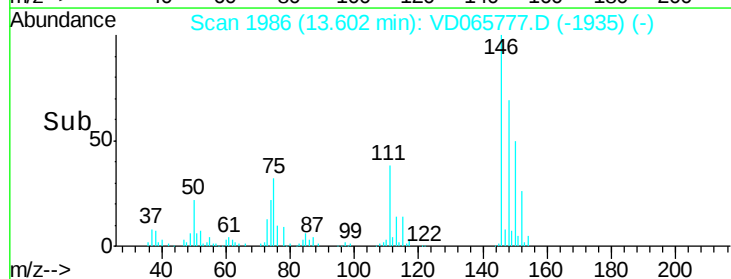
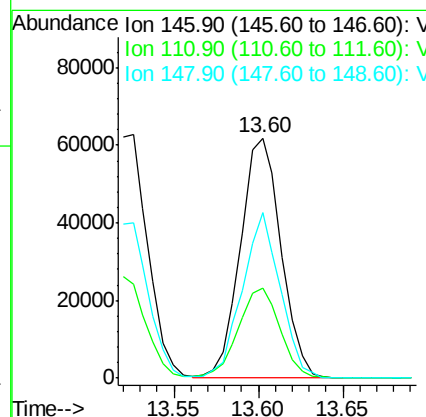
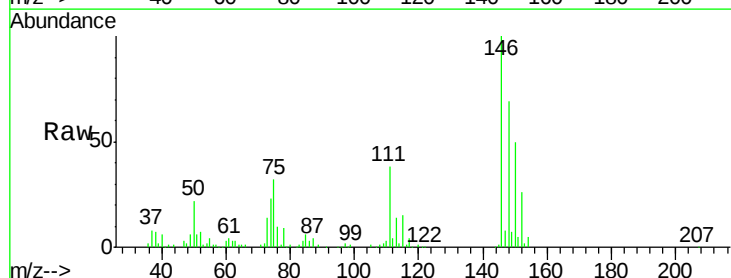
RT: 13.60 min Scan# 1986

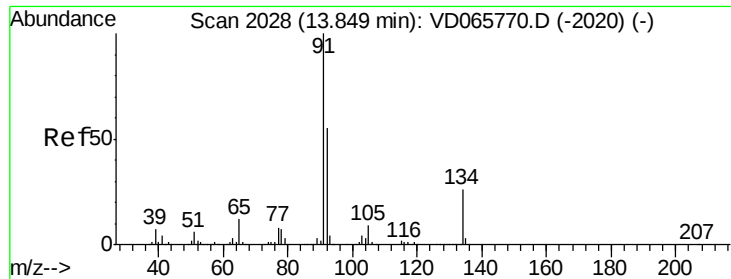
Delta R.T. -0.00 min

Lab File: VD065777.D

Acq: 08 Jun 2020 13:41

Tgt Ion:	146	Resp:	103297
Ion Ratio	Lower	Upper	
146	100		
111	38.8	18.9	56.7
148	64.6	31.6	94.7





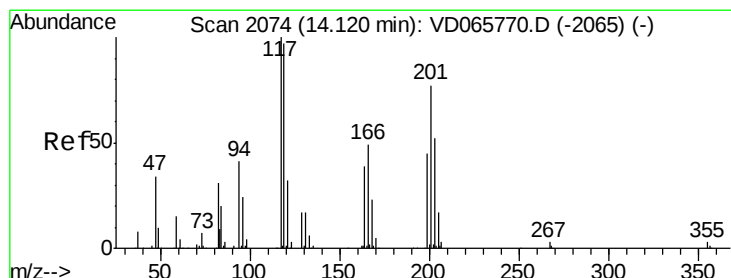
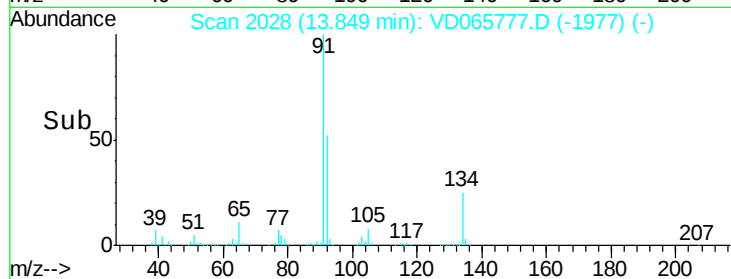
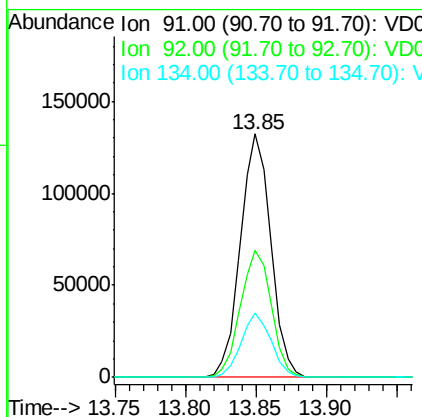
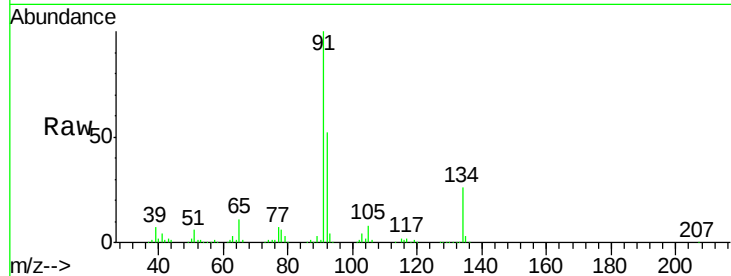
#89
n-Butylbenzene
Concen: 21.795 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	199525		
92	52.9		27.0	81.0
134	26.1		13.0	39.0

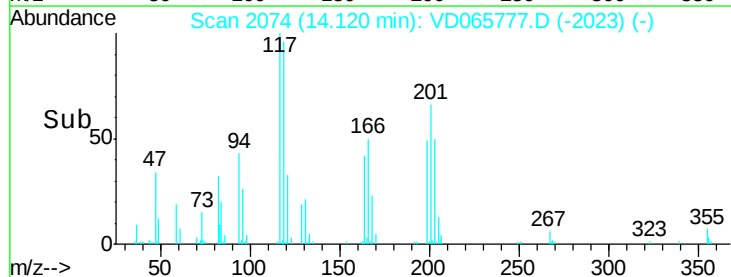
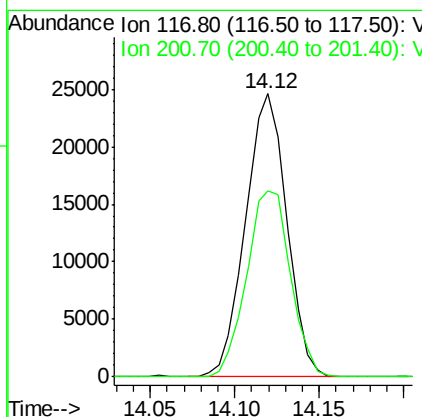
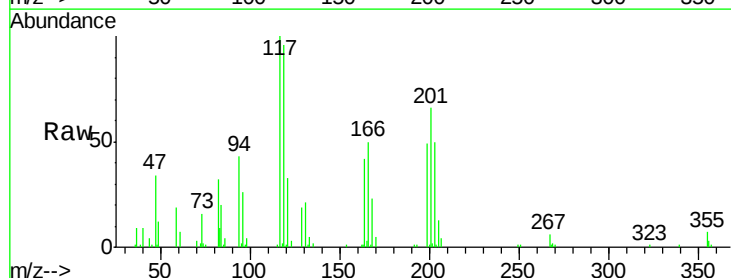
Manual Integrations
APPROVED

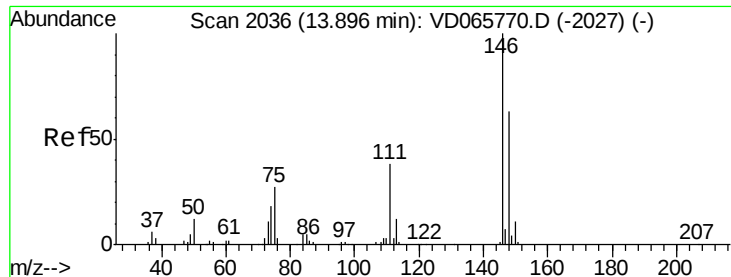
MMDadoda
6/9/2020 2:50:41 PM



#90
Hexachloroethane
Concen: 21.722 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41736		
201	69.9		37.1	111.5





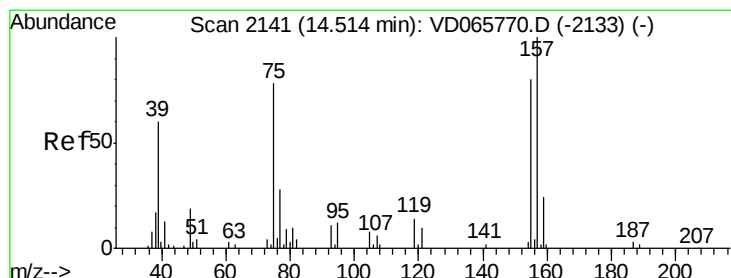
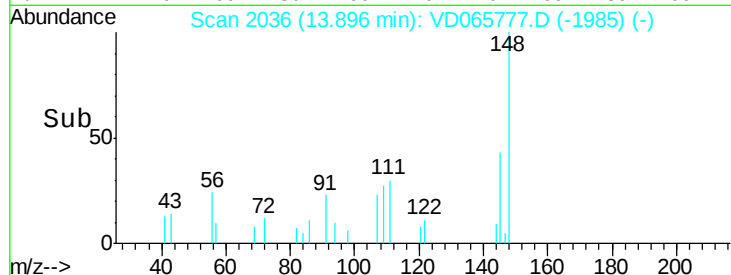
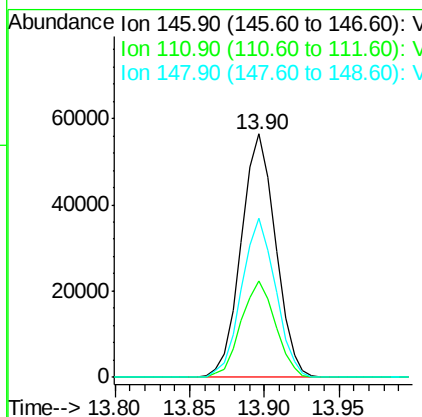
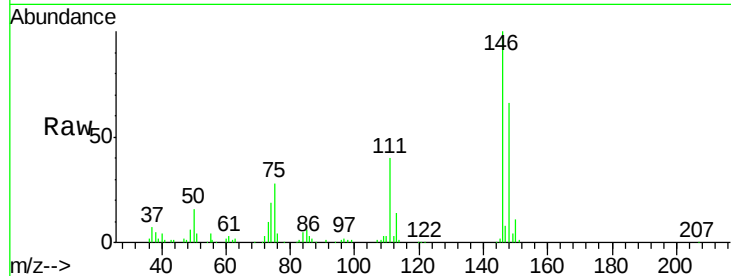
#91
 1,2-Dichlorobenzene
 Concen: 21.585 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	64.6	31.9	95.7

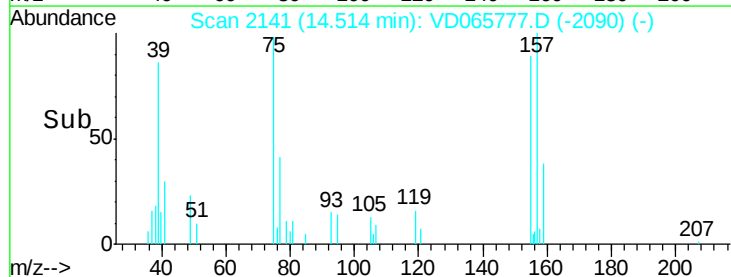
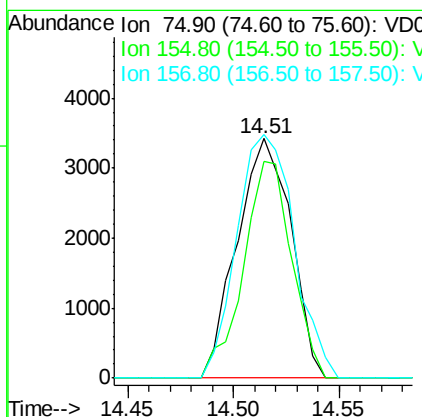
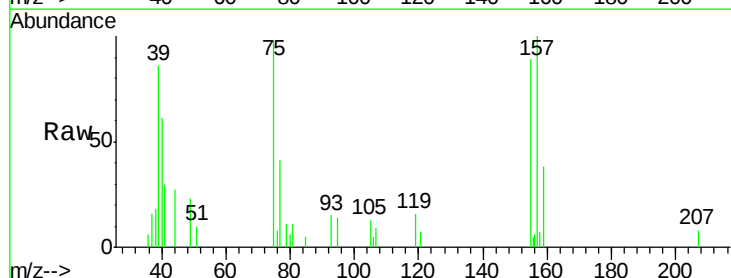
Manual Integrations
 APPROVED

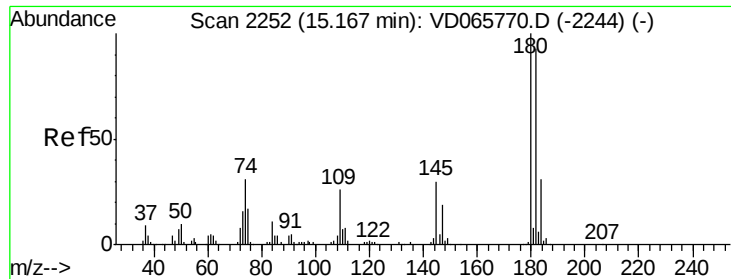
MMDadoda
 6/9/2020 2:50:41 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.705 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.1	46.3	138.9
157	108.1	58.1	174.3





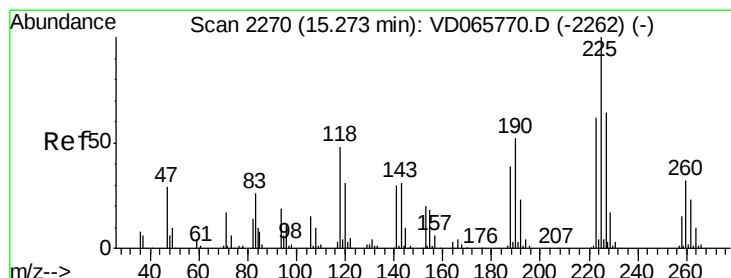
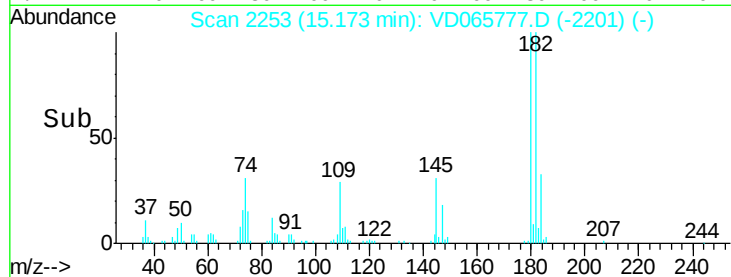
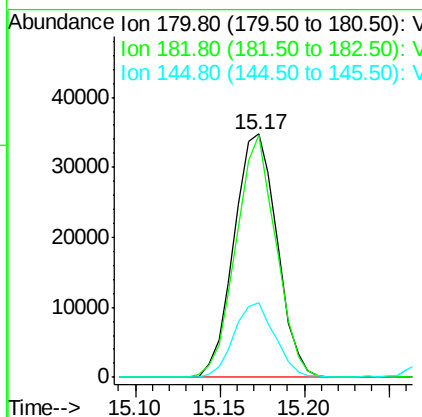
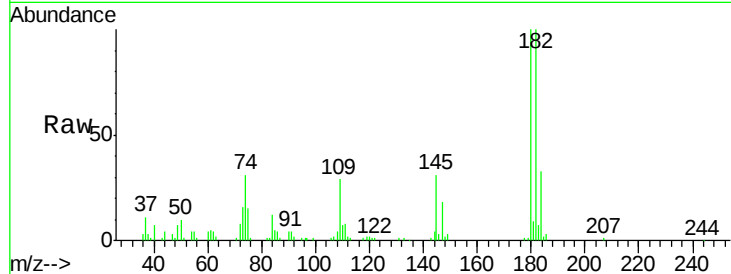
#93
 1,2,4-Trichlorobenzene
 Concen: 21.671 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	61656		
182	92.7	48.0	144.2	
145	29.2	14.9	44.9	

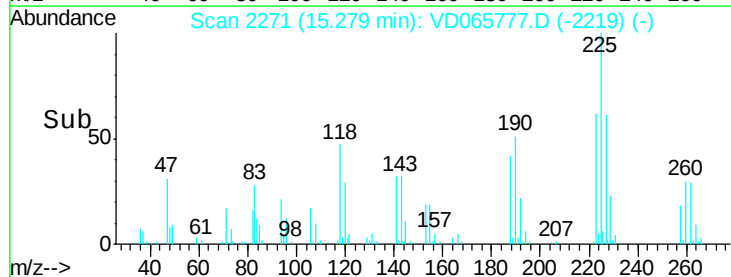
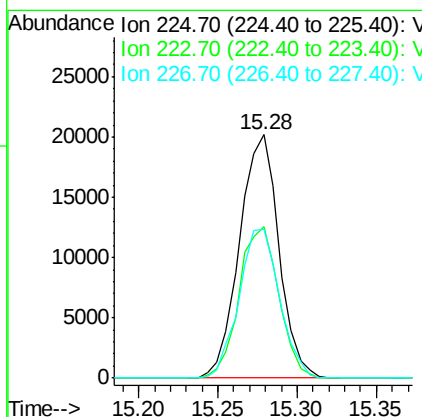
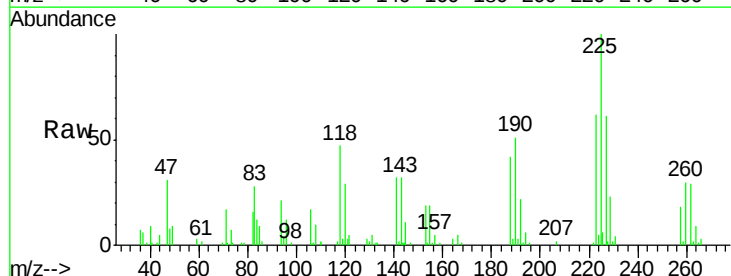
Manual Integrations
 APPROVED

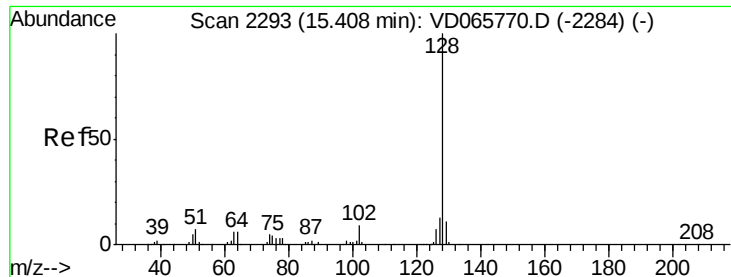
MMDadoda
 6/9/2020 2:50:41 PM



#94
 Hexachlorobutadiene
 Concen: 20.278 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD065777.D
 Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34876		
223	62.5	30.9	92.7	
227	62.9	31.9	95.7	





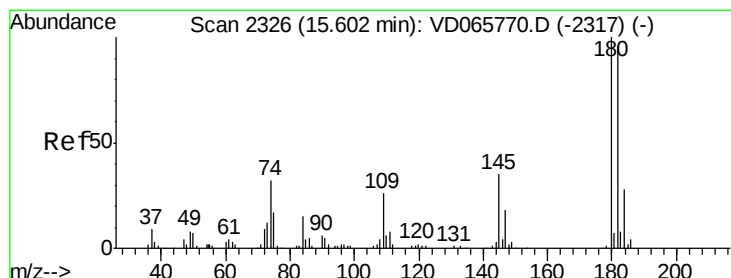
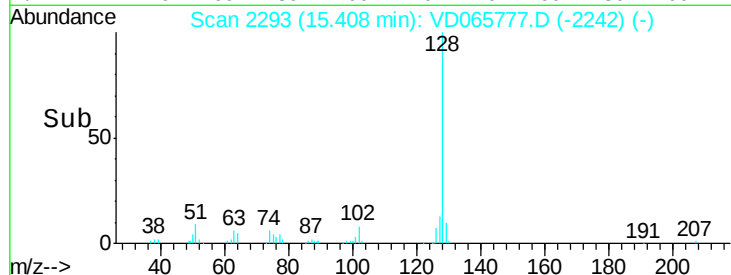
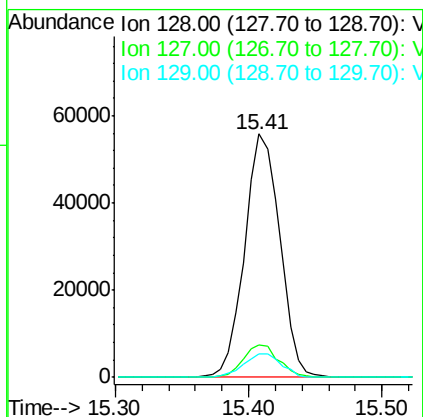
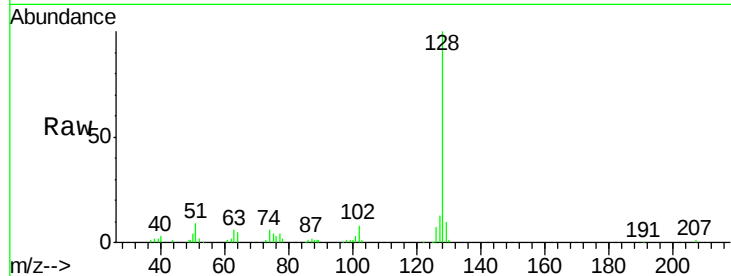
#95
Naphthalene
Concen: 21.088 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0608SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	10.3	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
6/9/2020 2:50:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.063 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065777.D
Acq: 08 Jun 2020 13:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.0	141.2
145	30.8	16.2	48.6

