

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066150.D
 Acq On : 07 Aug 2020 11:45
 Operator : VA/SY
 Sample : VD0807SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:10 PM

Quant Time: Aug 08 00:58:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	311301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	455115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	426131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	150245	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
35) Dibromofluoromethane	7.91	113	155798	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
50) Toluene-d8	10.34	98	590654	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	
62) 4-Bromofluorobenzene	12.64	95	203651	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	57991	21.144	ug/l	100
3) Chloromethane	2.20	50	43119	20.210	ug/l	96
4) Vinyl Chloride	2.35	62	40300	21.336	ug/l	93
5) Bromomethane	2.76	94	28580	22.806	ug/l	94
6) Chloroethane	2.92	64	24478	21.112	ug/l #	88
7) Trichlorofluoromethane	3.27	101	94331	19.156	ug/l	99
8) Diethyl Ether	3.70	74	25321	18.223	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	55986	19.157	ug/l	100
10) Methyl Iodide	4.30	142	53687	24.181	ug/l	98
11) Tert butyl alcohol	5.20	59	22344m	82.253	ug/l	
12) 1,1-Dichloroethene	4.06	96	51154	18.555	ug/l	98
13) Acrolein	3.91	56	19925	90.132	ug/l	97
14) Allyl chloride	4.70	41	77567	18.572	ug/l	98
15) Acrylonitrile	5.41	53	54628	93.299	ug/l	98
16) Acetone	4.16	43	47238	89.641	ug/l	100
17) Carbon Disulfide	4.41	76	163426	18.644	ug/l	97
18) Methyl Acetate	4.71	43	23173	17.312	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	111591	17.660	ug/l	100
20) Methylene Chloride	4.96	84	74526	22.015	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	59876	18.906	ug/l	98
22) Diisopropyl ether	6.36	45	158530	19.194	ug/l	92
23) Vinyl Acetate	6.30	43	449875	92.974	ug/l	96
24) 1,1-Dichloroethane	6.26	63	99085	19.385	ug/l	98
25) 2-Butanone	7.20	43	69417	89.562	ug/l	99
26) 2,2-Dichloropropane	7.21	77	90793	19.818	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	63368	19.076	ug/l	97
28) Bromochloromethane	7.55	49	39938	22.246	ug/l	99
29) Tetrahydrofuran	7.56	42	43306	90.182	ug/l	99
30) Chloroform	7.71	83	102978	19.187	ug/l	98
31) Cyclohexane	7.98	56	91053	18.714	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	96271	19.130	ug/l	99
36) 1,1-Dichloropropene	8.11	75	80466	18.815	ug/l	99
37) Ethyl Acetate	7.29	43	31081	18.342	ug/l	97
38) Carbon Tetrachloride	8.09	117	88752	18.609	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066150.D
 Acq On : 07 Aug 2020 11:45
 Operator : VA/SY
 Sample : VD0807SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:10 PM

Quant Time: Aug 08 00:58:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	95698	18.511	ug/l	92
40) Benzene	8.34	78	227168	19.148	ug/l	100
41) Methacrylonitrile	7.53	41	17425	17.490	ug/l	96
42) 1,2-Dichloroethane	8.42	62	67326	19.317	ug/l	98
43) Isopropyl Acetate	8.45	43	58663	17.571	ug/l	98
44) Trichloroethene	9.11	130	67246	18.810	ug/l	99
45) 1,2-Dichloropropane	9.38	63	56495	19.470	ug/l	97
46) Dibromomethane	9.47	93	29036	18.167	ug/l	95
47) Bromodichloromethane	9.66	83	79185	18.746	ug/l	99
48) Methyl methacrylate	9.45	41	27621	16.202	ug/l	92
49) 1,4-Dioxane	9.46	88	6579	320.398	ug/l #	91
51) 4-Methyl-2-Pentanone	10.23	43	149395	87.115	ug/l	100
52) Toluene	10.40	92	153985	19.725	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	76950	19.195	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	90284	19.222	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	42190	18.332	ug/l	94
56) Ethyl methacrylate	10.66	69	48832	17.663	ug/l	99
57) 1,3-Dichloropropane	10.94	76	71056	18.598	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	123674	99.449	ug/l	99
59) 2-Hexanone	10.98	43	102646	85.285	ug/l	99
60) Dibromochloromethane	11.14	129	58123	18.293	ug/l	99
61) 1,2-Dibromoethane	11.25	107	40988	18.519	ug/l	98
64) Tetrachloroethene	10.87	164	58737	17.950	ug/l	98
65) Chlorobenzene	11.67	112	164715	19.041	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	61571	18.191	ug/l	98
67) Ethyl Benzene	11.74	91	282313	18.833	ug/l	96
68) m/p-Xylenes	11.86	106	222325	38.279	ug/l	100
69) o-Xylene	12.18	106	100110	18.948	ug/l	97
70) Styrene	12.20	104	177499	19.170	ug/l	99
71) Bromoform	12.36	173	35582	17.743	ug/l #	98
73) Isopropylbenzene	12.48	105	275215	18.740	ug/l	100
74) N-amyl acetate	12.29	43	56625	17.510	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	44519	17.778	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	31908m	17.392	ug/l	
77) Bromobenzene	12.77	156	70248	18.582	ug/l	99
78) n-propylbenzene	12.83	91	323596	18.956	ug/l	99
79) 2-Chlorotoluene	12.91	91	184409	18.888	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	233891	19.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	14307	17.238	ug/l	95
82) 4-Chlorotoluene	13.01	91	196747	19.089	ug/l	99
83) tert-Butylbenzene	13.23	119	200152	18.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	230427	18.747	ug/l	98
85) sec-Butylbenzene	13.41	105	272166	18.664	ug/l	98
86) p-Isopropyltoluene	13.52	119	256790	18.775	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	133717	18.820	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	131807	18.602	ug/l	99
89) n-Butylbenzene	13.85	91	229198	18.703	ug/l	99
90) Hexachloroethane	14.12	117	49862	18.279	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	113341	18.038	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7471	17.359	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
Data File : VD066150.D
Acq On : 07 Aug 2020 11:45
Operator : VA/SY
Sample : VD0807SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

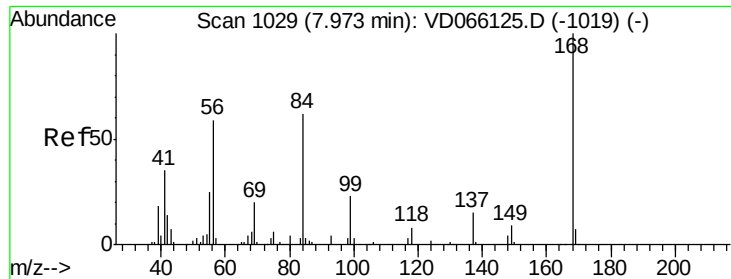
Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM

Quant Time: Aug 08 00:58:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	82228	17.758	ug/l	98
94) Hexachlorobutadiene	15.28	225	51220	18.784	ug/l	96
95) Naphthalene	15.41	128	126793	16.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	72499	17.736	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion:168 Resp: 311301

Ion Ratio Lower Upper

168 100

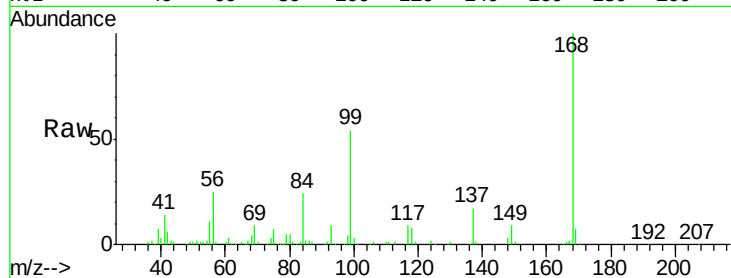
99 53.7 42.2 63.4

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:10 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

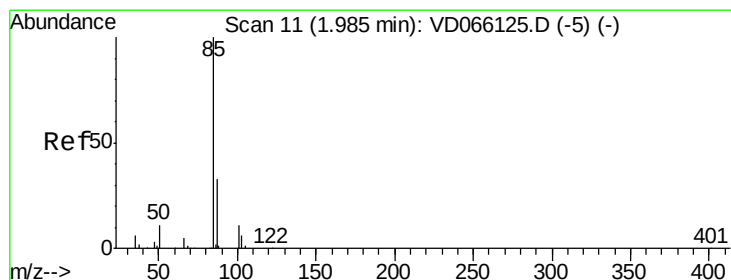
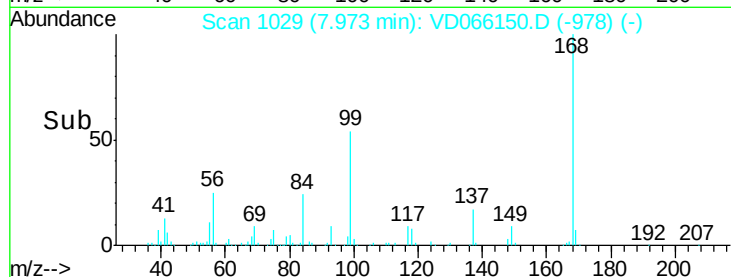
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.144 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066150.D

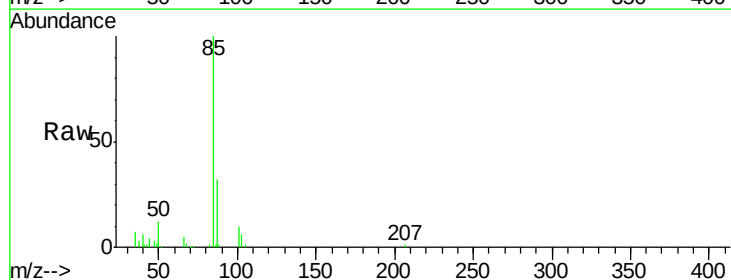
Acq: 07 Aug 2020 11:45

Tgt Ion: 85 Resp: 57991

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

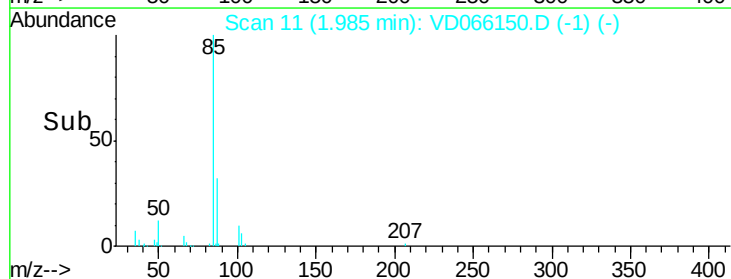
20000

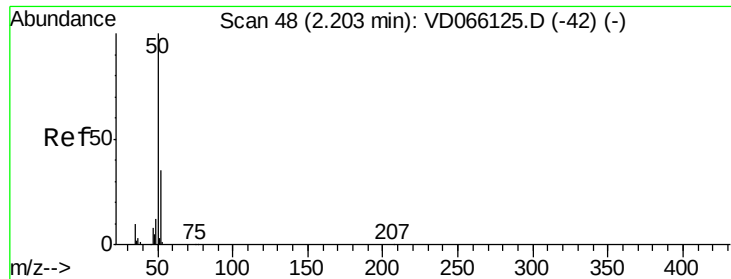
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.210 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 50 Resp: 43119

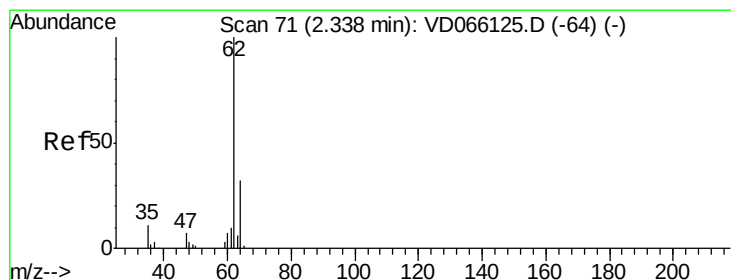
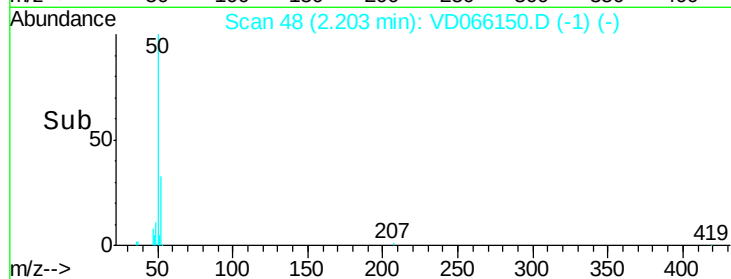
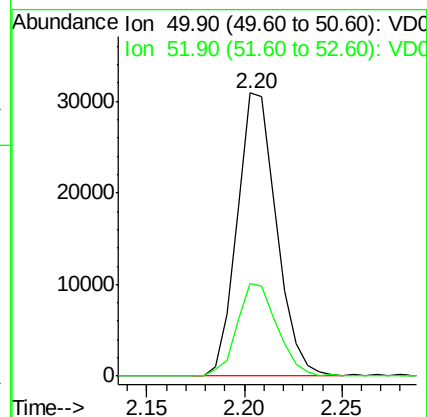
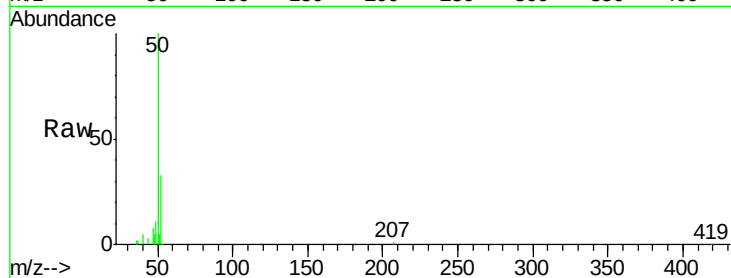
Ion Ratio Lower Upper

50 100

52 32.8 27.9 41.9

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM



#4

Vinyl Chloride

Concen: 21.336 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066150.D

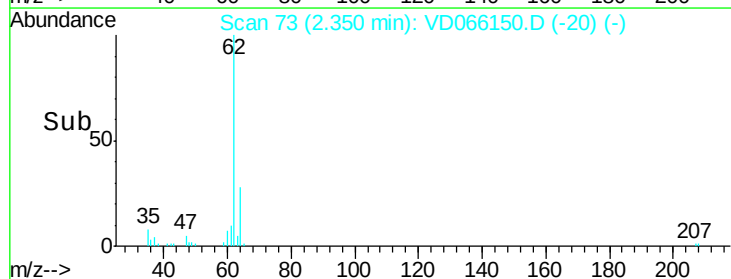
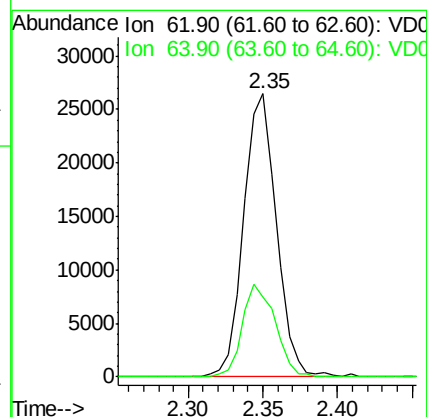
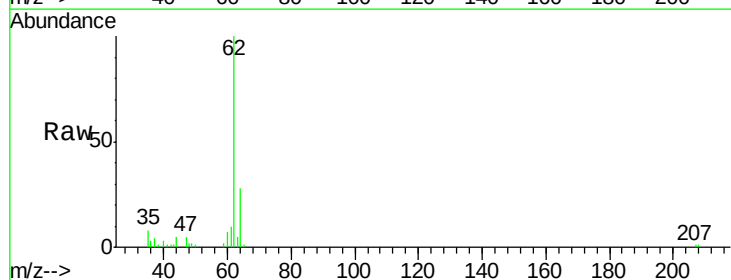
Acq: 07 Aug 2020 11:45

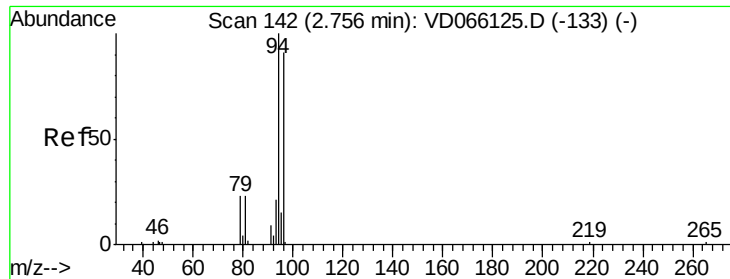
Tgt Ion: 62 Resp: 40300

Ion Ratio Lower Upper

62 100

64 28.3 25.8 38.8





#5

Bromomethane

Concen: 22.806 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 94 Resp: 28580

Ion Ratio Lower Upper

94 100

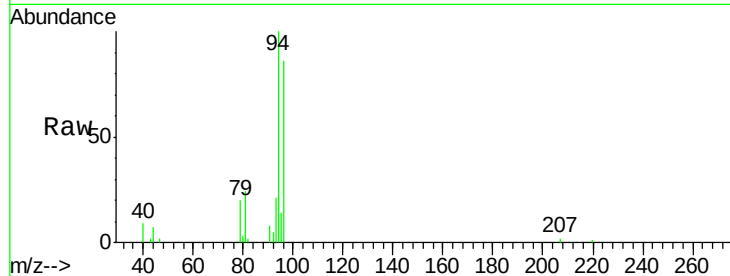
96 85.5 72.6 109.0

Manual Integrations

APPROVED

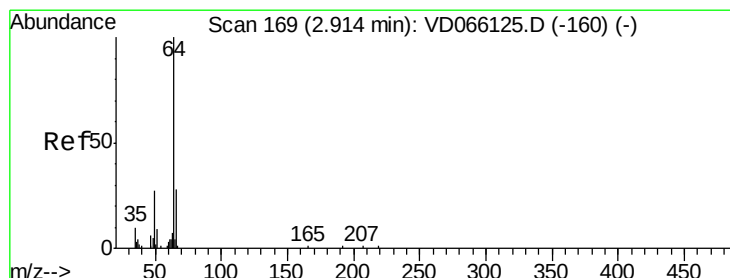
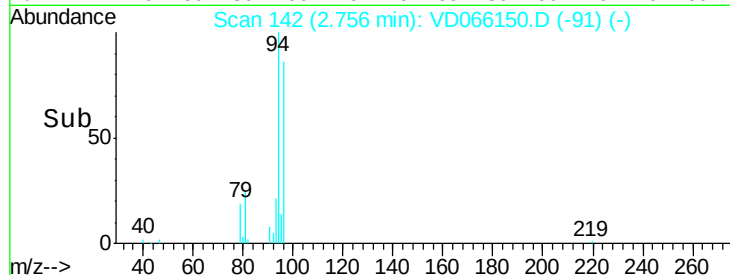
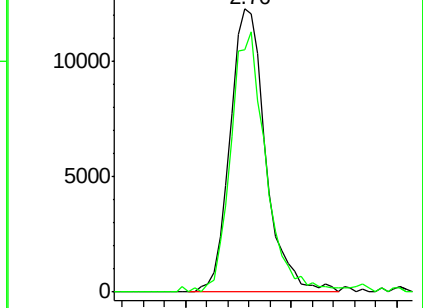
MMDadoda

8/10/2020 12:24:10 PM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.112 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066150.D

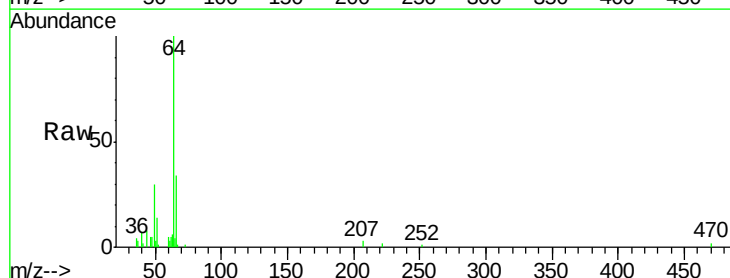
Acq: 07 Aug 2020 11:45

Tgt Ion: 64 Resp: 24478

Ion Ratio Lower Upper

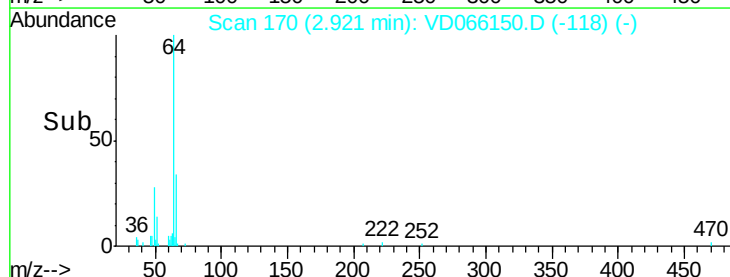
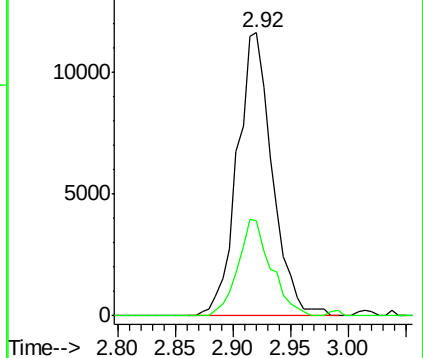
64 100

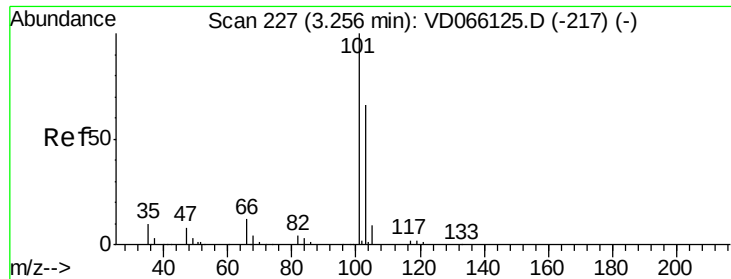
66 33.8 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

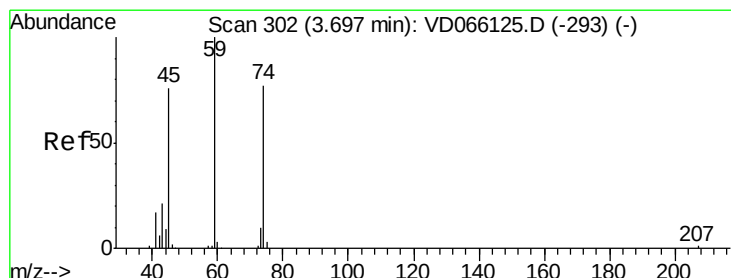
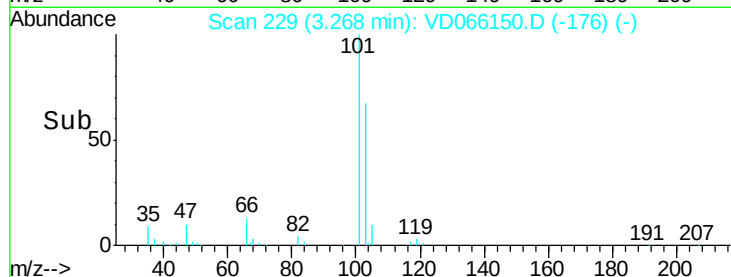
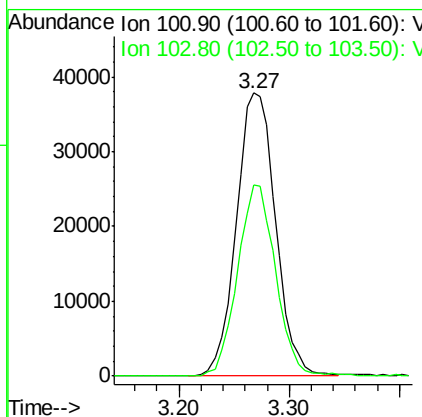
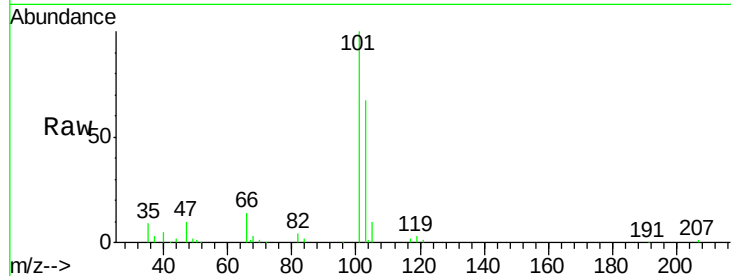
Trichlorofluoromethane
 Concen: 19.156 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	53.0	79.6

Manual Integrations
 APPROVED

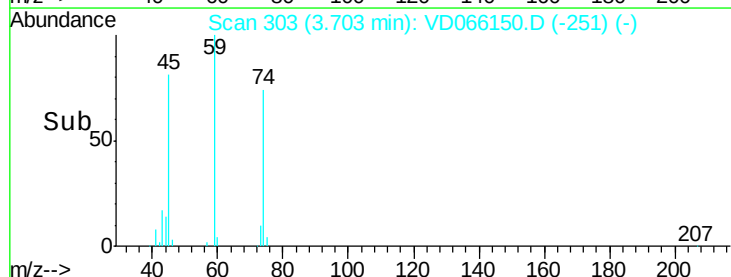
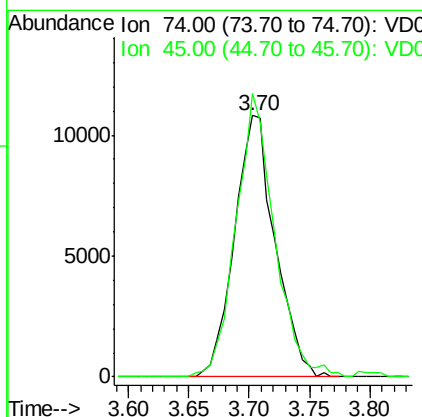
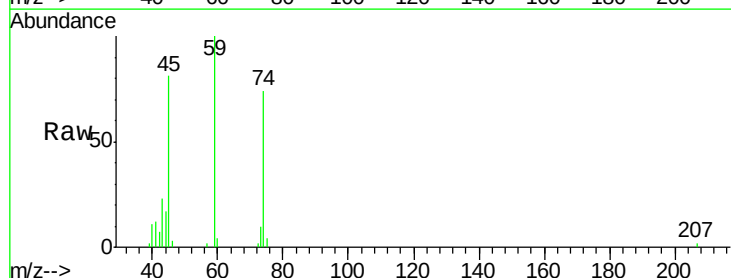
MMDadoda
 8/10/2020 12:24:10 PM

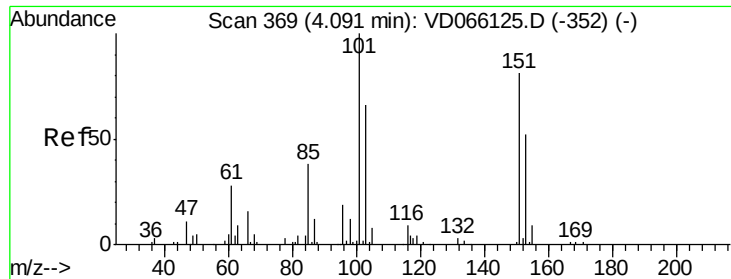


#8

Diethyl Ether
 Concen: 18.223 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.2	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.157 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

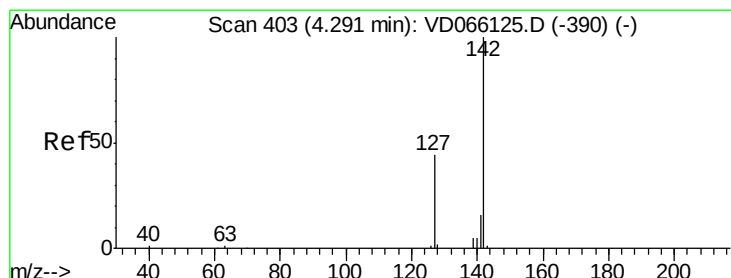
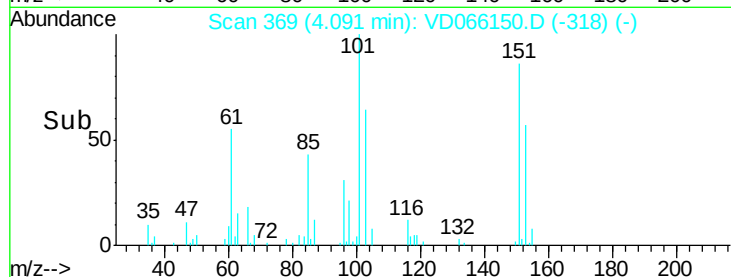
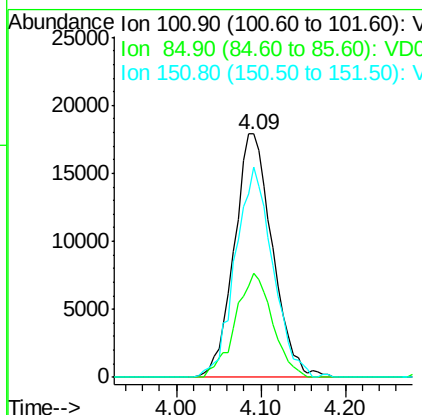
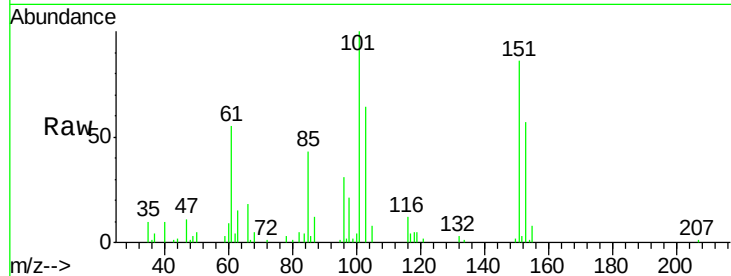
ClientSampleId :

VD0807SBS01

Tot Ion:	101	Resp:	55986
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.5	50.3
151	84.5	67.8	101.8

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM



#10

Methyl Iodide

Concen: 24.181 ug/l

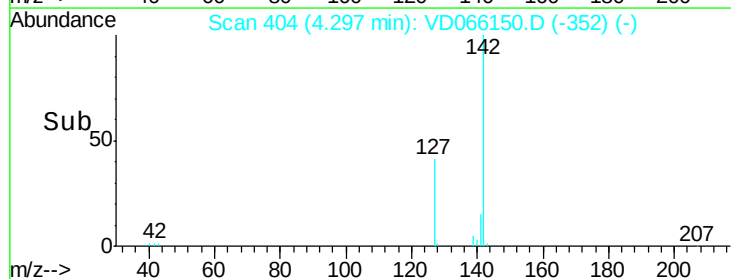
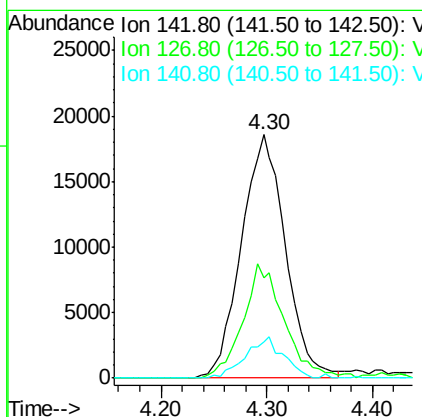
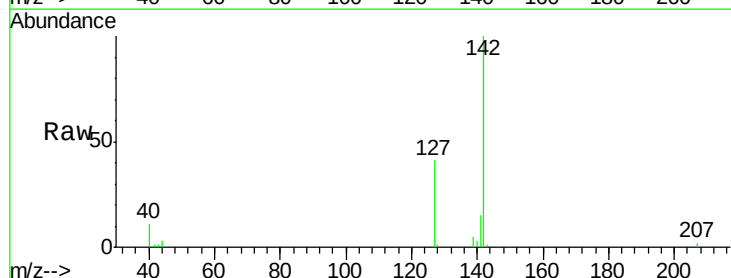
RT: 4.30 min Scan# 404

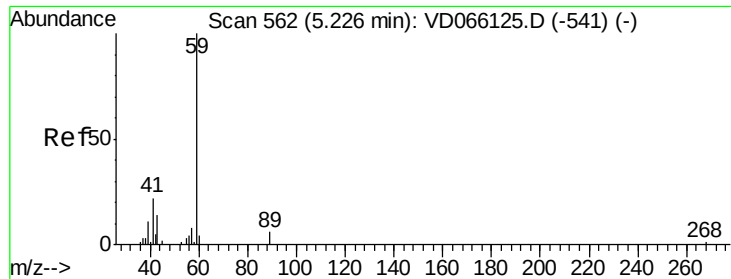
Delta R.T. 0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion:	142	Resp:	53687
Ion Ratio	Lower	Upper	
142	100		
127	44.2	36.2	54.4
141	14.5	12.6	18.8





#11

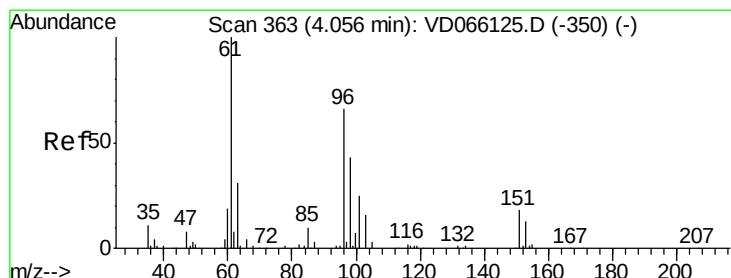
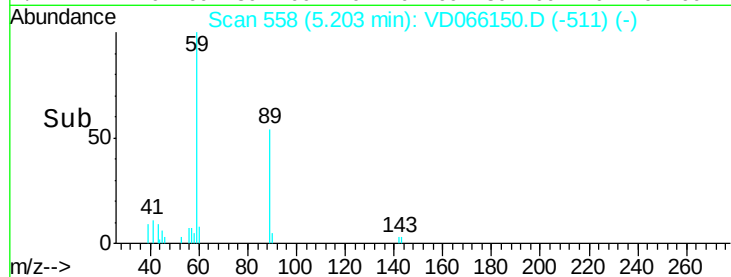
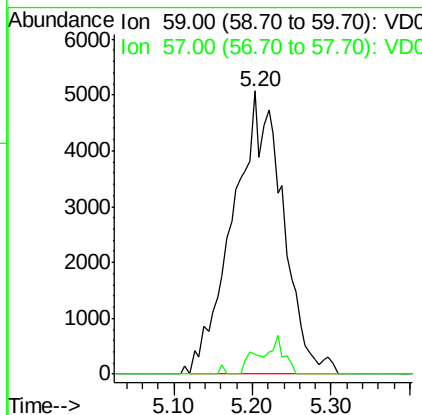
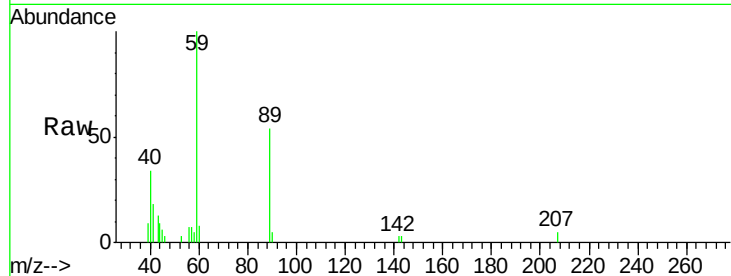
Tert butyl alcohol
 Concen: 82.253 ug/l m
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.4#

Manual Integrations
 APPROVED

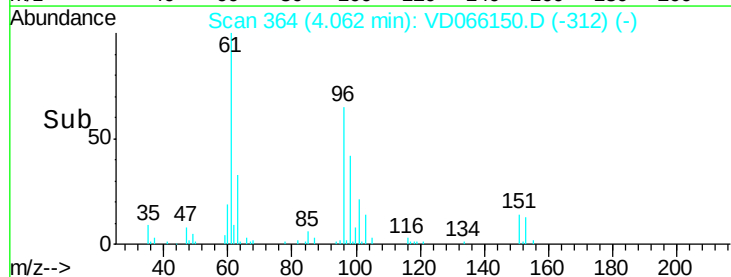
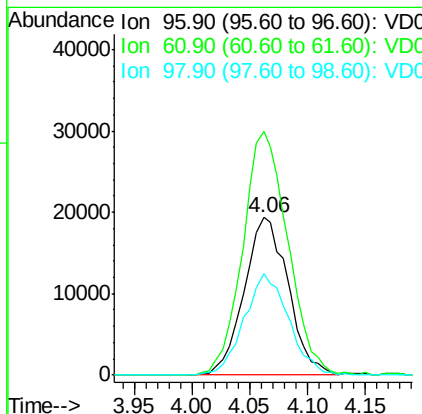
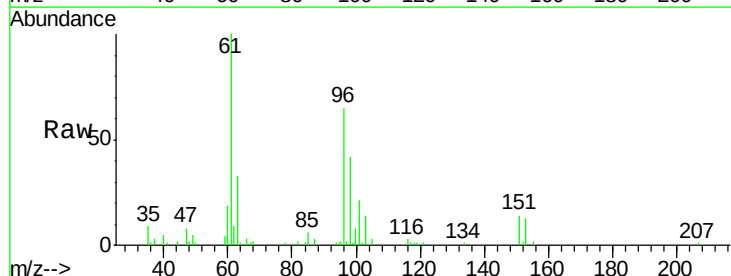
MMDadoda
 8/10/2020 12:24:10 PM

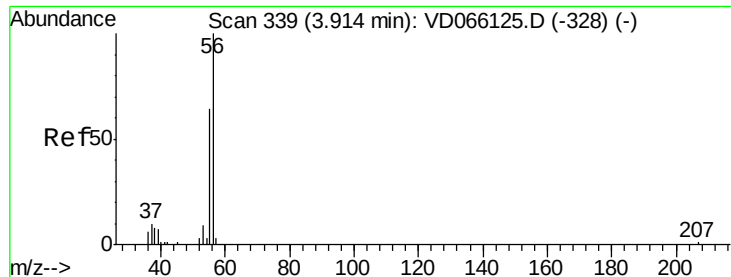


#12

1,1-Dichloroethene
 Concen: 18.555 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.8	121.6	182.4
98	64.7	52.0	78.0





#13

Acrolein

Concen: 90.132 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 56 Resp: 19925

Ion Ratio Lower Upper

56 100

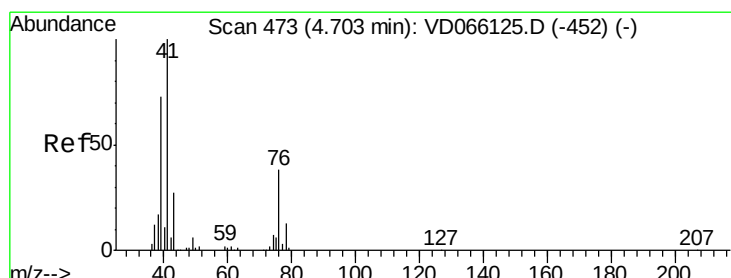
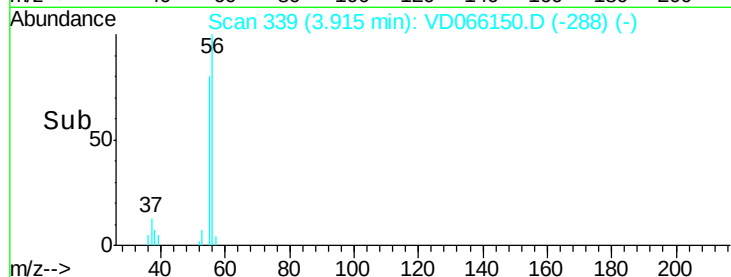
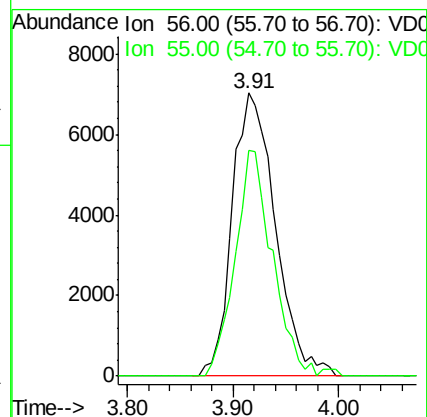
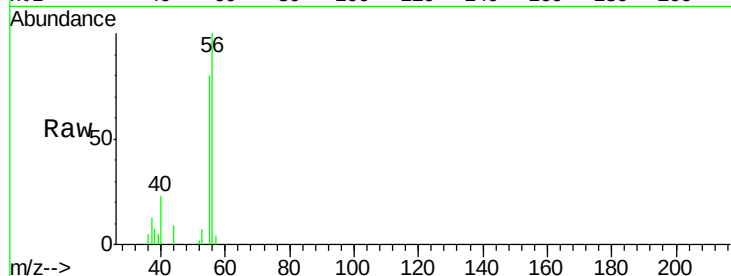
55 68.6 56.7 85.1

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:10 PM



#14

Allyl chloride

Concen: 18.572 ug/l

RT: 4.70 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

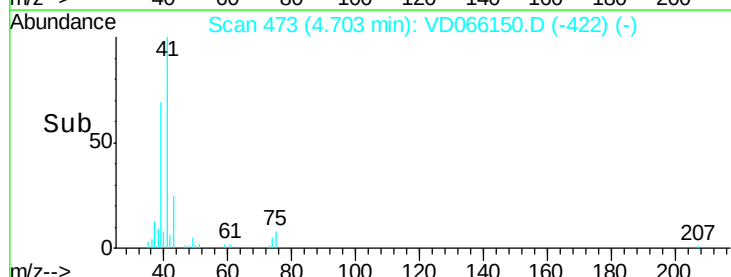
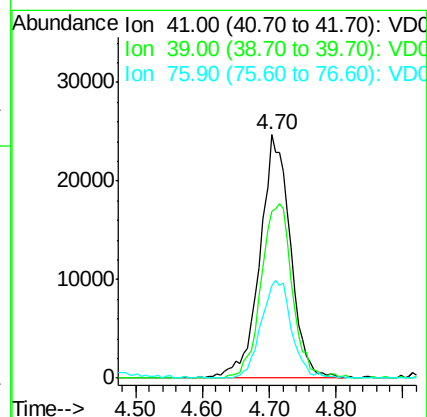
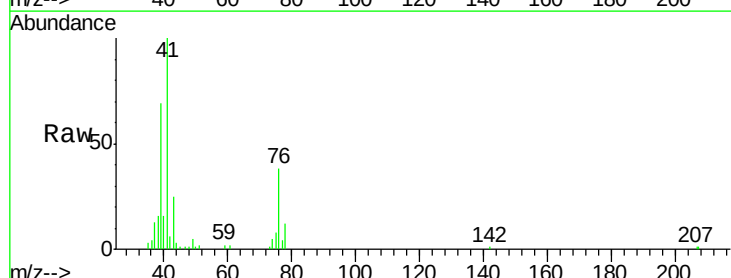
Tgt Ion: 41 Resp: 77567

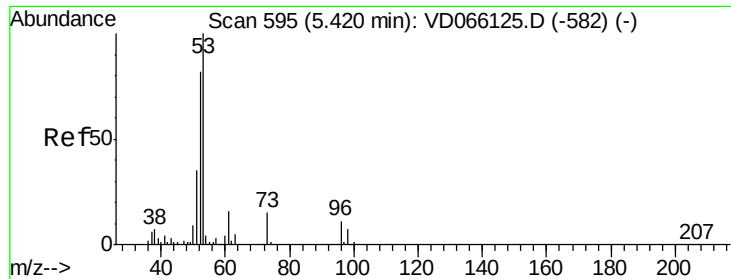
Ion Ratio Lower Upper

41 100

39 72.9 57.4 86.0

76 39.5 30.1 45.1





#15

Acrylonitrile

Concen: 93.299 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

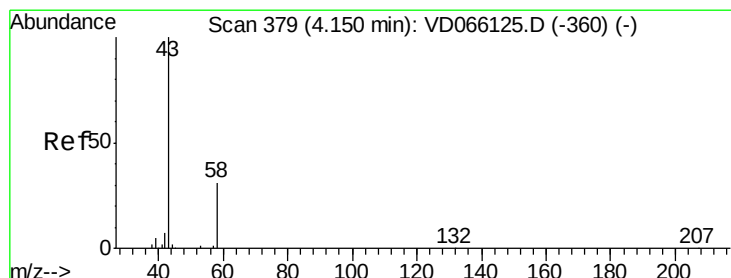
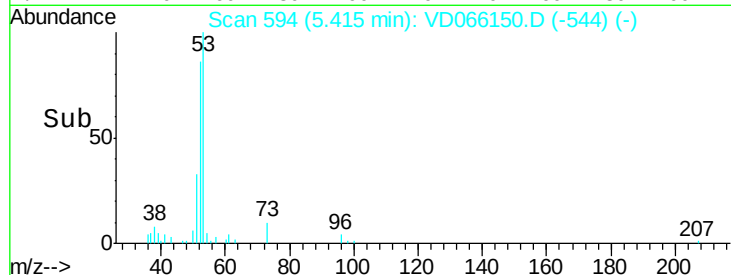
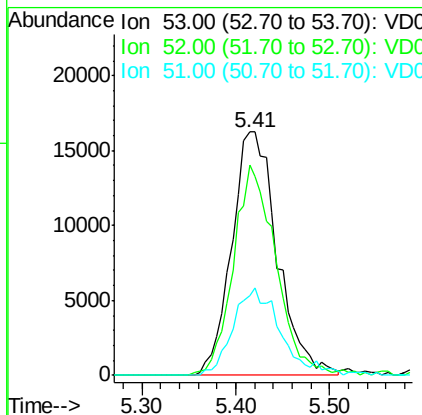
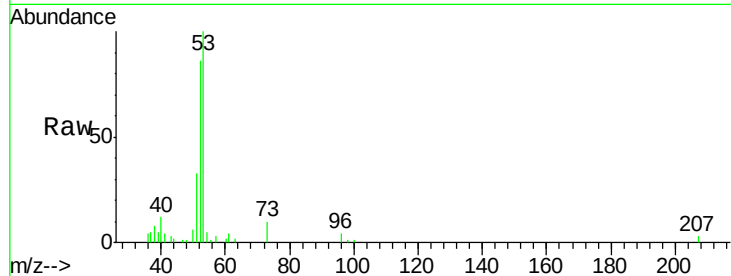
ClientSampleId :

VD0807SBS01

Tot Ion:	53	Resp:	54628
Ion Ratio	Lower	Upper	
53	100		
52	80.1	66.1	99.1
51	37.3	30.8	46.2

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM



#16

Acetone

Concen: 89.641 ug/l

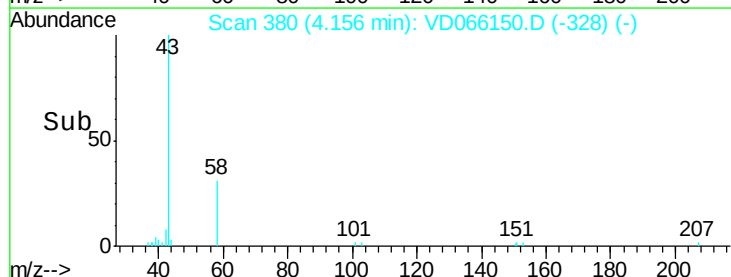
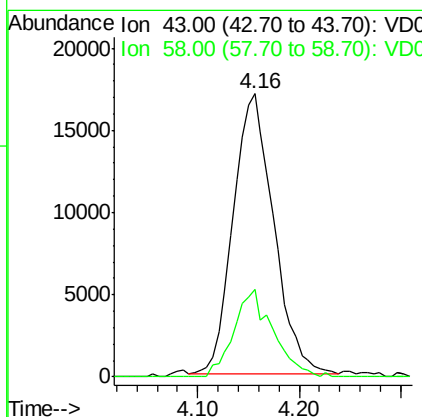
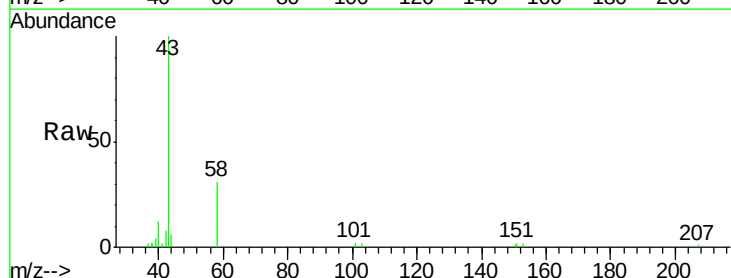
RT: 4.16 min Scan# 380

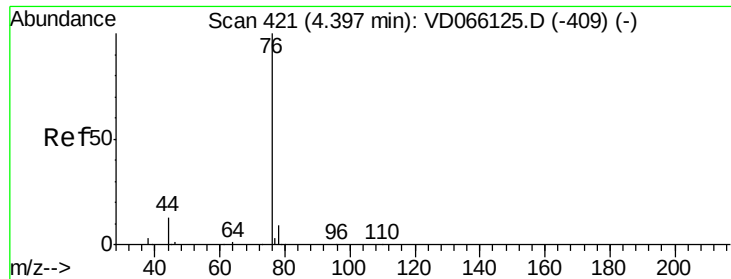
Delta R.T. 0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion:	43	Resp:	47238
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.7	37.1





#17

Carbon Disulfide

Concen: 18.644 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 76 Resp: 163426

Ion Ratio Lower Upper

76 100

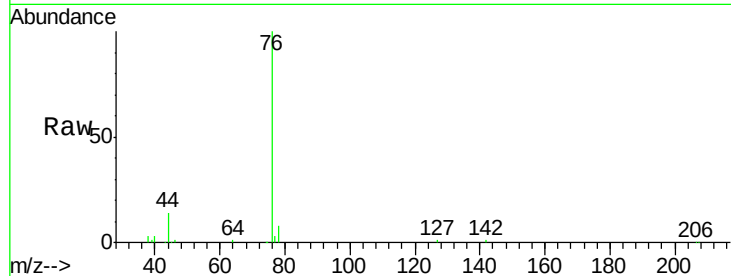
78 8.4 7.5 11.3

Manual Integrations

APPROVED

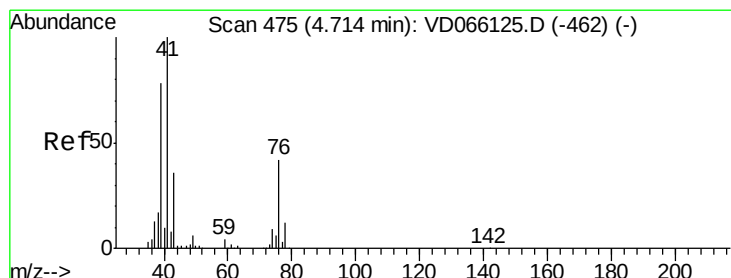
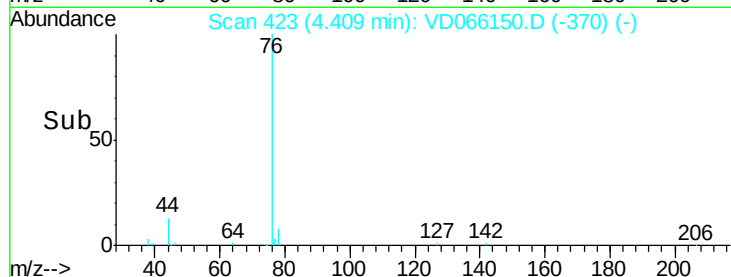
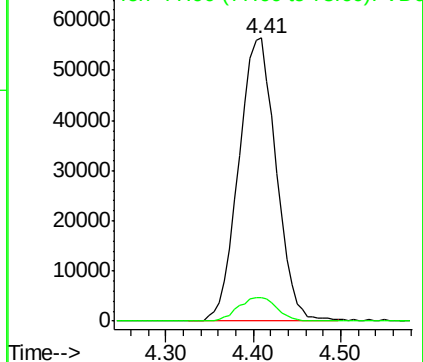
MMDadoda

8/10/2020 12:24:10 PM



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 17.312 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066150.D

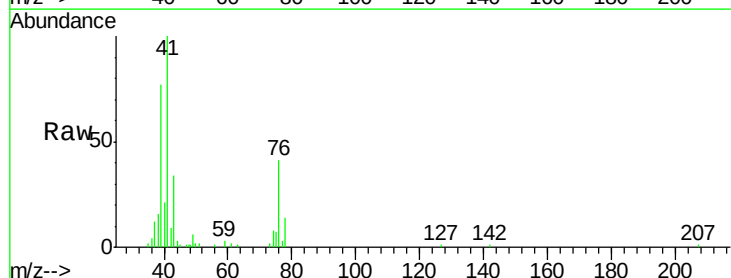
Acq: 07 Aug 2020 11:45

Tgt Ion: 43 Resp: 23173

Ion Ratio Lower Upper

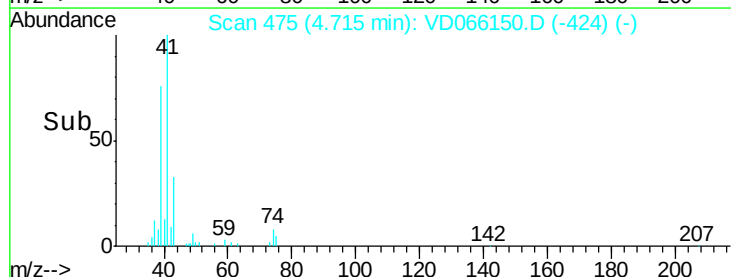
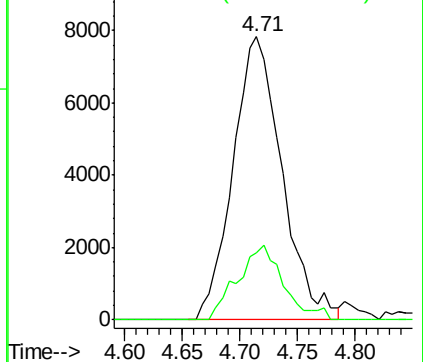
43 100

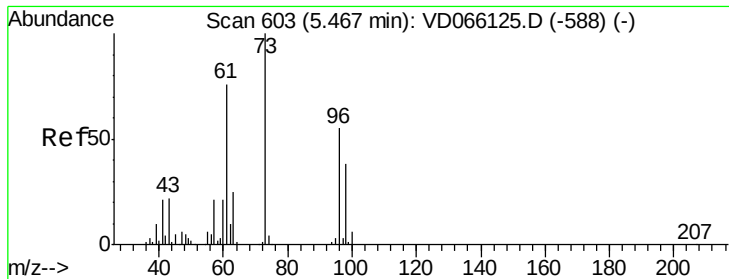
74 24.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





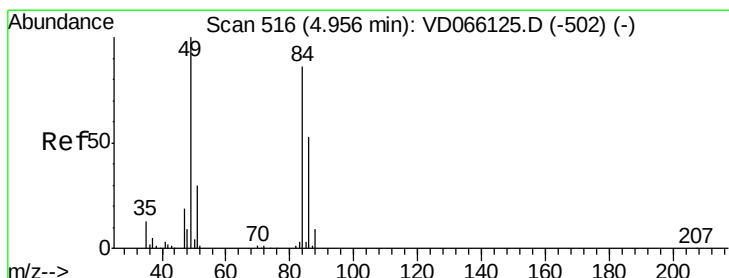
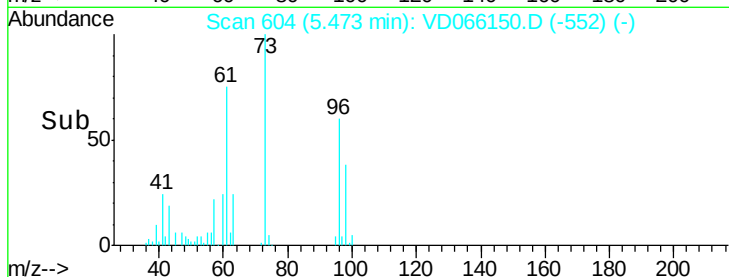
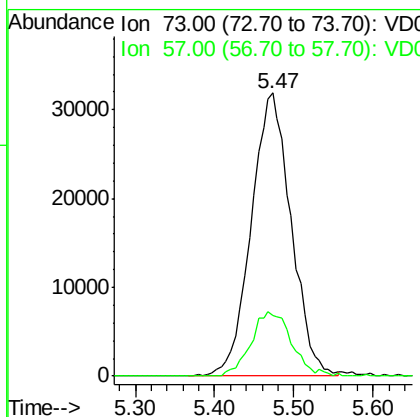
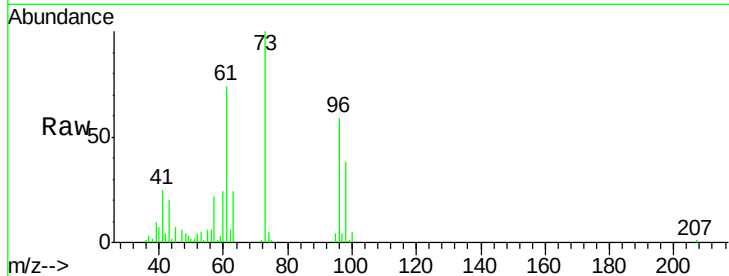
#19
Methyl tert-butyl Ether
Concen: 17.660 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion: 73 Resp: 111591
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7

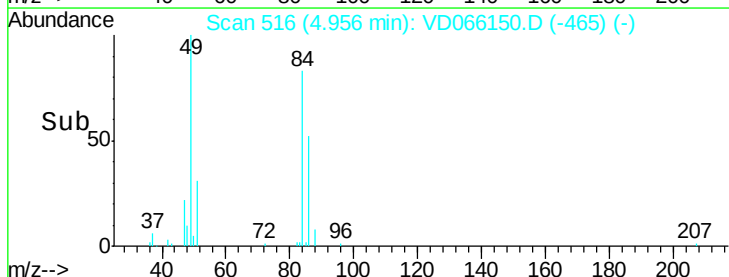
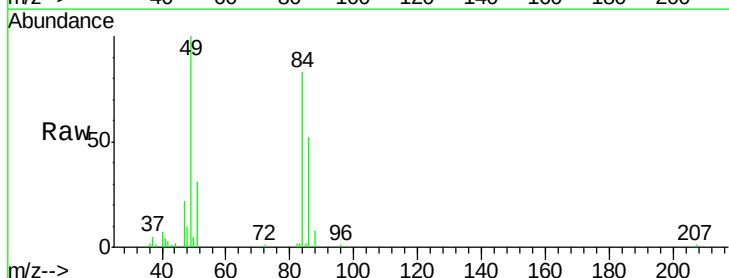
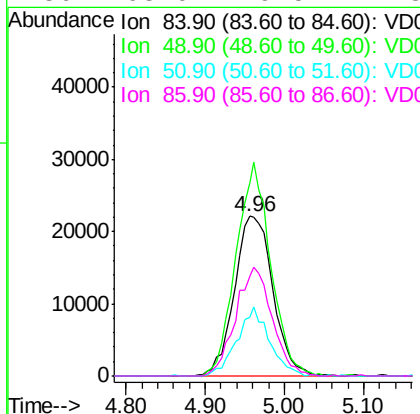
Manual Integrations
APPROVED

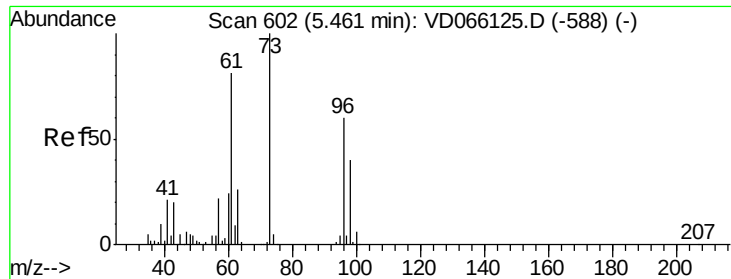
MMDadoda
8/10/2020 12:24:10 PM



#20
Methylene Chloride
Concen: 22.015 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion: 84 Resp: 74526
Ion Ratio Lower Upper
84 100
49 120.8 93.5 140.3
51 37.0 28.2 42.4
86 63.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.906 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 96 Resp: 59876

Ion Ratio Lower Upper

96 100

61 133.4 106.9 160.3

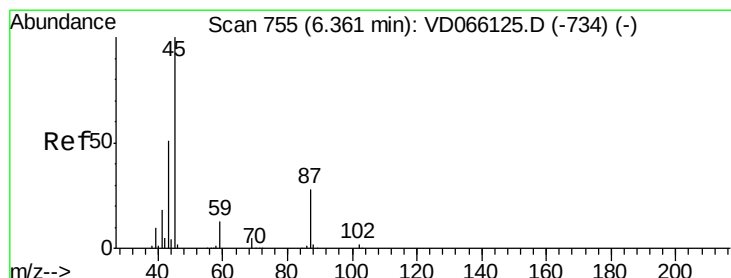
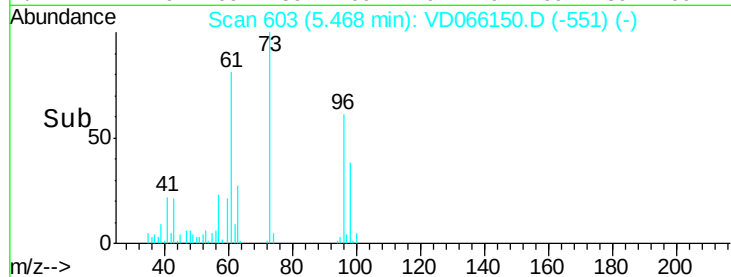
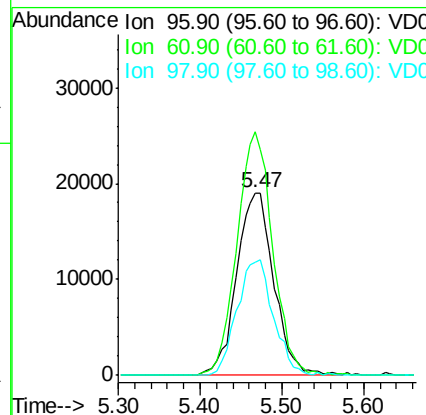
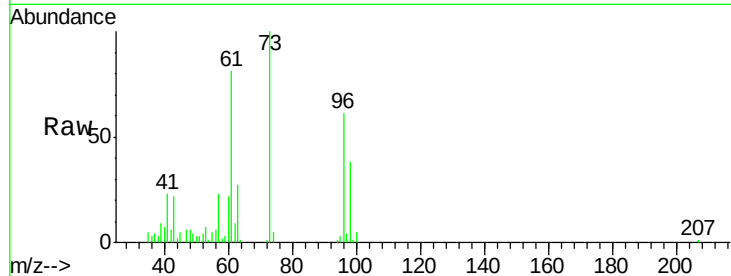
98 62.2 53.4 80.0

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:10 PM



#22

Diisopropyl ether

Concen: 19.194 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion: 45 Resp: 158530

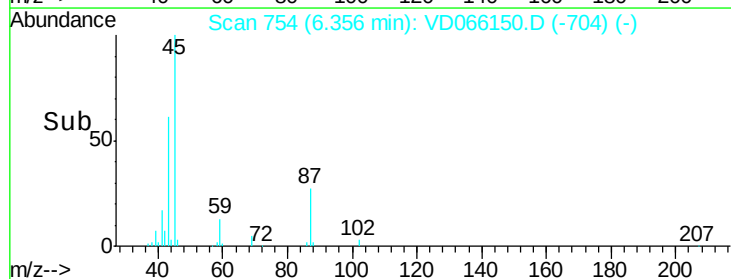
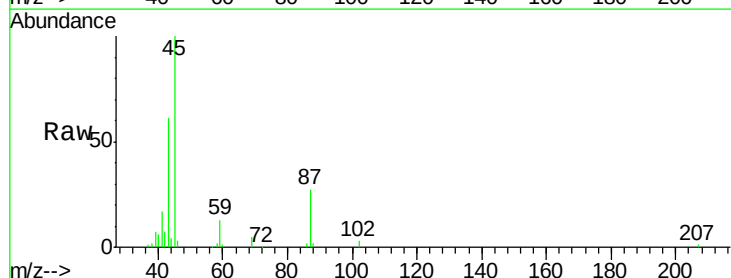
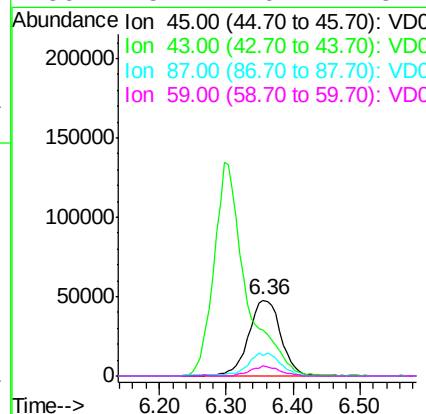
Ion Ratio Lower Upper

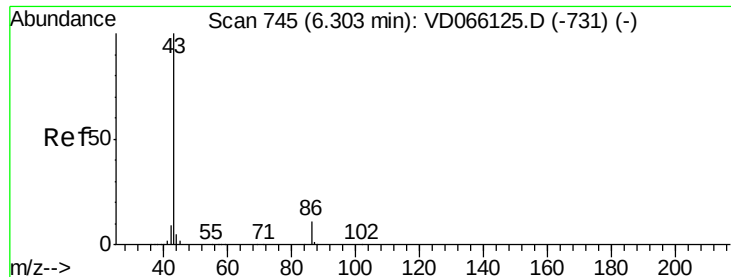
45 100

43 59.5 41.2 61.8

87 26.8 22.8 34.2

59 13.2 10.2 15.2





#23

Vinyl Acetate

Concen: 92.974 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 43 Resp: 449875

Ion Ratio Lower Upper

43 100

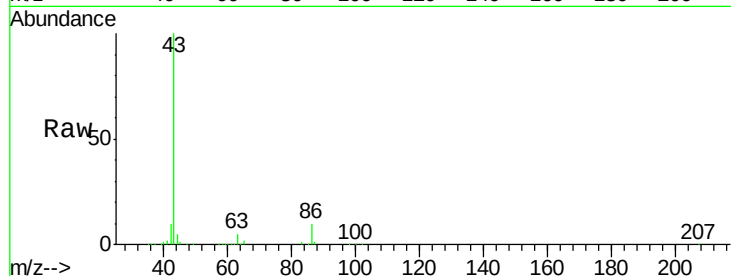
86 9.8 9.1 13.7

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:10 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

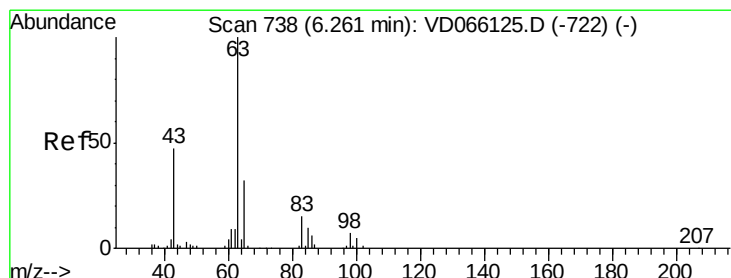
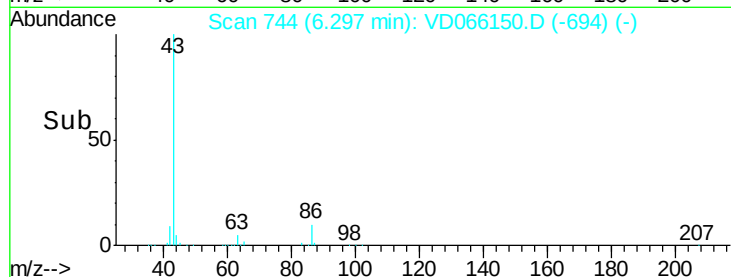
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 19.385 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

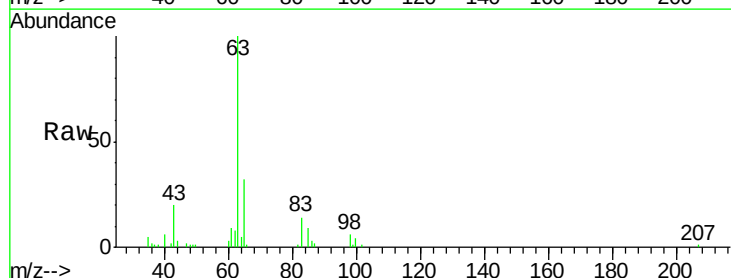
Tgt Ion: 63 Resp: 99085

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.3 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

40000

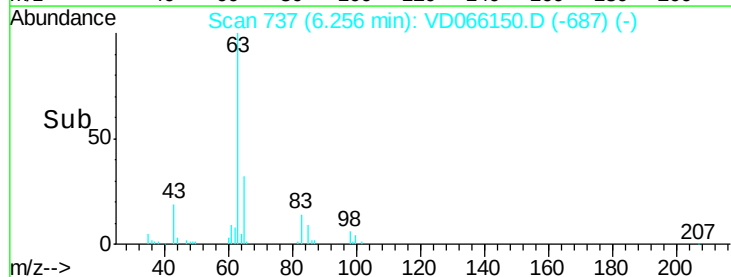
30000

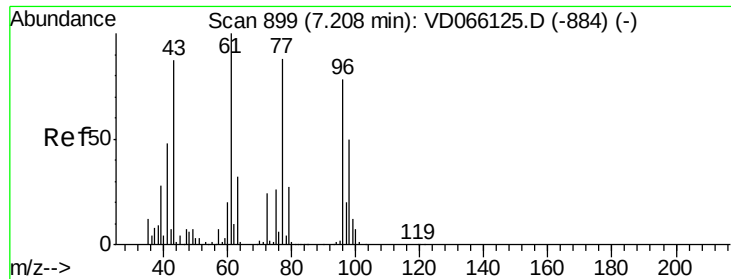
20000

10000

0

Time--> 6.20 6.30





#25

2-Butanone

Concen: 89.562 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 43 Resp: 69417

Ion Ratio Lower Upper

43 100

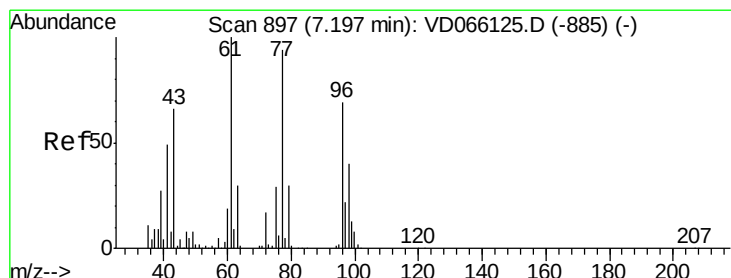
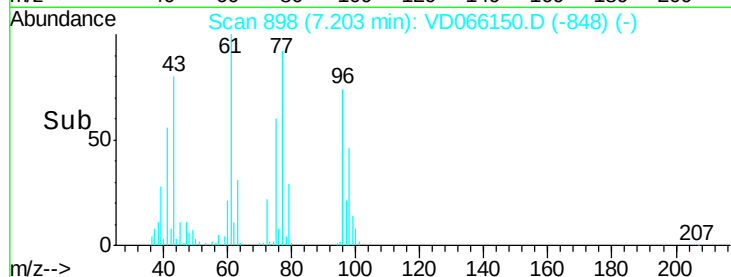
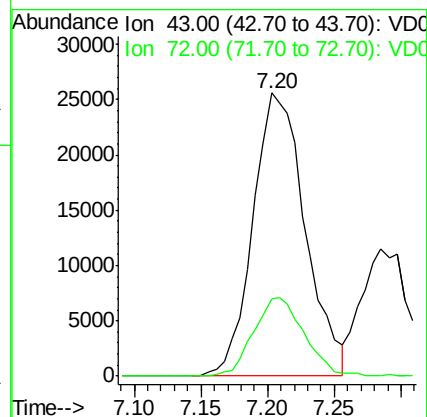
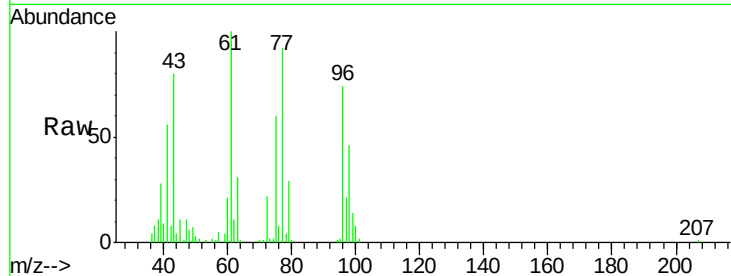
72 27.2 22.2 33.2

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:10 PM



#26

2,2-Dichloropropane

Concen: 19.818 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066150.D

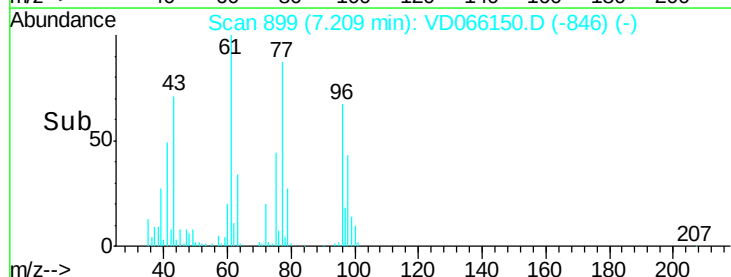
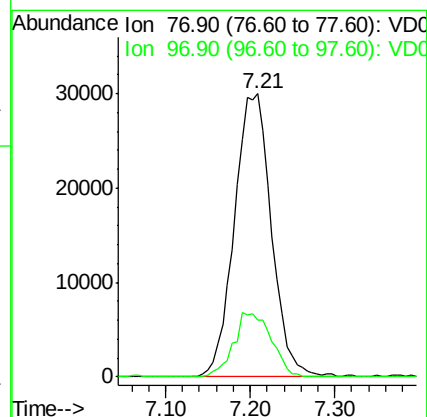
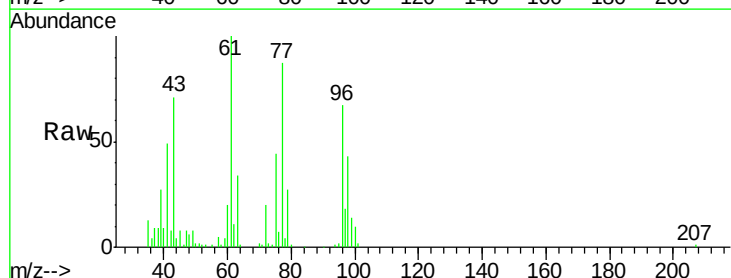
Acq: 07 Aug 2020 11:45

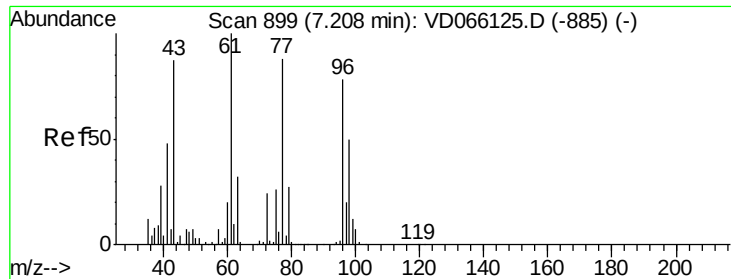
Tgt Ion: 77 Resp: 90793

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.3





#27

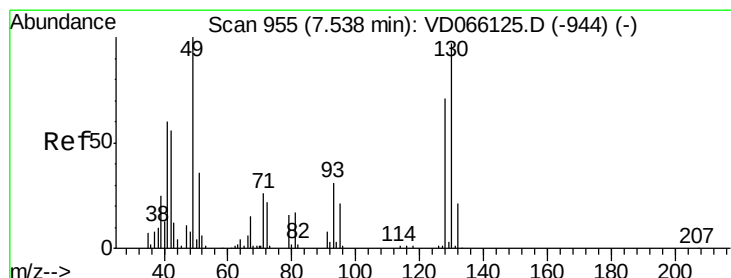
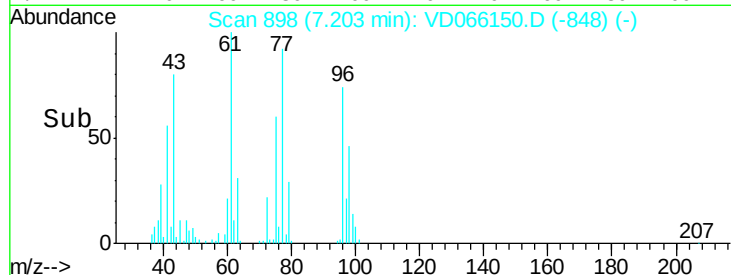
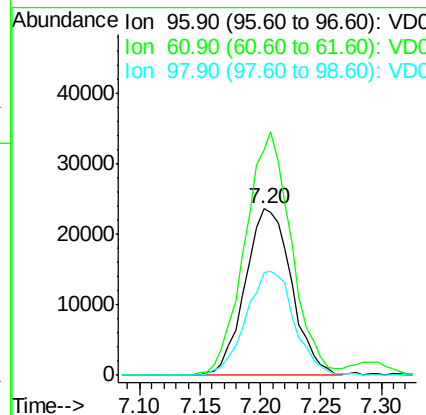
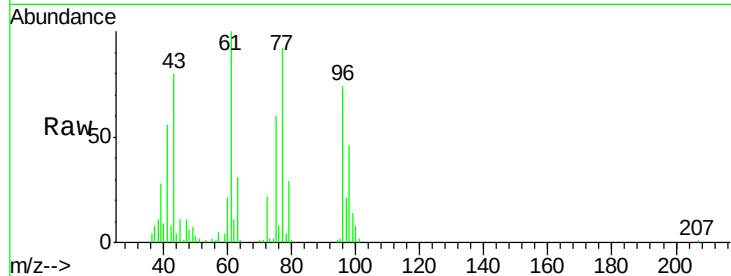
cis-1,2-Dichloroethene
 Concen: 19.076 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	281.6
98	64.8	0.0	130.8

Manual Integrations
 APPROVED

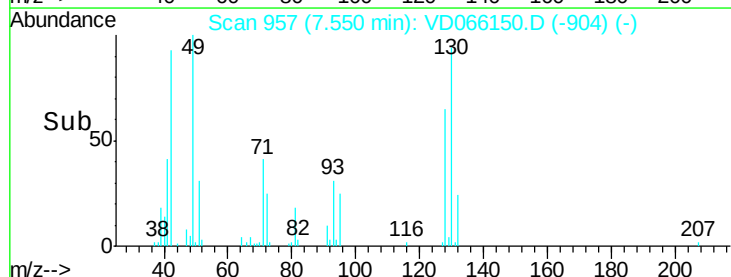
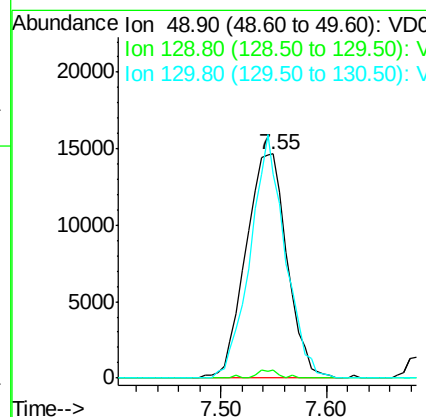
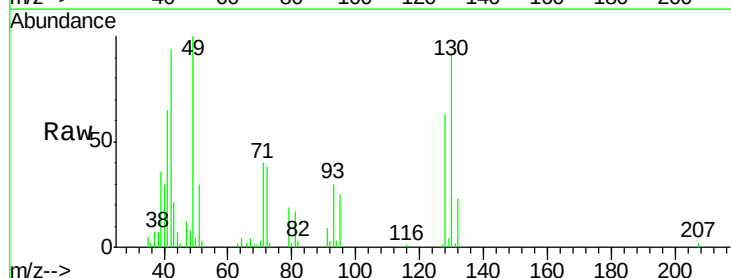
MMDadoda
 8/10/2020 12:24:10 PM

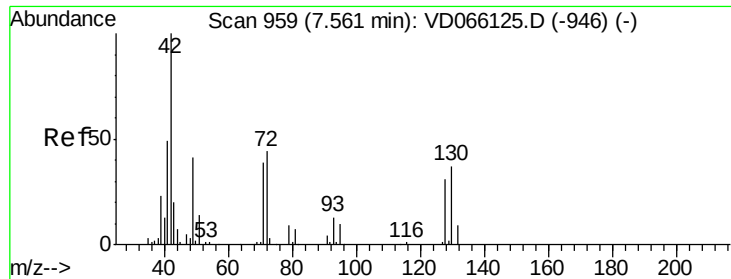


#28

Bromochloromethane
 Concen: 22.246 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	6.0
130	91.8	73.8	110.6





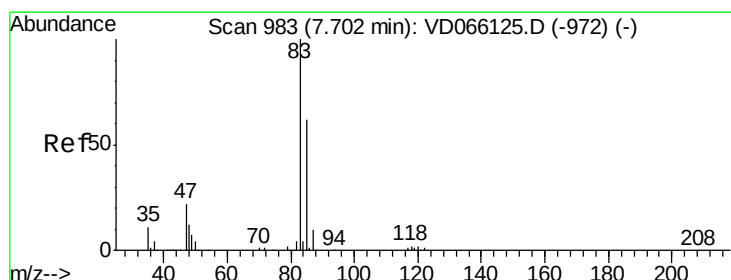
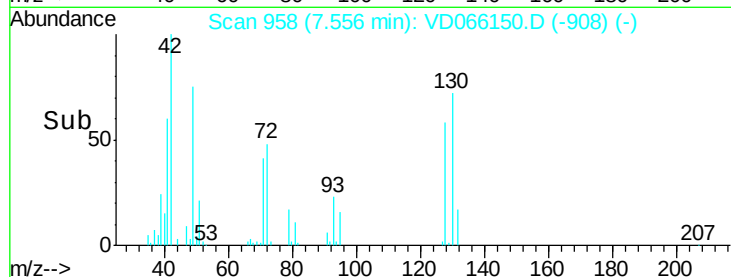
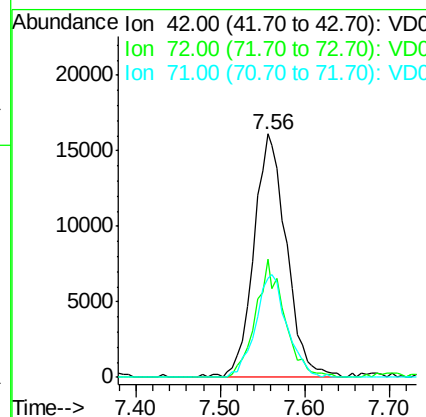
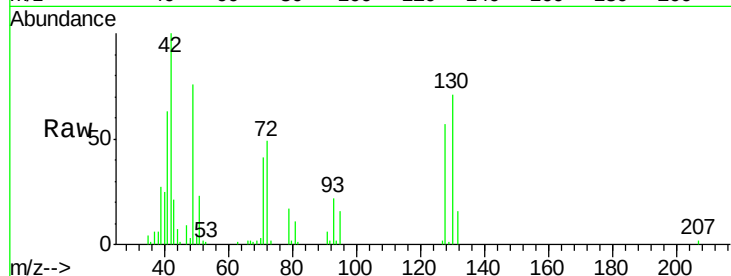
#29
Tetrahydrofuran
Concen: 90.182 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.8	52.2
71	40.8	33.5	50.3

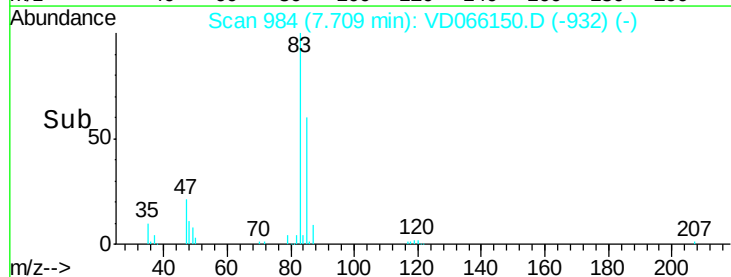
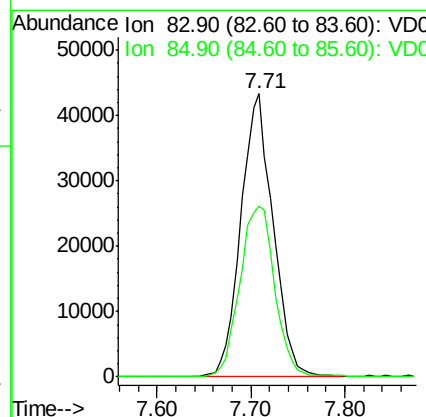
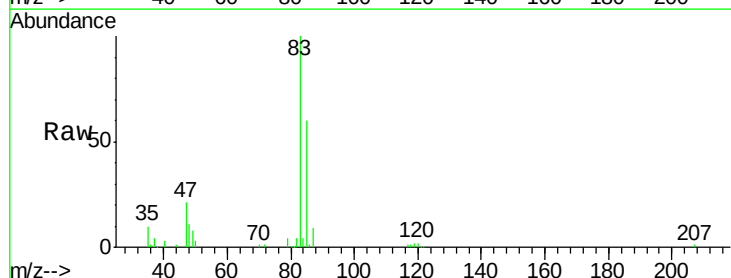
Manual Integrations
APPROVED

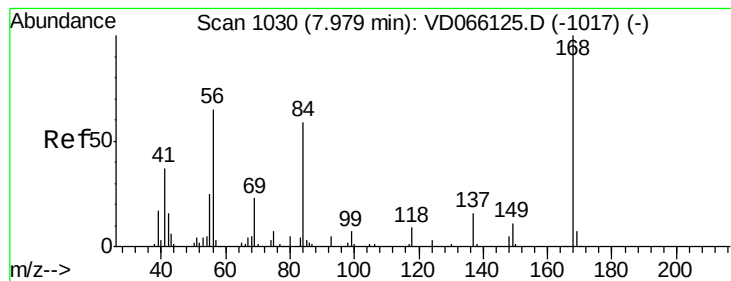
MMDadoda
8/10/2020 12:24:10 PM



#30
Chloroform
Concen: 19.187 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.1	49.5	74.3





#31

Cyclohexane

Concen: 18.714 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

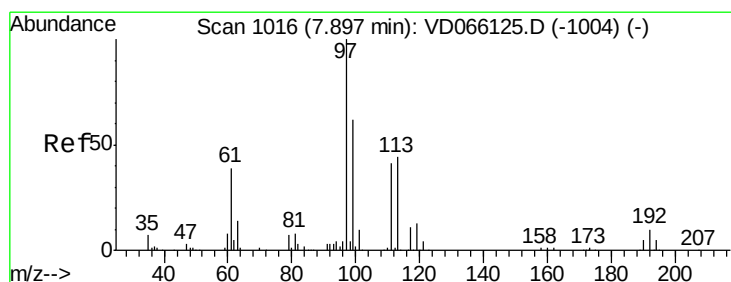
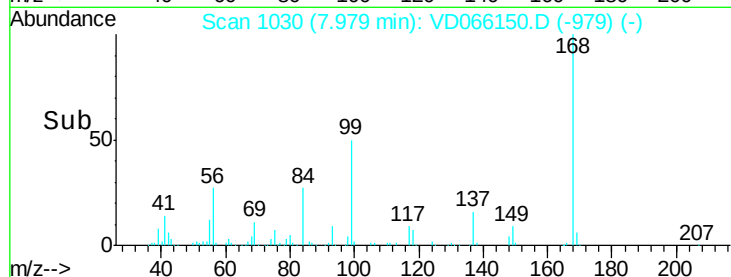
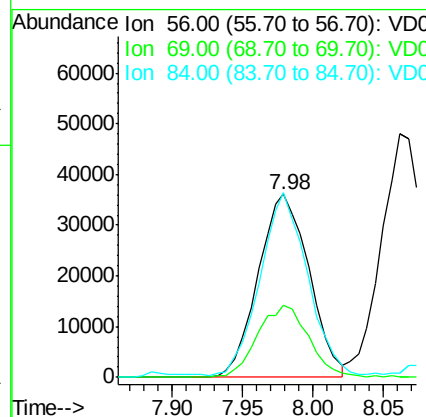
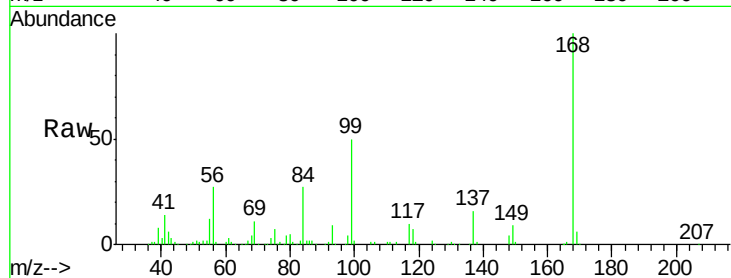
ClientSampleId :

VD0807SBS01

Tot Ion:	56	Resp:	91053
Ion	Ratio	Lower	Upper
56	100		
69	39.4	28.8	43.2
84	99.6	73.0	109.6

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM



#32

1,1,1-Trichloroethane

Concen: 19.130 ug/l

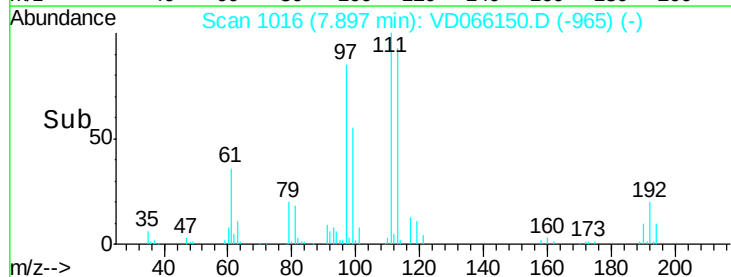
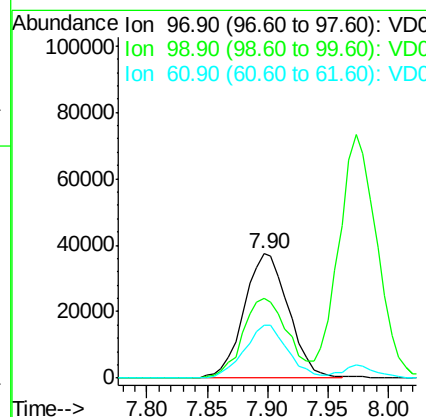
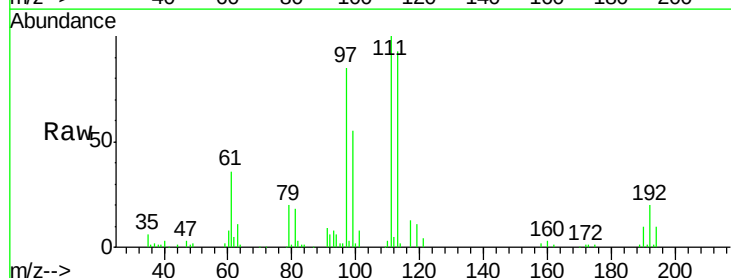
RT: 7.90 min Scan# 1016

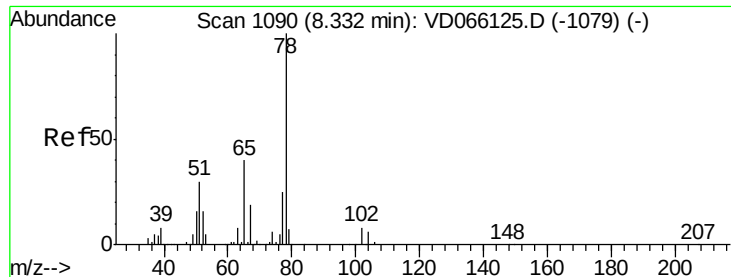
Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion:	97	Resp:	96271
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.1	76.7
61	41.3	32.7	49.1





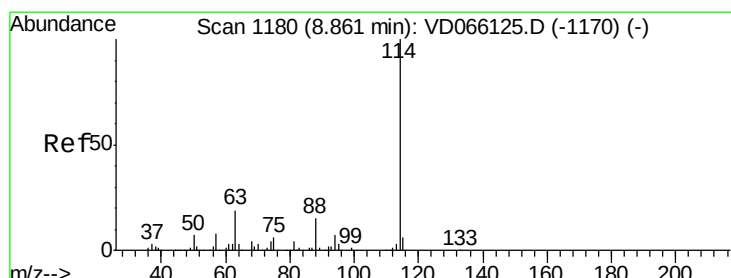
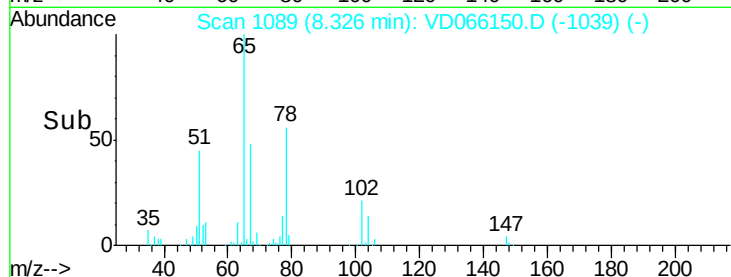
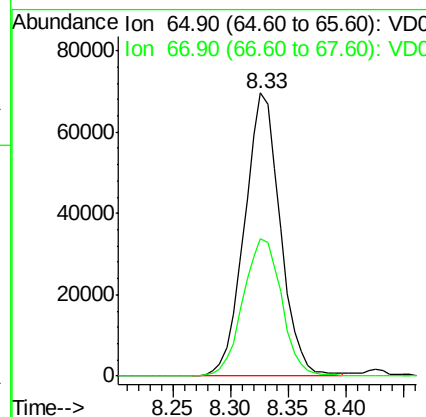
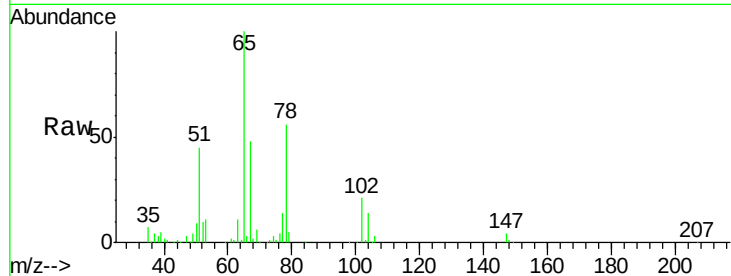
#33
 1,2-Dichloroethane-d4
 Concen: 54.098 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	150245		
67	52.4	0.0	104.6	

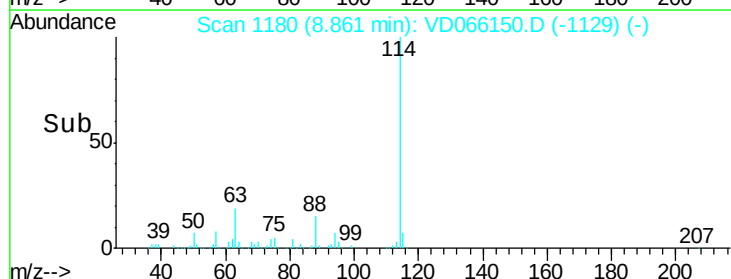
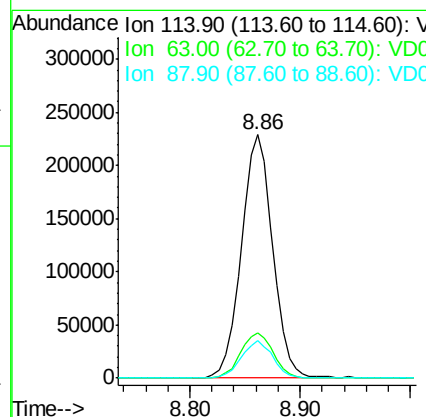
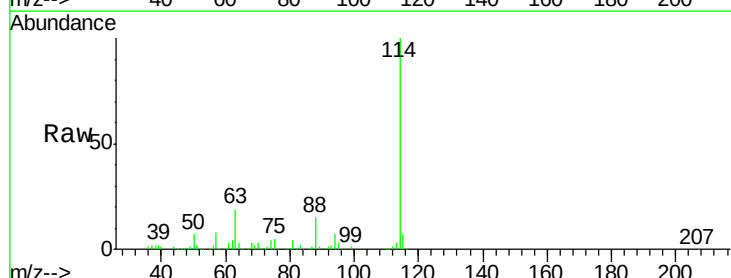
Manual Integrations
 APPROVED

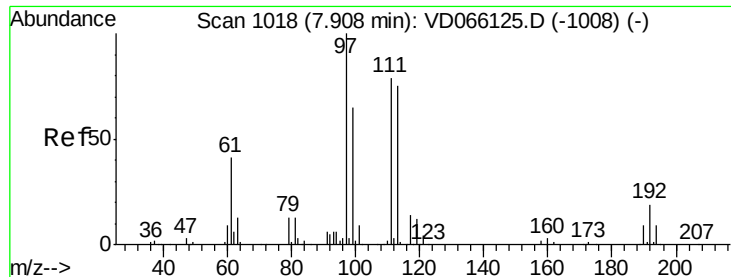
MMDadoda
 8/10/2020 12:24:10 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	455115		
63	18.6	0.0	38.6	
88	15.2	0.0	30.0	





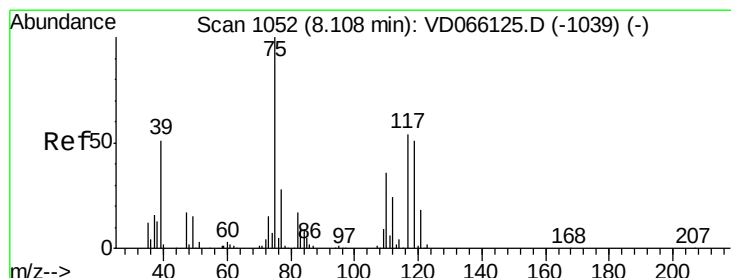
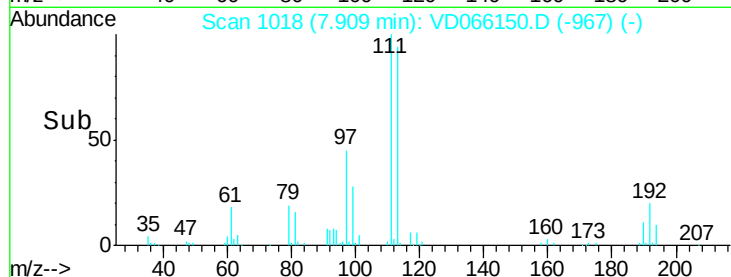
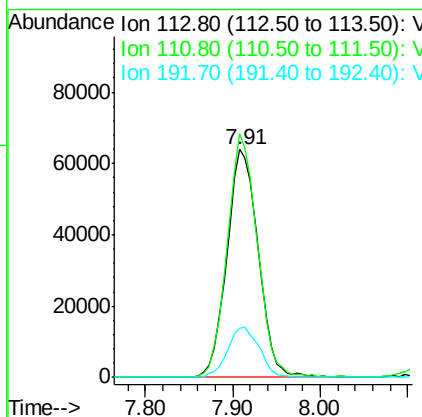
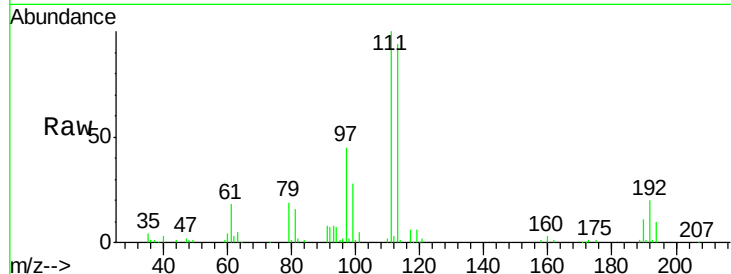
#35
 Dibromofluoromethane
 Concen: 54.038 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	155798		
111	103.2	80.7	121.1	
192	22.3	18.4	27.6	

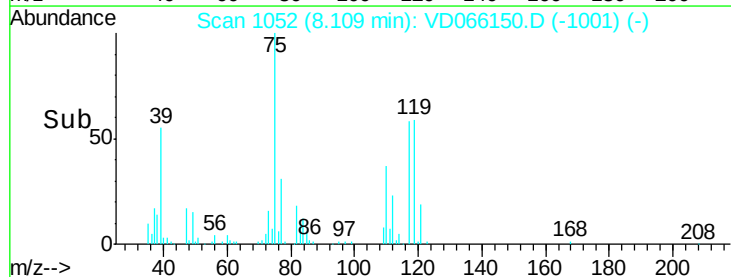
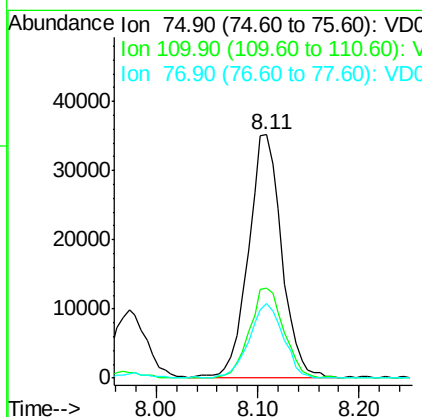
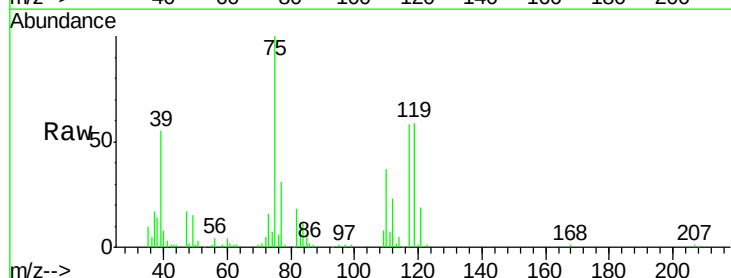
Manual Integrations
 APPROVED

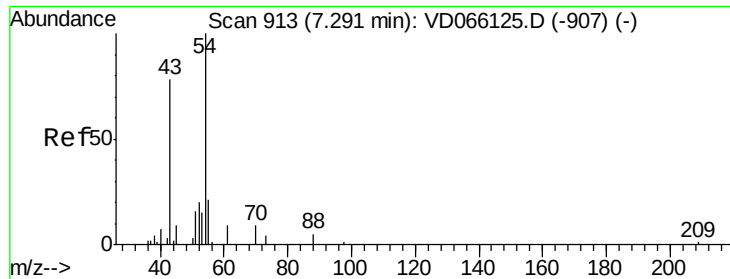
MMDadoda
 8/10/2020 12:24:10 PM



#36
 1,1-Dichloropropene
 Concen: 18.815 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80466		
110	38.0	18.8	56.3	
77	31.0	24.2	36.2	





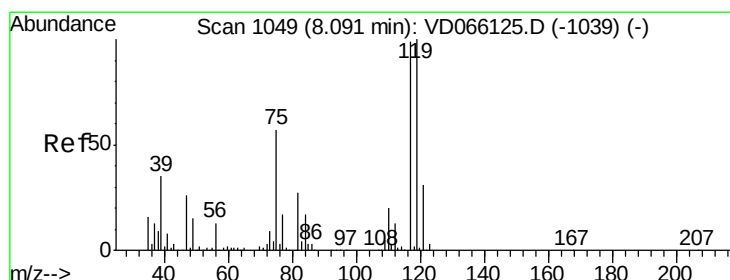
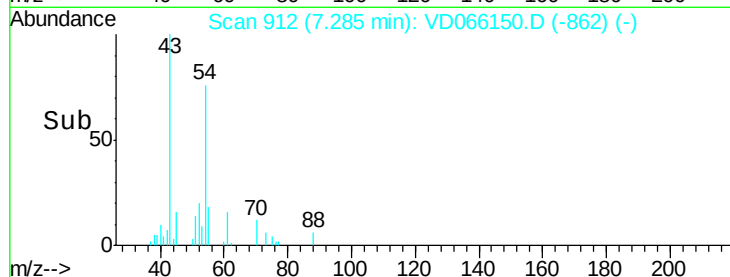
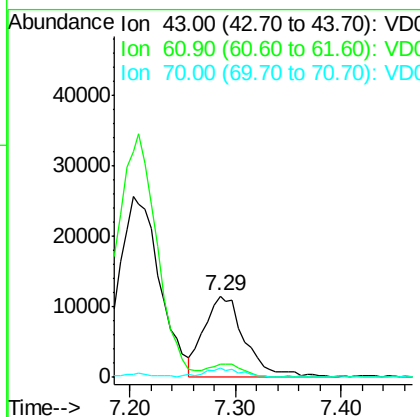
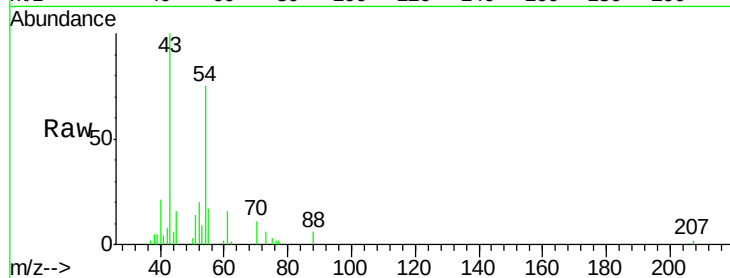
#37
Ethyl Acetate
Concen: 18.342 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.0	18.0
70	10.6	9.7	14.5

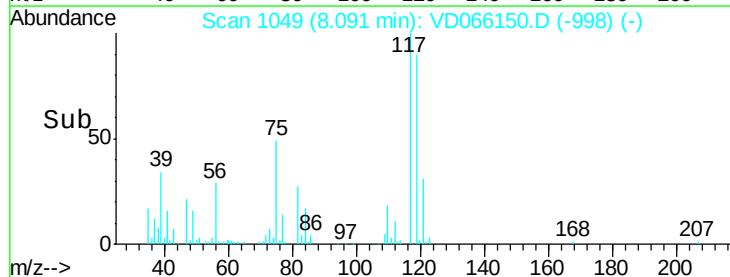
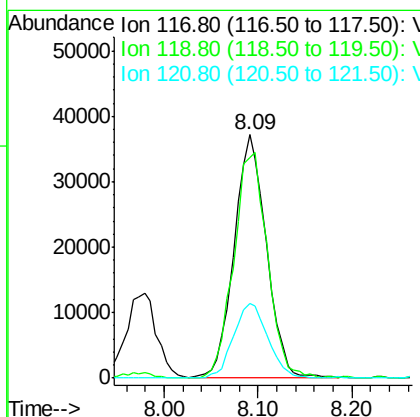
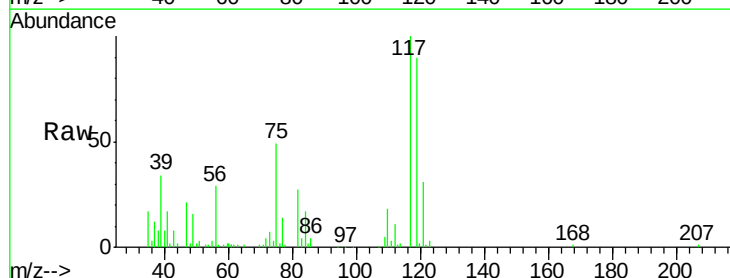
Manual Integrations
APPROVED

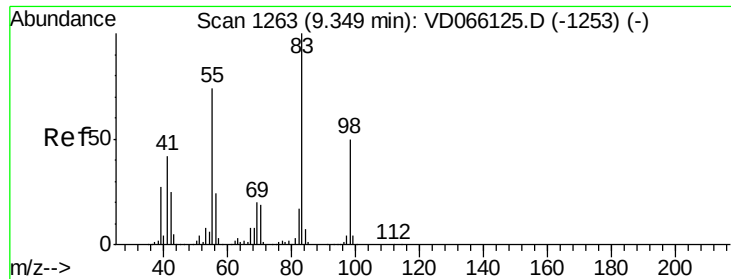
MMDadoda
8/10/2020 12:24:10 PM



#38
Carbon Tetrachloride
Concen: 18.609 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	81.0	121.4
121	30.9	24.8	37.2





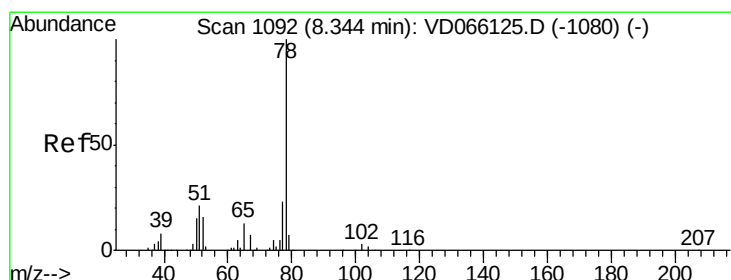
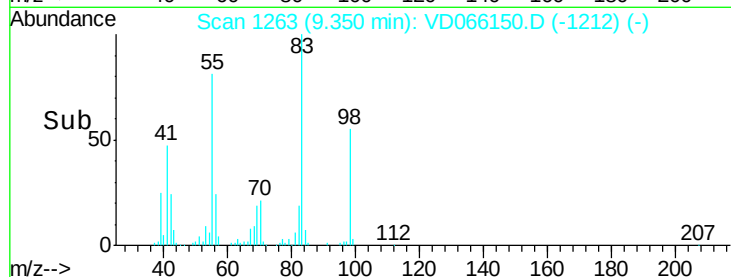
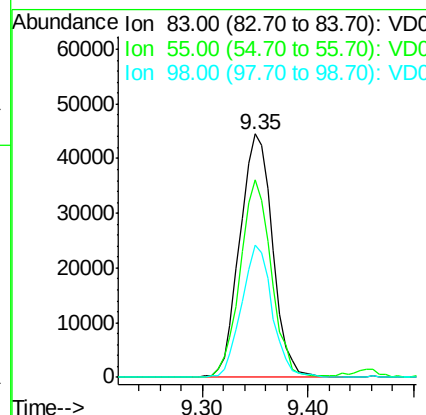
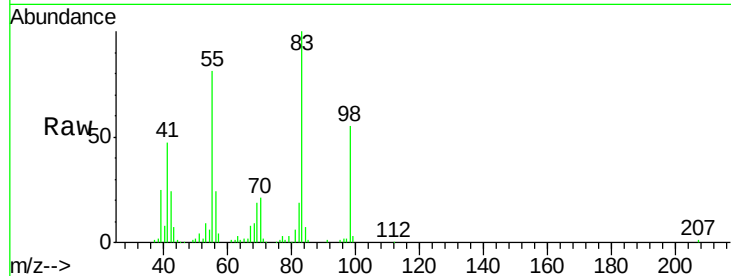
#39
Methylvlcyclohexane
Concen: 18.511 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	83	Resp	95698
Ion Ratio	100	Lower	Upper
83	100		
55	81.2	59.2	88.8
98	54.6	39.8	59.6

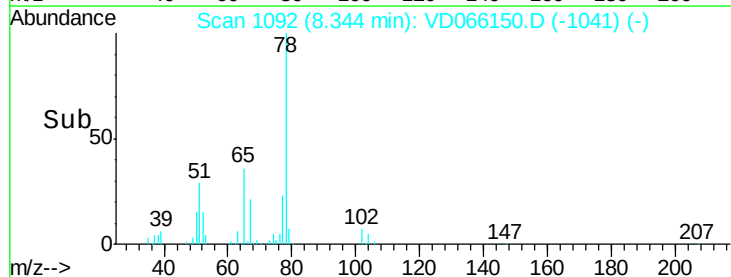
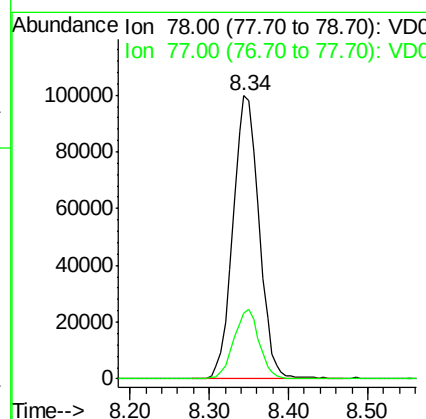
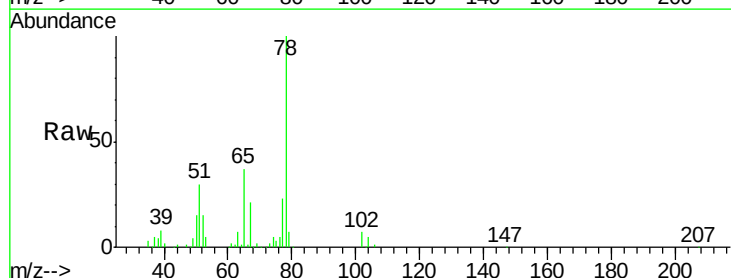
Manual Integrations
APPROVED

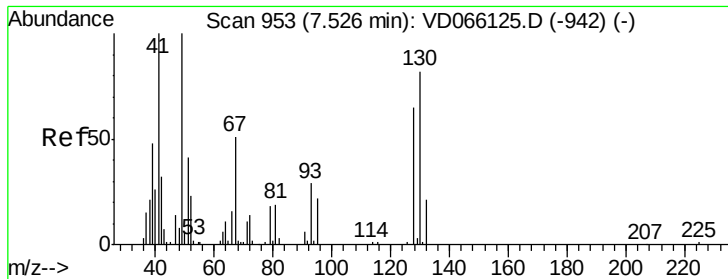
MMDadoda
8/10/2020 12:24:10 PM



#40
Benzene
Concen: 19.148 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	78	Resp	227168
Ion Ratio	100	Lower	Upper
78	100		
77	23.2	18.6	27.8





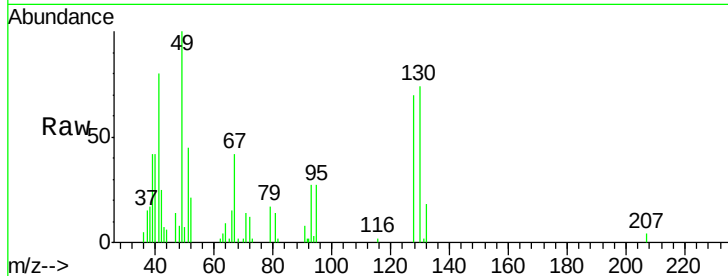
#41
Methacrylonitrile
Concen: 17.490 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

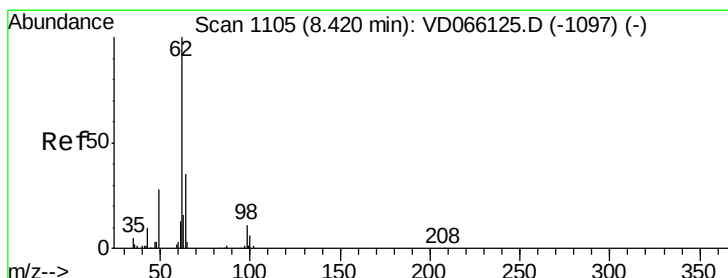
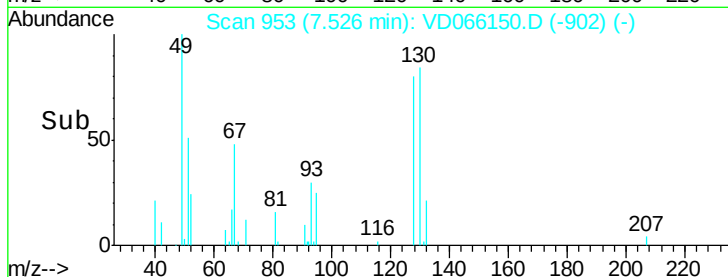
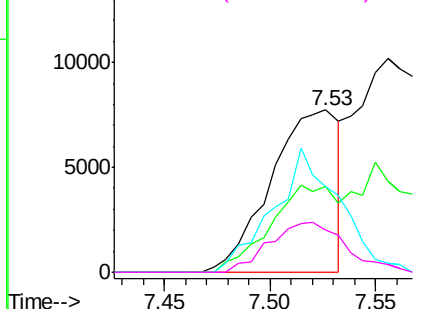
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		17425		
39	51.8	47.5	71.3		
67	73.9	59.1	88.7		
52	34.0	25.4	38.0		

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM

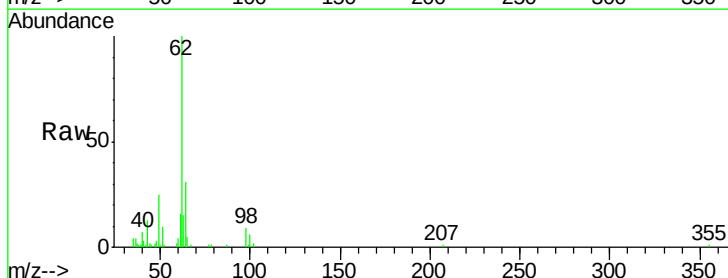


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

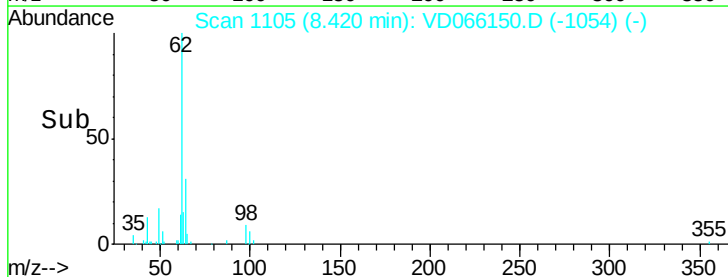
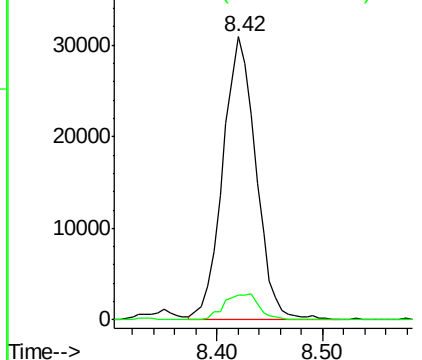


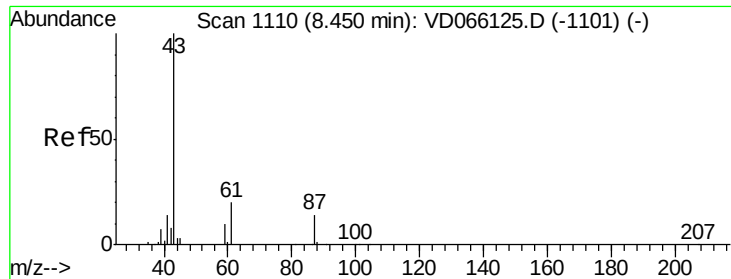
#42
1,2-Dichloroethane
Concen: 19.317 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		67326		
98	9.6	0.0	20.4		



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 17.571 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

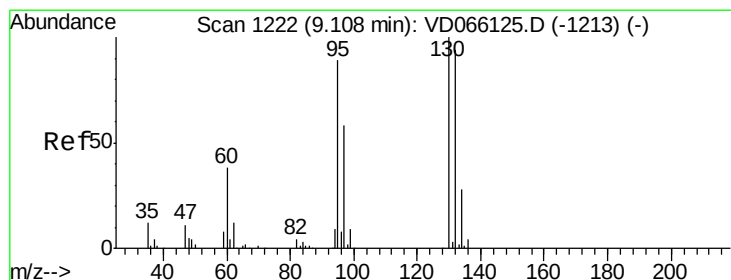
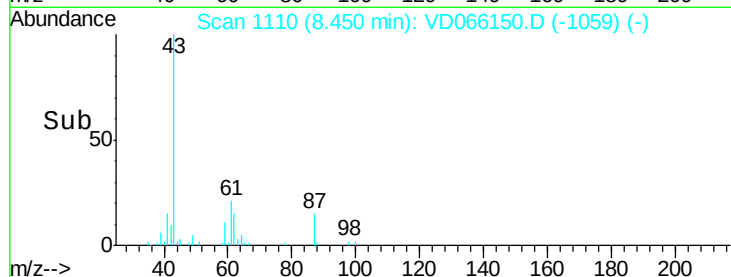
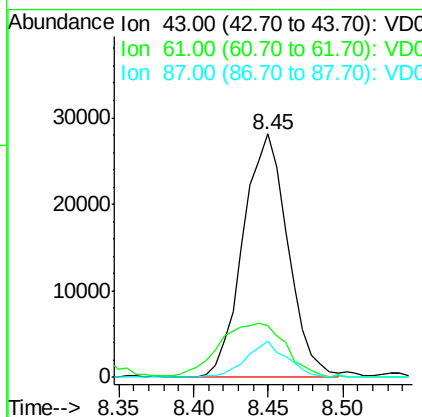
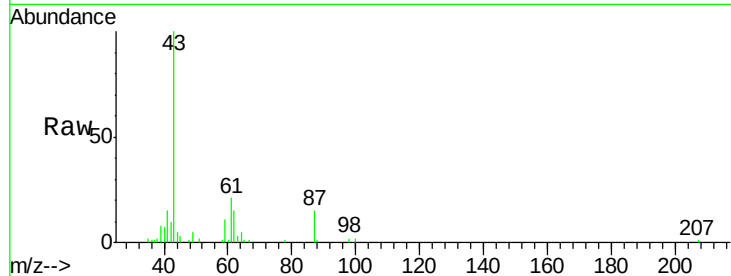
ClientSampleId :

VD0807SBS01

Tot Ion:	43	Resp:	58663
Ion	Ratio	Lower	Upper
43	100		
61	33.2	25.5	38.3
87	13.4	11.2	16.8

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM



#44

Trichloroethene

Concen: 18.810 ug/l

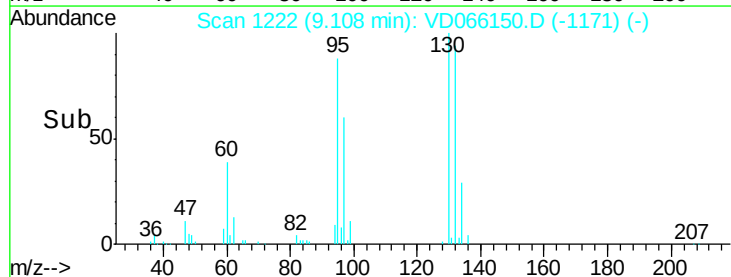
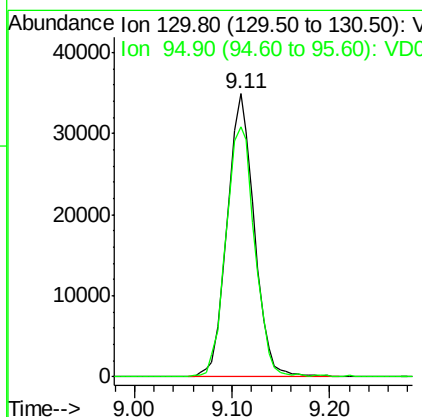
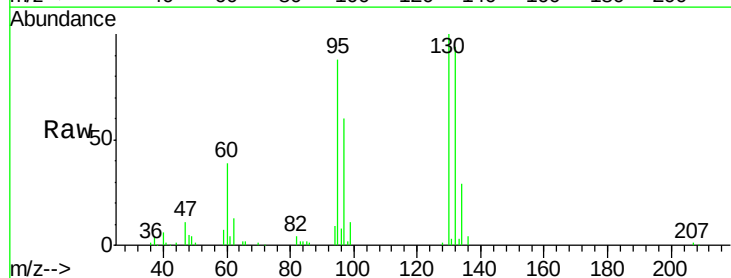
RT: 9.11 min Scan# 1222

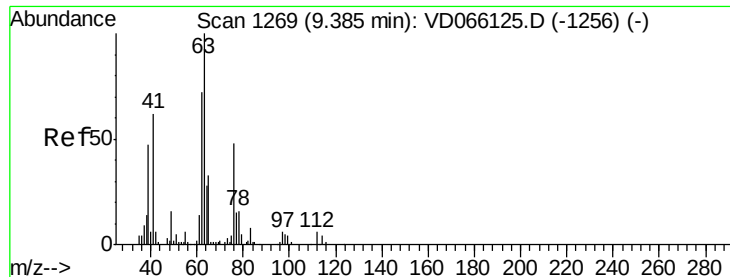
Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion:	130	Resp:	67246
Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	178.4





#45

1,2-Dichloropropane

Concen: 19.470 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 63 Resp: 56495

Ion Ratio Lower Upper

63 100

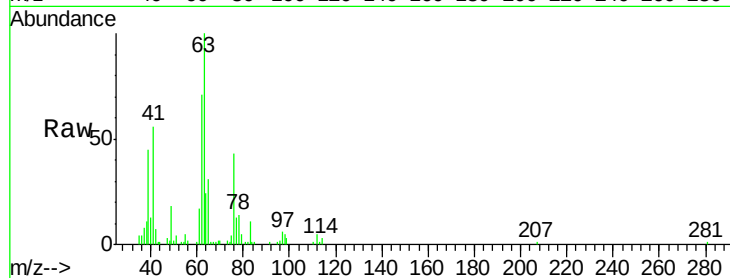
65 31.3 26.5 39.7

Manual Integrations

APPROVED

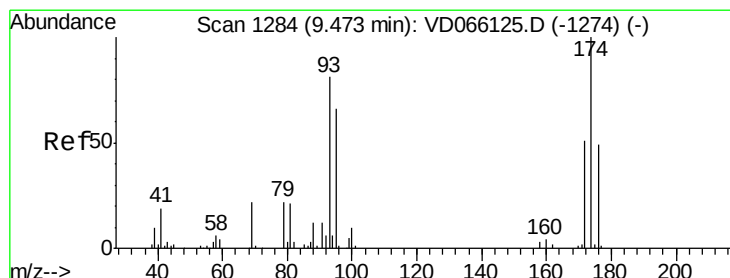
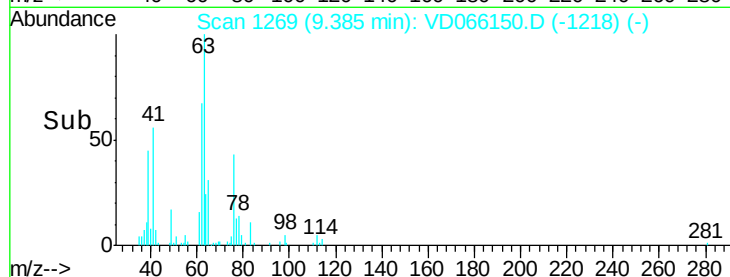
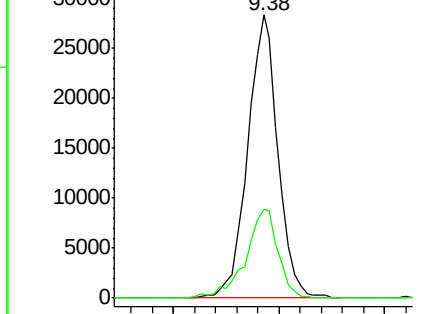
MMDadoda

8/10/2020 12:24:10 PM



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 18.167 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

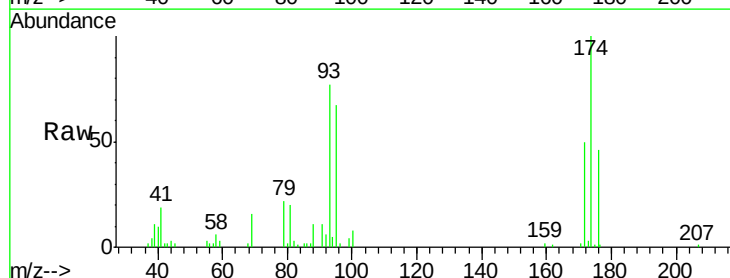
Tgt Ion: 93 Resp: 29036

Ion Ratio Lower Upper

93 100

95 86.7 65.8 98.6

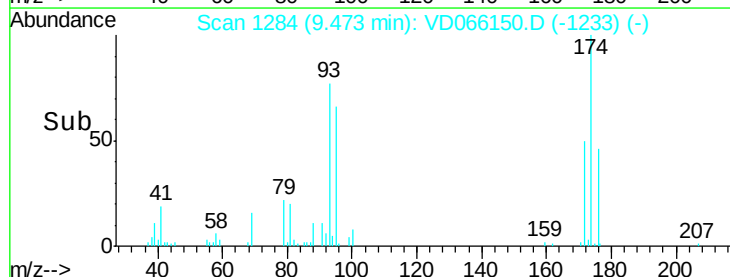
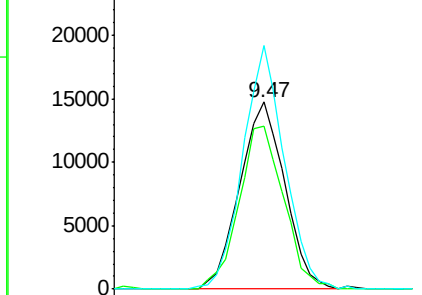
174 120.7 92.8 139.2

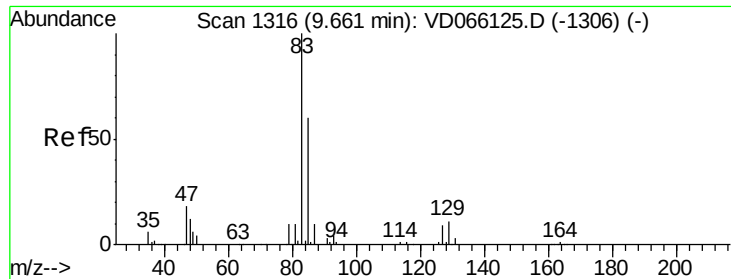


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 18.746 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

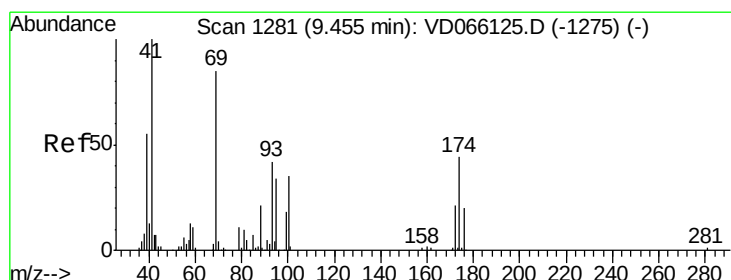
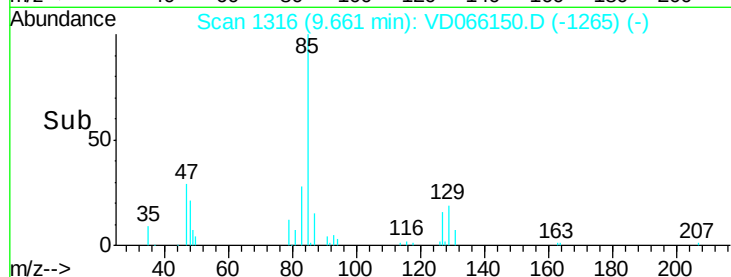
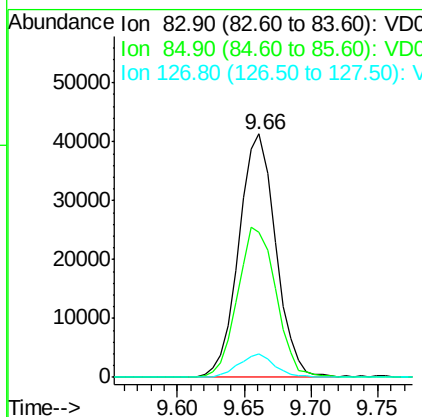
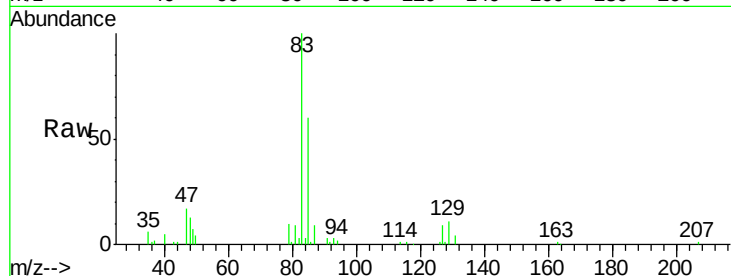
ClientSampleId :

VD0807SBS01

Tot Ion:	83	Resp:	79185
Ion	Ratio	Lower	Upper
83	100		
85	59.6	48.2	72.4
127	9.4	7.3	10.9

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM



#48

Methyl methacrylate

Concen: 16.202 ug/l

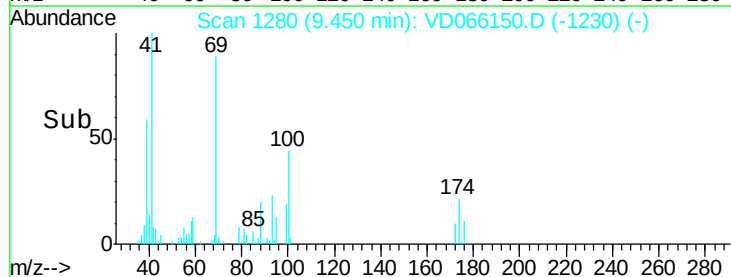
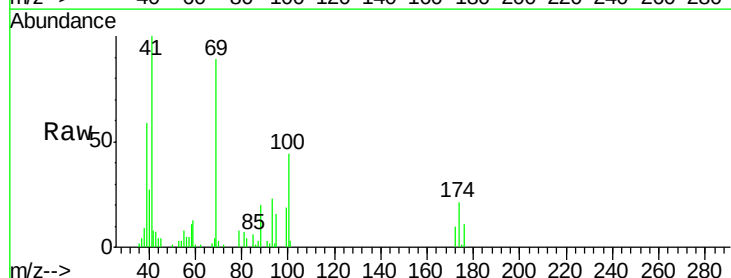
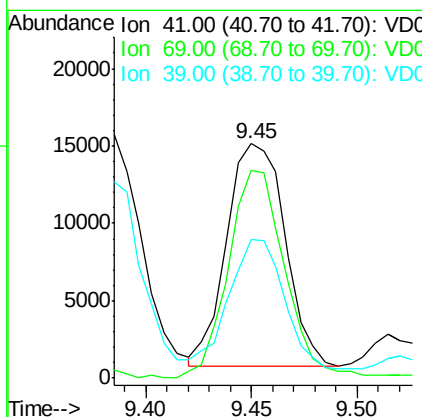
RT: 9.45 min Scan# 1280

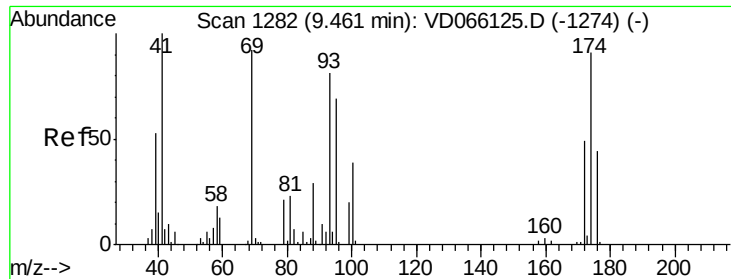
Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion:	41	Resp:	27621
Ion	Ratio	Lower	Upper
41	100		
69	90.5	63.9	95.9
39	55.4	42.6	64.0





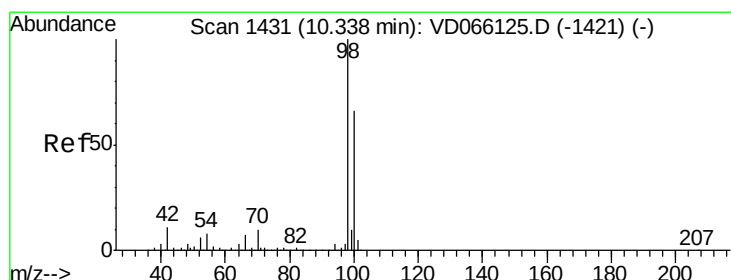
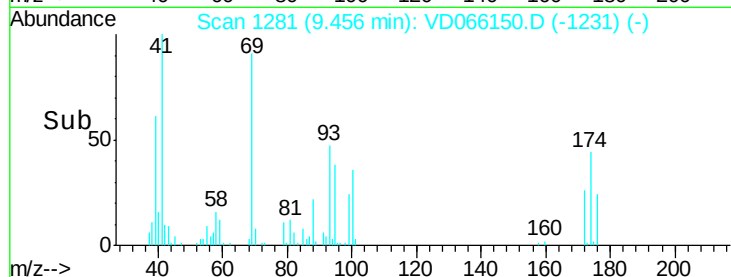
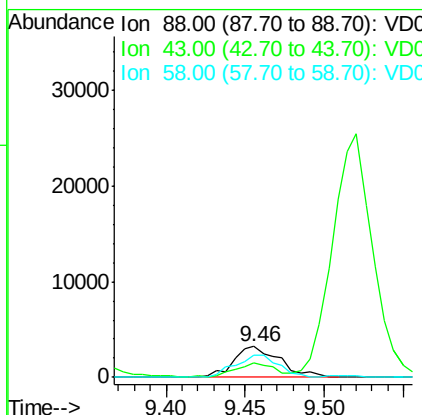
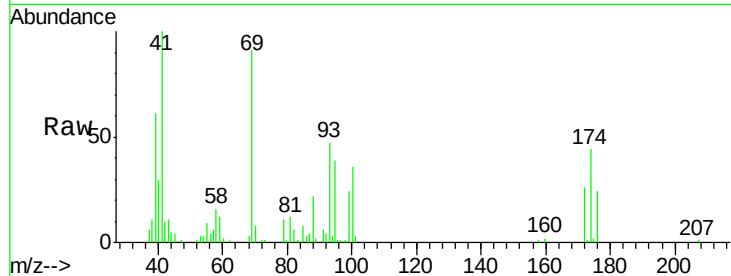
#49
1,4-Dioxane
Concen: 320.398 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion: 88 Resp: 6579
Ion Ratio Lower Upper
88 100
43 41.6 27.5 41.3#
58 67.7 50.2 75.4

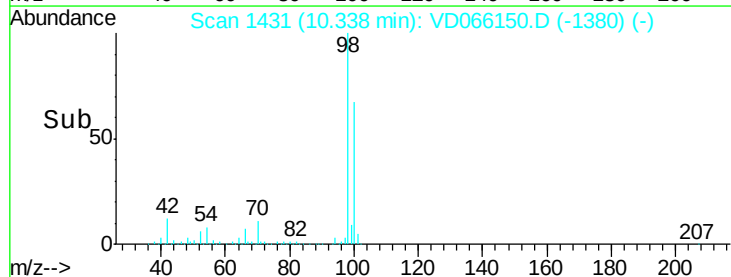
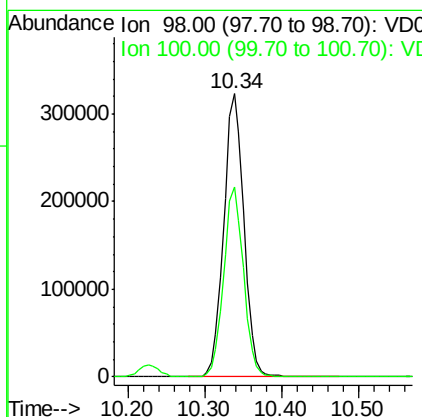
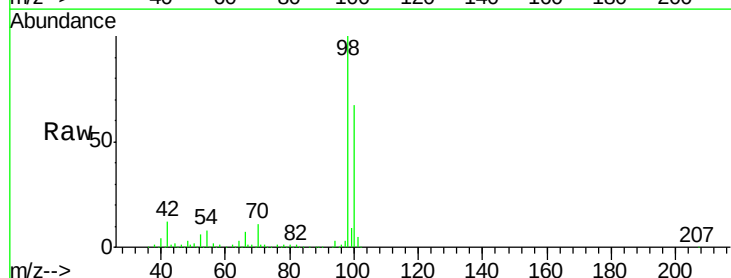
Manual Integrations
APPROVED

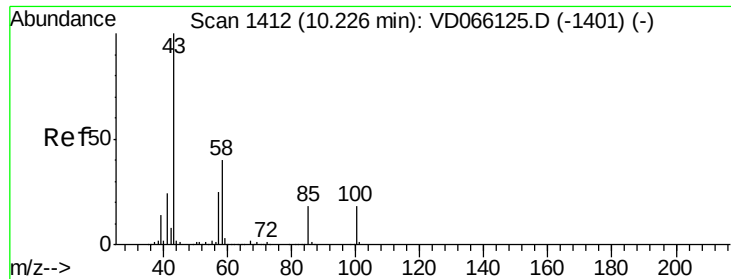
MMDadoda
8/10/2020 12:24:10 PM



#50
Toluene-d8
Concen: 55.516 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion: 98 Resp: 590654
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8





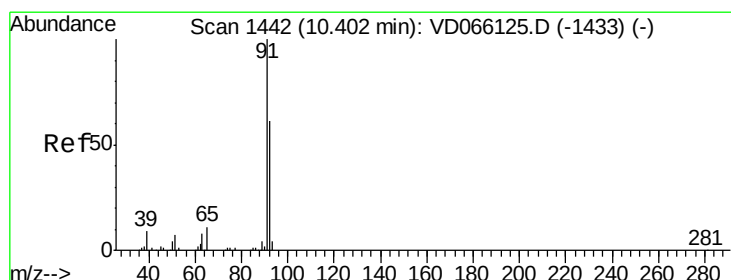
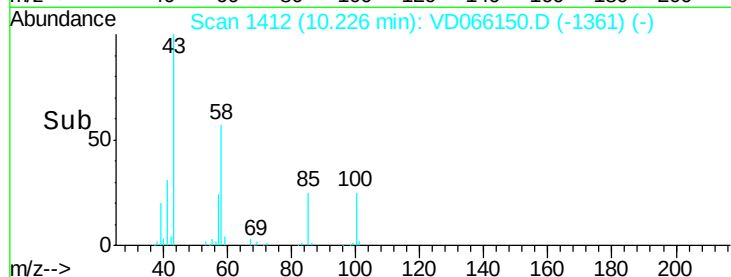
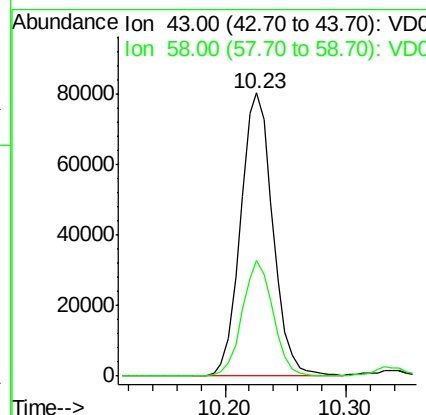
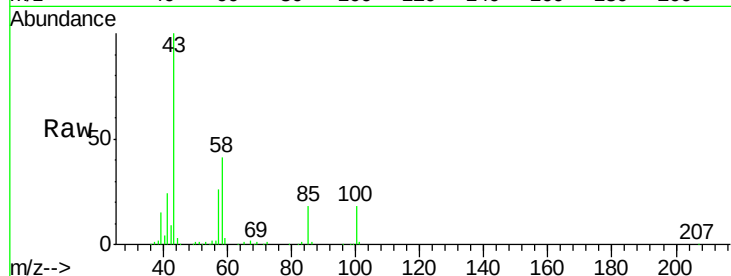
#51
4-Methyl-2-Pentanone
Concen: 87.115 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	43	Resp	149395
Ion Ratio	100	Lower	Upper
43	100		
58	39.2	31.1	46.7

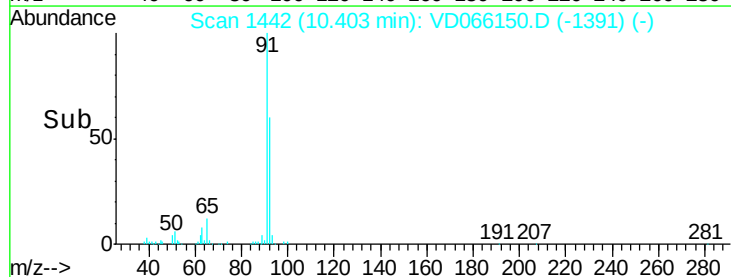
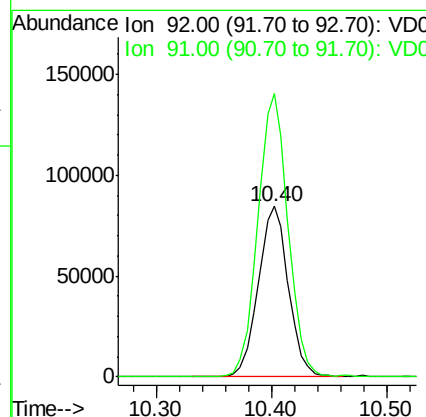
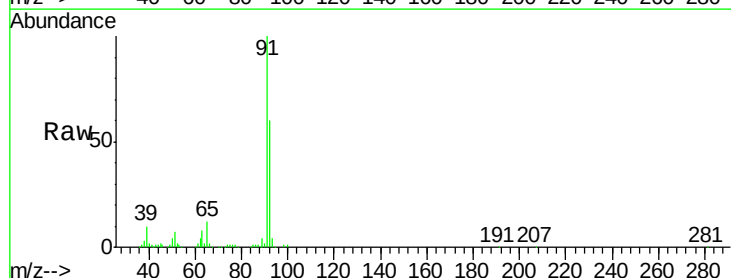
Manual Integrations
APPROVED

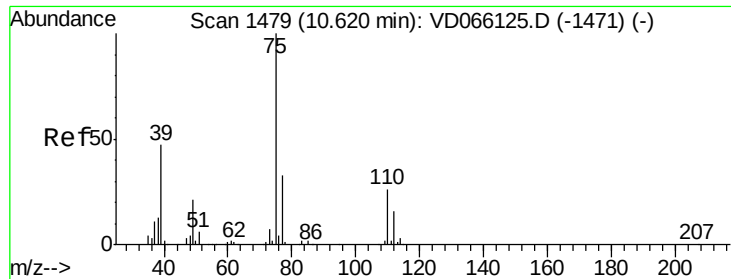
MMDadoda
8/10/2020 12:24:10 PM



#52
Toluene
Concen: 19.725 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	92	Resp	153985
Ion Ratio	100	Lower	Upper
92	100		
91	165.8	135.2	202.8





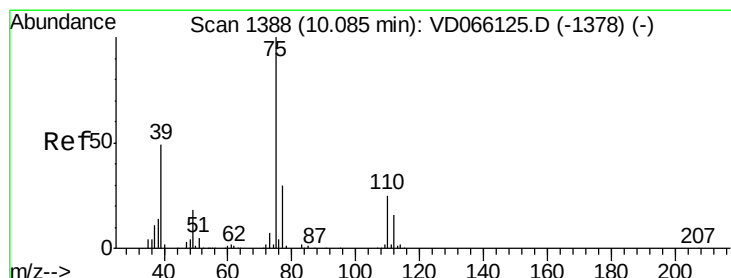
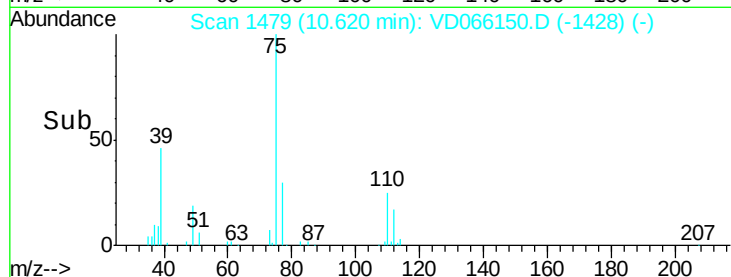
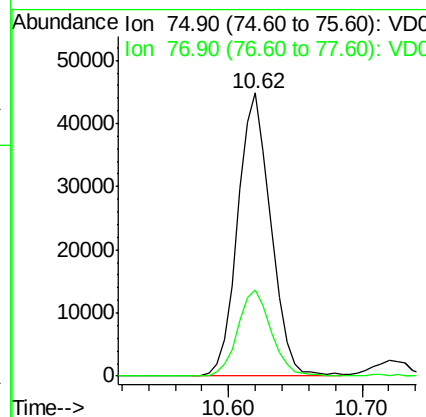
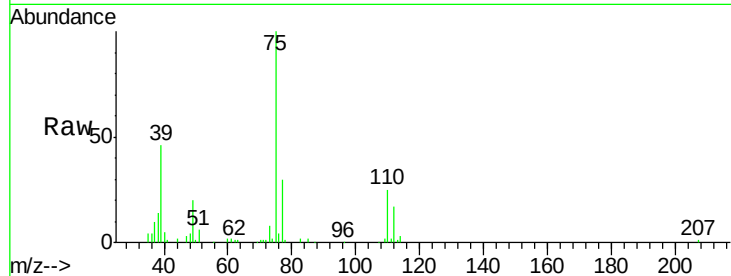
#53
 t-1,3-Dichloropropene
 Concen: 19.195 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.2	39.2

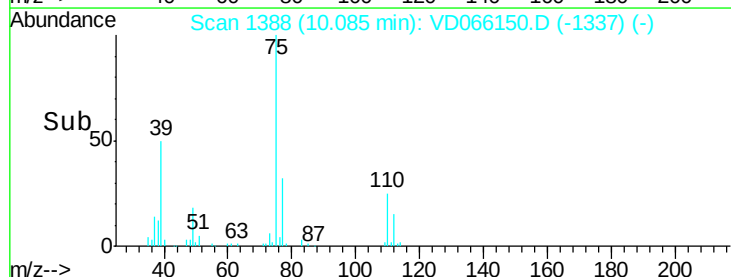
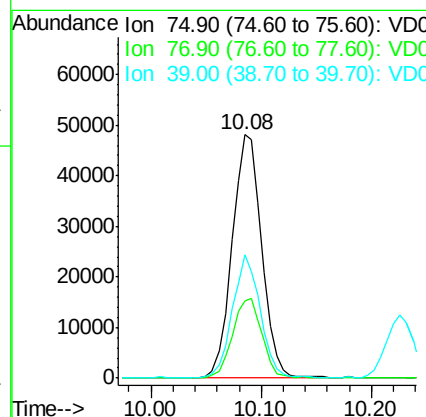
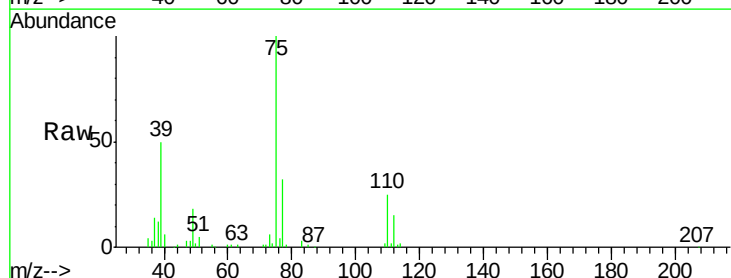
Manual Integrations
 APPROVED

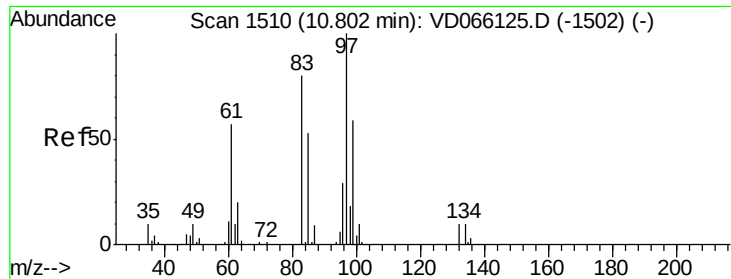
MMDadoda
 8/10/2020 12:24:10 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.222 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.3	36.5
39	50.5	39.3	58.9





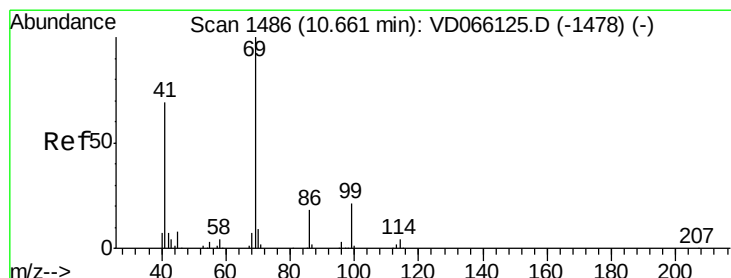
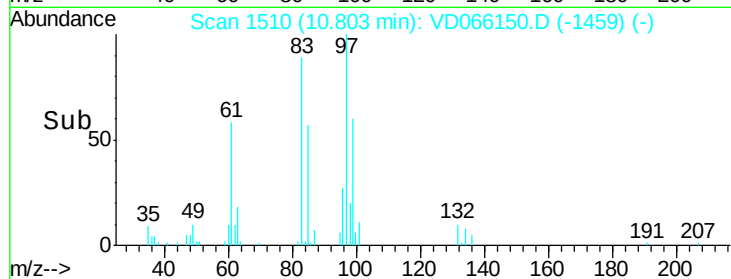
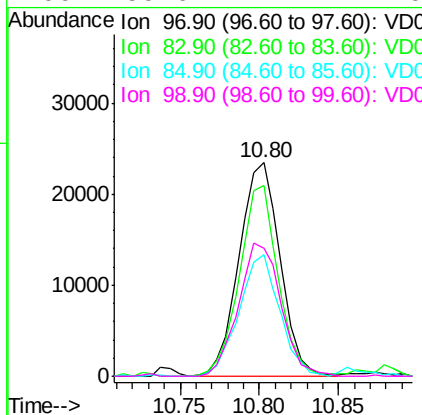
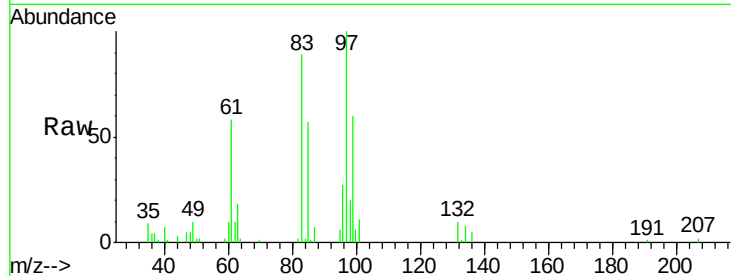
#55
 1,1,2-Trichloroethane
 Concen: 18.332 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion:	97	Resp:	42190
Ion	Ratio	Lower	Upper
97	100		
83	89.0	63.9	95.9
85	56.7	42.5	63.7
99	59.6	47.4	71.0

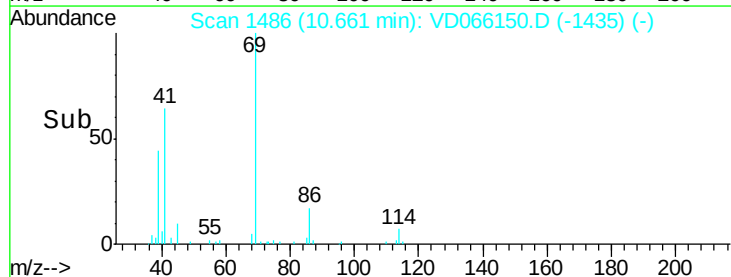
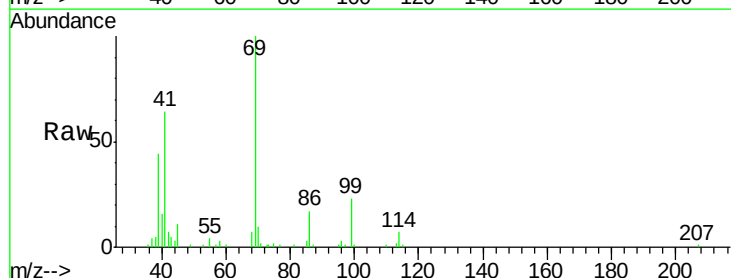
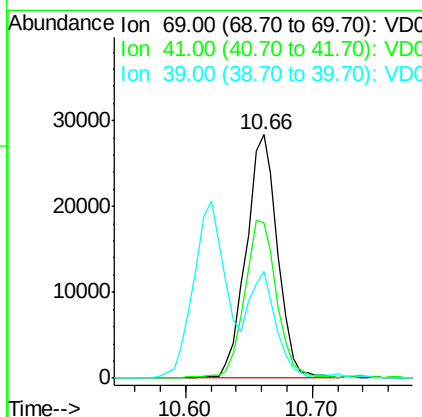
Manual Integrations
 APPROVED

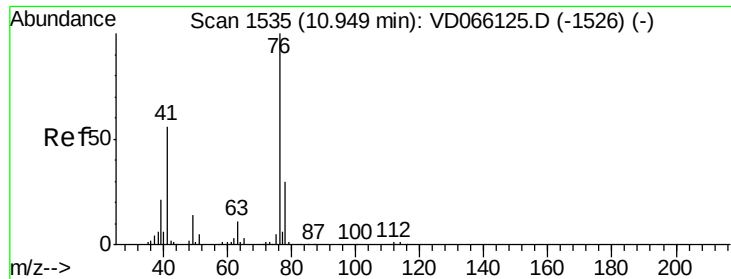
MMDadoda
 8/10/2020 12:24:10 PM



#56
 Ethyl methacrylate
 Concen: 17.663 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion:	69	Resp:	48832
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.1	81.1
39	35.9	28.6	43.0





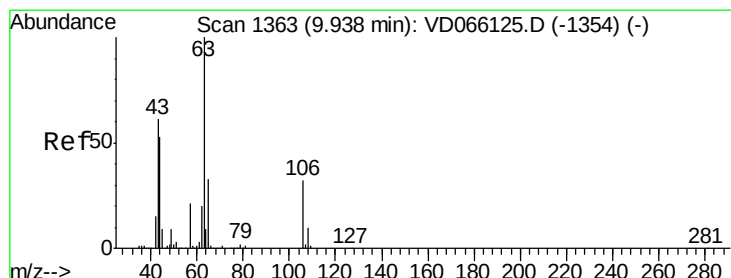
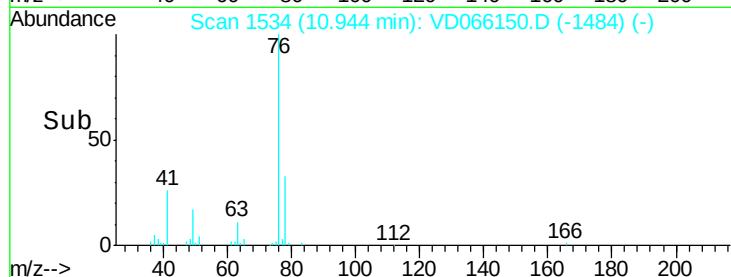
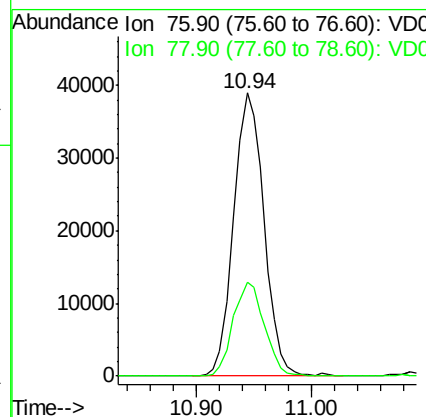
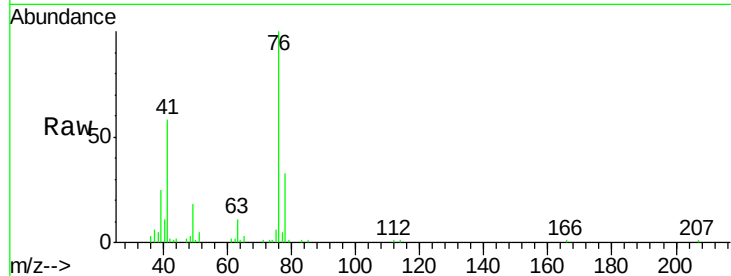
#57
 1,3-Dichloropropane
 Concen: 18.598 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion: 76 Resp: 71056
 Ion Ratio Lower Upper
 76 100
 78 34.0 25.5 38.3

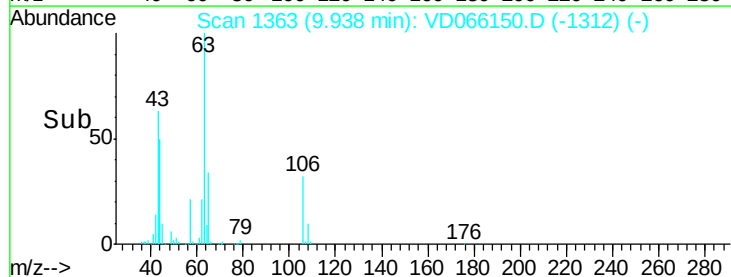
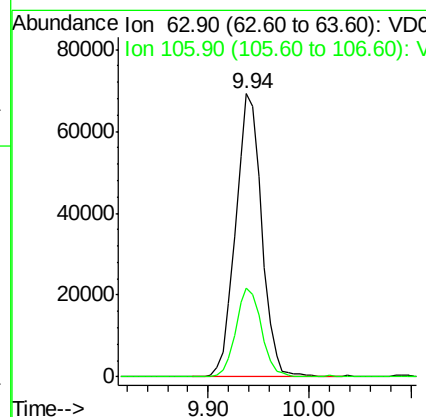
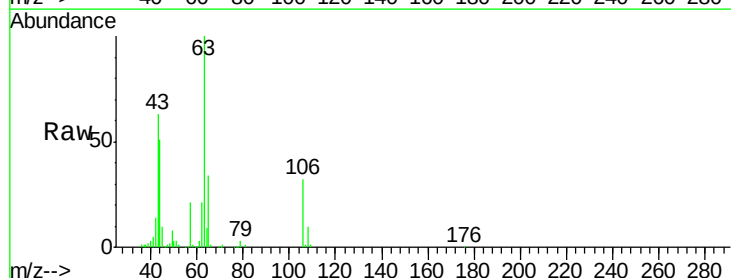
Manual Integrations
 APPROVED

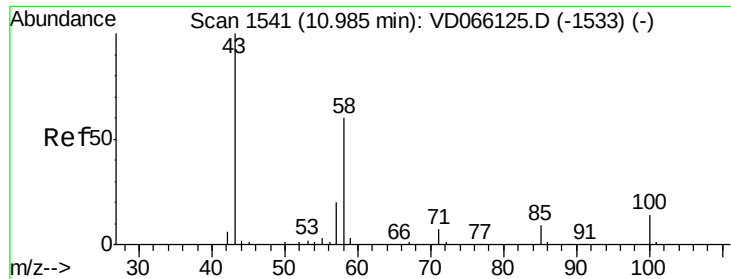
MMDadoda
 8/10/2020 12:24:10 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.449 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion: 63 Resp: 123674
 Ion Ratio Lower Upper
 63 100
 106 30.8 25.3 37.9





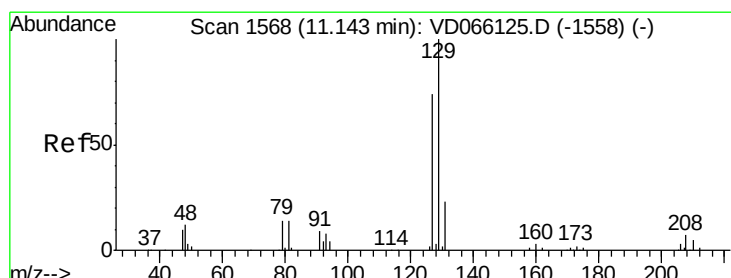
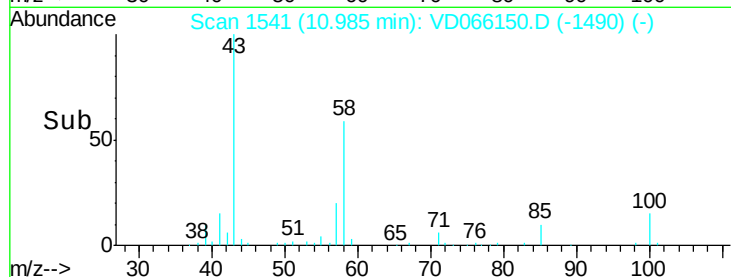
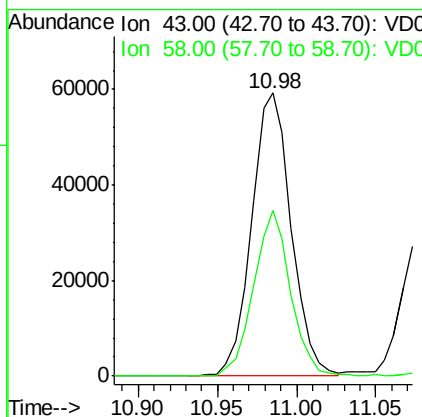
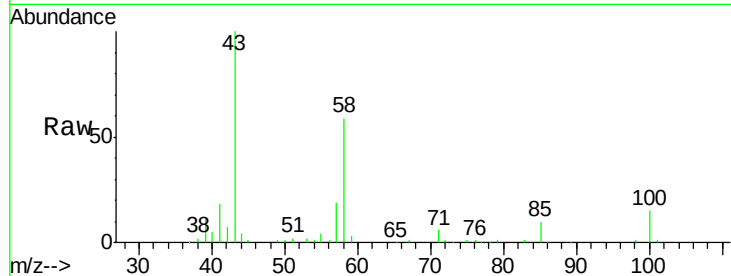
#59
2-Hexanone
Concen: 85.285 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion: 43 Resp: 102646
Ion Ratio Lower Upper
43 100
58 54.8 27.8 83.4

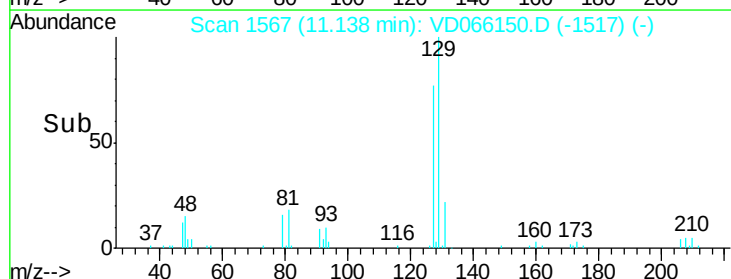
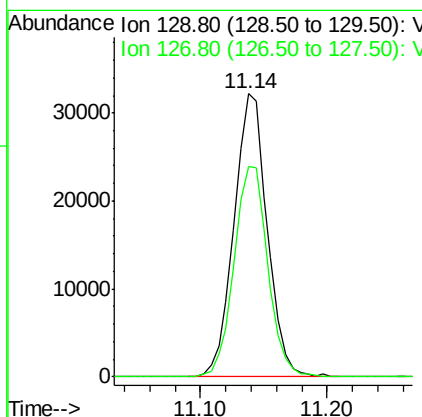
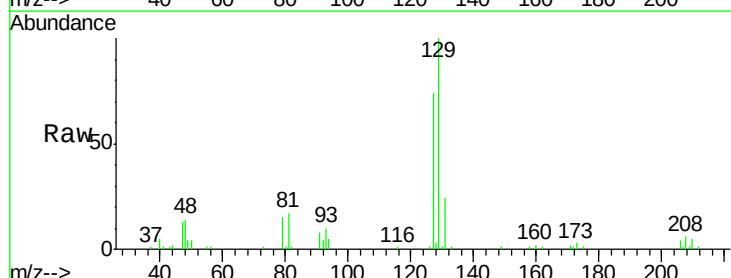
Manual Integrations
APPROVED

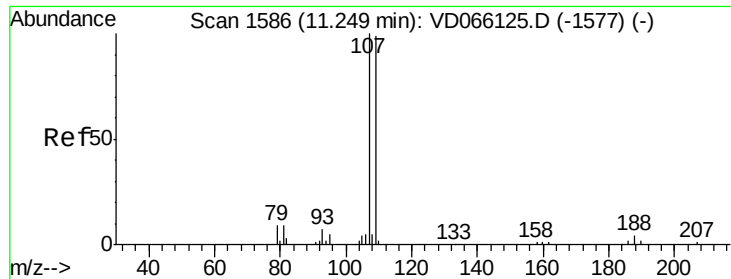
MMDadoda
8/10/2020 12:24:10 PM



#60
Dibromochloromethane
Concen: 18.293 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion: 129 Resp: 58123
Ion Ratio Lower Upper
129 100
127 75.7 38.0 114.1





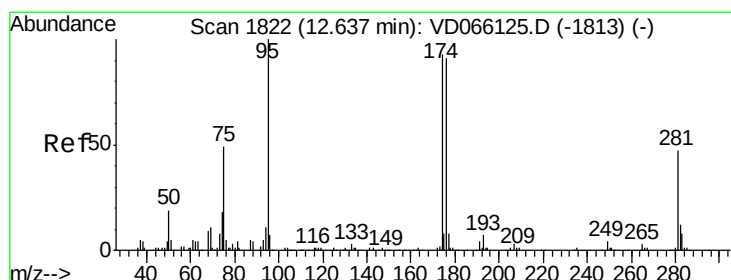
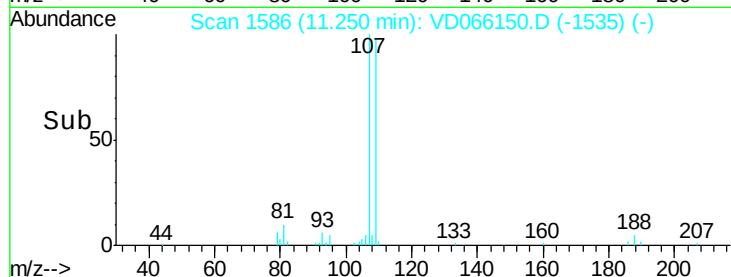
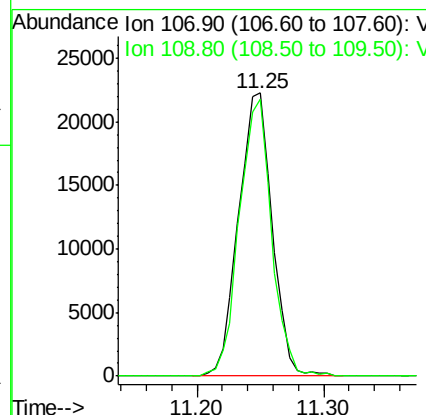
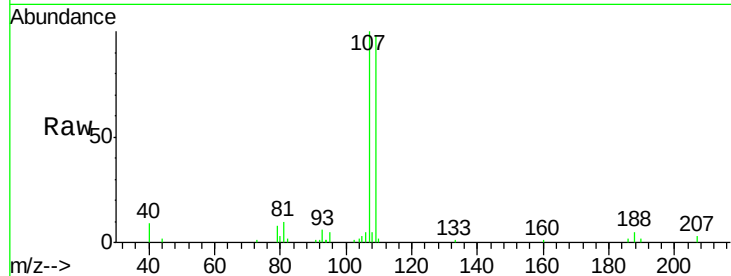
#61
 1,2-Dibromoethane
 Concen: 18.519 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion: 107 Resp: 40988
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.5 114.7

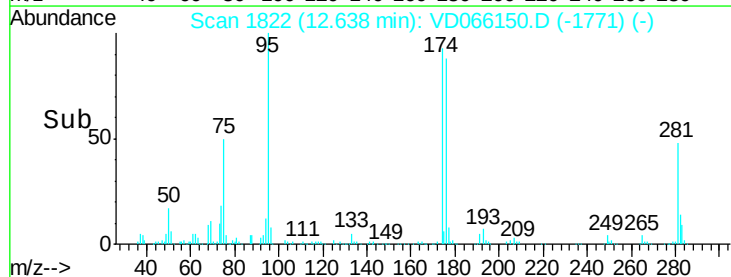
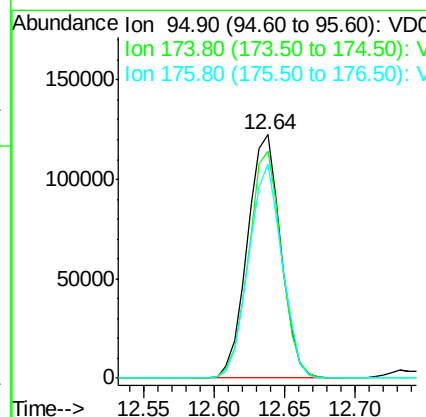
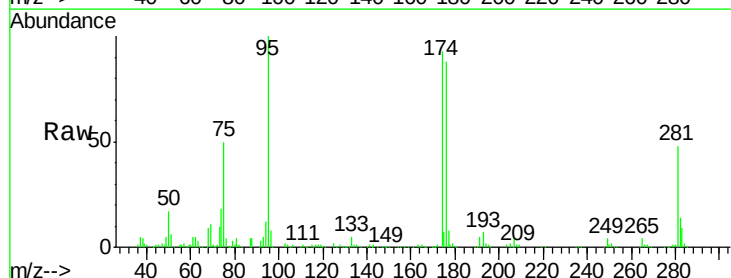
Manual Integrations
 APPROVED

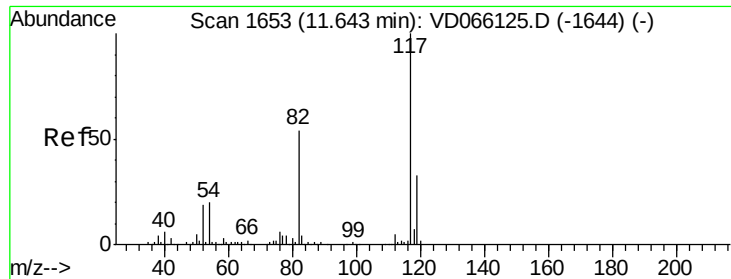
MMDadoda
 8/10/2020 12:24:10 PM



#62
 4-Bromofluorobenzene
 Concen: 53.102 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion: 95 Resp: 203651
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 180.8
 176 87.2 0.0 181.2





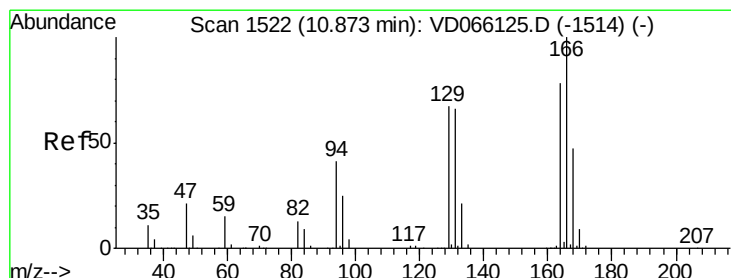
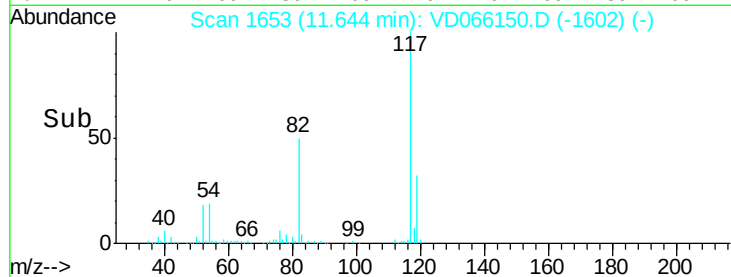
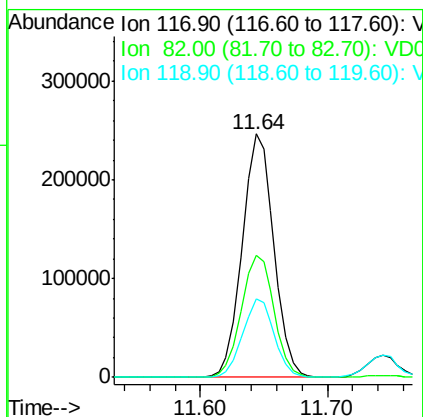
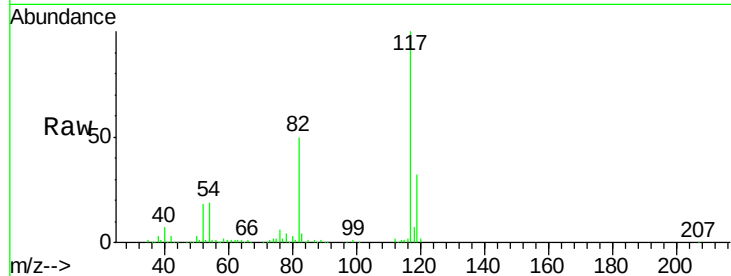
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	426131		
82	50.2	43.0	64.4	
119	32.5	26.1	39.1	

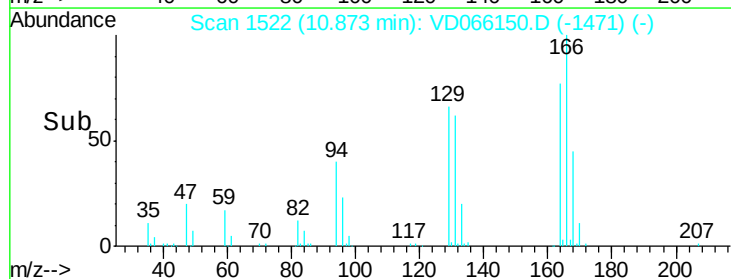
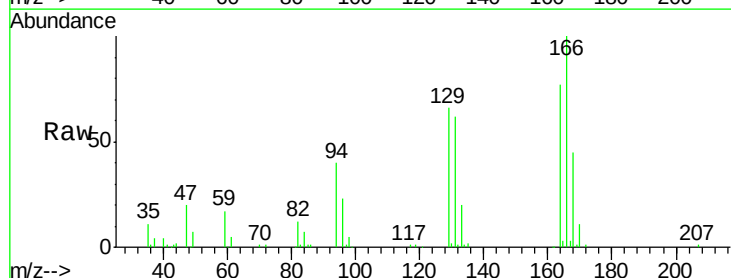
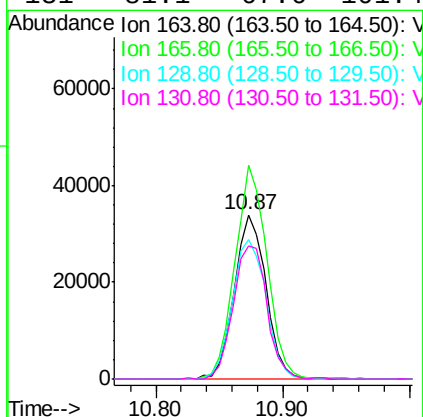
Manual Integrations
APPROVED

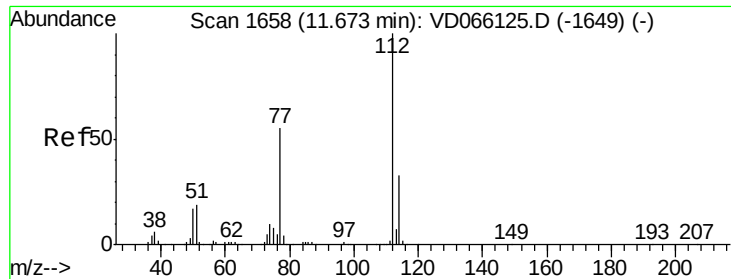
MMDadoda
8/10/2020 12:24:10 PM



#64
Tetrachloroethene
Concen: 17.950 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58737		
166	130.1	101.9	152.9	
129	85.3	68.1	102.1	
131	81.1	67.6	101.4	





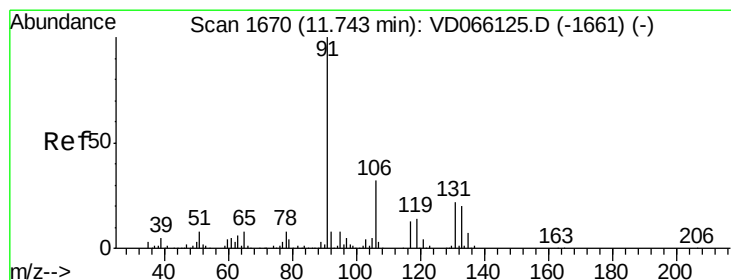
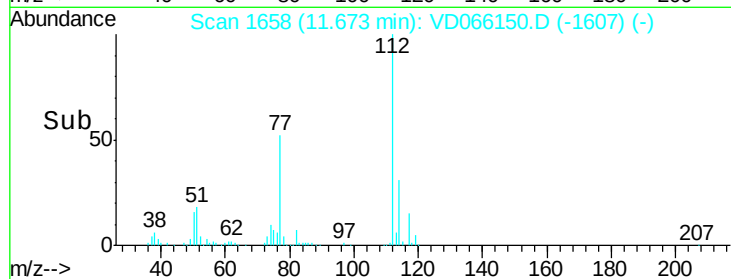
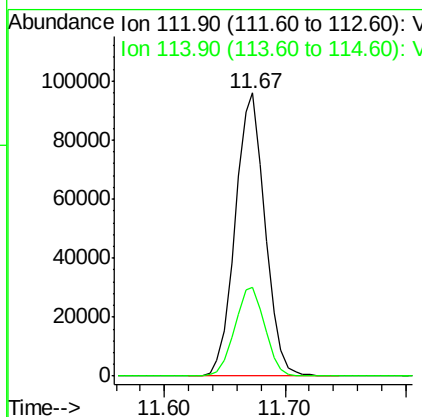
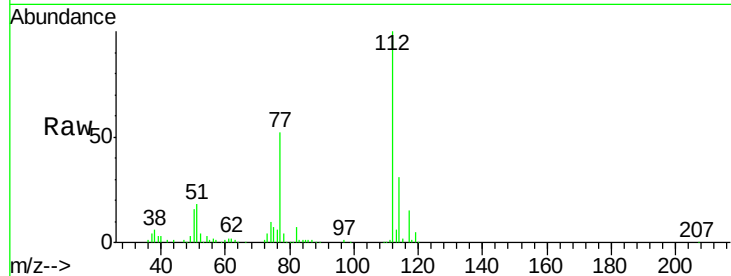
#65
Chlorobenzene
Concen: 19.041 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	164715		
114	31.2	26.1	39.1	

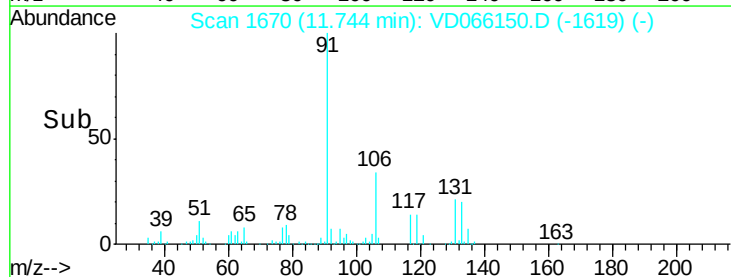
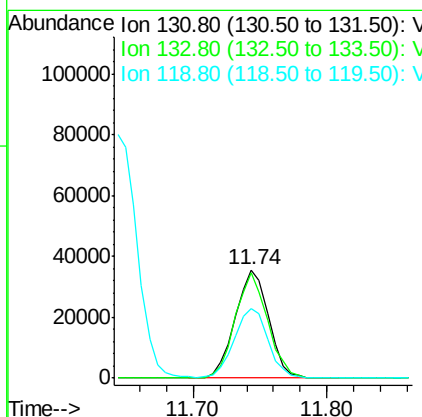
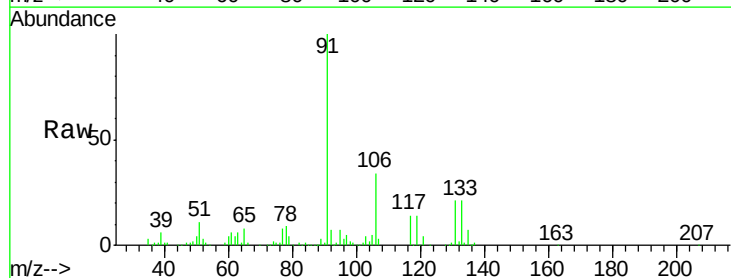
Manual Integrations
APPROVED

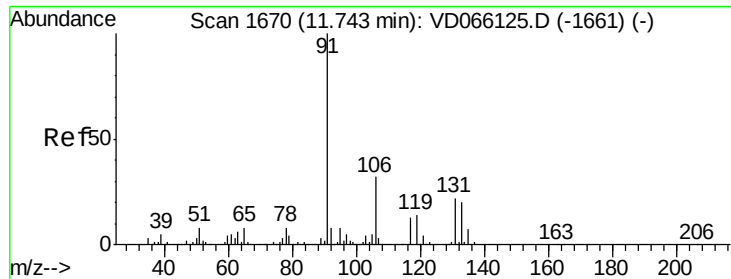
MMDadoda
8/10/2020 12:24:10 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.191 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	61571		
133	95.2	47.1	141.4	
119	65.3	31.6	94.7	





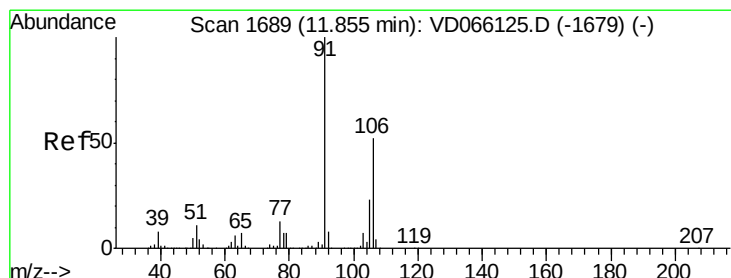
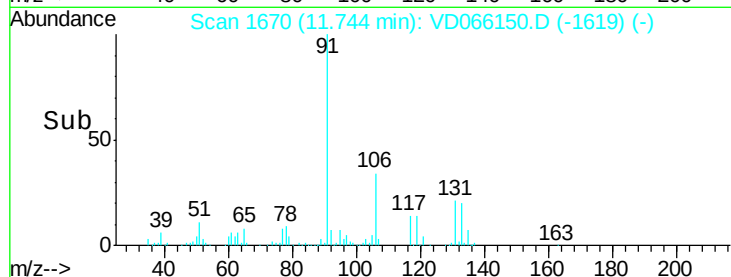
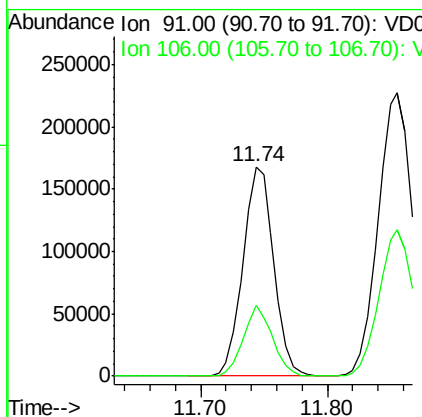
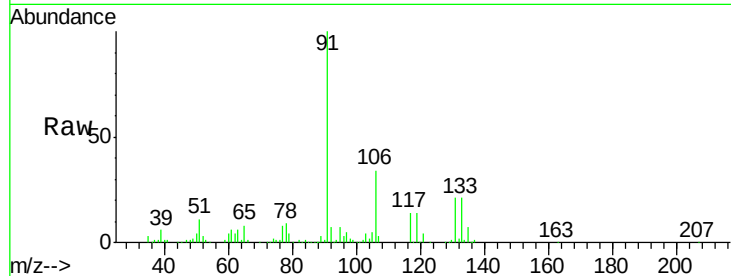
#67
Ethyl Benzene
Concen: 18.833 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	91	Resp	282313
Ion Ratio	100	Lower	Upper
106	34.2	25.7	38.5

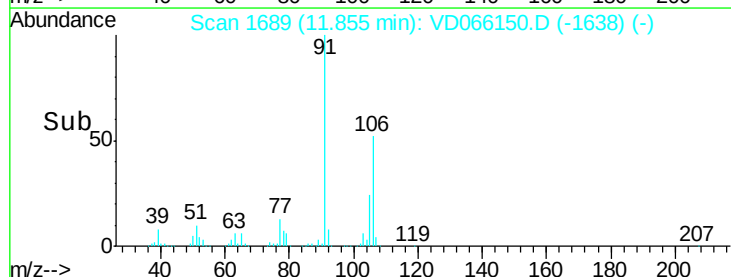
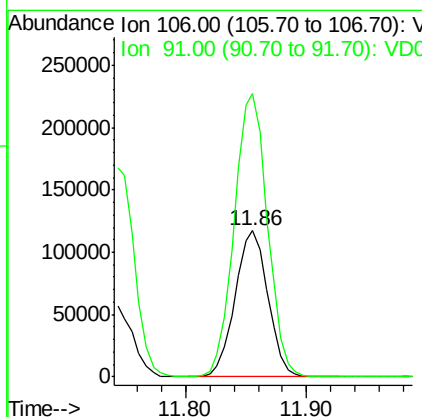
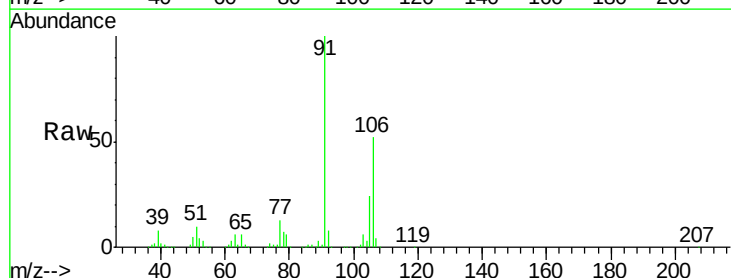
Manual Integrations
APPROVED

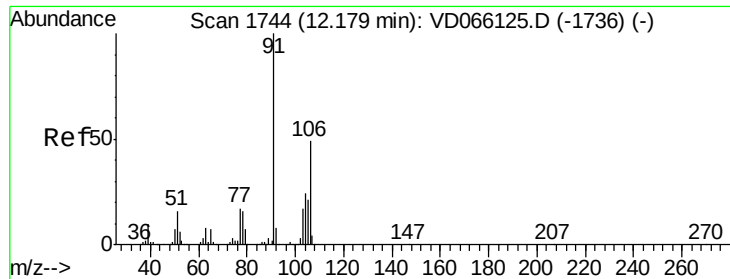
MMDadoda
8/10/2020 12:24:10 PM



#68
m/p-Xylenes
Concen: 38.279 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	106	Resp	222325
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	196.0	156.6	235.0





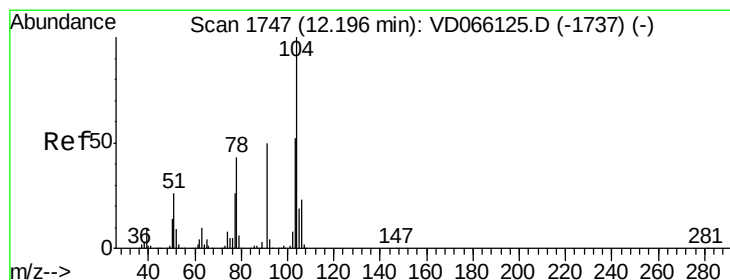
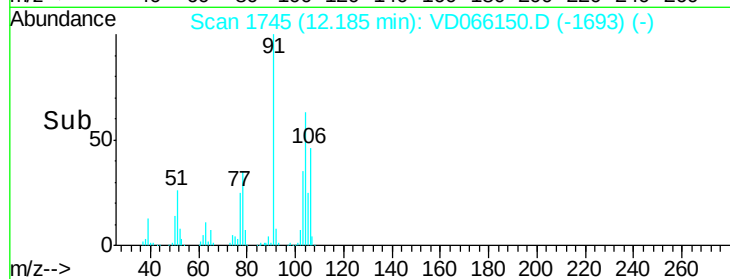
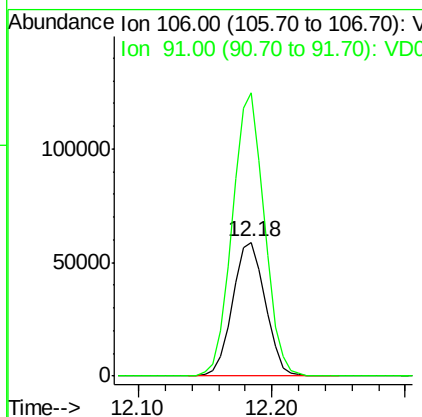
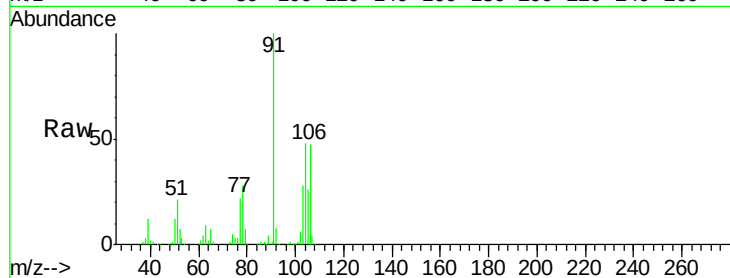
#69
o-Xylene
Concen: 18.948 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	100110		
91	207.1	105.7	317.1		

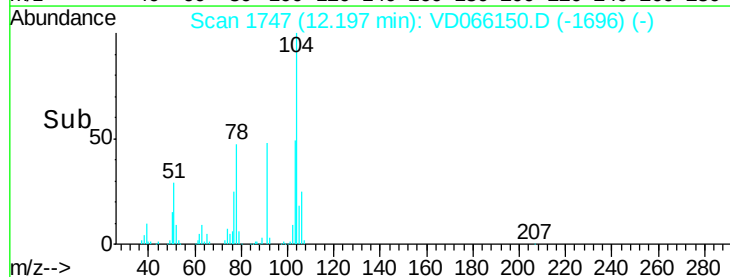
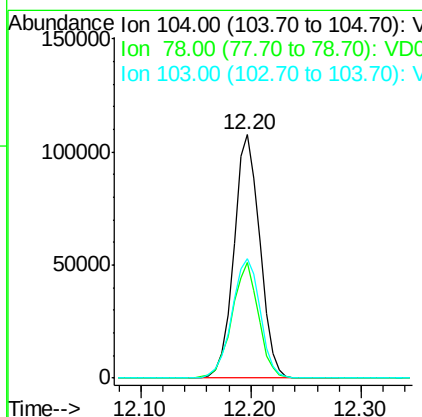
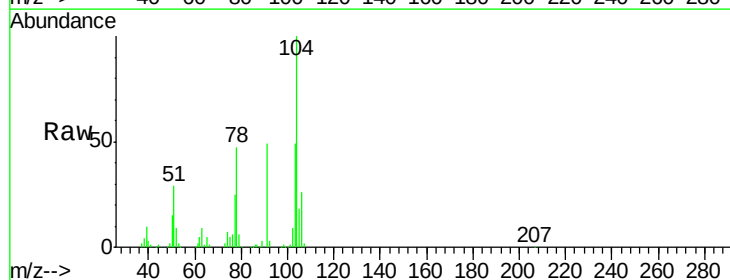
Manual Integrations
APPROVED

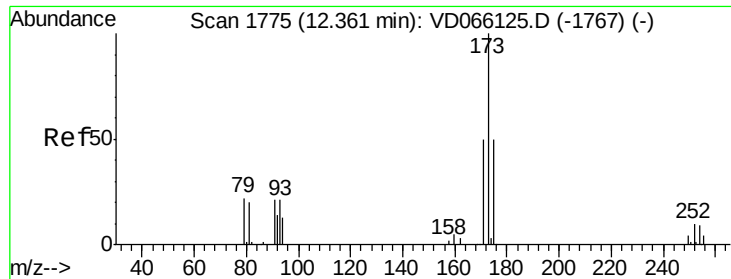
MMDadoda
8/10/2020 12:24:10 PM



#70
Styrene
Concen: 19.170 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	177499		
78	48.6	38.6	58.0		
103	53.7	44.1	66.1		





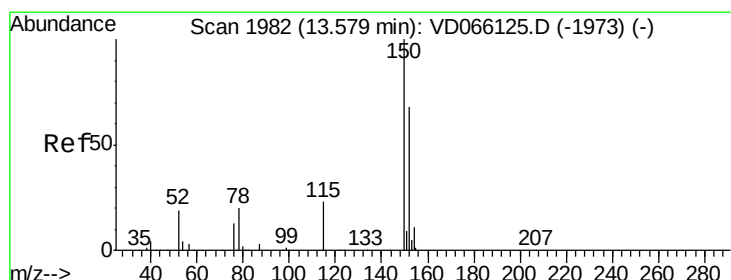
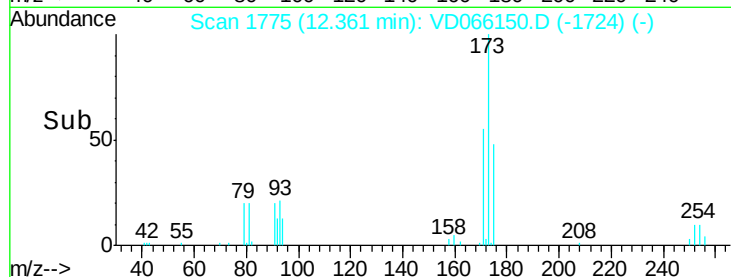
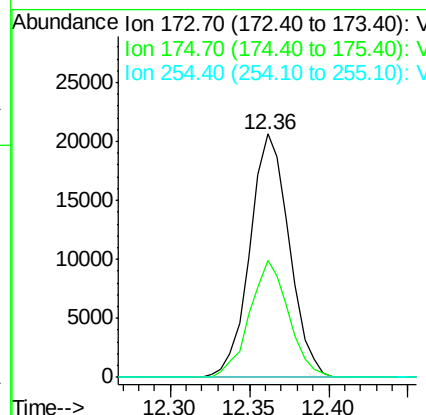
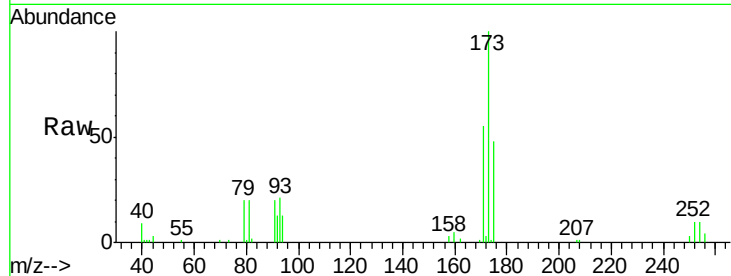
#71
Bromoform
Concen: 17.743 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.6	73.6
254	0.0	0.2	0.2

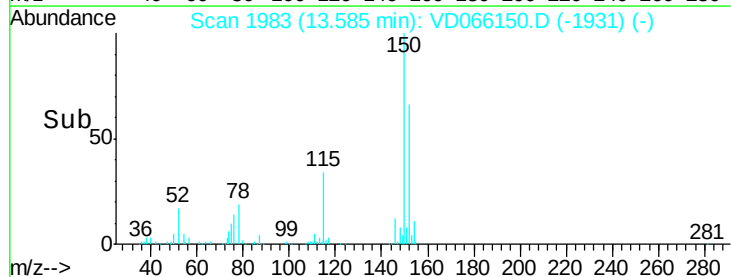
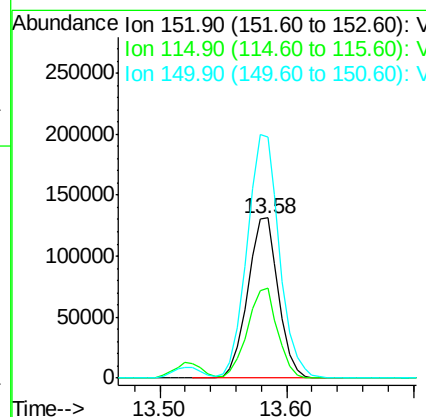
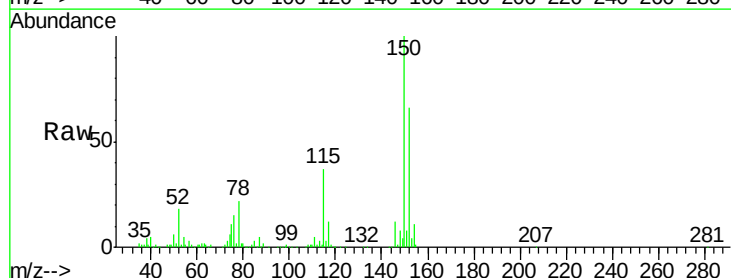
Manual Integrations
APPROVED

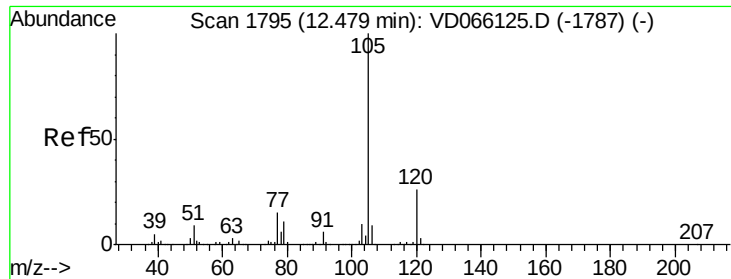
MMDadoda
8/10/2020 12:24:10 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.0	83.9
150	160.1	0.0	346.4





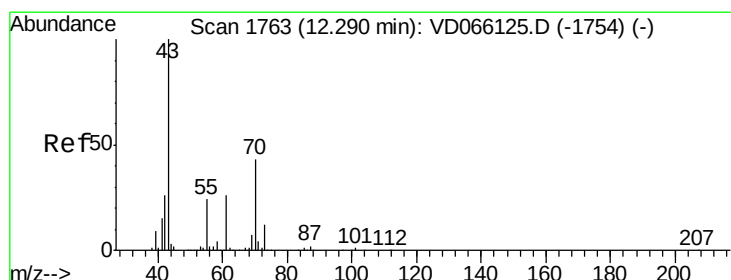
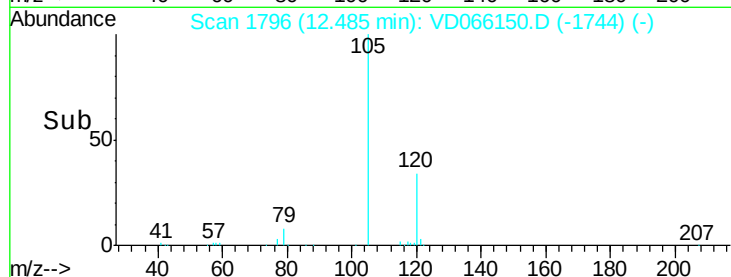
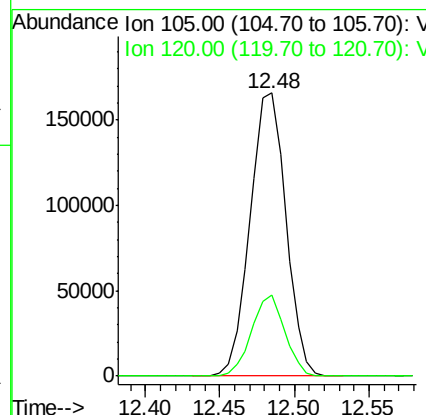
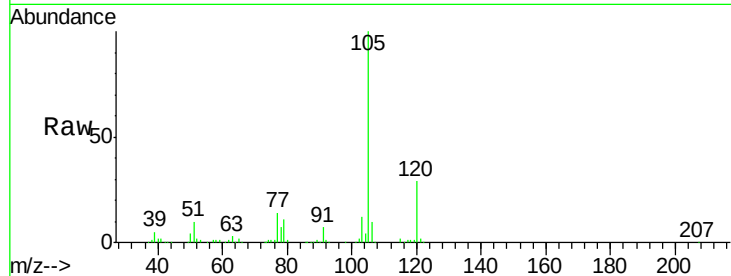
#73
Isopropylbenzene
Concen: 18.740 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.9

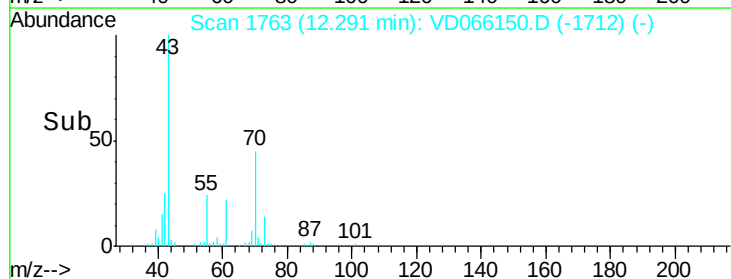
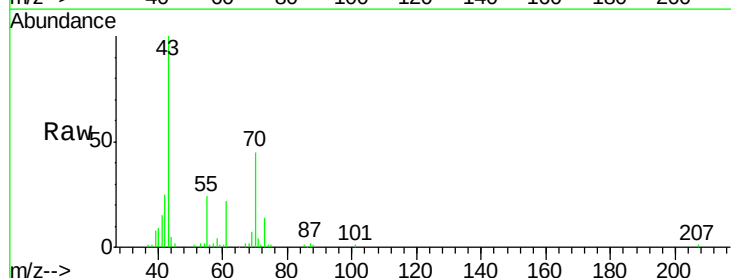
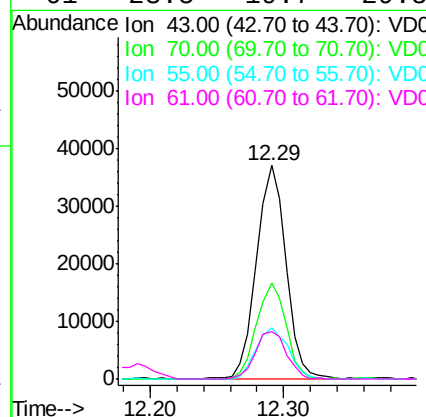
Manual Integrations
APPROVED

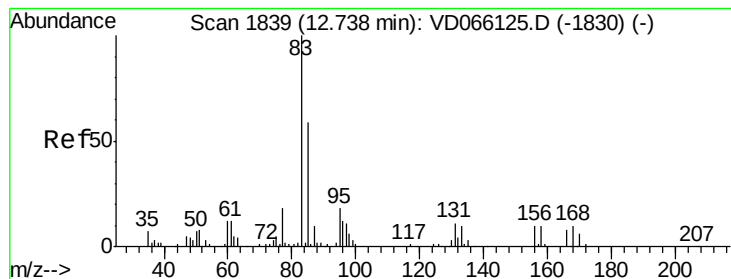
MMDadoda
8/10/2020 12:24:10 PM



#74
N-ethyl acetate
Concen: 17.510 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.7	34.9	52.3
55	26.1	19.2	28.8
61	23.5	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 17.778 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

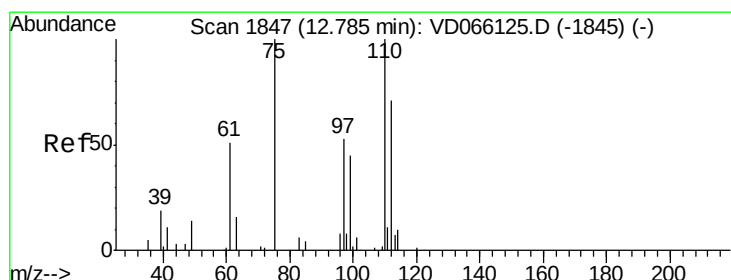
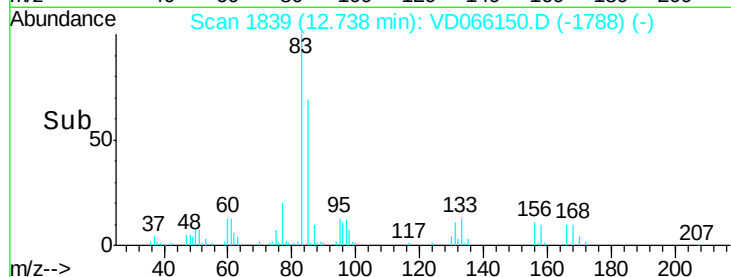
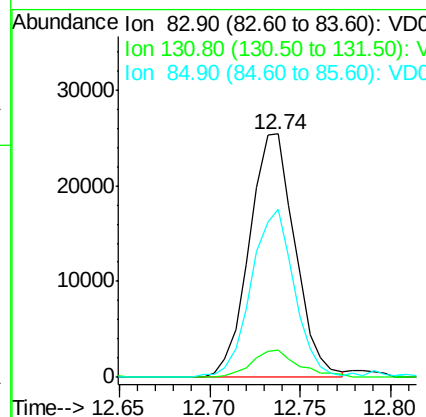
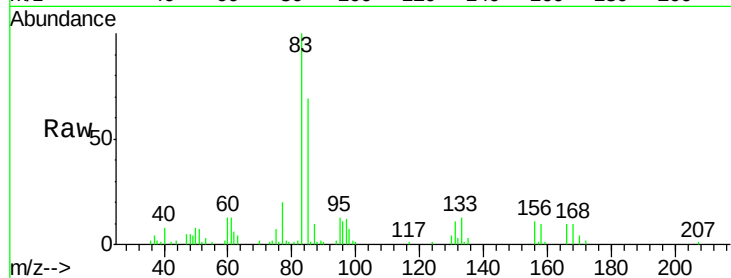
ClientSampleId :

VD0807SBS01

Tot Ion:	83	Resp:	44519
Ion Ratio	Lower	Upper	
83	100		
131	11.6	6.2	18.6
85	65.2	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM



#76

1,2,3-Trichloropropane

Concen: 17.392 ug/l m

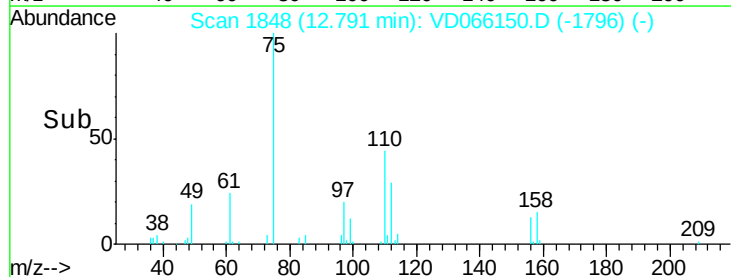
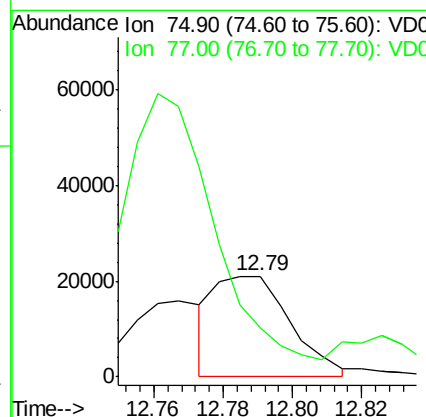
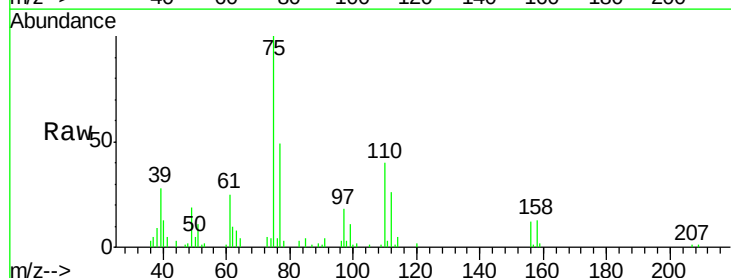
RT: 12.79 min Scan# 1848

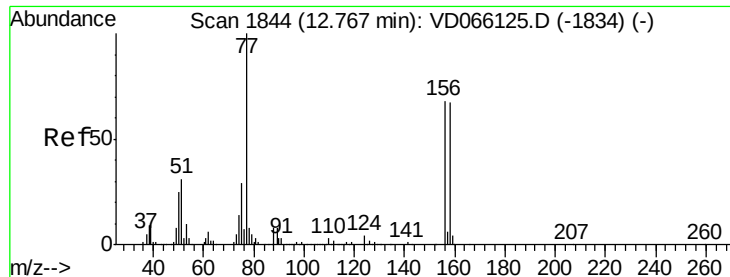
Delta R.T. 0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion:	75	Resp:	31908
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.582 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

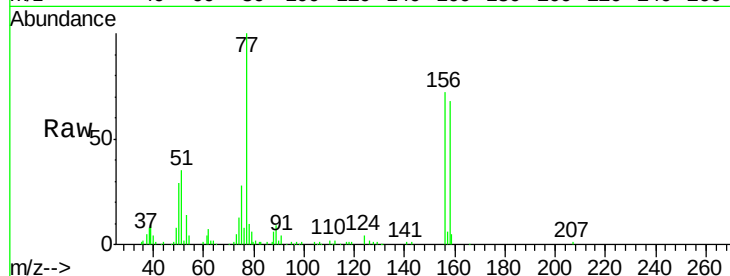
ClientSampleId :

VD0807SBS01

Tot Ion:	156	Resp:	70248
Ion	Ratio	Lower	Upper
156	100		
77	163.7	81.0	243.1
158	96.3	48.8	146.3

Manual Integrations
APPROVED

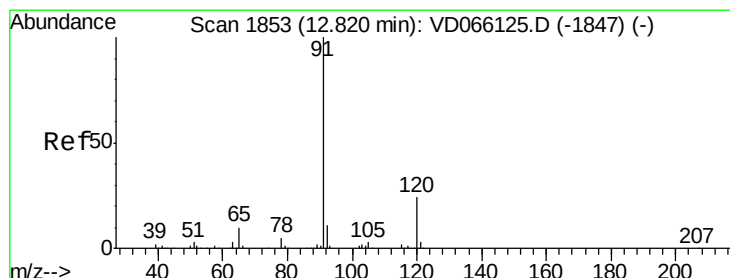
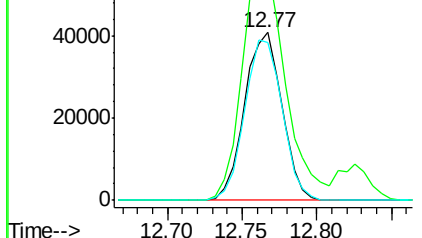
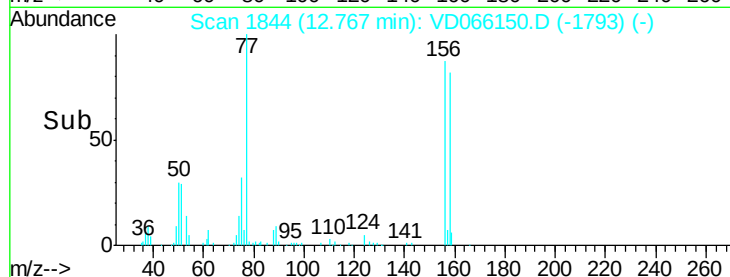
MMDadoda
8/10/2020 12:24:10 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.956 ug/l

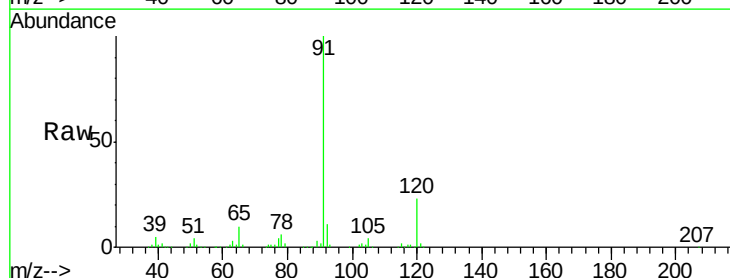
RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066150.D

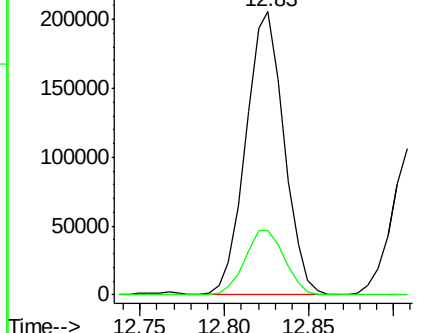
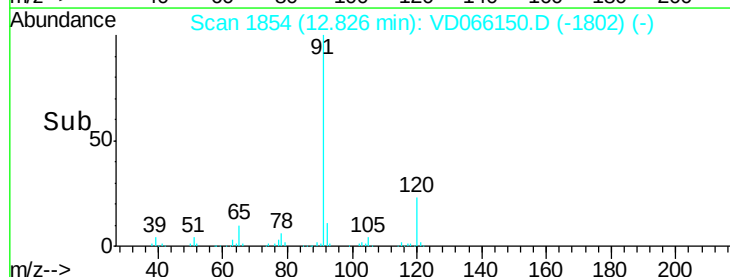
Acq: 07 Aug 2020 11:45

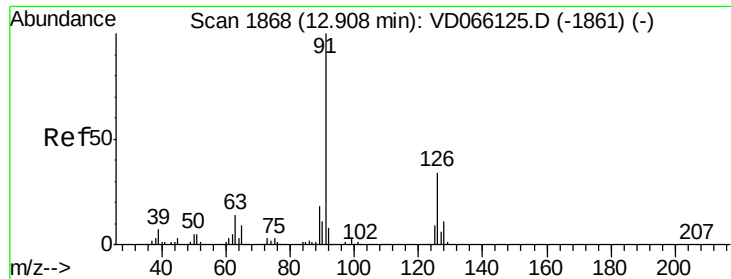
Tgt Ion:	91	Resp:	323596
Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





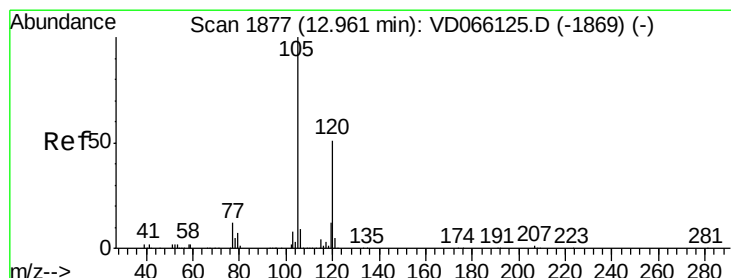
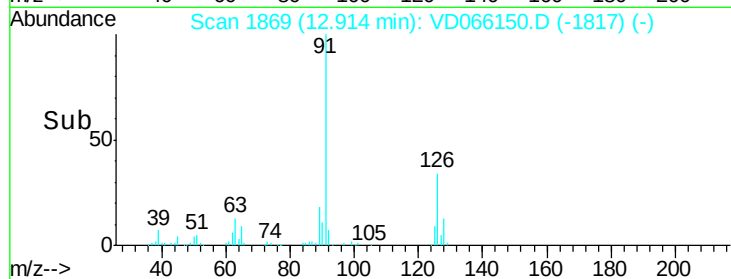
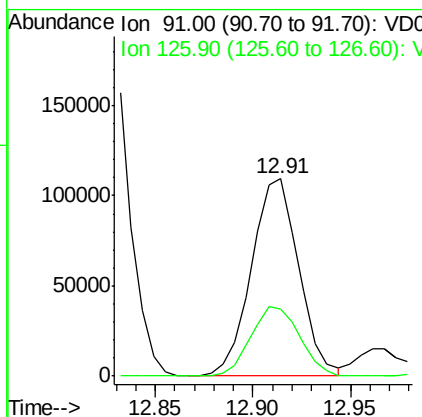
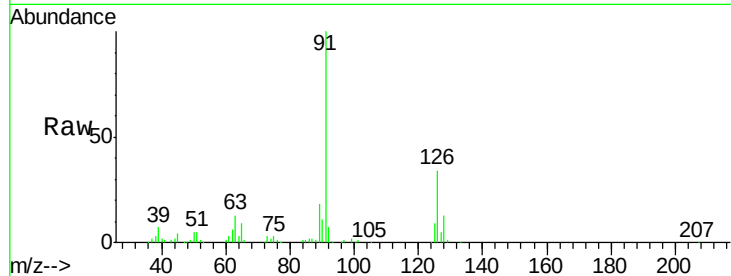
#79
 2-Chlorotoluene
 Concen: 18.888 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.5	52.6

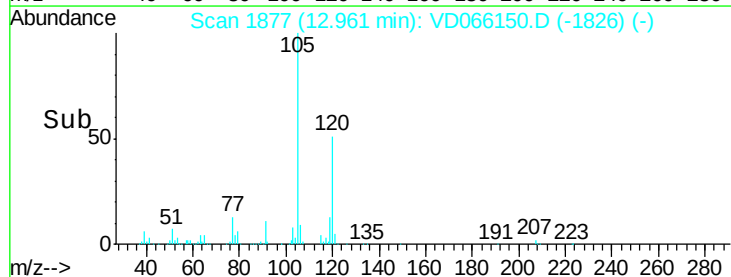
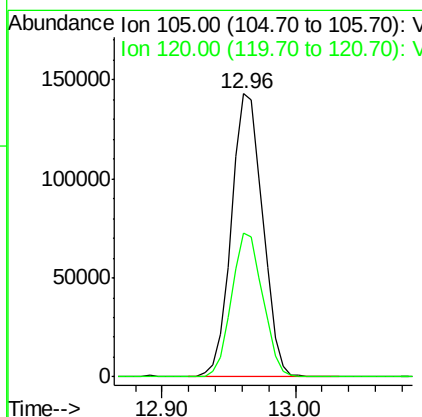
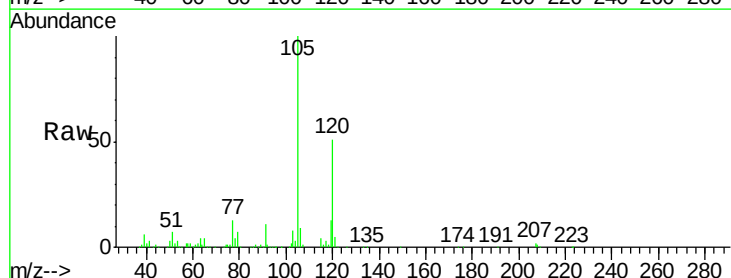
Manual Integrations
 APPROVED

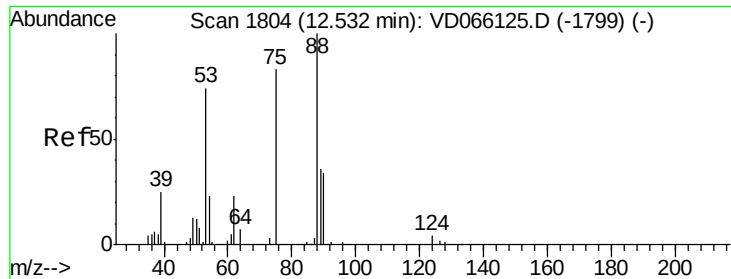
MMDadoda
 8/10/2020 12:24:10 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.044 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.5	25.3	75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.238 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

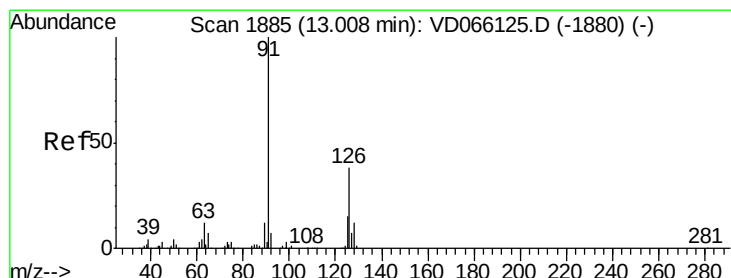
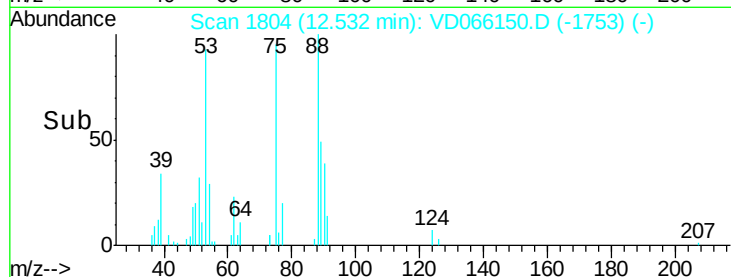
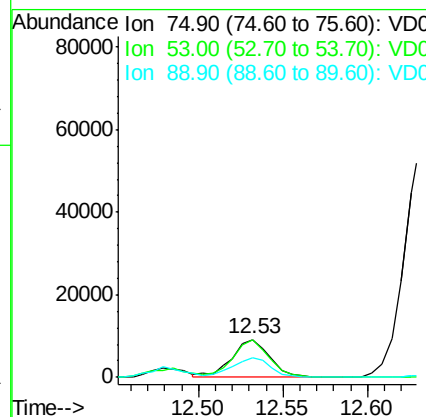
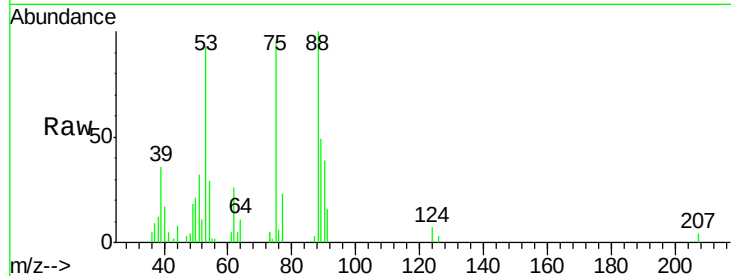
ClientSampleId :

VD0807SBS01

Tot Ion:	75	Resp:	14307
Ion	Ratio	Lower	Upper
75	100		
53	94.0	73.4	110.2
89	51.8	36.6	55.0

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM



#82

4-Chlorotoluene

Concen: 19.089 ug/l

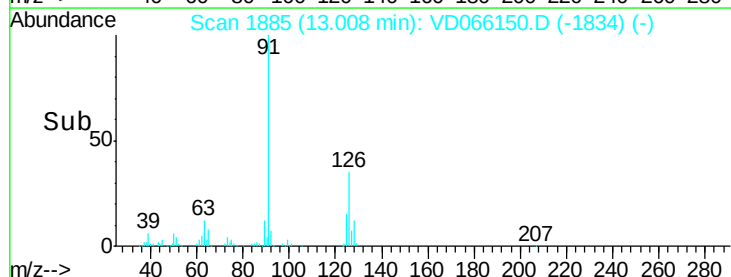
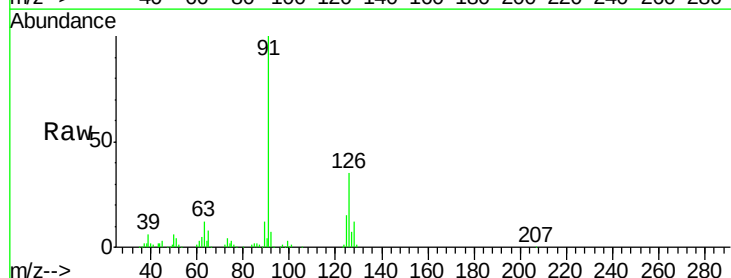
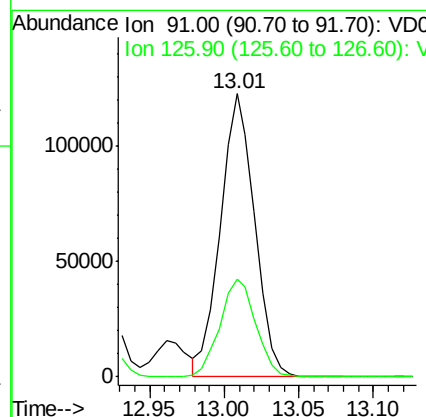
RT: 13.01 min Scan# 1885

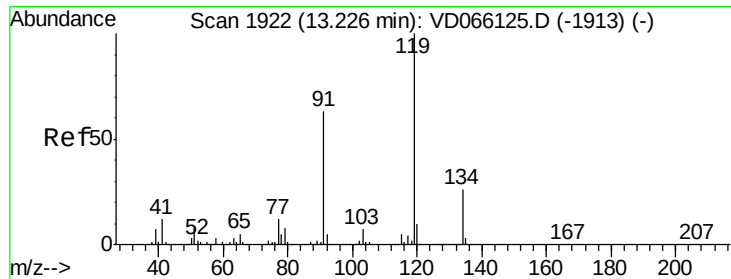
Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion:	91	Resp:	196747
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.8	53.3





#83

tert-Butylbenzene

Concen: 18.531 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

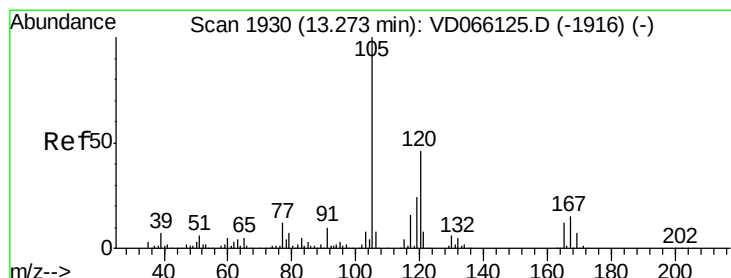
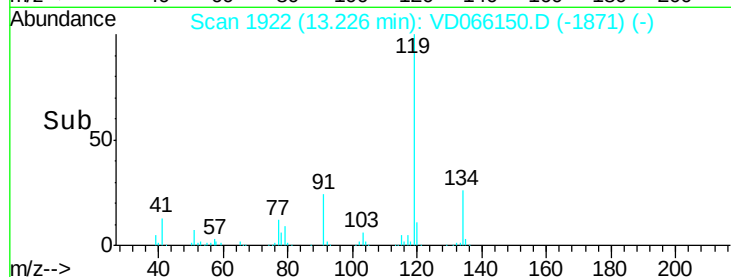
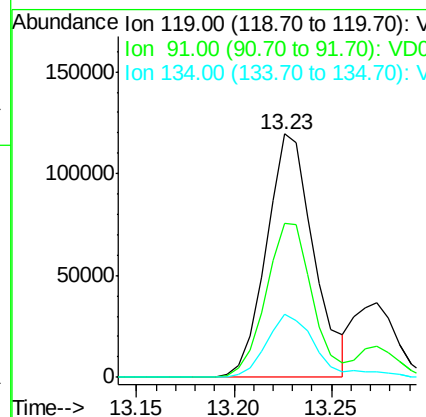
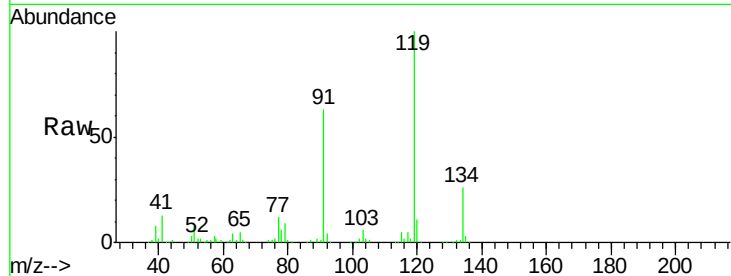
ClientSampleId :

VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	200152		
91	62.1		30.8	92.4
134	27.7		13.6	40.8

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM



#84

1,2,4-Trimethylbenzene

Concen: 18.747 ug/l

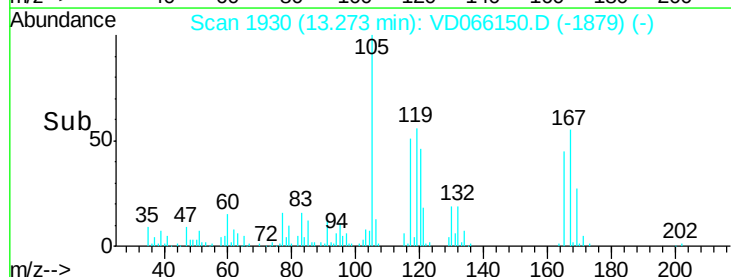
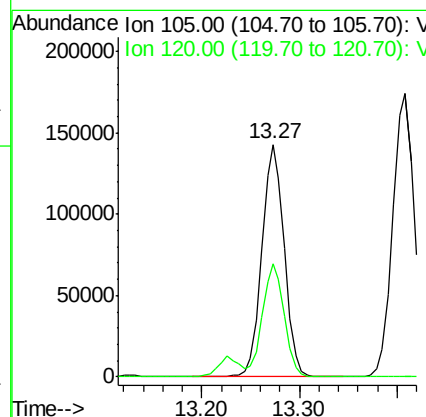
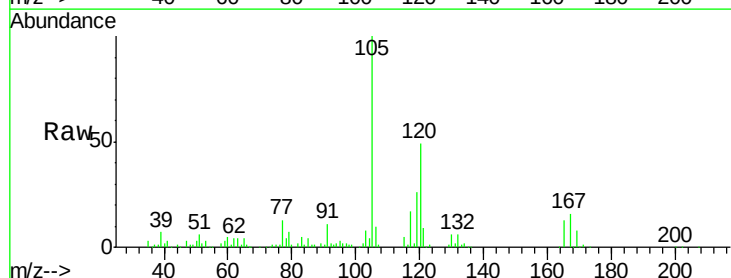
RT: 13.27 min Scan# 1930

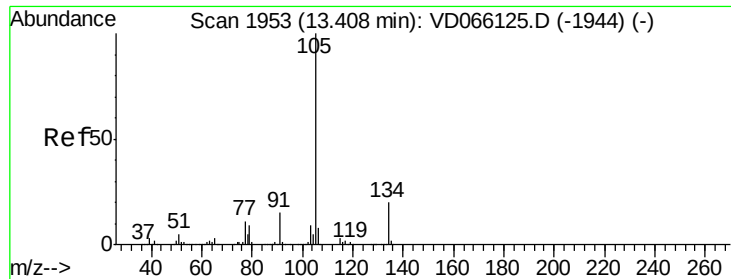
Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	230427		
120	47.4		23.1	69.2





#85

sec-Butylbenzene

Concen: 18.664 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion:105 Resp: 272166

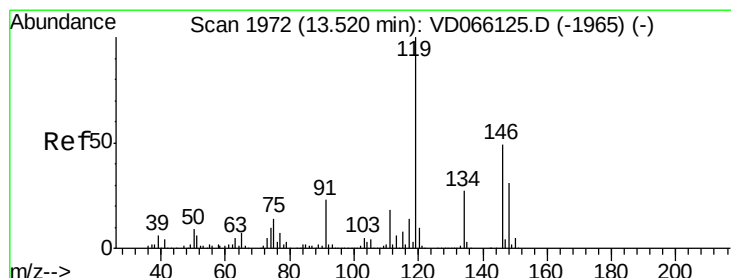
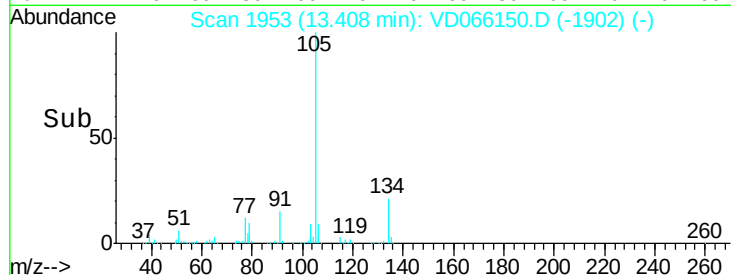
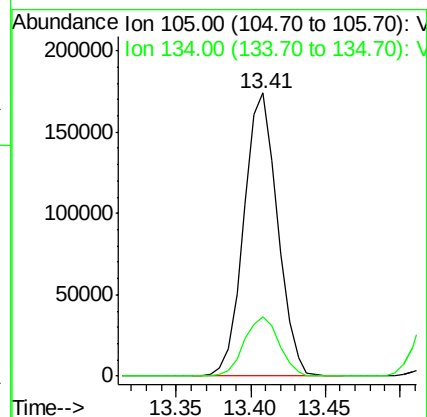
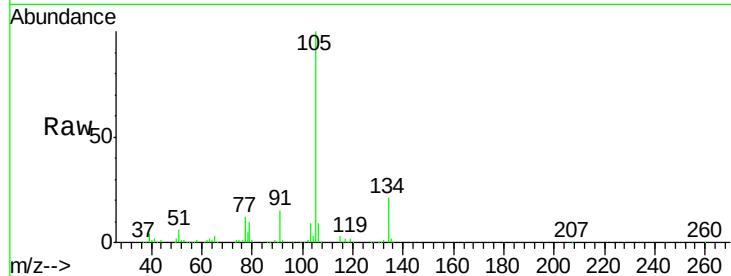
Ion Ratio Lower Upper

105 100

134 21.6 10.4 31.4

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM



#86

p-Isopropyltoluene

Concen: 18.775 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

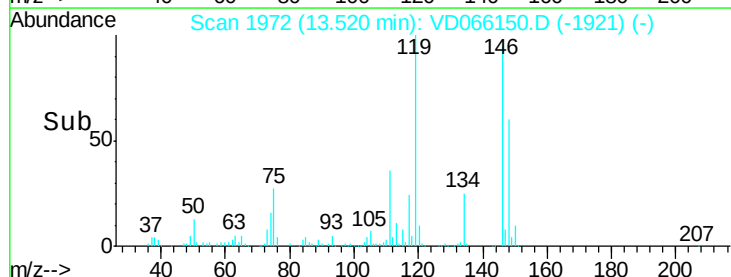
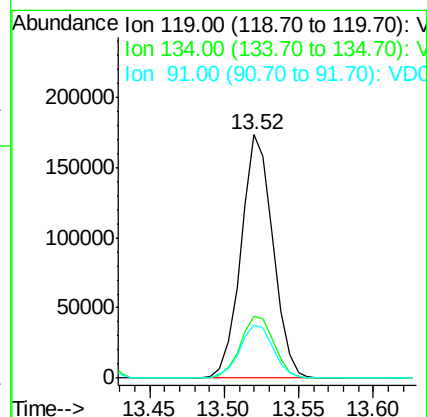
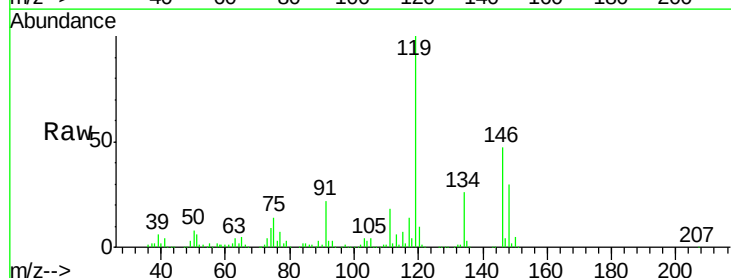
Tgt Ion:119 Resp: 256790

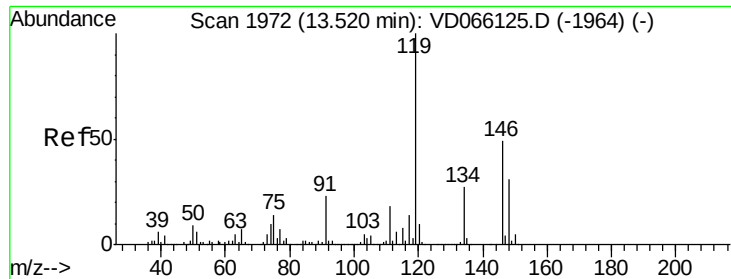
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.8 11.2 33.5





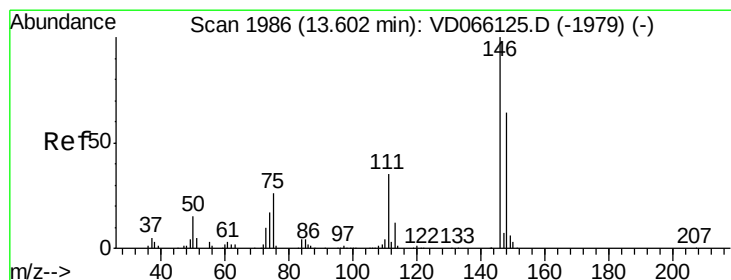
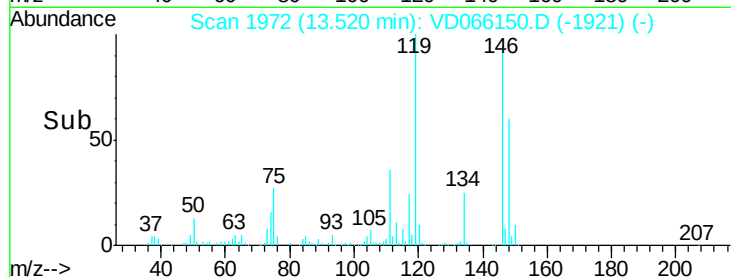
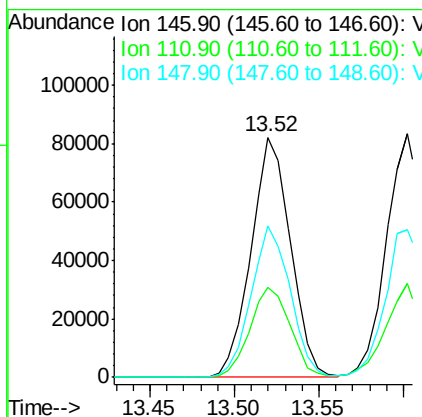
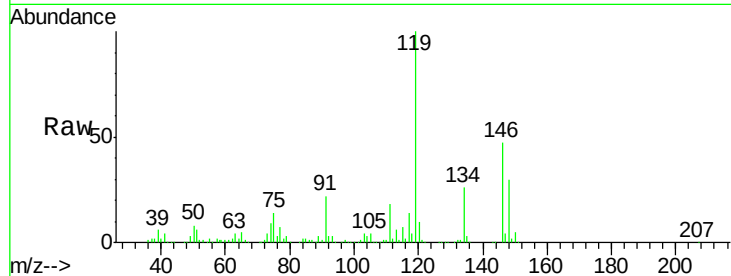
#87
 1,3-Dichlorobenzene
 Concen: 18.820 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	133717		
111	38.4	18.9	56.9	
148	62.8	31.8	95.3	

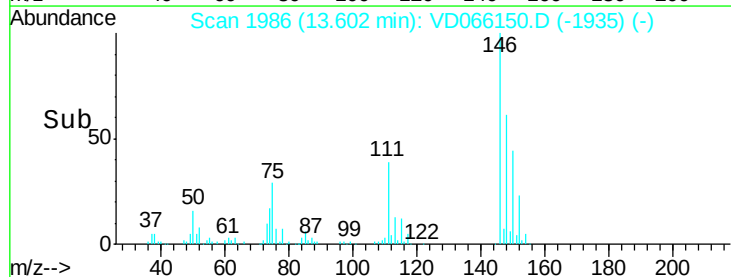
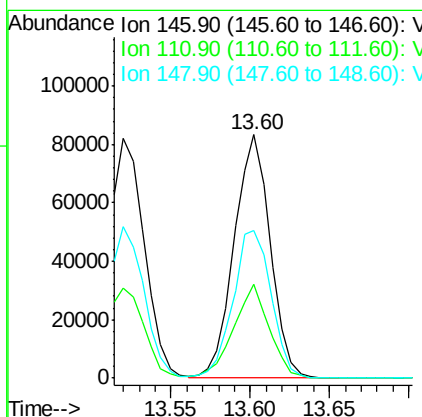
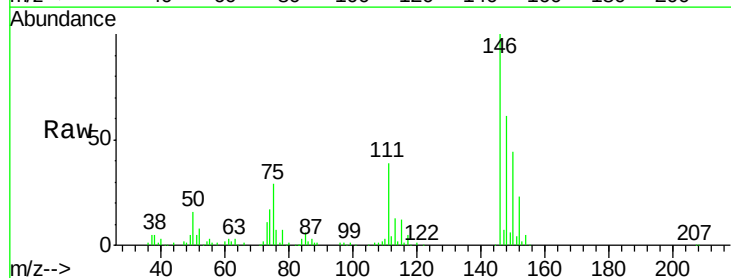
Manual Integrations
 APPROVED

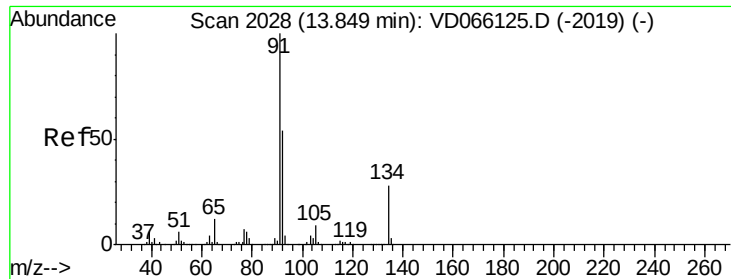
MMDadoda
 8/10/2020 12:24:10 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.602 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	131807		
111	38.4	18.6	55.8	
148	64.2	32.4	97.0	





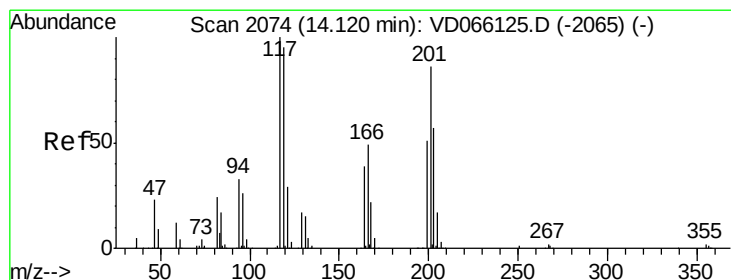
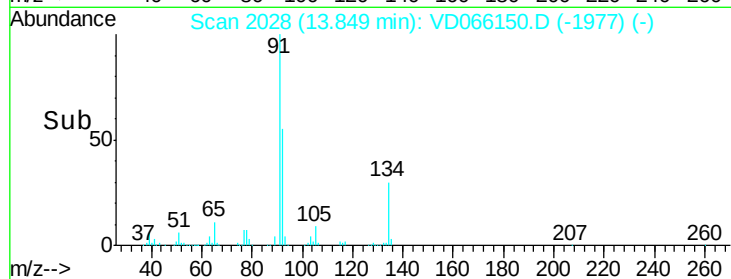
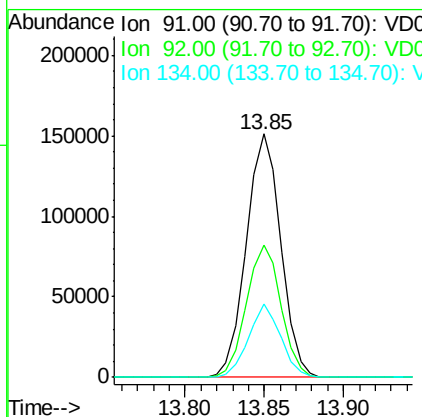
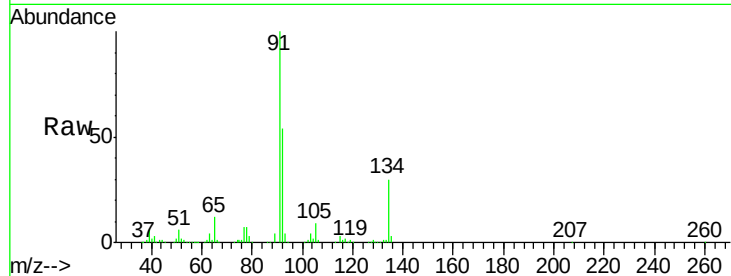
#89
n-Butylbenzene
Concen: 18.703 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.8	80.3
134	28.1	14.0	41.9

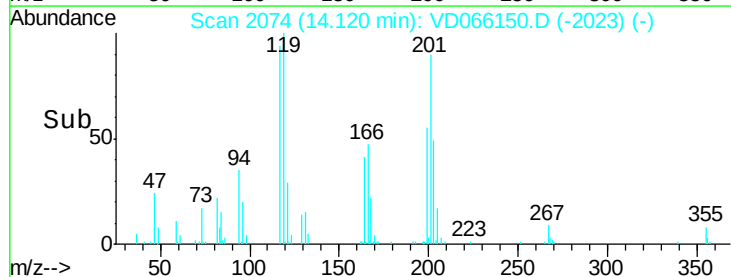
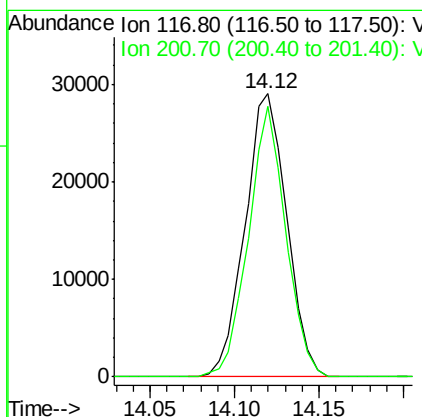
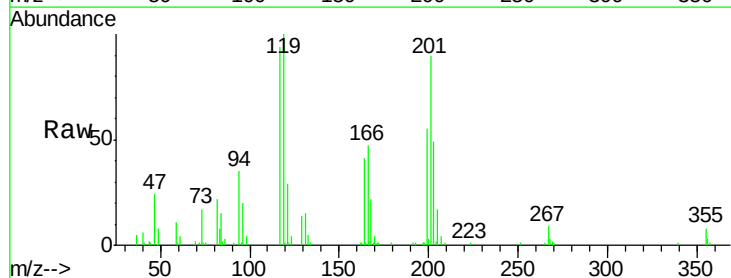
Manual Integrations
APPROVED

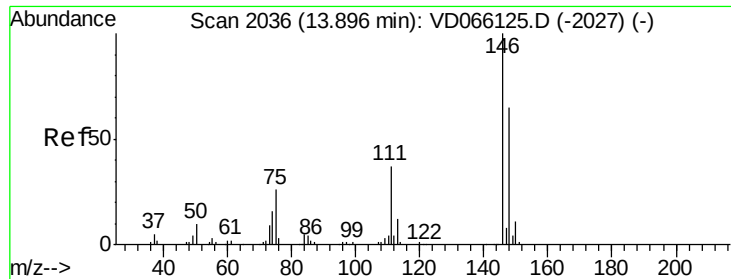
MMDadoda
8/10/2020 12:24:10 PM



#90
Hexachloroethane
Concen: 18.279 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	42.7	128.1





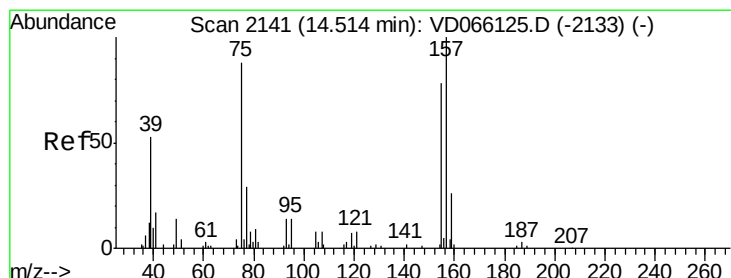
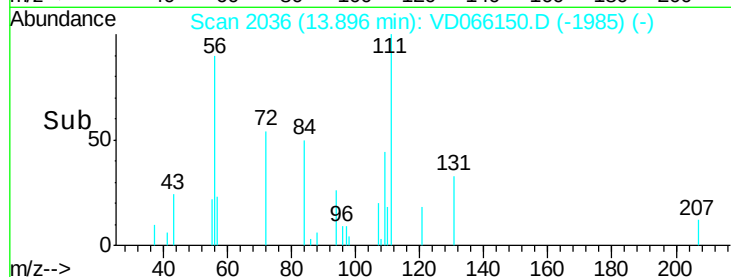
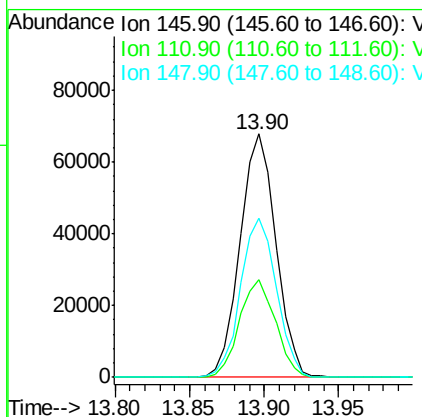
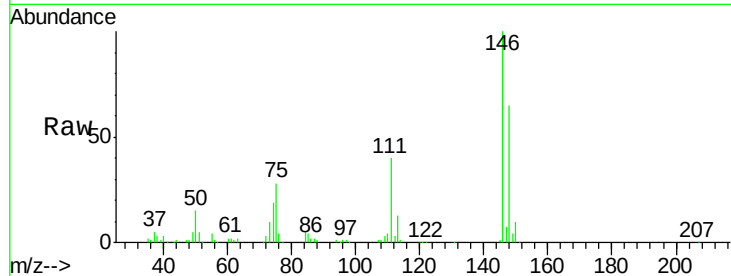
#91
 1,2-Dichlorobenzene
 Concen: 18.038 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	18.8	56.3
148	65.3	31.9	95.5

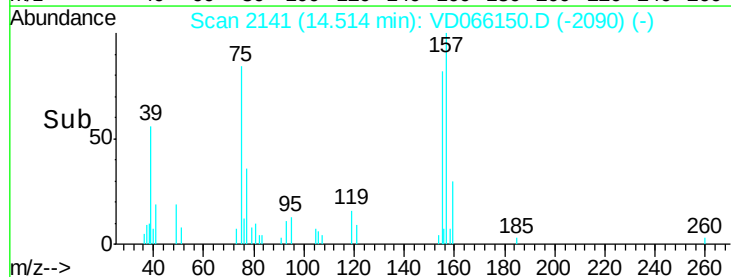
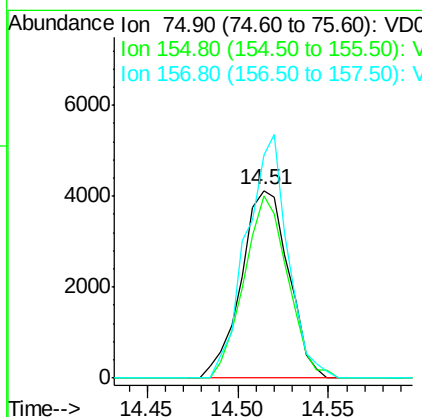
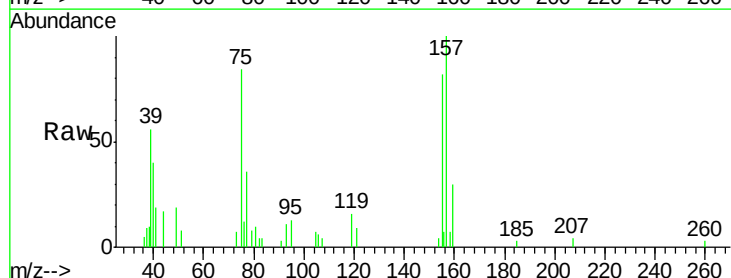
Manual Integrations
 APPROVED

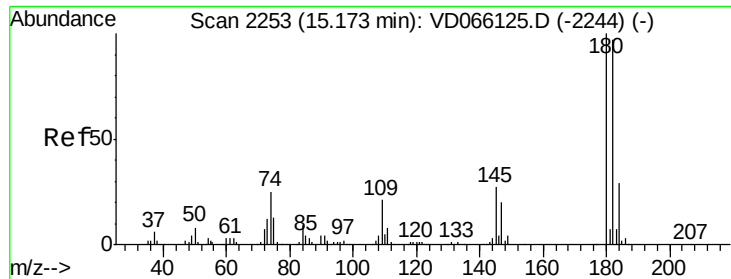
MMDadoda
 8/10/2020 12:24:10 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.359 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	47.7	143.1
157	114.1	62.1	186.2





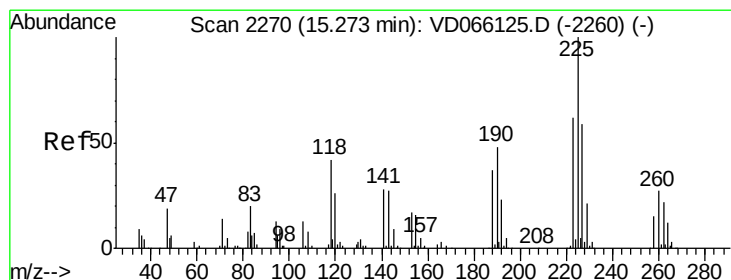
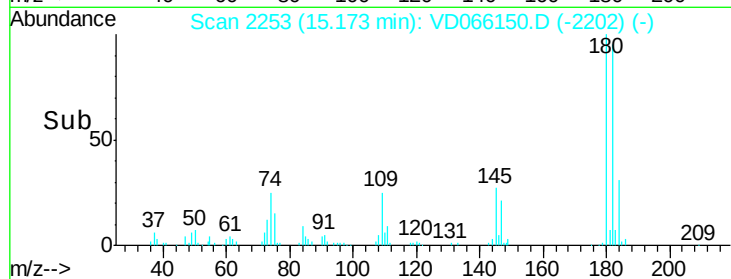
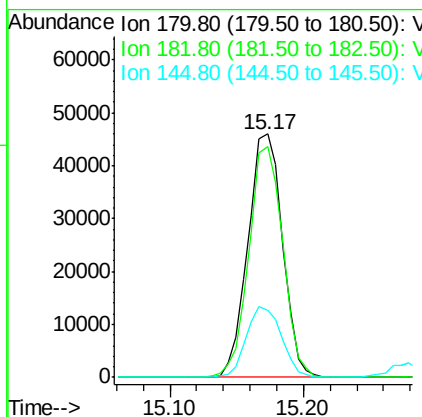
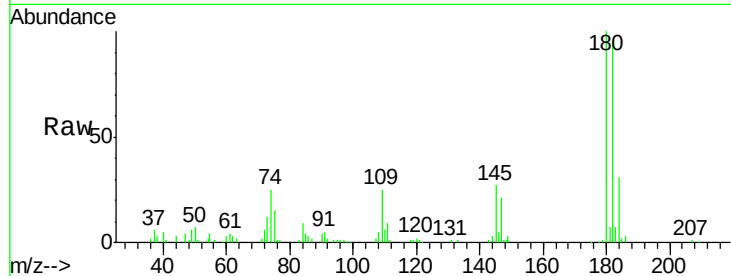
#93
 1,2,4-Trichlorobenzene
 Concen: 17.758 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.4	142.2
145	29.4	14.5	43.6

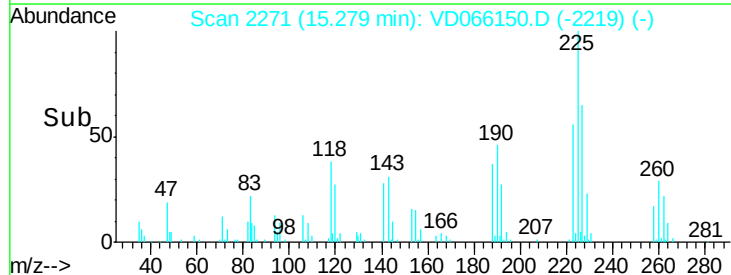
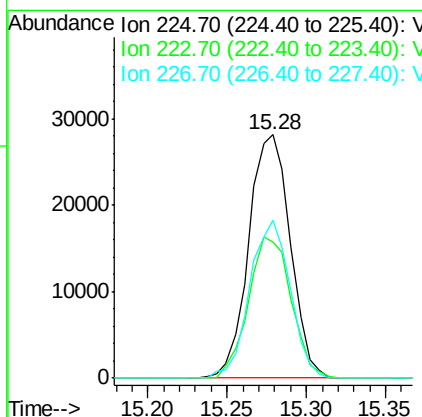
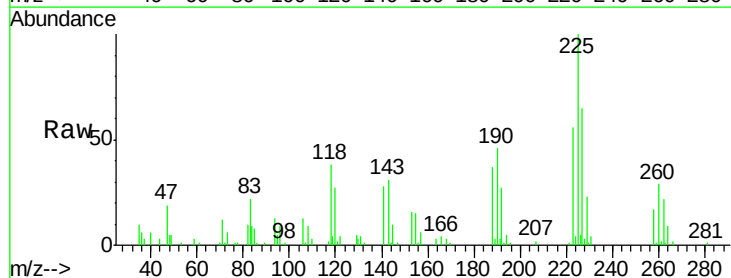
Manual Integrations
 APPROVED

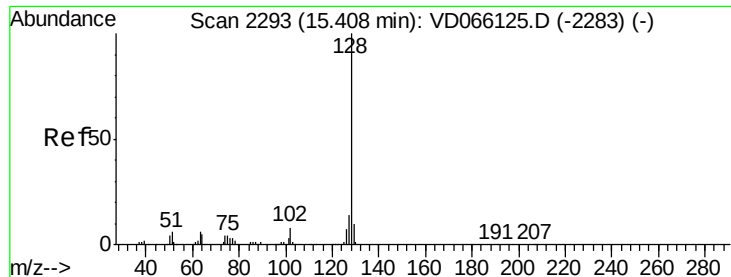
MMDadoda
 8/10/2020 12:24:10 PM



#94
 Hexachlorobutadiene
 Concen: 18.784 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.6	32.3	96.9
227	63.1	32.1	96.5





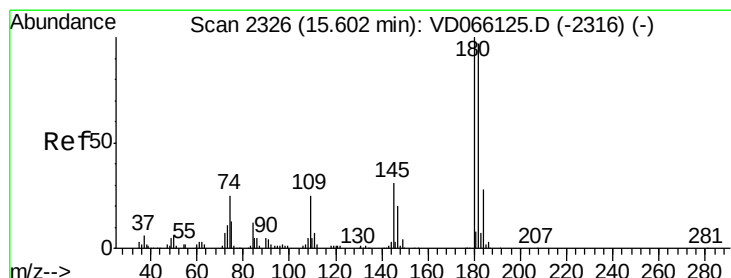
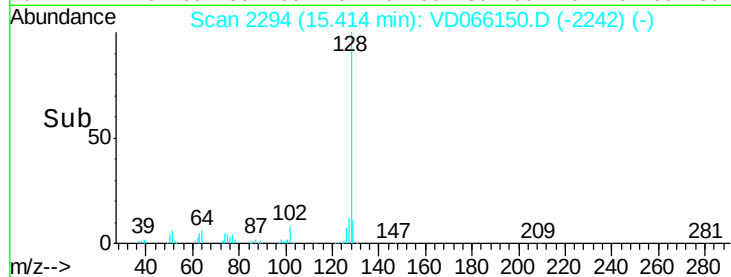
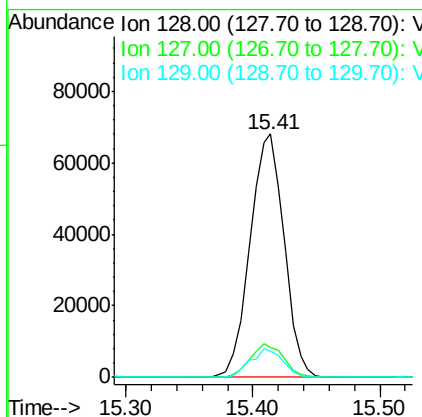
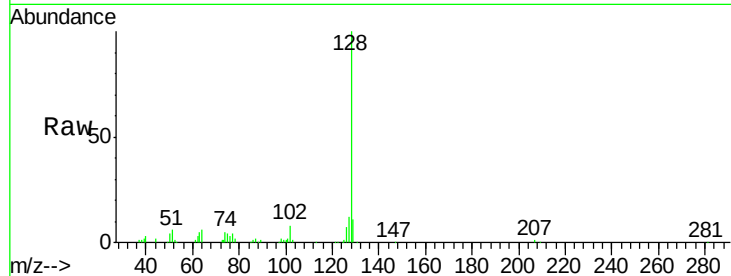
#95
Naphthalene
Concen: 16.805 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	126793		
127	13.7		11.0	16.4
129	11.3		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.736 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	72499		
182	90.3		47.1	141.4
145	29.4		14.9	44.9

