

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067025.D
 Acq On : 02 Oct 2020 07:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:47 PM

Quant Time: Oct 02 07:46:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	410620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	687482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	645987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	221369	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
35) Dibromofluoromethane	7.91	113	231353	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.34	98	843100	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.63	95	290592	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	157328	47.329	ug/l	97
3) Chloromethane	2.20	50	155681	47.607	ug/l	99
4) Vinyl Chloride	2.35	62	147773	45.068	ug/l	97
5) Bromomethane	2.76	94	111807	53.176	ug/l	91
6) Chloroethane	2.92	64	92530	46.338	ug/l	99
7) Trichlorofluoromethane	3.27	101	313298	43.006	ug/l	96
8) Diethyl Ether	3.71	74	100347	55.547	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	178465	43.342	ug/l	99
10) Methyl Iodide	4.30	142	179211	44.793	ug/l	98
11) Tert butyl alcohol	5.22	59	56433	241.887	ug/l	100
12) 1,1-Dichloroethene	4.06	96	181350	46.851	ug/l	94
13) Acrolein	3.92	56	58106	219.408	ug/l	100
14) Allyl chloride	4.71	41	250463	49.808	ug/l	99
15) Acrylonitrile	5.43	53	183605	276.149	ug/l	98
16) Acetone	4.16	43	145193	240.488	ug/l	95
17) Carbon Disulfide	4.40	76	575191	48.420	ug/l	100
18) Methyl Acetate	4.72	43	87726	57.813	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	395449	55.963	ug/l	100
20) Methylene Chloride	4.96	84	259483	62.364	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	224648	50.997	ug/l	99
22) Diisopropyl ether	6.36	45	493416	53.747	ug/l	99
23) Vinyl Acetate	6.31	43	1448652	278.473	ug/l	99
24) 1,1-Dichloroethane	6.26	63	365617	51.605	ug/l	98
25) 2-Butanone	7.21	43	225068	262.939	ug/l	99
26) 2,2-Dichloropropane	7.21	77	266447	43.440	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	245731	52.231	ug/l	98
28) Bromochloromethane	7.54	49	159968	58.466	ug/l	99
29) Tetrahydrofuran	7.56	42	140439	285.343	ug/l	96
30) Chloroform	7.71	83	401113	52.190	ug/l	97
31) Cyclohexane	7.98	56	243757	41.039	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	342581	48.097	ug/l	100
36) 1,1-Dichloropropene	8.11	75	280193	43.725	ug/l	99
37) Ethyl Acetate	7.29	43	111664	50.300	ug/l	99
38) Carbon Tetrachloride	8.09	117	308741	44.529	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067025.D
 Acq On : 02 Oct 2020 07:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:47 PM

Quant Time: Oct 02 07:46:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	282398	41.683	ug/l	98
40) Benzene	8.35	78	857626	48.184	ug/l	100
41) Methacrylonitrile	7.53	41	73758m	61.500	ug/l	
42) 1,2-Dichloroethane	8.42	62	247029	49.669	ug/l	97
43) Isopropyl Acetate	8.45	43	206917	50.596	ug/l	99
44) Trichloroethene	9.11	130	245896	46.265	ug/l	100
45) 1,2-Dichloropropane	9.38	63	207205	49.546	ug/l	98
46) Dibromomethane	9.47	93	123926	51.558	ug/l	98
47) Bromodichloromethane	9.66	83	317875	50.875	ug/l	98
48) Methyl methacrylate	9.46	41	100557	47.995	ug/l #	82
49) 1,4-Dioxane	9.46	88	26444	1054.122	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	535847	263.054	ug/l	100
52) Toluene	10.40	92	564174	49.206	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	272315	48.766	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	326894	47.940	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	166883	49.938	ug/l	97
56) Ethyl methacrylate	10.66	69	189425	54.903	ug/l	99
57) 1,3-Dichloropropane	10.94	76	277297	51.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	539656	281.024	ug/l	100
59) 2-Hexanone	10.98	43	359771	264.616	ug/l	99
60) Dibromochloromethane	11.14	129	224705	50.450	ug/l	95
61) 1,2-Dibromoethane	11.24	107	166709	51.926	ug/l	98
64) Tetrachloroethene	10.87	164	214981	45.776	ug/l	96
65) Chlorobenzene	11.67	112	608735	47.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	238118	48.723	ug/l	99
67) Ethyl Benzene	11.74	91	1043310	47.394	ug/l	100
68) m/p-Xylenes	11.85	106	810161	94.435	ug/l	99
69) o-Xylene	12.18	106	381526	49.731	ug/l	98
70) Styrene	12.20	104	658210	49.964	ug/l	99
71) Bromoform	12.36	173	126366	49.812	ug/l #	97
73) Isopropylbenzene	12.48	105	998678	47.208	ug/l	100
74) N-amyl acetate	12.29	43	191410	50.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	173899	48.789	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	129829m	47.842	ug/l	
77) Bromobenzene	12.76	156	253375	49.602	ug/l	96
78) n-propylbenzene	12.82	91	1162601	46.501	ug/l	100
79) 2-Chlorotoluene	12.91	91	678411	47.427	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	855319	47.854	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	46600	42.812	ug/l	99
82) 4-Chlorotoluene	13.01	91	700690	46.040	ug/l	99
83) tert-Butylbenzene	13.23	119	705982	46.906	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	851631	47.745	ug/l	99
85) sec-Butylbenzene	13.40	105	958753	45.233	ug/l	99
86) p-Isopropyltoluene	13.52	119	897250	45.660	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	465384	46.774	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	460777	46.316	ug/l	99
89) n-Butylbenzene	13.85	91	773932	43.094	ug/l	100
90) Hexachloroethane	14.11	117	156286	45.403	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	412940	47.522	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28240	49.151	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
Data File : VD067025.D
Acq On : 02 Oct 2020 07:28
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:47 PM

Quant Time: Oct 02 07:46:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	269835	48.008	ug/l	97
94) Hexachlorobutadiene	15.28	225	144215	41.779	ug/l	98
95) Naphthalene	15.41	128	503136	53.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	246486	50.518	ug/l	99

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

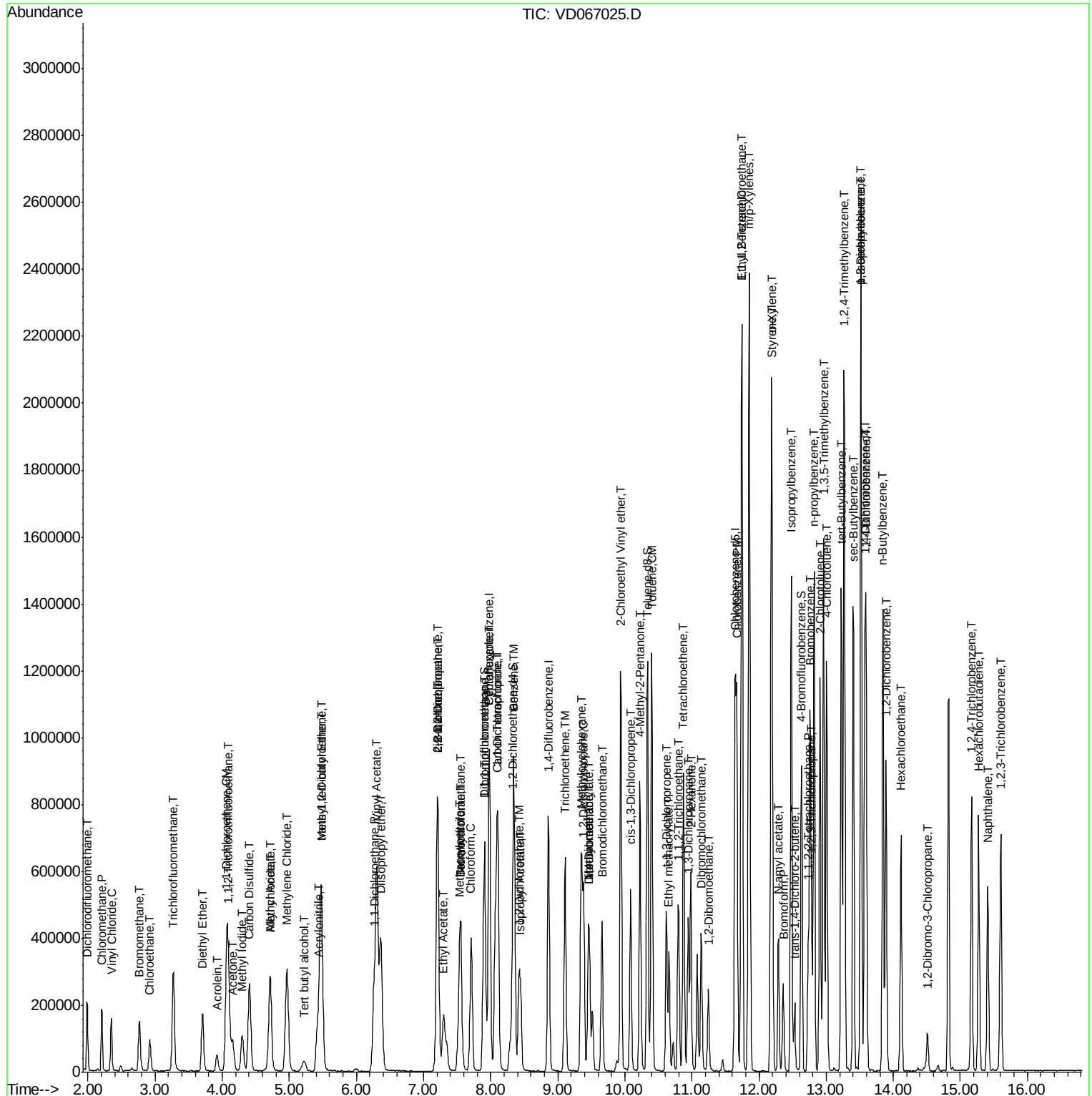
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067025.D
 Acq On : 02 Oct 2020 07:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

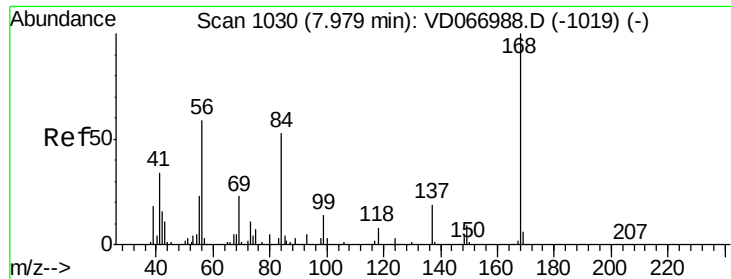
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:47 PM

Quant Time: Oct 02 07:46:12 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 410620

Ion Ratio Lower Upper

168 100

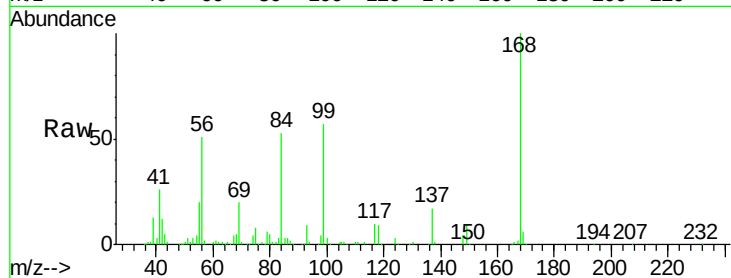
99 56.9 44.1 66.1

Manual Integrations

APPROVED

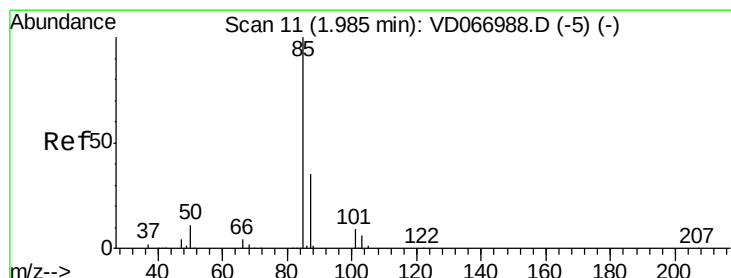
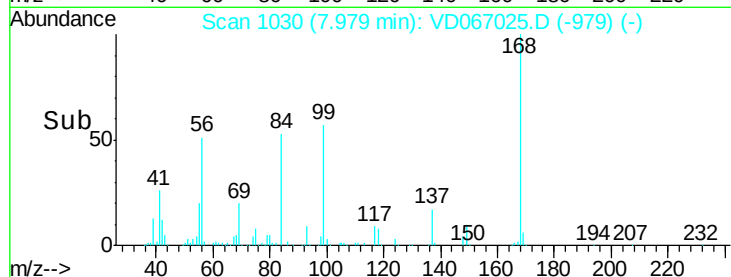
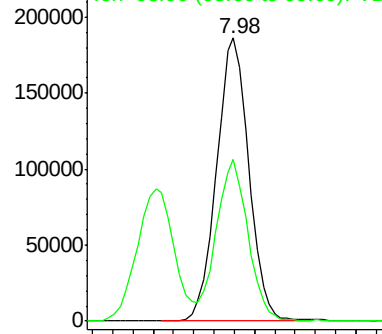
MMDadoda

10/2/2020 3:13:47 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.329 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067025.D

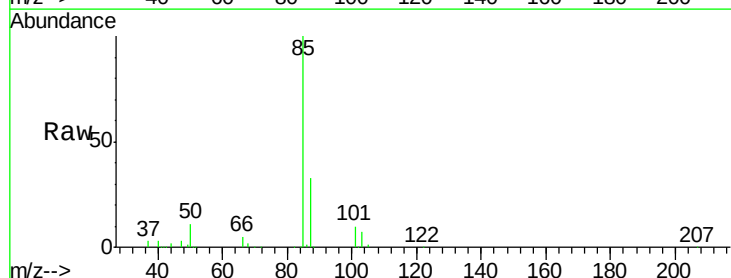
Acq: 02 Oct 2020 07:28

Tgt Ion: 85 Resp: 157328

Ion Ratio Lower Upper

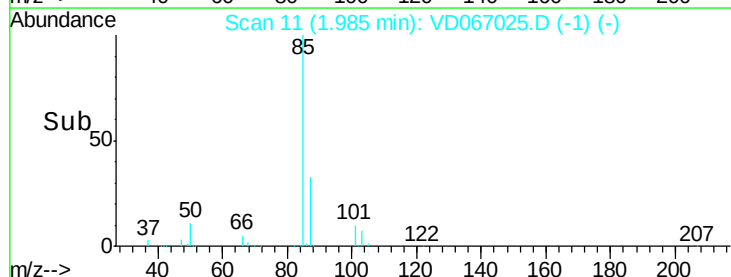
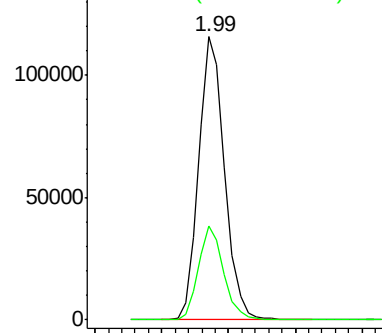
85 100

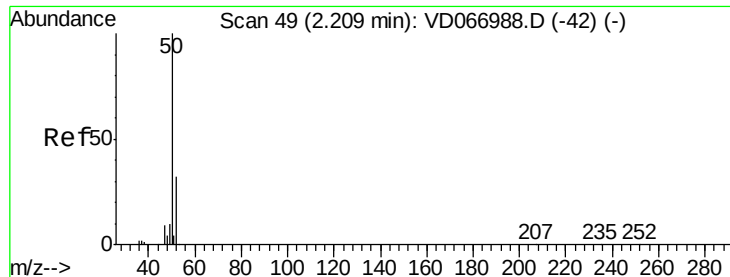
87 33.2 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.607 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 155681

Ion Ratio Lower Upper

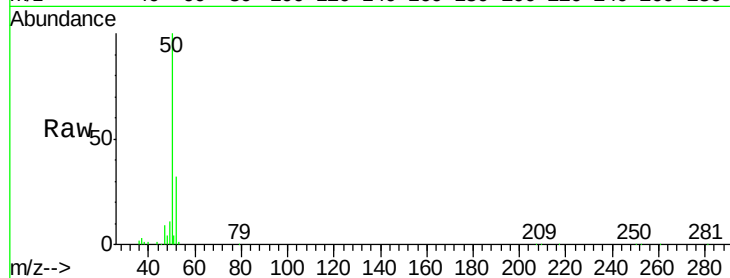
50 100

52 32.1 25.3 37.9

Manual Integrations
APPROVED

MMDadoda

10/2/2020 3:13:47 PM



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.20

120000

100000

80000

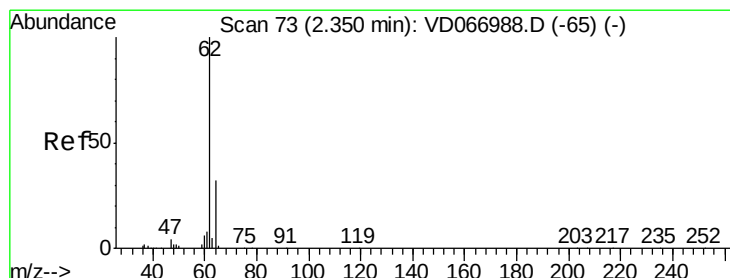
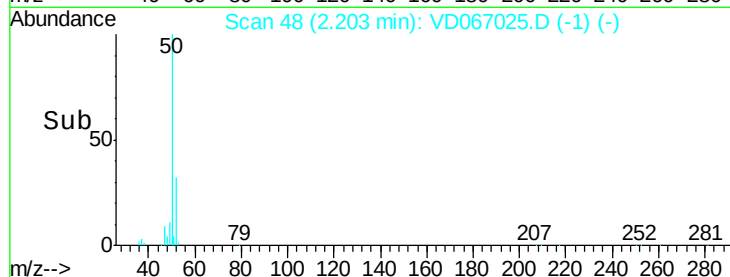
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 45.068 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067025.D

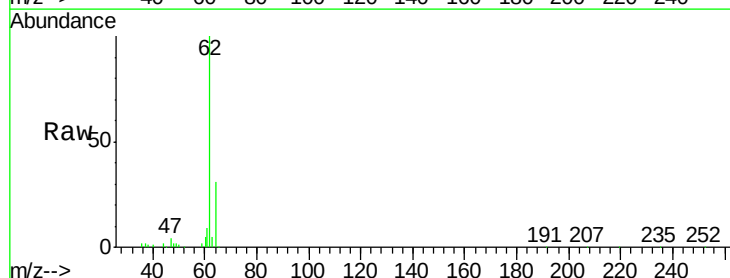
Acq: 02 Oct 2020 07:28

Tgt Ion: 62 Resp: 147773

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

100000

80000

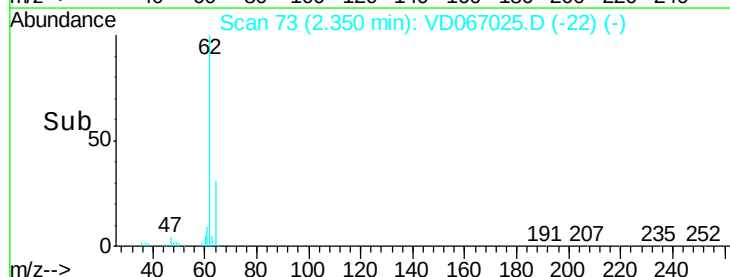
60000

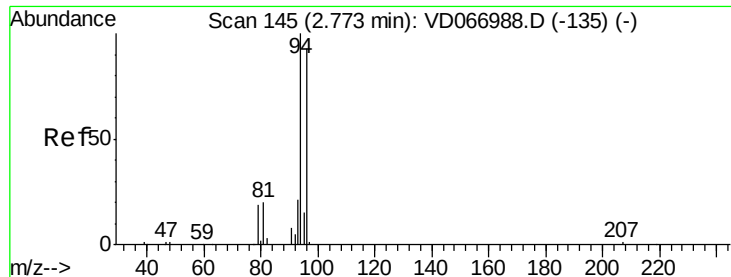
40000

20000

0

Time-->





#5

Bromomethane

Concen: 53.176 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 111807

Ion Ratio Lower Upper

94 100

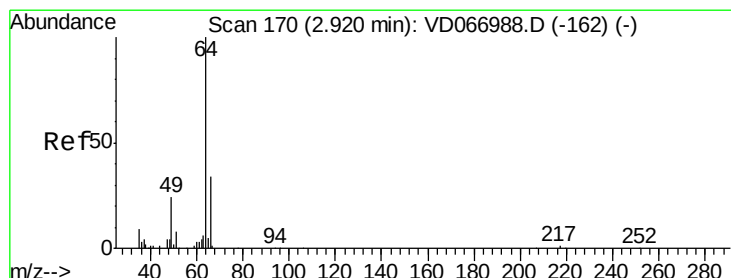
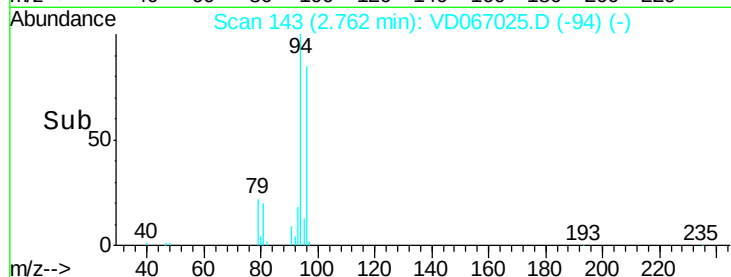
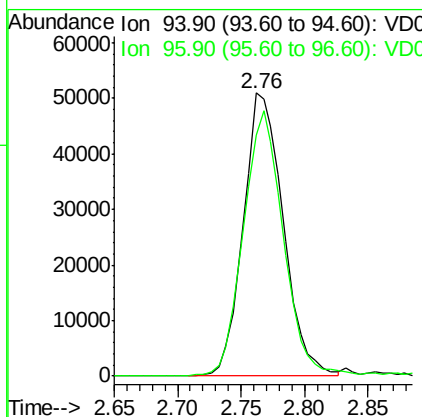
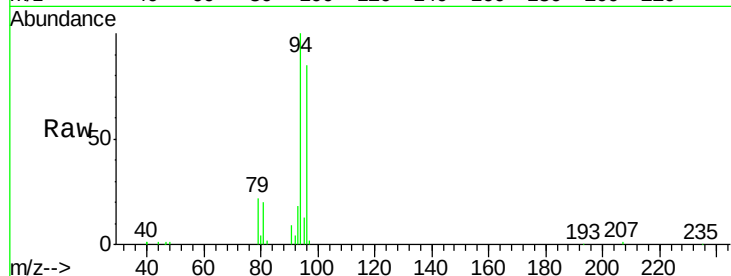
96 85.0 74.6 112.0

Manual Integrations

APPROVED

MMDadoda

10/2/2020 3:13:47 PM



#6

Chloroethane

Concen: 46.338 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067025.D

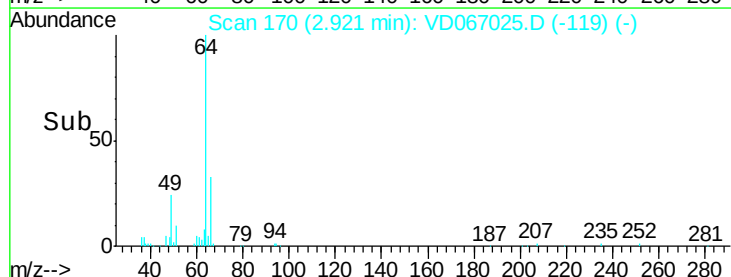
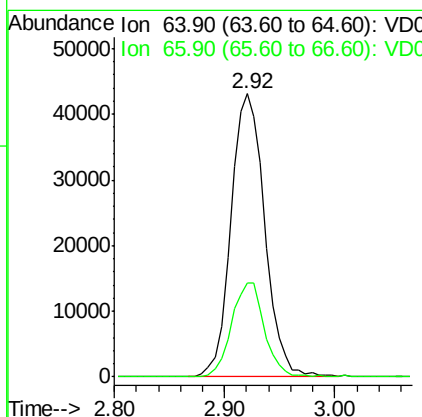
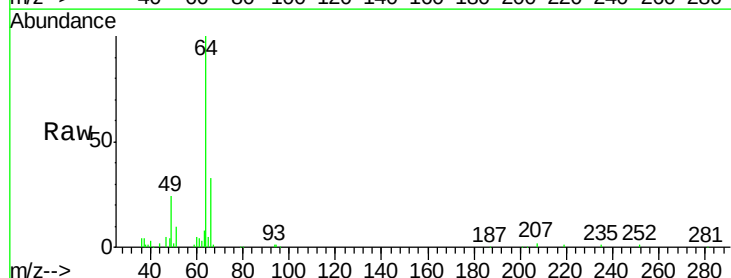
Acq: 02 Oct 2020 07:28

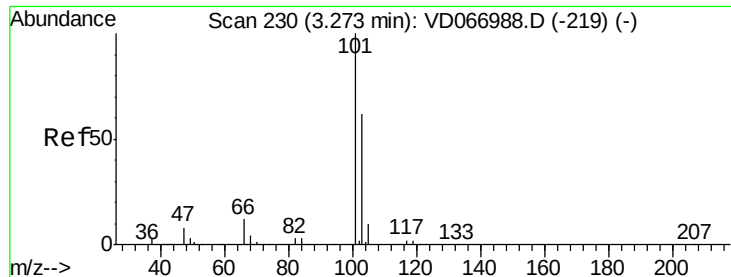
Tgt Ion: 64 Resp: 92530

Ion Ratio Lower Upper

64 100

66 33.2 27.0 40.6





#7

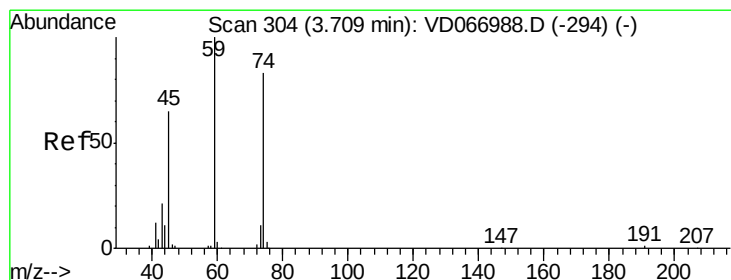
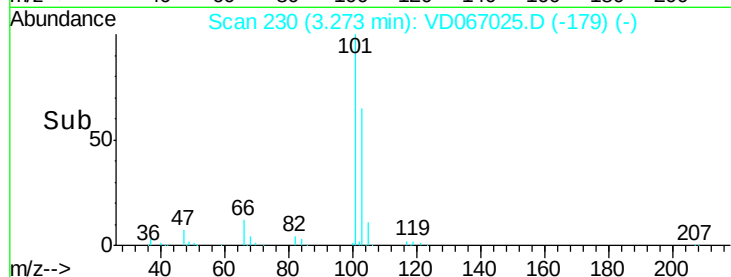
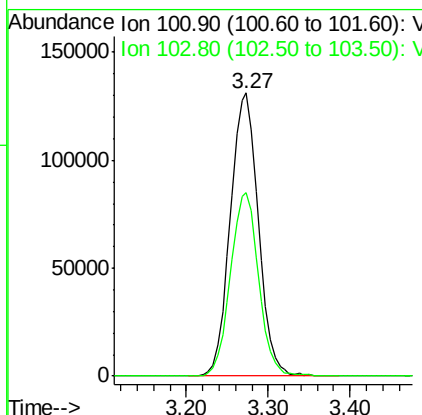
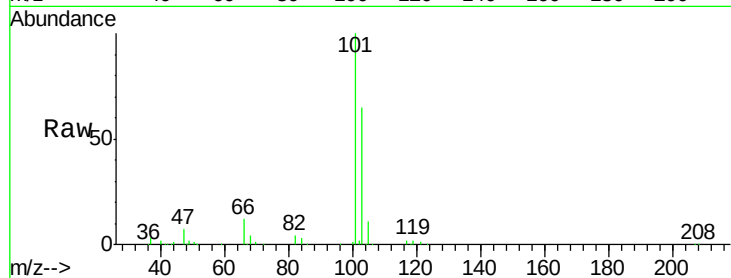
Trichlorofluoromethane
Concen: 43.006 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	49.8	74.8

Manual Integrations
APPROVED

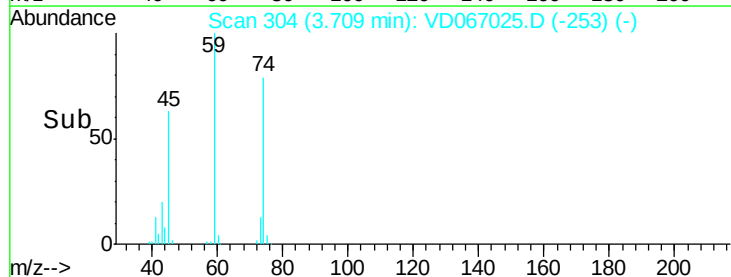
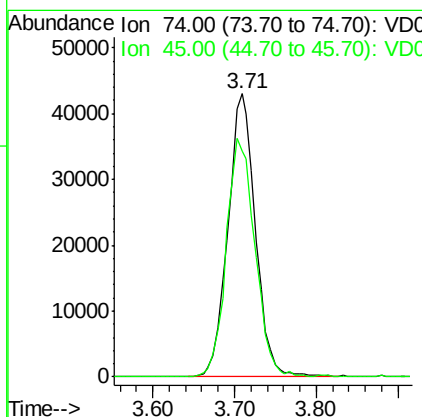
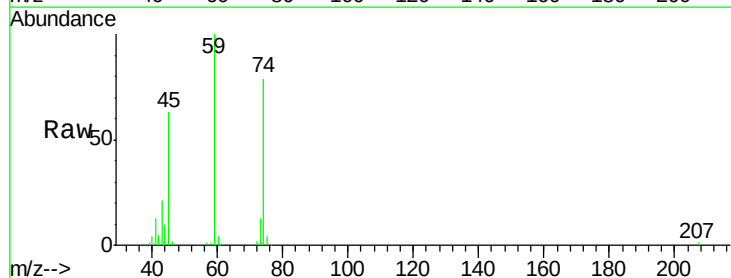
MMDadoda
10/2/2020 3:13:47 PM

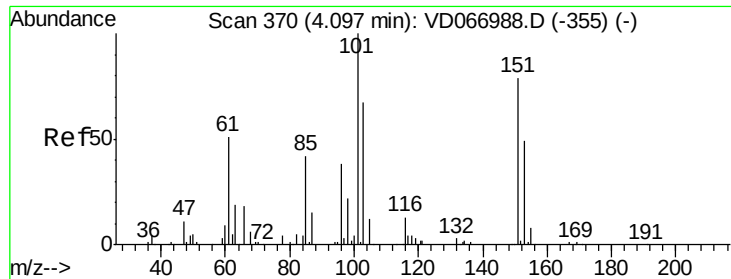


#8

Diethyl Ether
Concen: 55.547 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.1	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.342 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

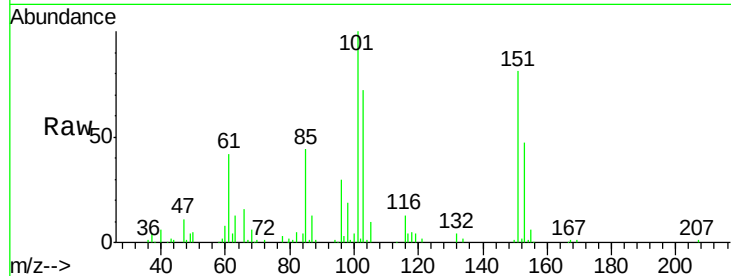
ClientSampleId :

VSTDCCC050EC

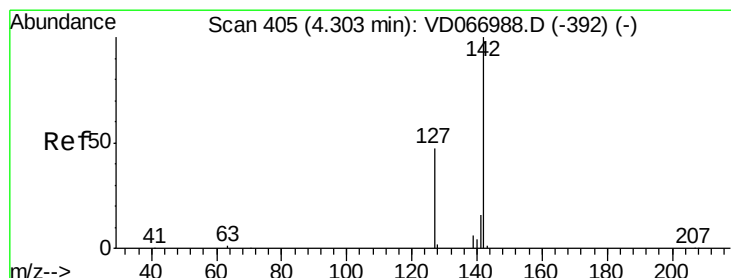
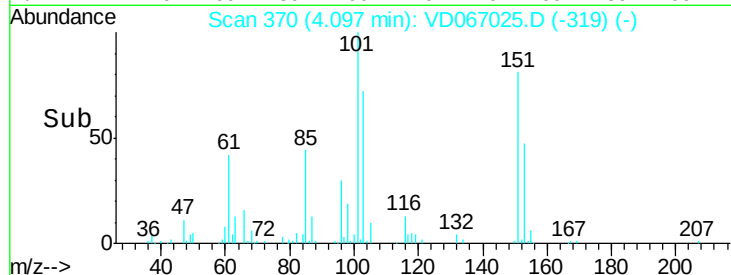
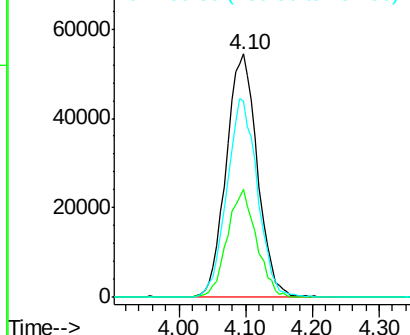
Tot Ion:	101	Resp:	178465
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.8	50.8
151	79.9	63.8	95.8

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:47 PM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.793 ug/l

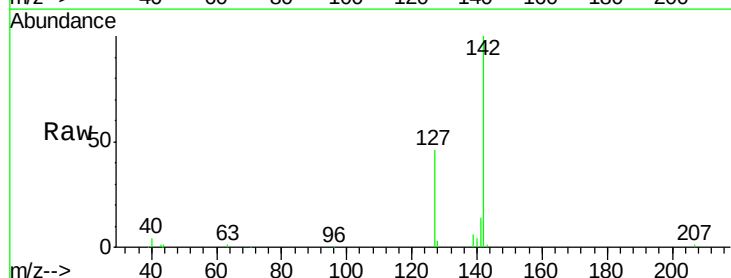
RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

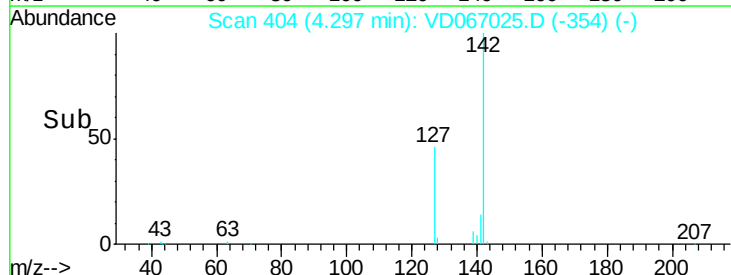
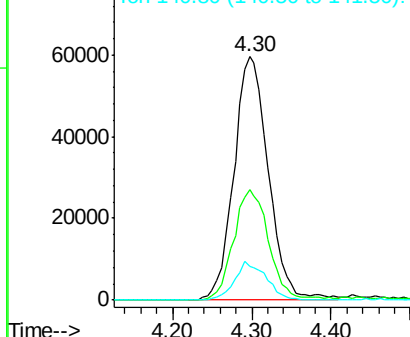
Lab File: VD067025.D

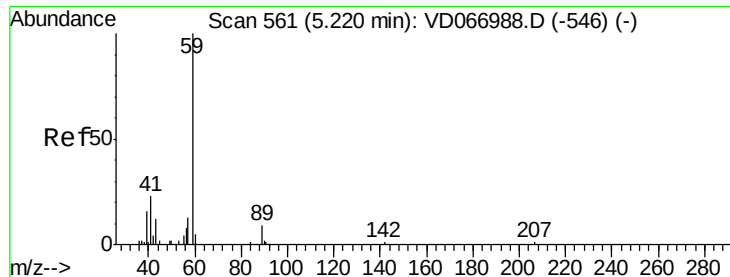
Acq: 02 Oct 2020 07:28

Tgt Ion:	142	Resp:	179211
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.3	54.5
141	14.4	12.0	18.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





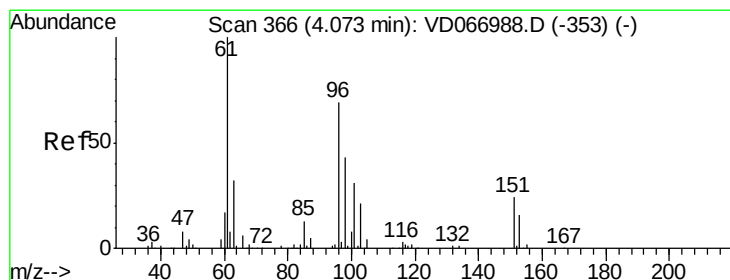
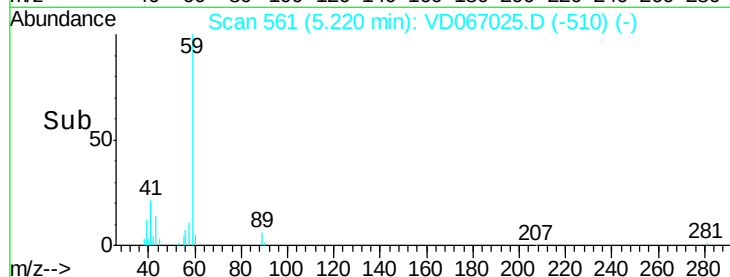
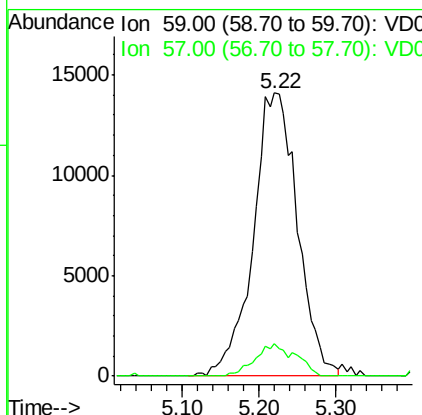
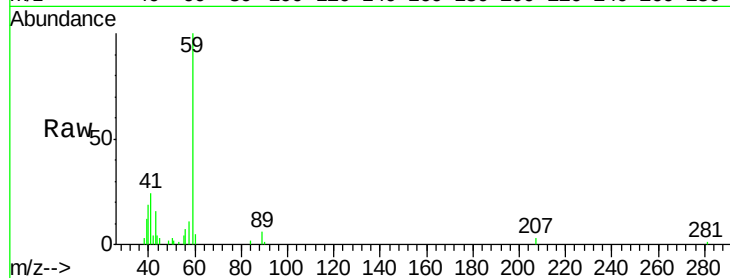
#11
Tert butyl alcohol
Concen: 241.887 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.4	8.2	12.4

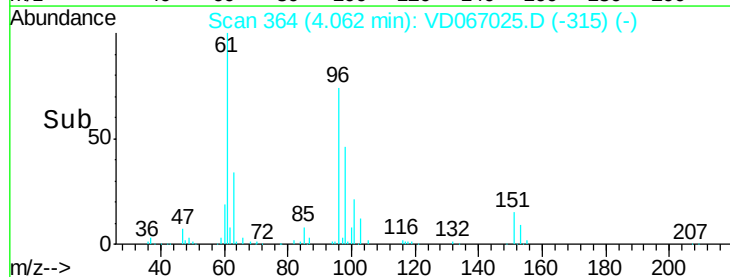
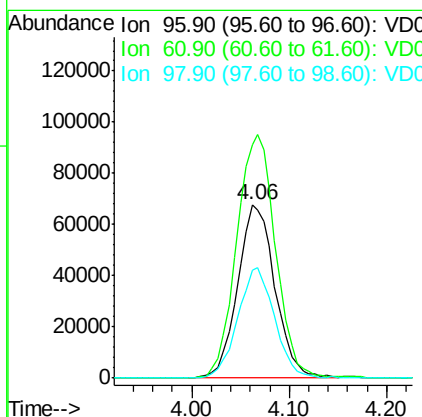
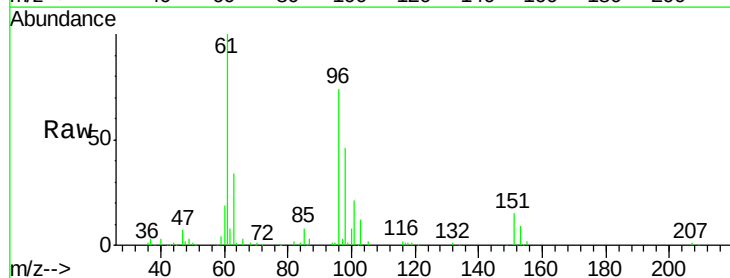
Manual Integrations
APPROVED

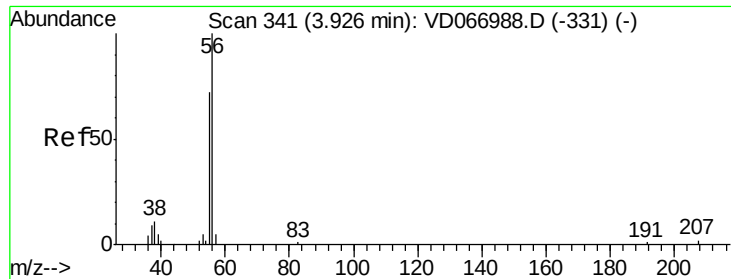
MMDadoda
10/2/2020 3:13:47 PM



#12
1,1-Dichloroethene
Concen: 46.851 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	134.9	116.4	174.6
98	98	62.4	49.9	74.9





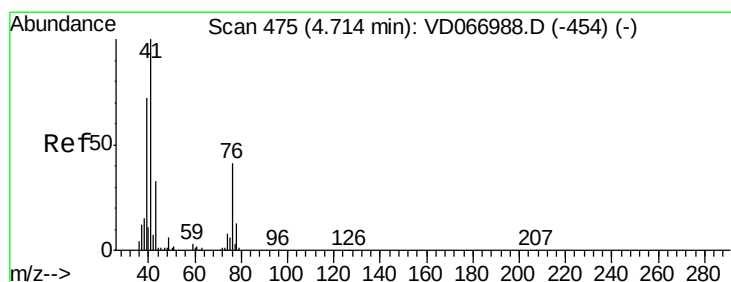
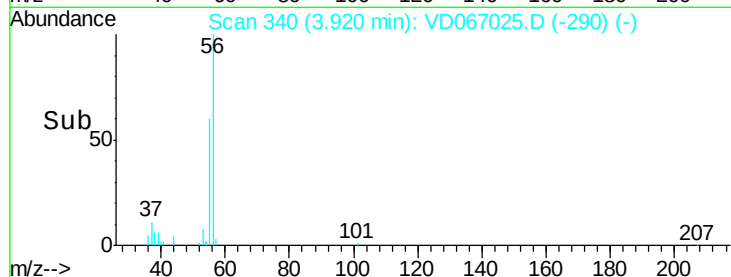
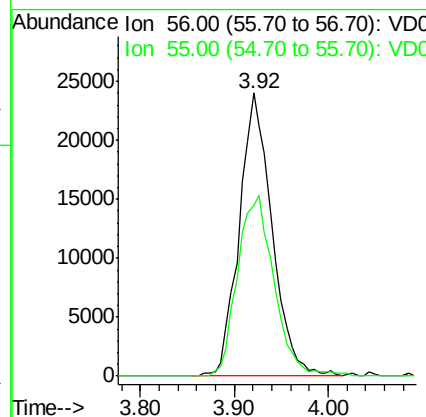
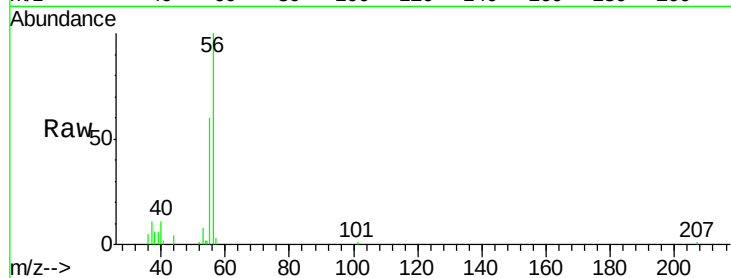
#13
Acrolein
Concen: 219.408 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.0	56.9	85.3

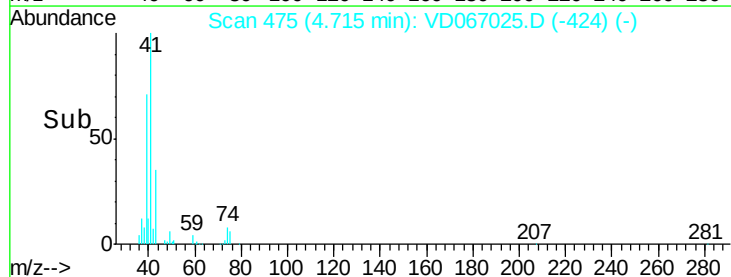
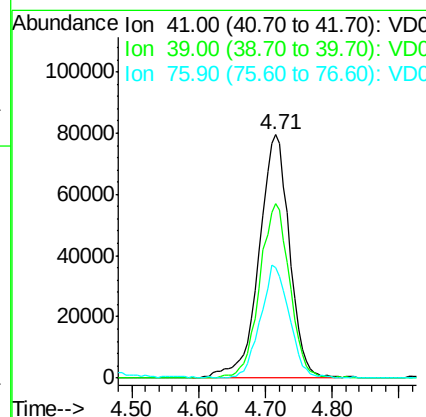
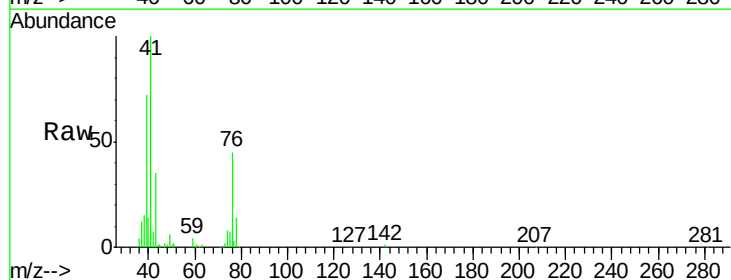
Manual Integrations
APPROVED

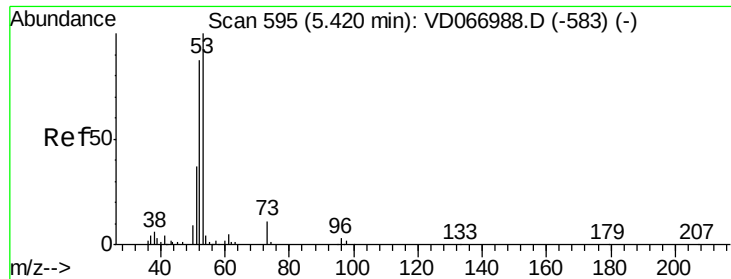
MMDadoda
10/2/2020 3:13:47 PM



#14
Allyl chloride
Concen: 49.808 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.8	56.2	84.2
76	44.0	34.2	51.2





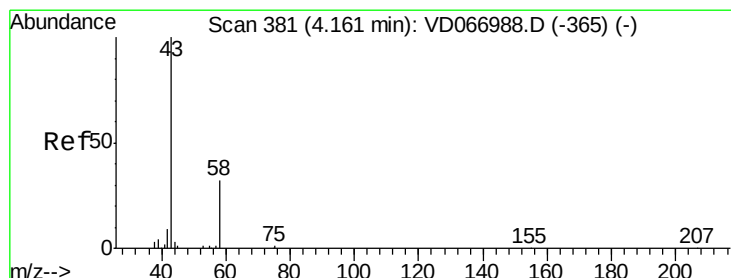
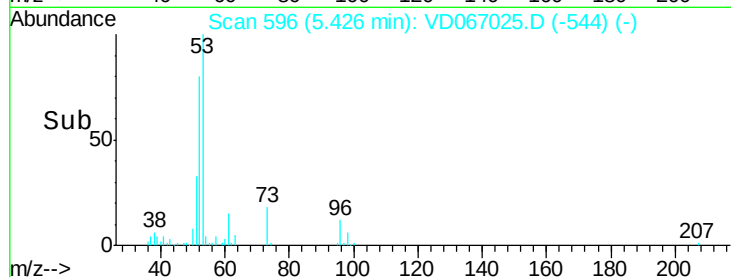
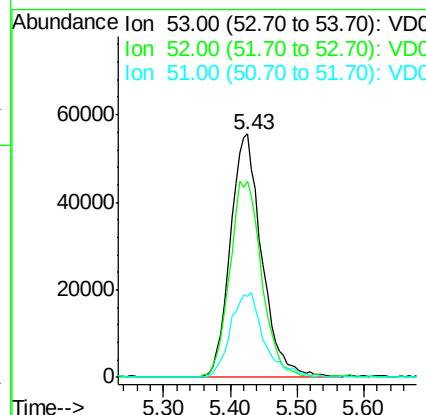
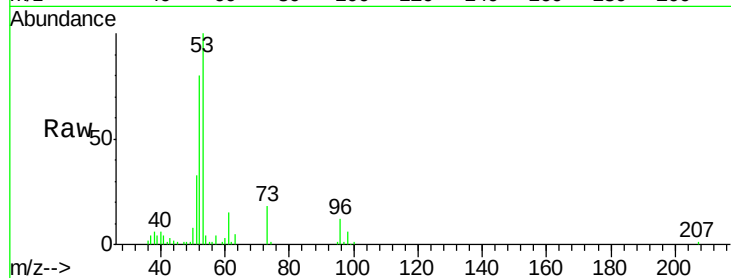
#15
 Acrylonitrile
 Concen: 276.149 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.0	67.3	100.9
51	37.0	30.2	45.2

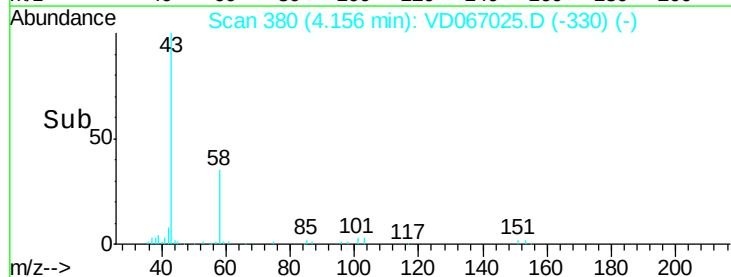
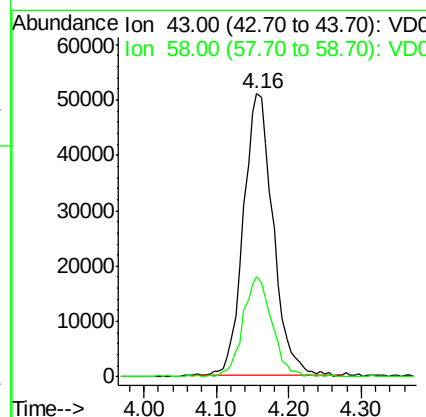
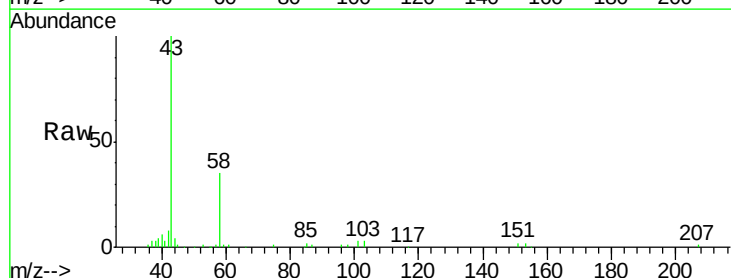
Manual Integrations
 APPROVED

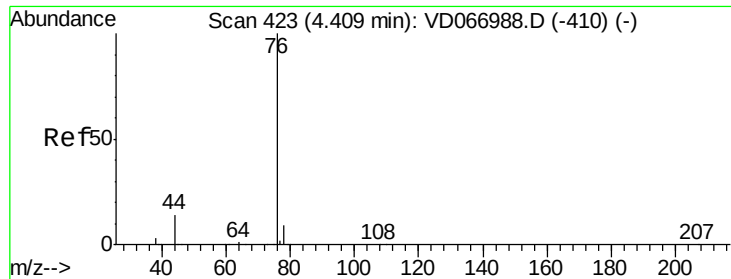
MMDadoda
 10/2/2020 3:13:47 PM



#16
 Acetone
 Concen: 240.488 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.4	25.9	38.9





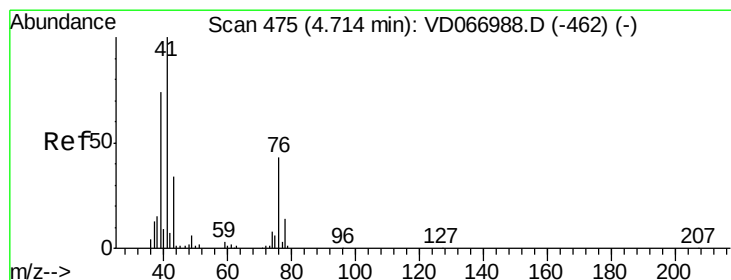
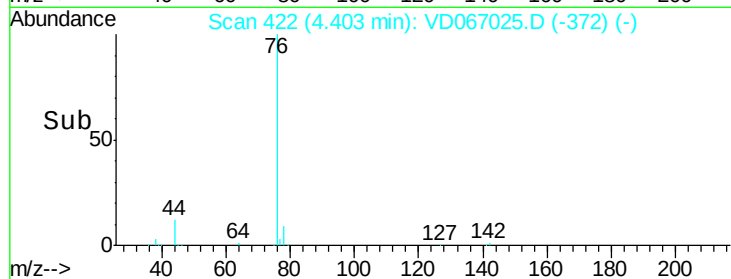
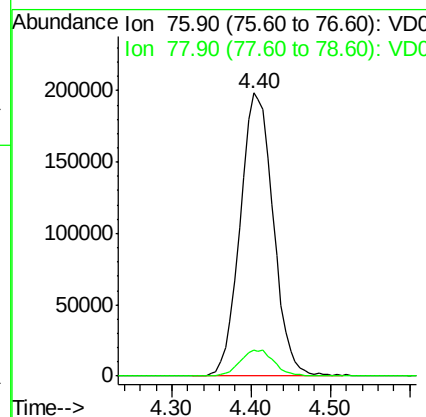
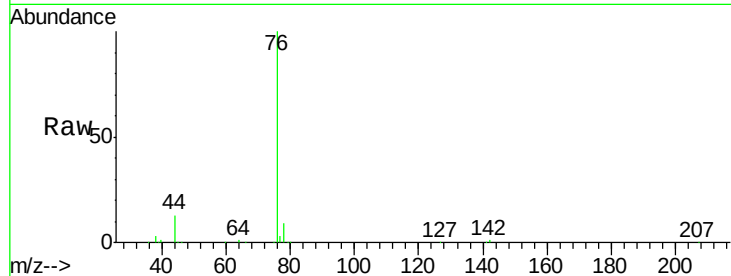
#17
Carbon Disulfide
Concen: 48.420 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

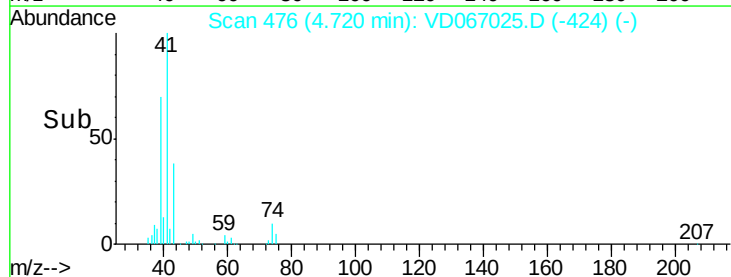
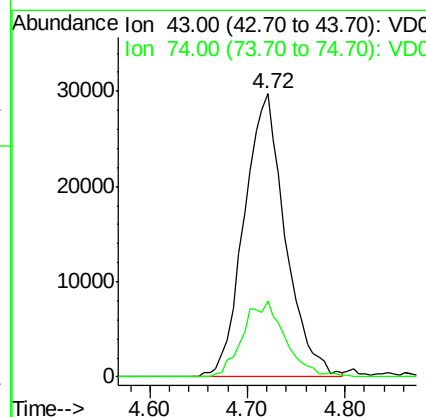
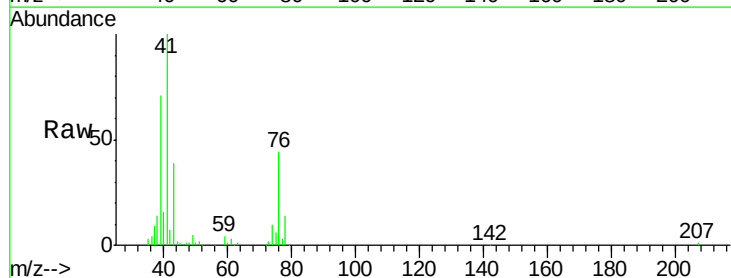
Manual Integrations
APPROVED

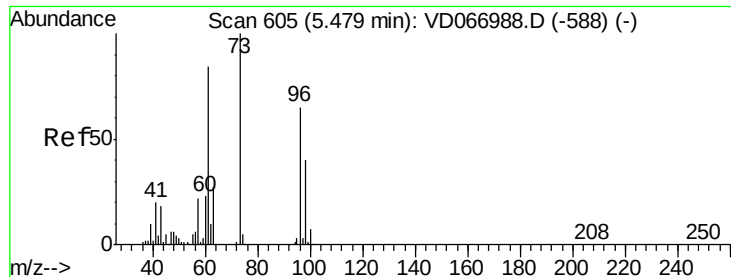
MMDadoda
10/2/2020 3:13:47 PM



#18
Methyl Acetate
Concen: 57.813 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	21.5	32.3





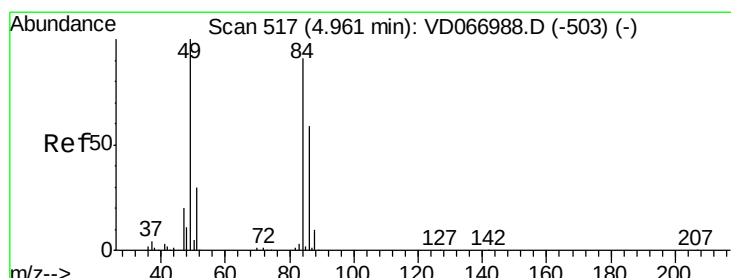
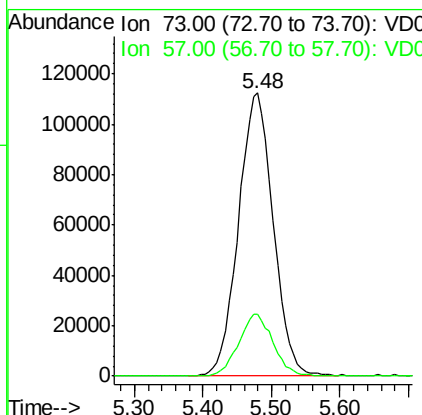
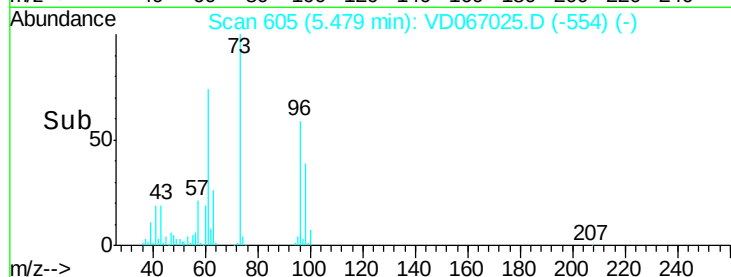
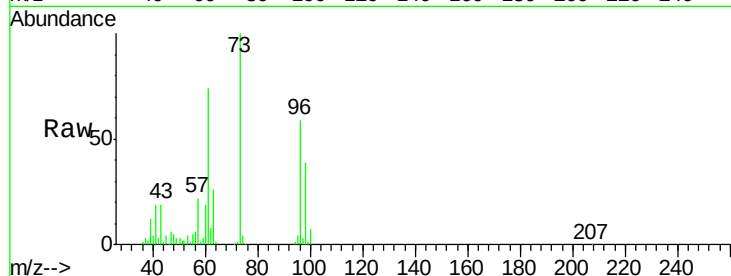
#19
Methyl tert-butyl Ether
Concen: 55.963 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 395449
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0

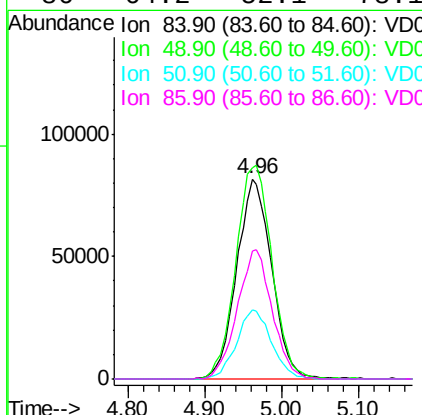
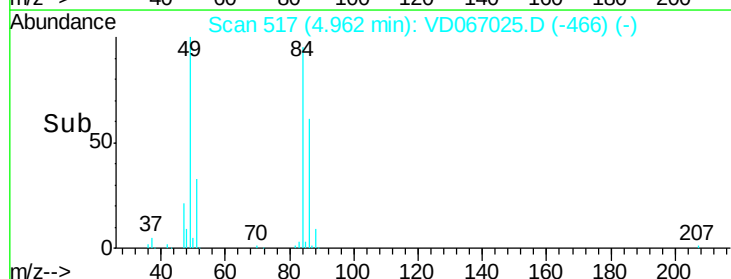
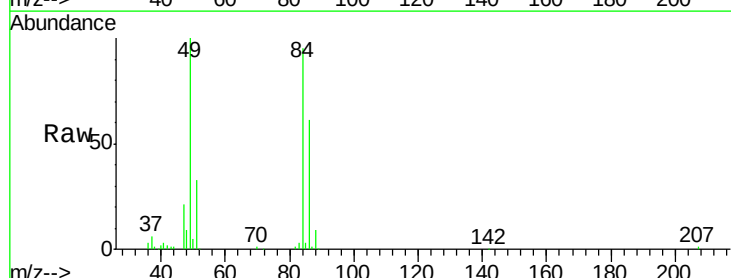
Manual Integrations
APPROVED

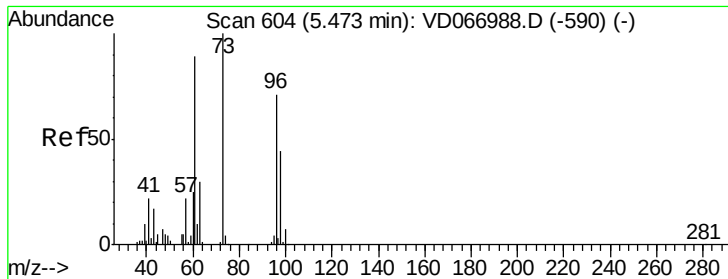
MMDadoda
10/2/2020 3:13:47 PM



#20
Methylene Chloride
Concen: 62.364 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion: 84 Resp: 259483
Ion Ratio Lower Upper
84 100
49 105.6 88.2 132.2
51 34.5 26.6 39.8
86 64.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.997 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

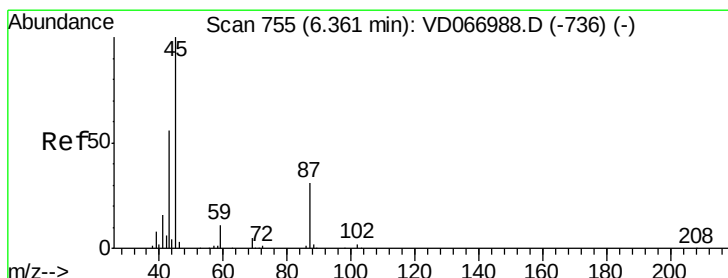
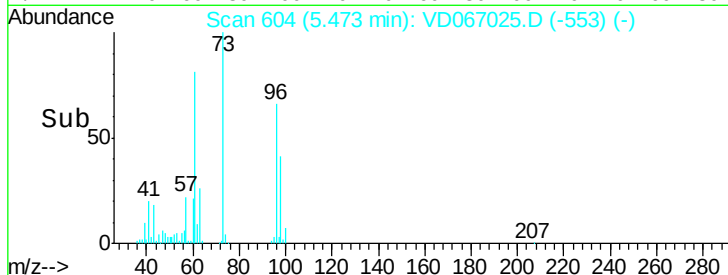
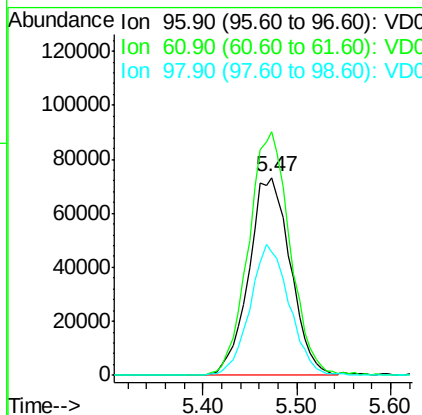
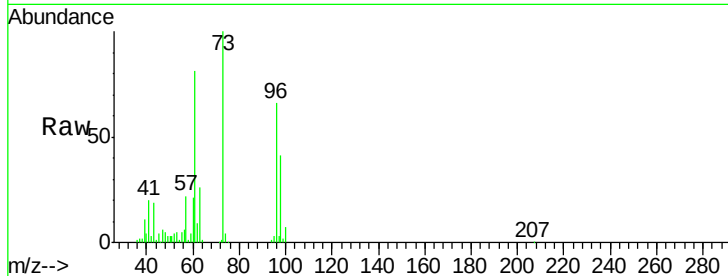
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	224648
Ion	Ratio	Lower	Upper
96	100		
61	122.9	99.6	149.4
98	62.3	49.4	74.2

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:47 PM



#22

Diisopropyl ether

Concen: 53.747 ug/l

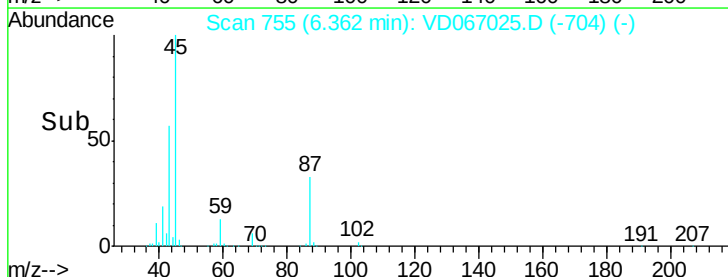
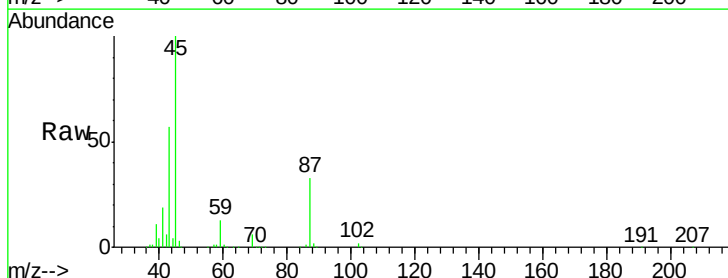
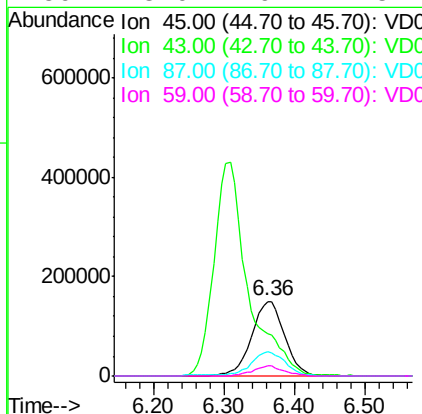
RT: 6.36 min Scan# 755

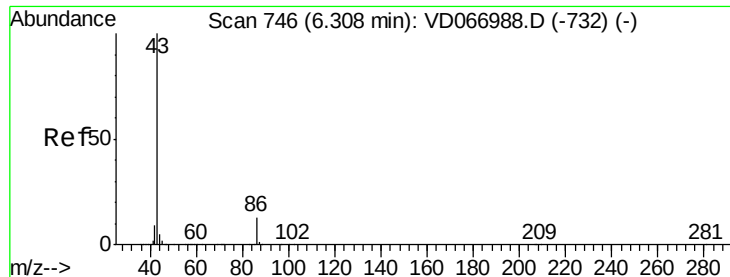
Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Tgt Ion:	45	Resp:	493416
Ion	Ratio	Lower	Upper
45	100		
43	56.2	45.2	67.8
87	32.3	25.6	38.4
59	13.0	9.1	13.7





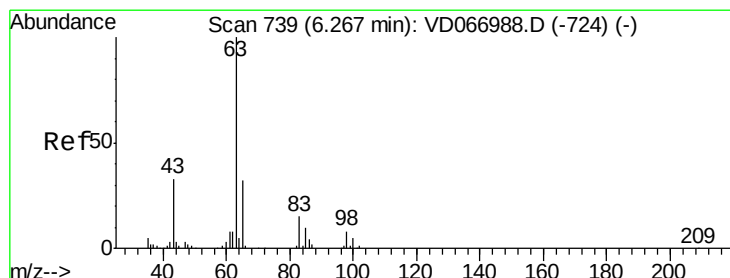
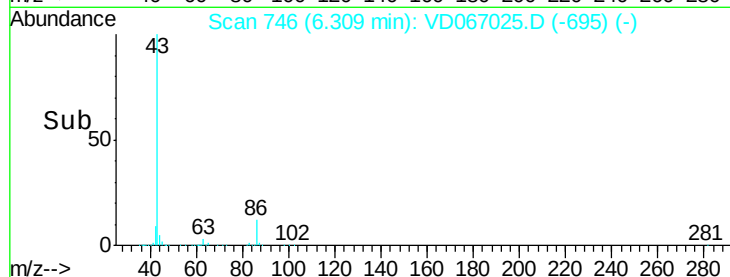
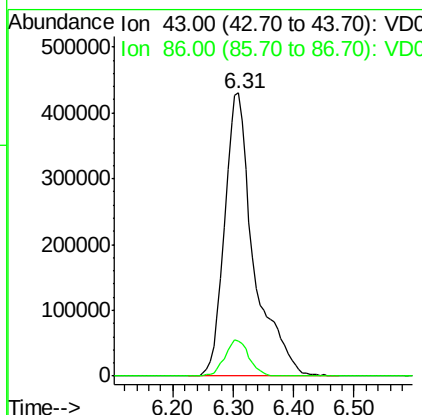
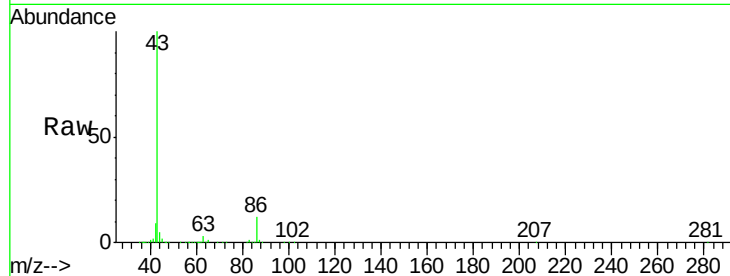
#23
 Vinyl Acetate
 Concen: 278.473 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1448652
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.2 15.2

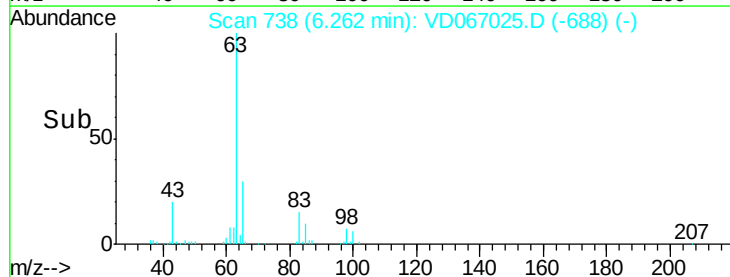
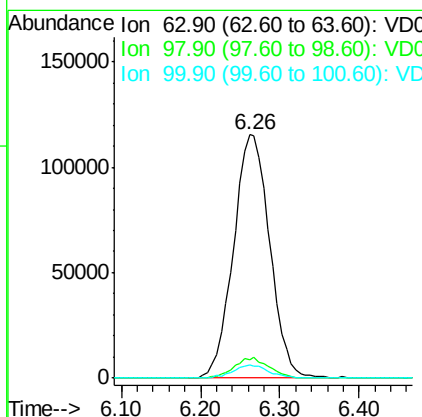
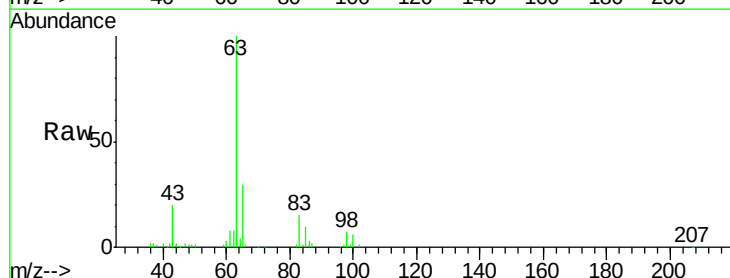
Manual Integrations
 APPROVED

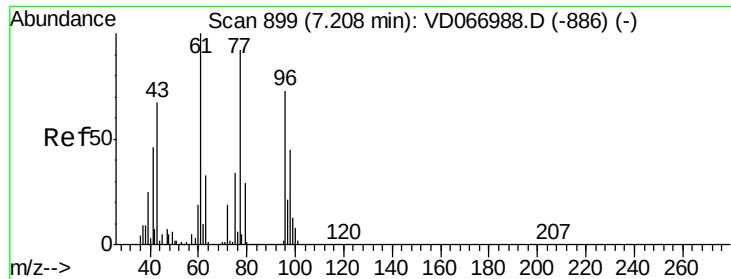
MMDadoda
 10/2/2020 3:13:47 PM



#24
 1,1-Dichloroethane
 Concen: 51.605 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion: 63 Resp: 365617
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.2 12.6
 100 5.6 2.6 7.8





#25

2-Butanone

Concen: 262.939 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 225068

Ion Ratio Lower Upper

43 100

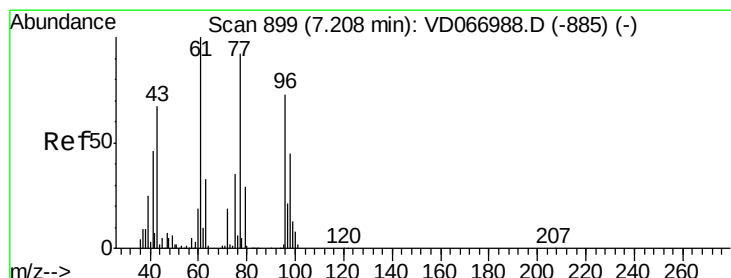
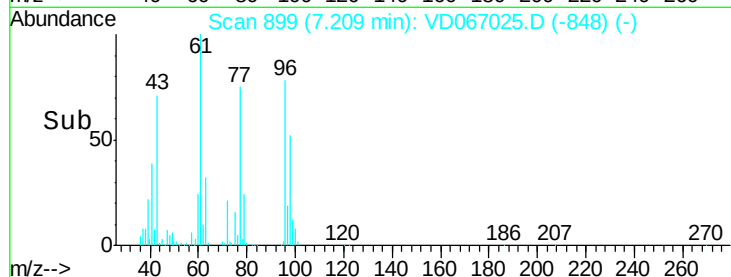
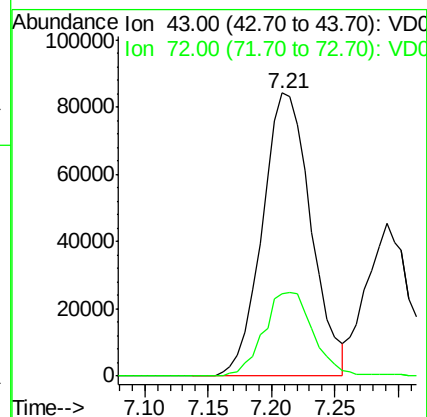
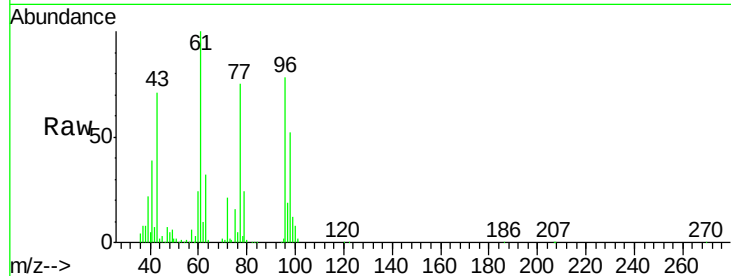
72 29.2 22.8 34.2

Manual Integrations

APPROVED

MMDadoda

10/2/2020 3:13:47 PM



#26

2,2-Dichloropropane

Concen: 43.440 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067025.D

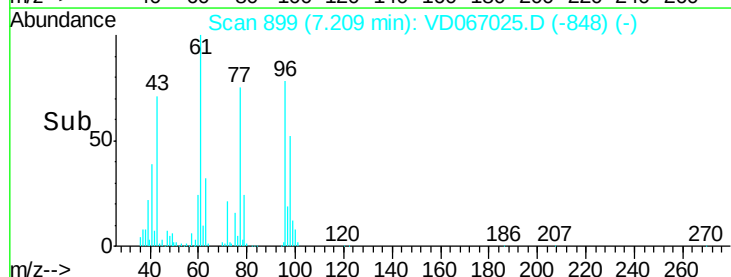
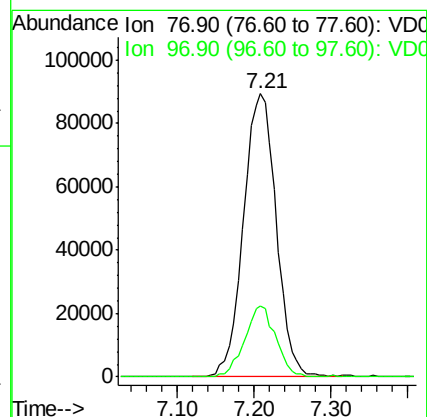
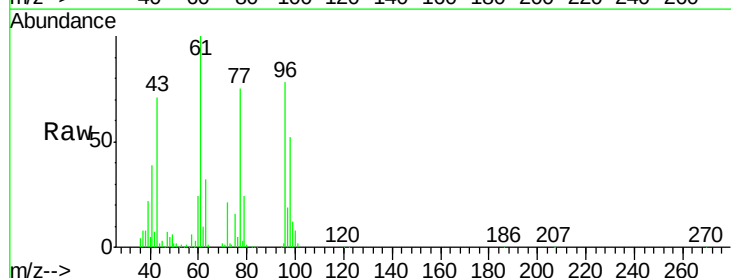
Acq: 02 Oct 2020 07:28

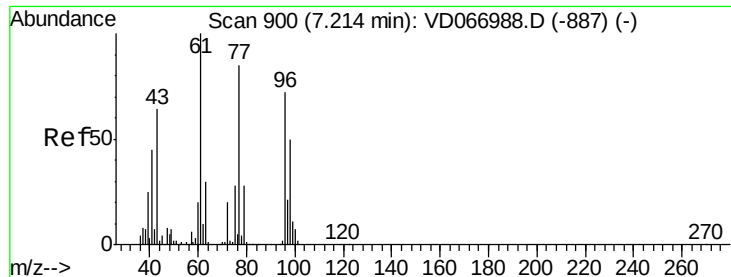
Tgt Ion: 77 Resp: 266447

Ion Ratio Lower Upper

77 100

97 23.7 11.4 34.2





#27

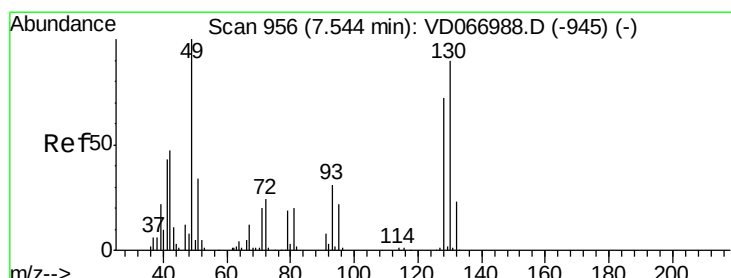
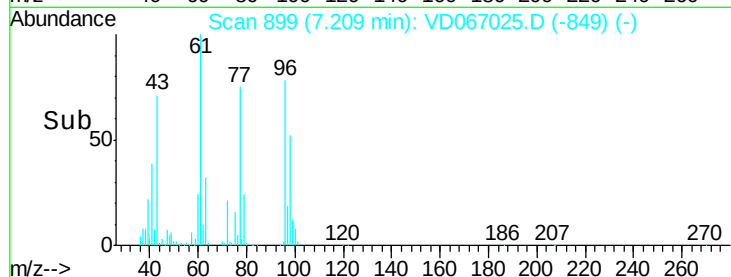
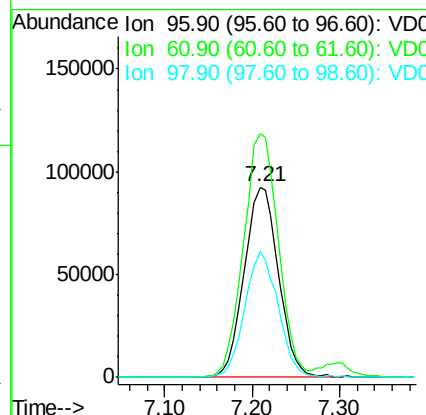
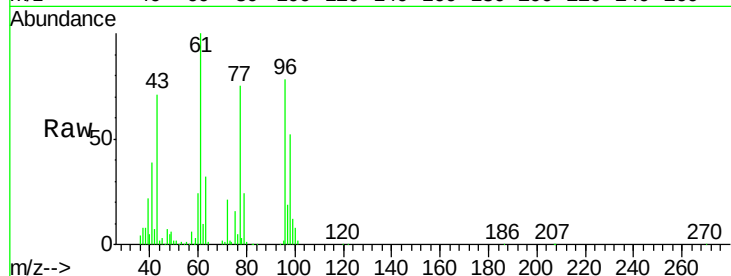
cis-1,2-Dichloroethene
 Concen: 52.231 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	269.2
98	64.7	0.0	129.4

Manual Integrations
 APPROVED

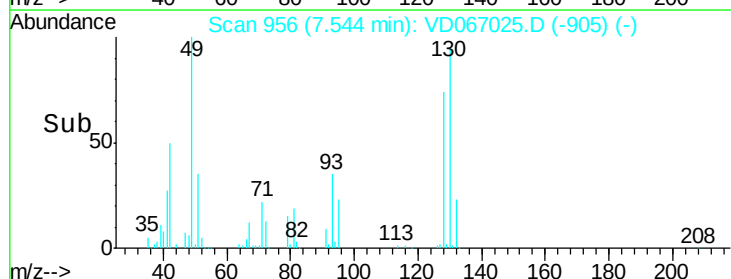
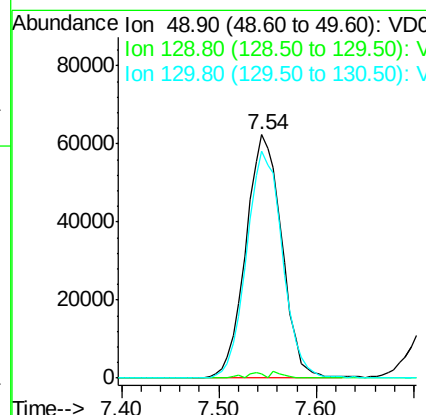
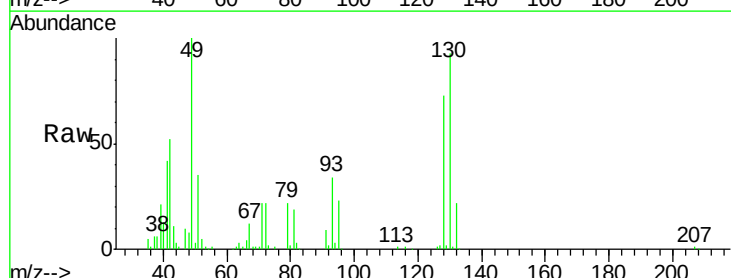
MMDadoda
 10/2/2020 3:13:47 PM

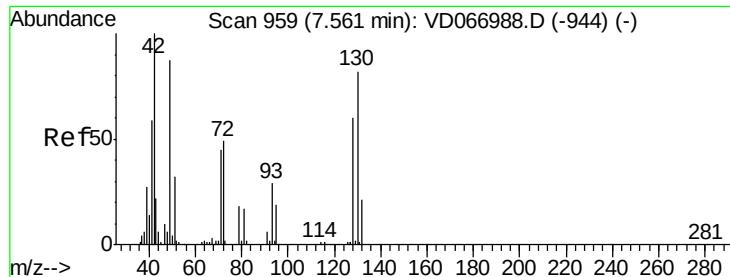


#28

Bromochloromethane
 Concen: 58.466 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	93.0	74.1	111.1





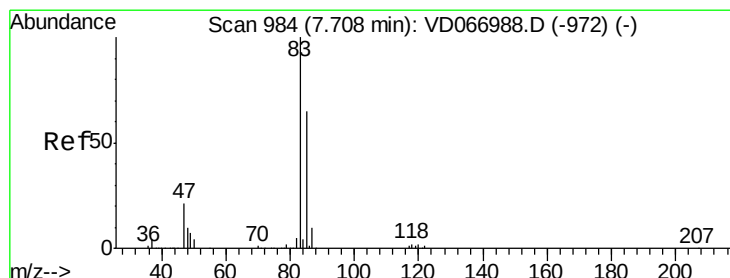
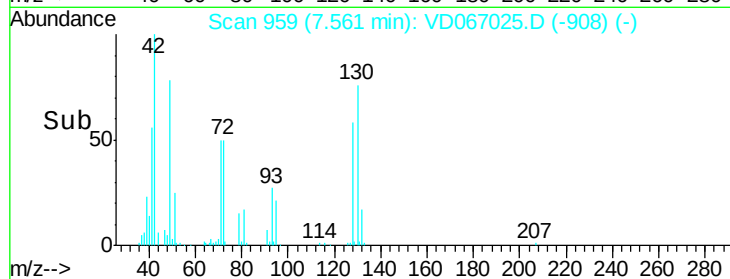
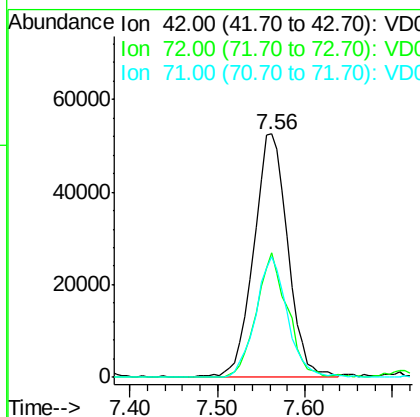
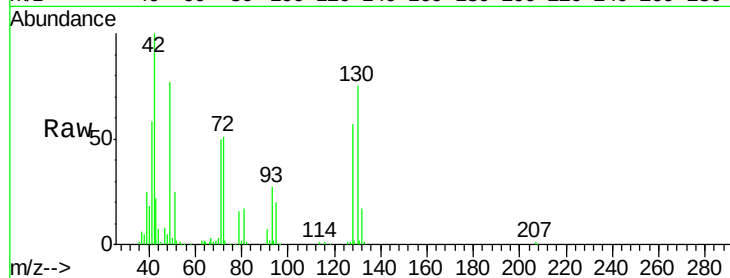
#29
Tetrahydrofuran
Concen: 285.343 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	39.1	58.7
71	46.4	34.2	51.4

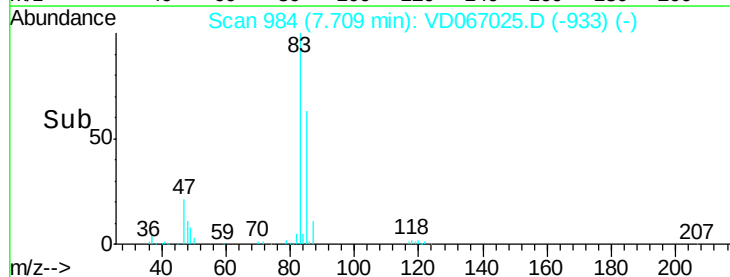
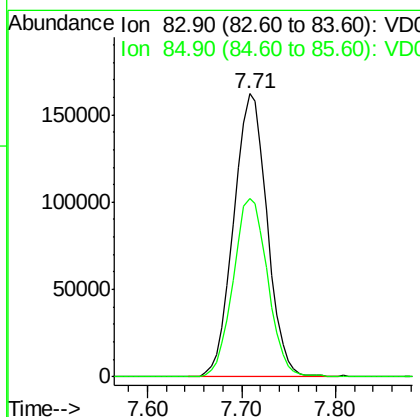
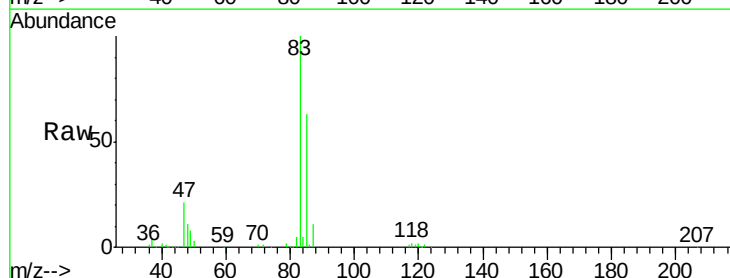
Manual Integrations
APPROVED

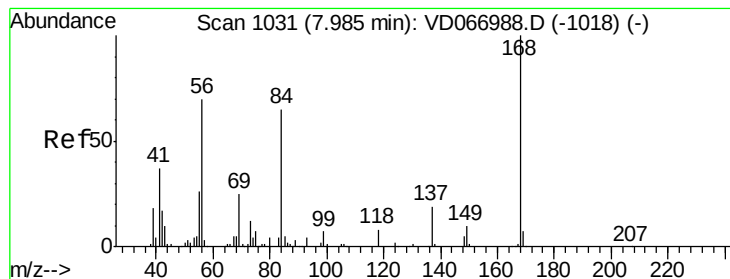
MMDadoda
10/2/2020 3:13:47 PM



#30
Chloroform
Concen: 52.190 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.3	78.5





#31

Cyclohexane

Concen: 41.039 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

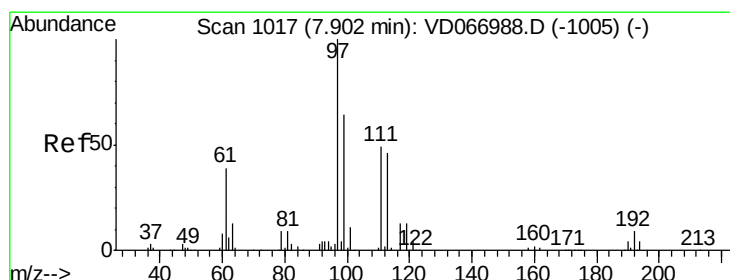
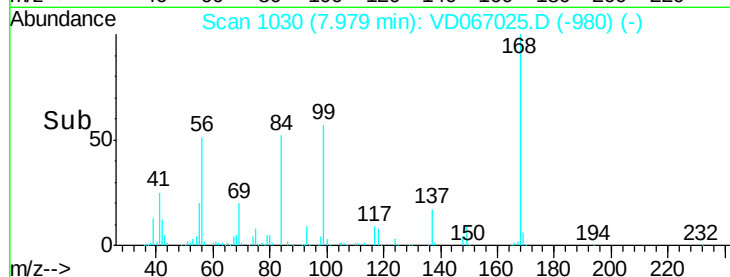
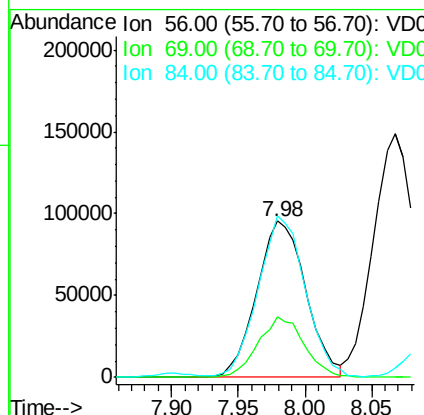
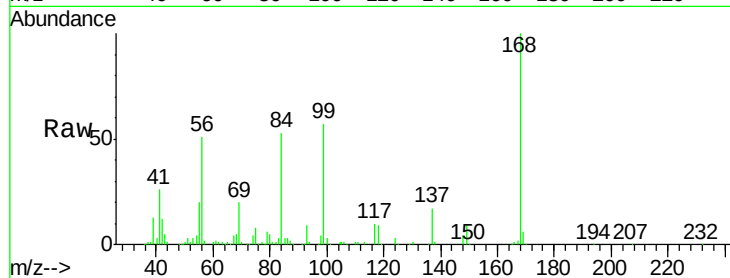
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	243757
Ion Ratio	Lower	Upper	
56	100		
69	38.5	29.0	43.6
84	101.4	74.2	111.2

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:47 PM



#32

1,1,1-Trichloroethane

Concen: 48.097 ug/l

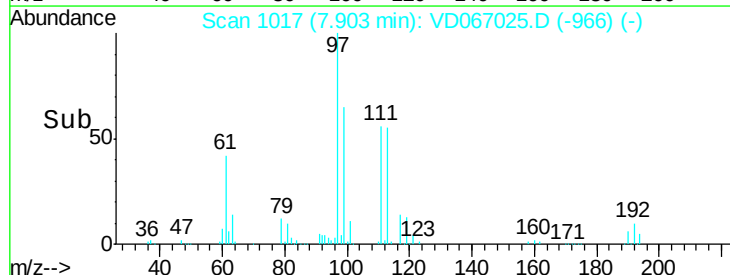
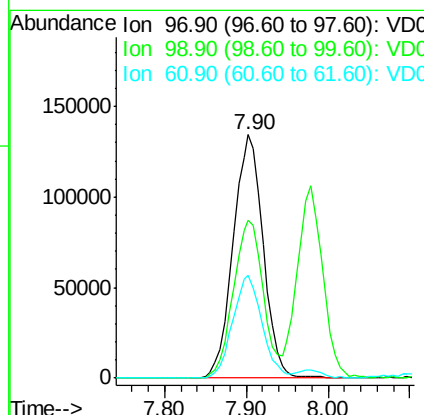
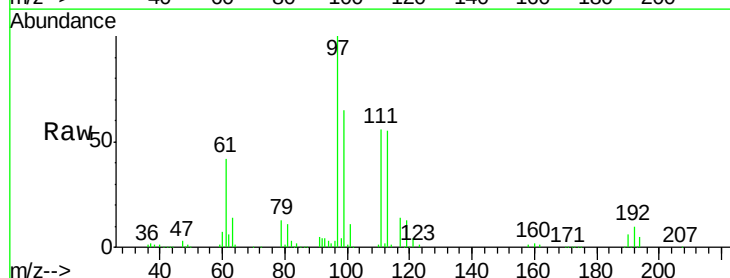
RT: 7.90 min Scan# 1017

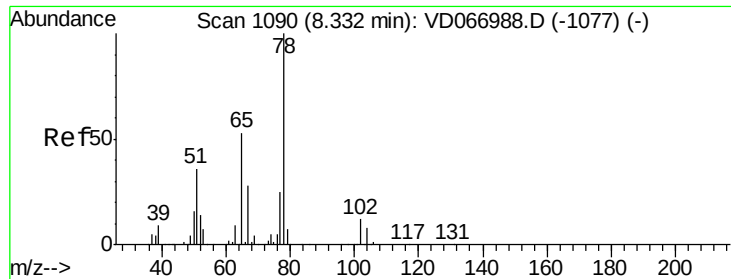
Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Tgt Ion:	97	Resp:	342581
Ion Ratio	Lower	Upper	
97	100		
99	65.3	52.6	78.8
61	40.9	32.8	49.2





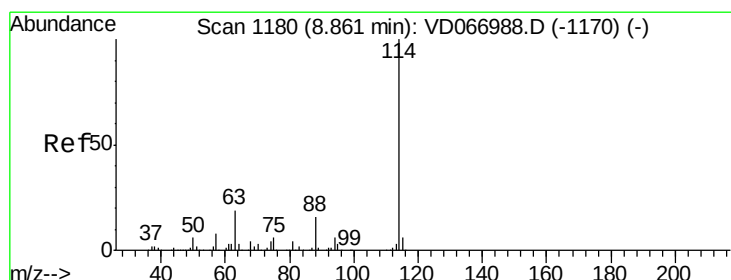
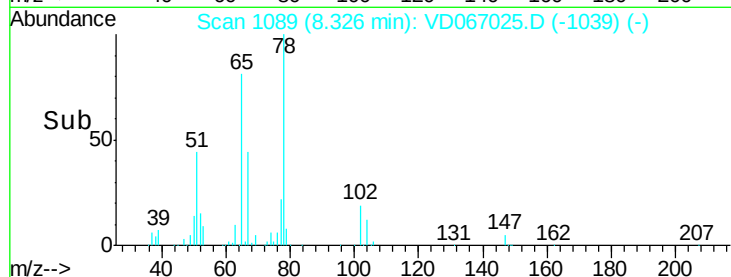
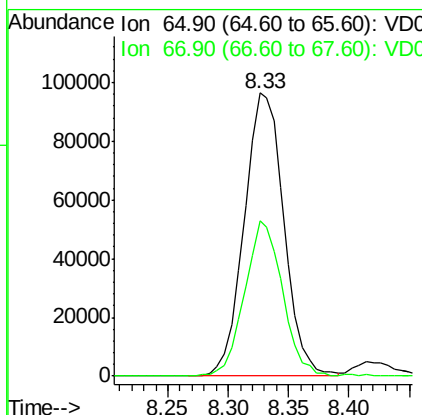
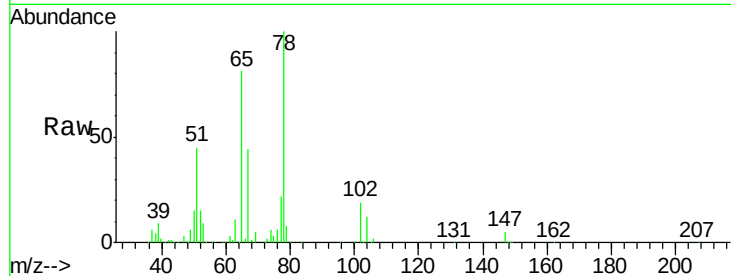
#33
 1,2-Dichloroethane-d4
 Concen: 55.971 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	221369		
67	52.3	0.0	106.8	

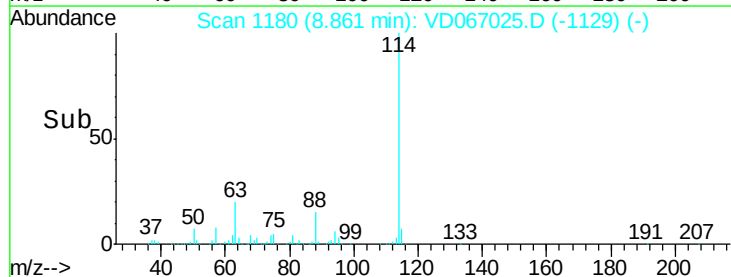
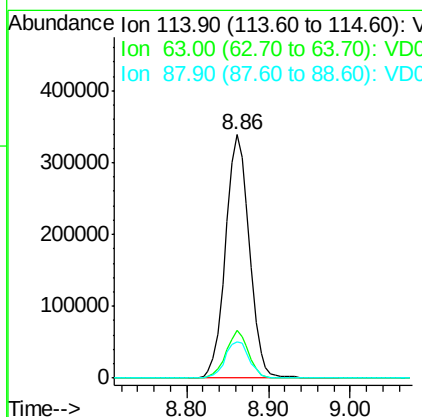
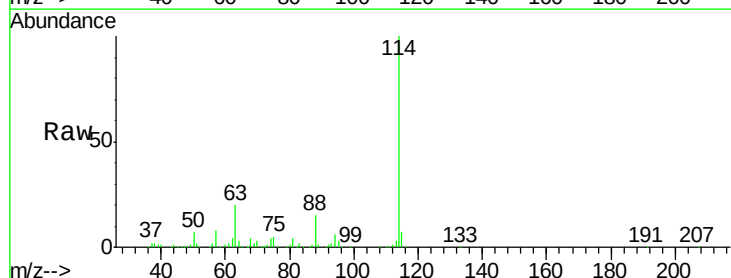
Manual Integrations
 APPROVED

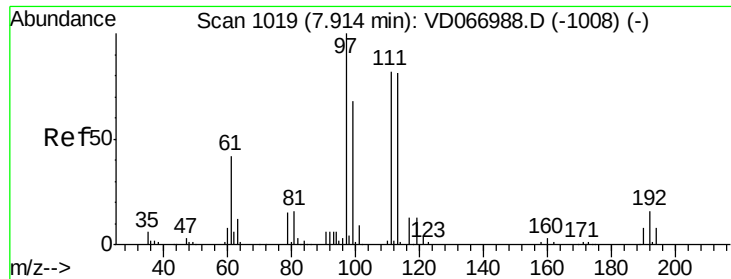
MMDadoda
 10/2/2020 3:13:47 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	687482		
63	19.6	0.0	38.4	
88	15.1	0.0	31.2	





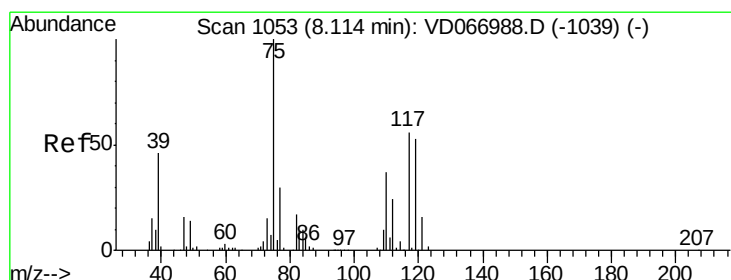
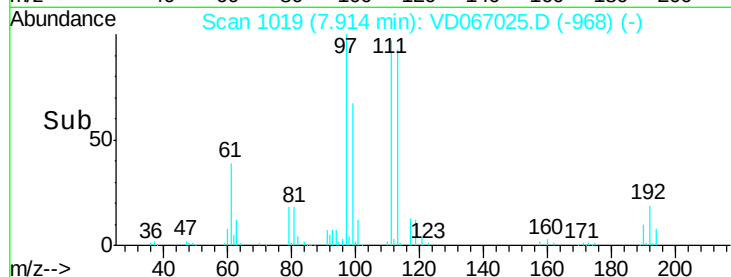
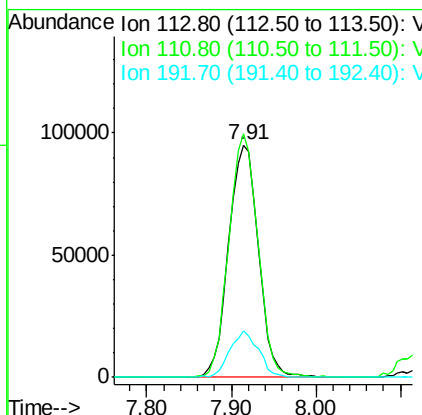
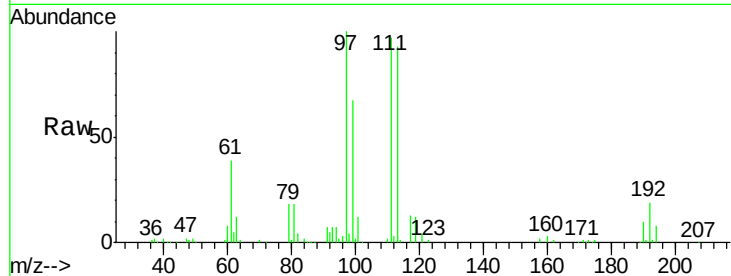
#35
 Dibromofluoromethane
 Concen: 51.402 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	231353		
111	101.5	83.0	124.4	
192	19.3	15.5	23.3	

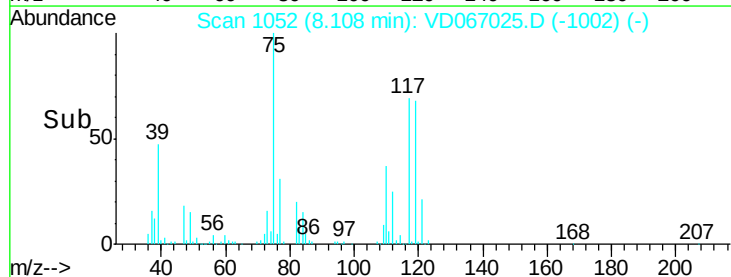
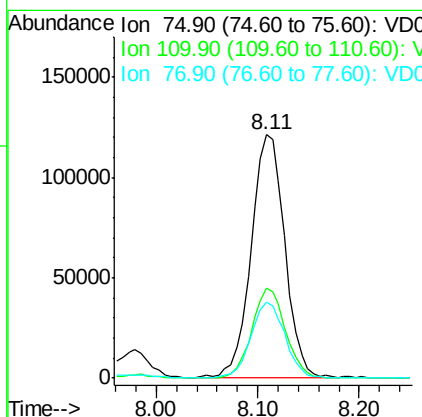
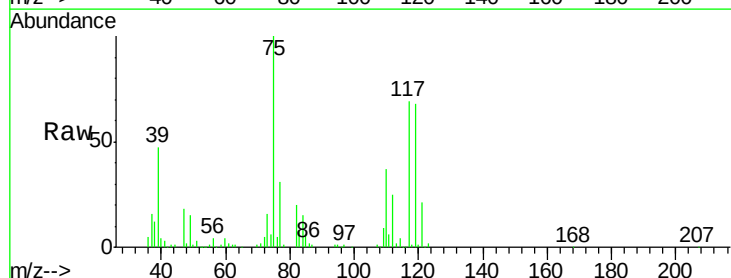
Manual Integrations
 APPROVED

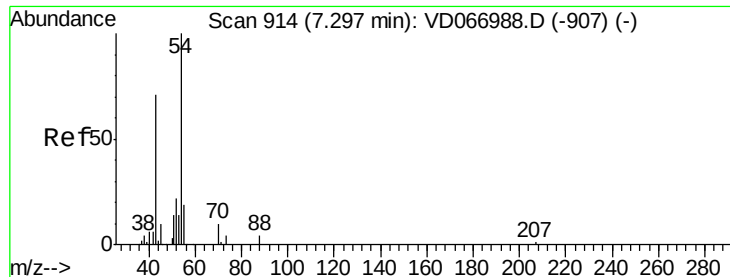
MMDadoda
 10/2/2020 3:13:47 PM



#36
 1,1-Dichloropropene
 Concen: 43.725 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	280193		
110	36.8	18.4	55.0	
77	31.8	24.8	37.2	





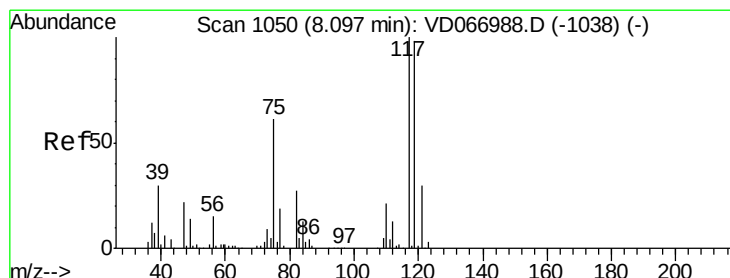
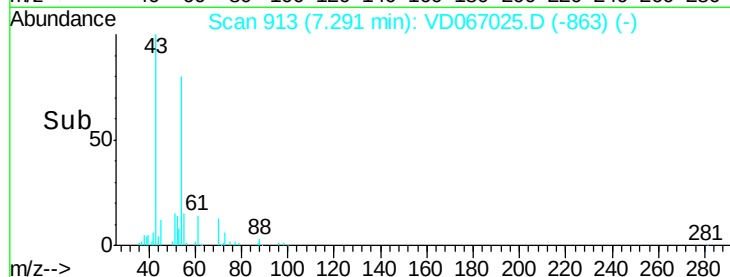
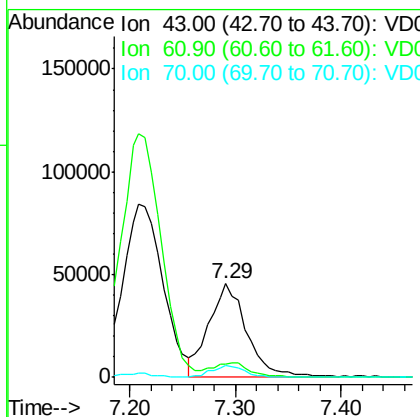
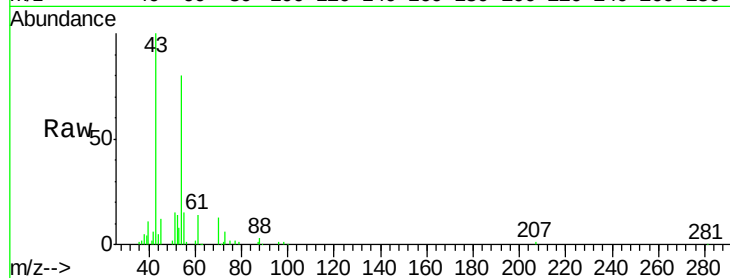
#37
Ethyl Acetate
Concen: 50.300 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.5	18.7
70	11.8	9.4	14.0

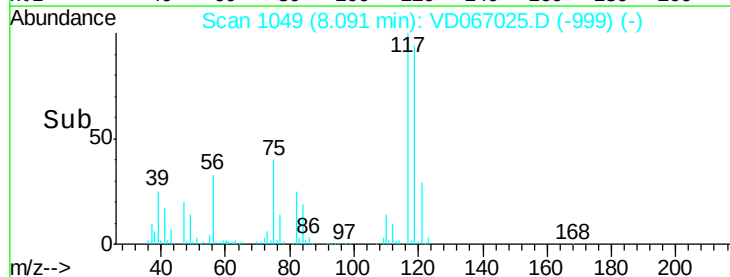
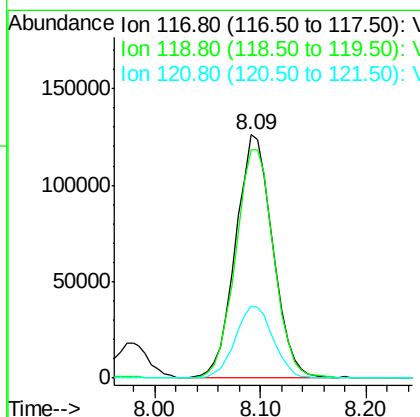
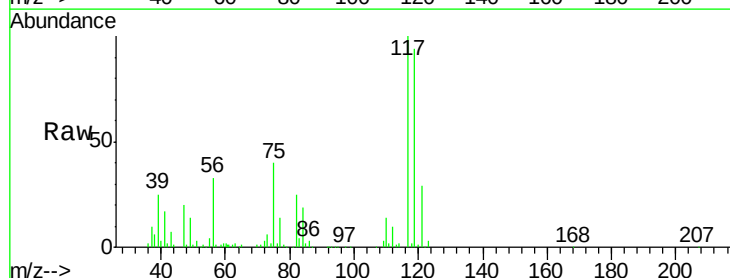
Manual Integrations
APPROVED

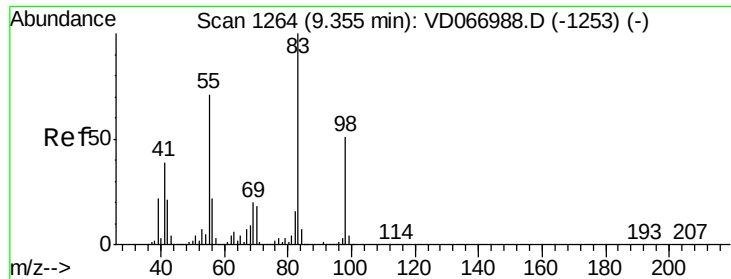
MMDadoda
10/2/2020 3:13:47 PM



#38
Carbon Tetrachloride
Concen: 44.529 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.7	118.1
121	29.4	24.2	36.2





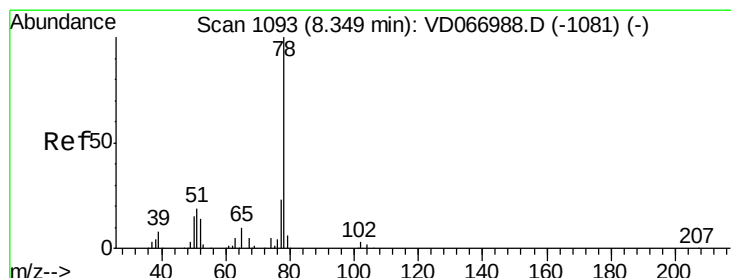
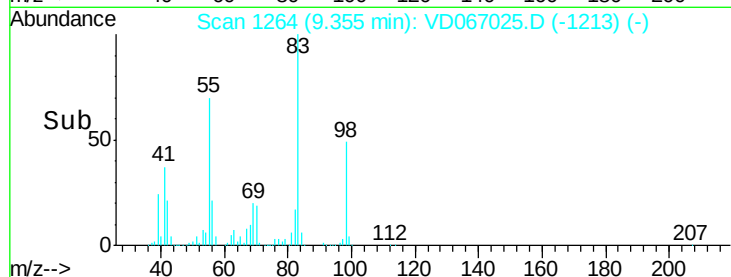
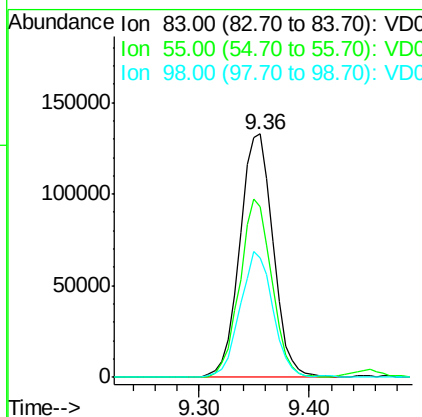
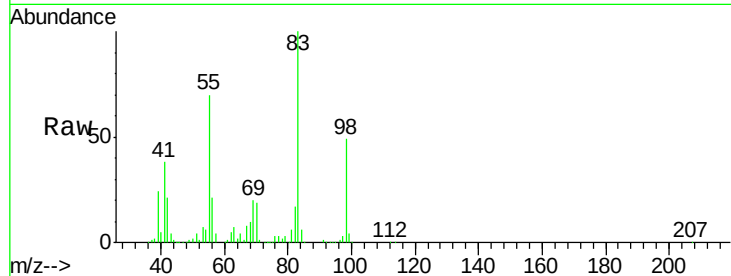
#39
Methylvlcyclohexane
Concen: 41.683 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.3	57.1	85.7
98	49.2	40.9	61.3

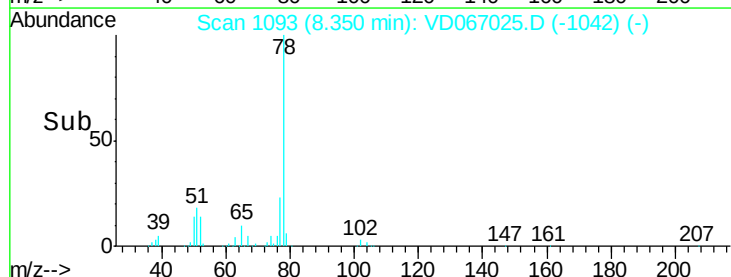
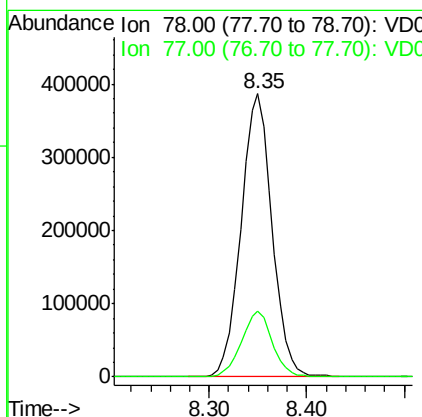
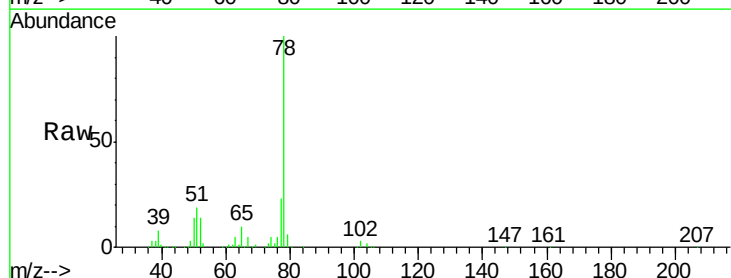
Manual Integrations
APPROVED

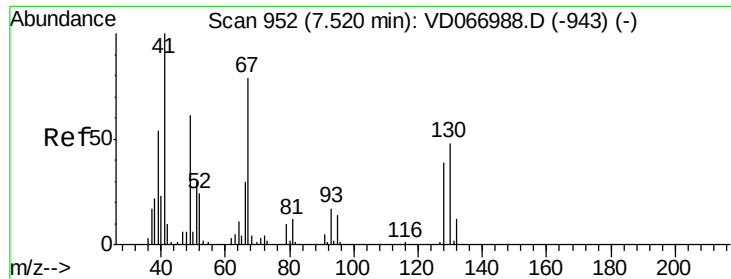
MMDadoda
10/2/2020 3:13:47 PM



#40
Benzene
Concen: 48.184 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.4	27.6





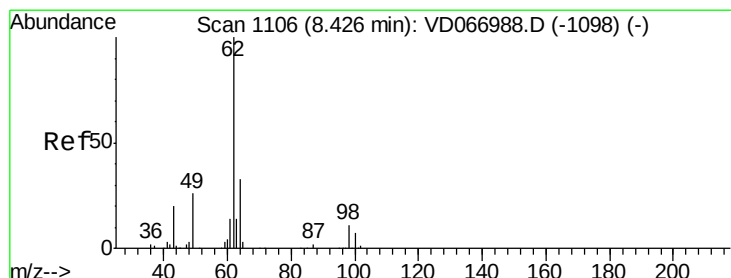
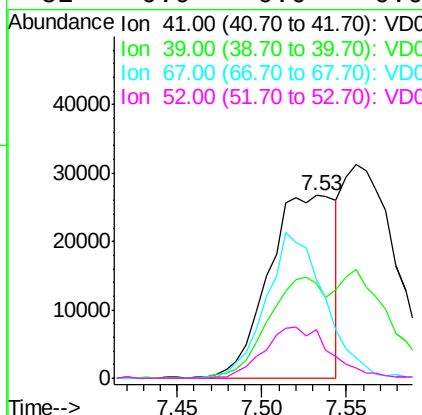
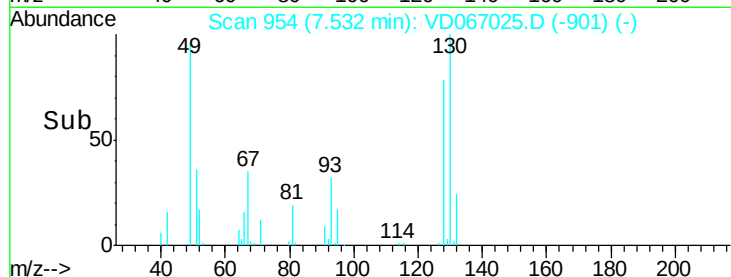
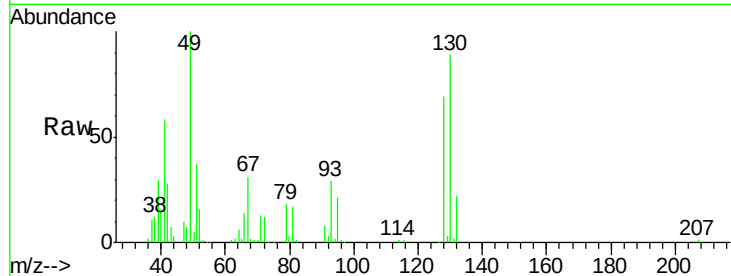
#41
Methacrylonitrile
Concen: 61.500 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	73758
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

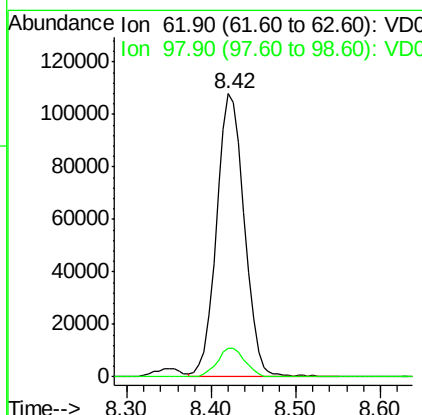
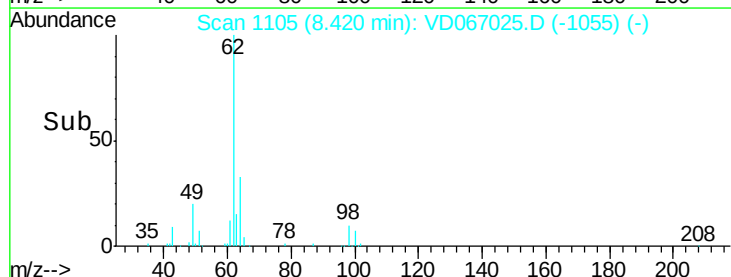
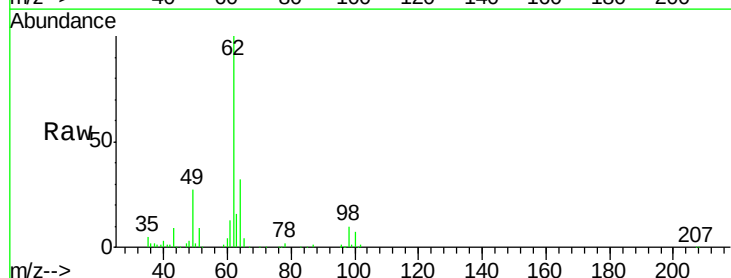
Manual Integrations
APPROVED

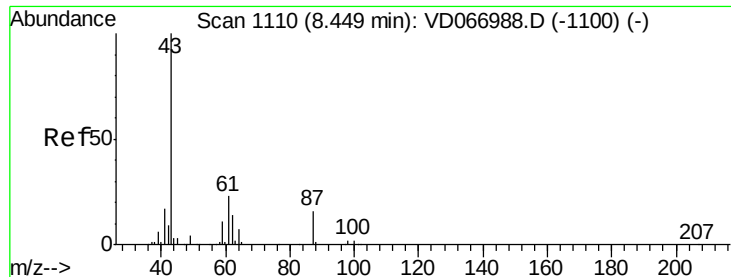
MMDadoda
10/2/2020 3:13:47 PM



#42
1,2-Dichloroethane
Concen: 49.669 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	62	Resp	247029
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.6





#43

Isopropyl Acetate

Concen: 50.596 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

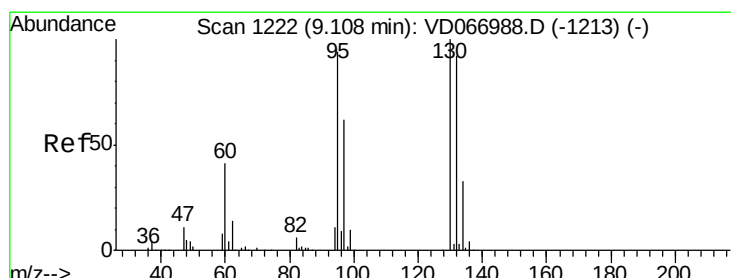
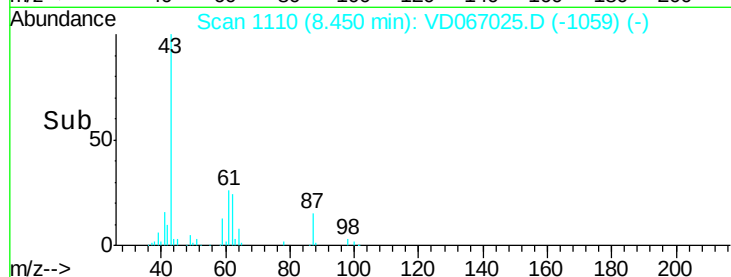
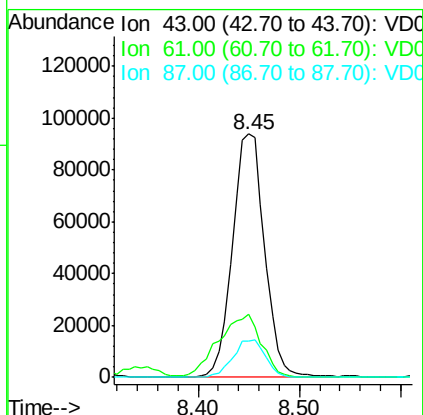
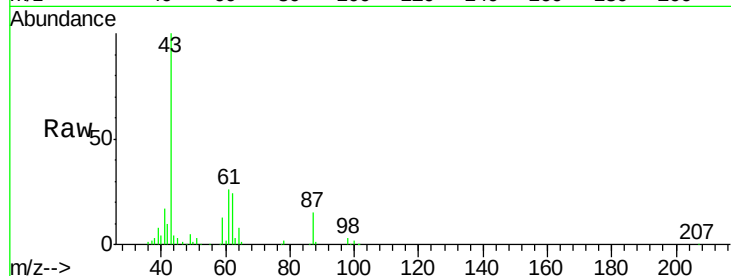
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	206917
Ion	Ratio	Lower	Upper
43	100		
61	34.4	27.1	40.7
87	15.4	12.3	18.5

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:47 PM



#44

Trichloroethene

Concen: 46.265 ug/l

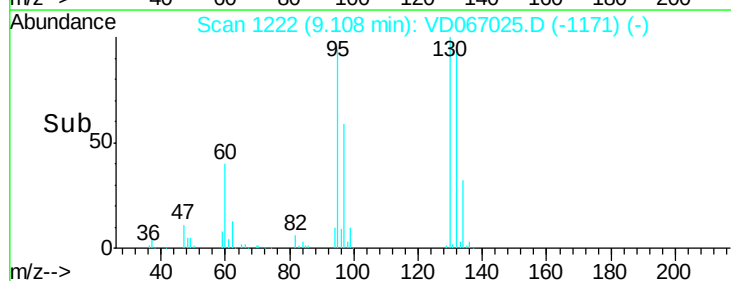
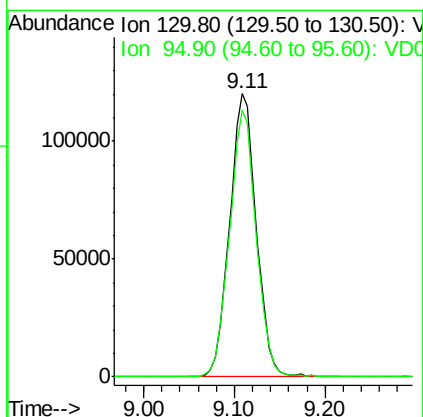
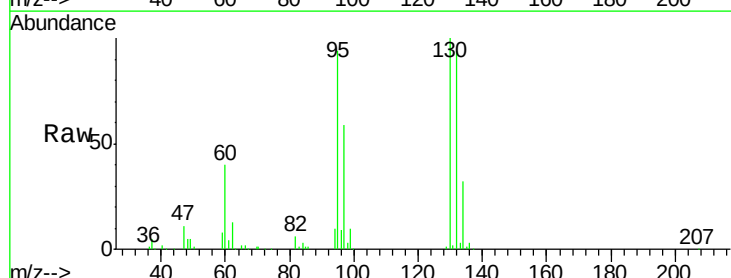
RT: 9.11 min Scan# 1222

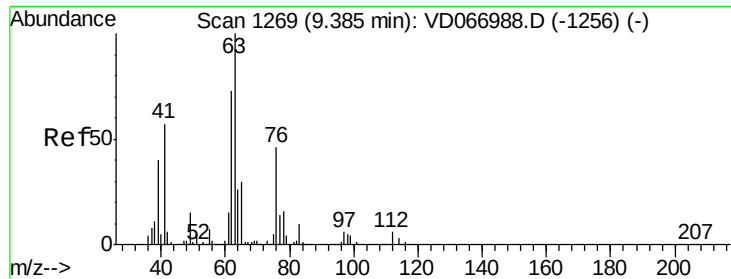
Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Tgt Ion:	130	Resp:	245896
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	187.8





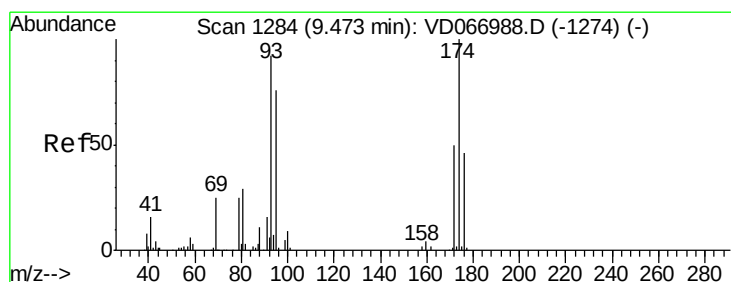
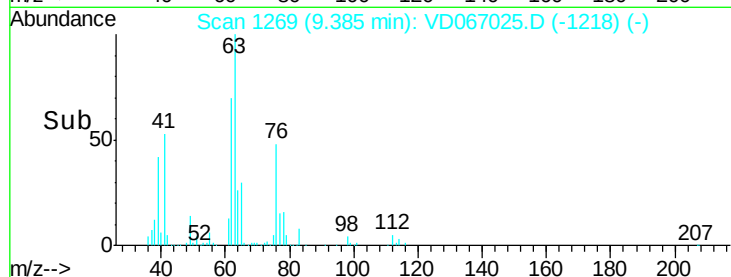
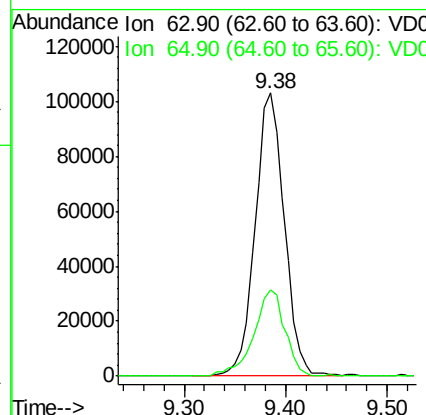
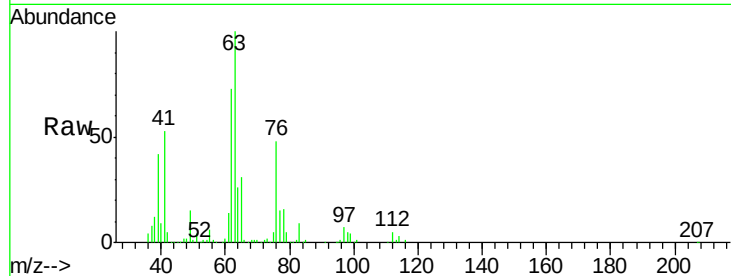
#45
 1,2-Dichloropropane
 Concen: 49.546 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.7	35.5

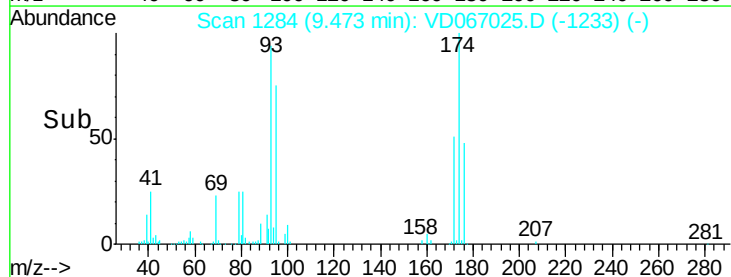
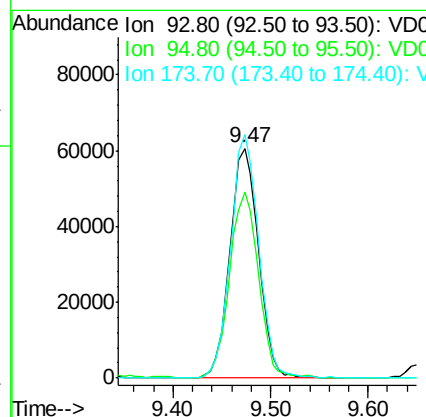
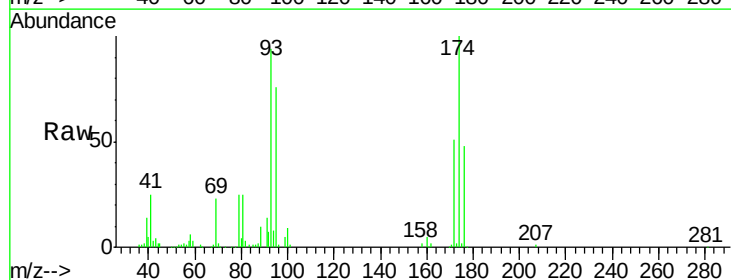
Manual Integrations
 APPROVED

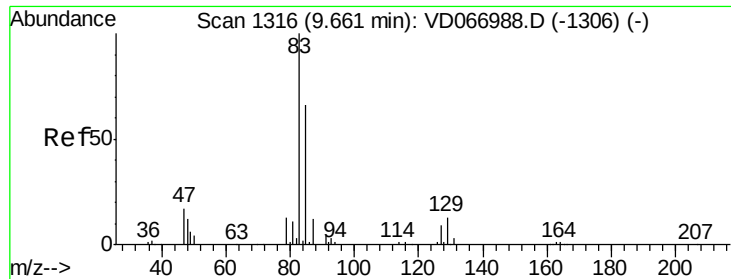
MMDadoda
 10/2/2020 3:13:47 PM



#46
 Dibromomethane
 Concen: 51.558 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	64.7	97.1
174	103.5	81.4	122.2





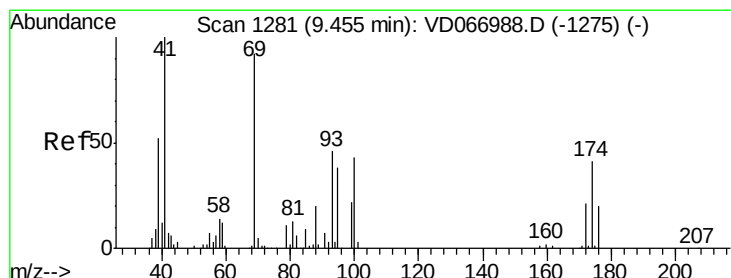
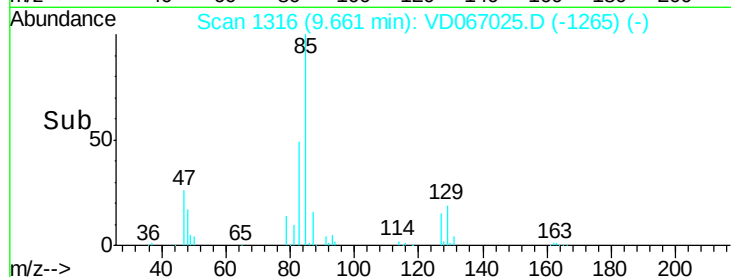
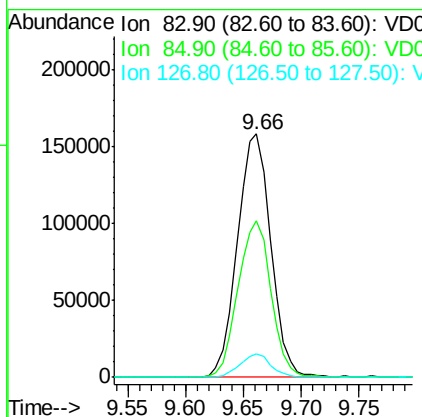
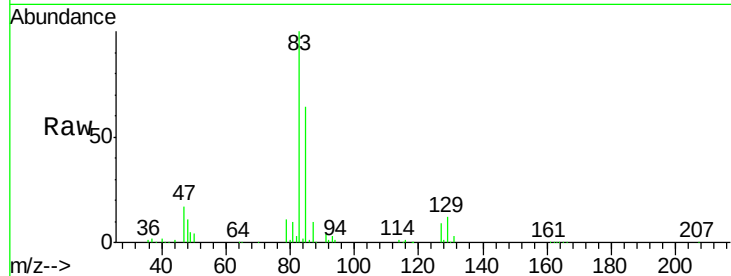
#47
Bromodichloromethane
Concen: 50.875 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	317875
Ion Ratio	100	Lower	Upper
83	100		
85	64.5	52.9	79.3
127	9.4	7.3	10.9

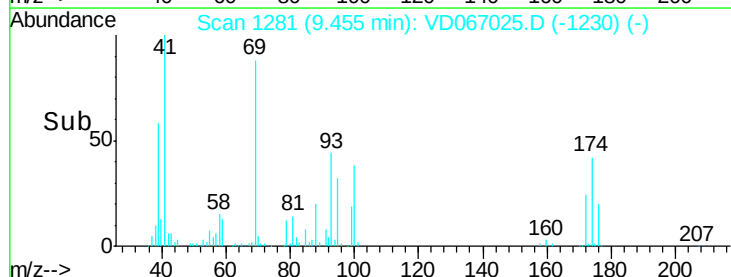
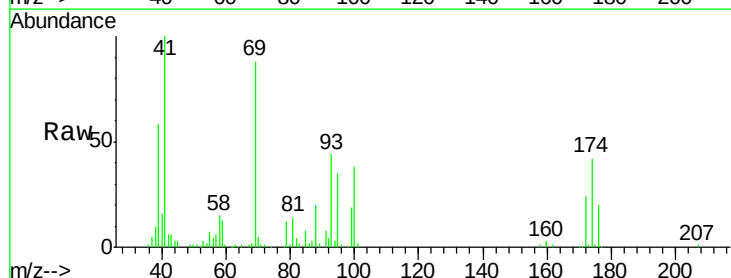
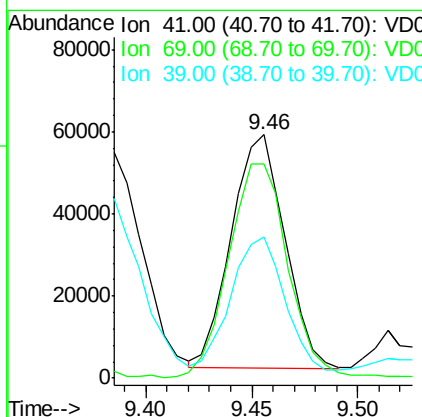
Manual Integrations
APPROVED

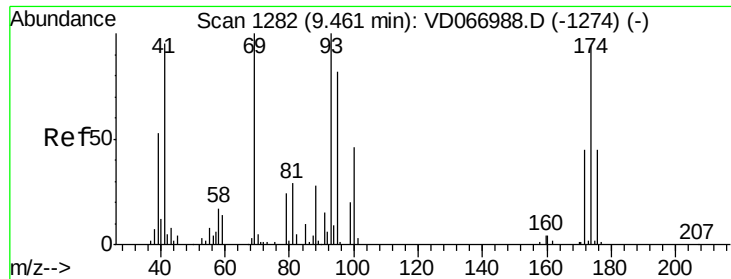
MMDadoda
10/2/2020 3:13:47 PM



#48
Methyl methacrylate
Concen: 47.995 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	41	Resp	100557
Ion Ratio	100	Lower	Upper
41	100		
69	101.2	68.5	102.7
39	63.8	40.2	60.2#





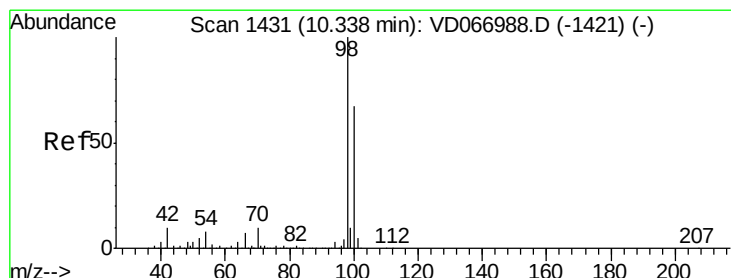
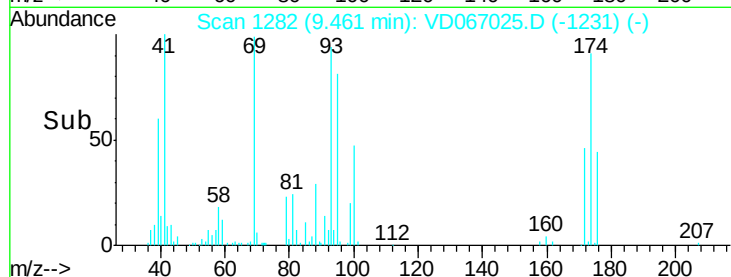
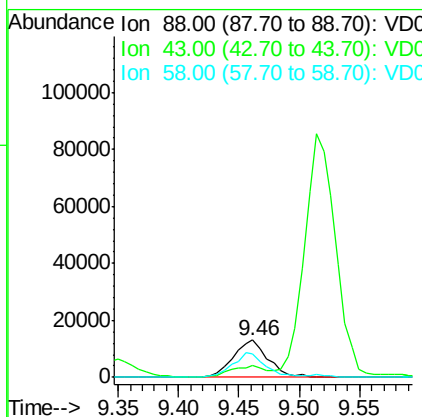
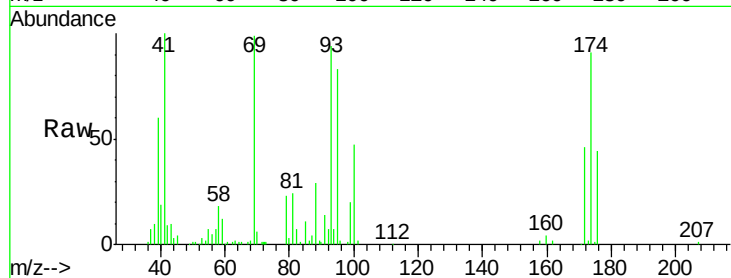
#49
1,4-Dioxane
Concen: 1054.122 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	26444
Ion Ratio	Lower	Upper	
88	100		
43	33.3	25.6	38.4
58	60.7	53.5	80.3

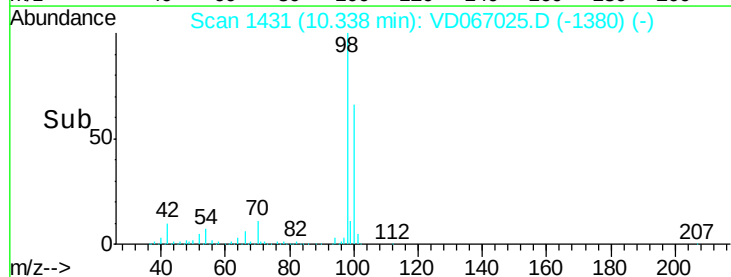
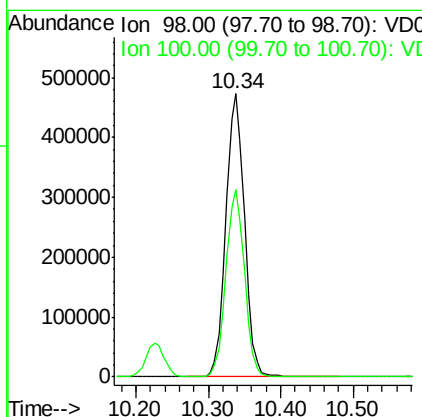
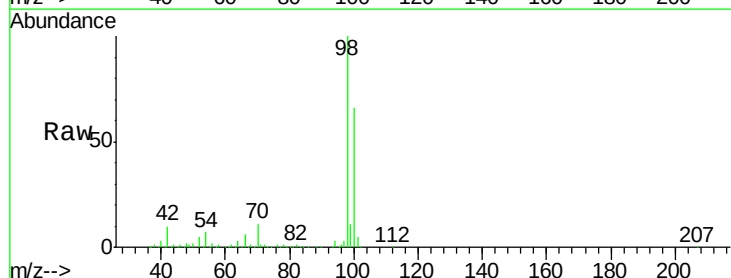
Manual Integrations
APPROVED

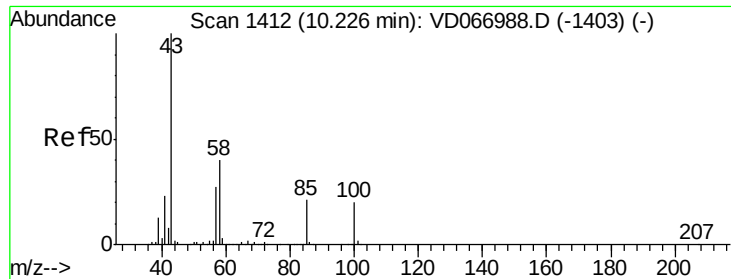
MMDadoda
10/2/2020 3:13:47 PM



#50
Toluene-d8
Concen: 51.407 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	98	Resp	843100
Ion Ratio	Lower	Upper	
98	100		
100	66.2	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 263.054 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 535847

Ion Ratio Lower Upper

43 100

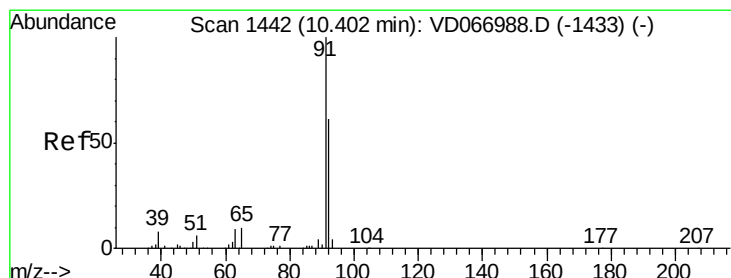
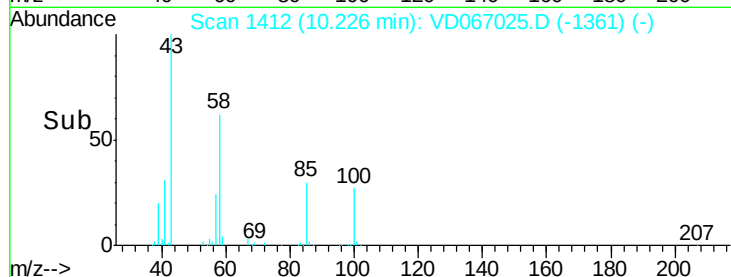
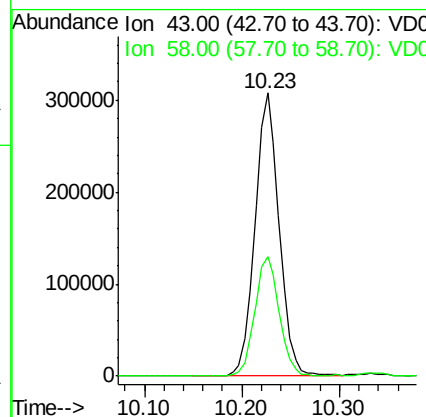
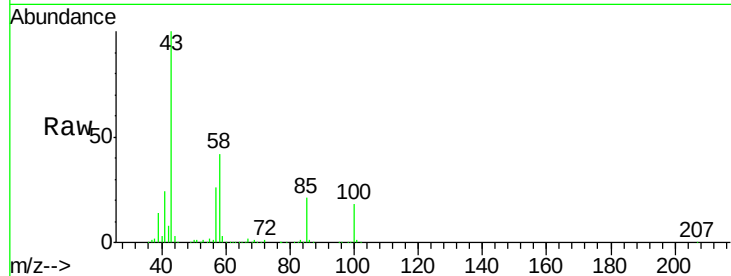
58 42.6 33.8 50.8

Manual Integrations

APPROVED

MMDadoda

10/2/2020 3:13:47 PM



#52

Toluene

Concen: 49.206 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067025.D

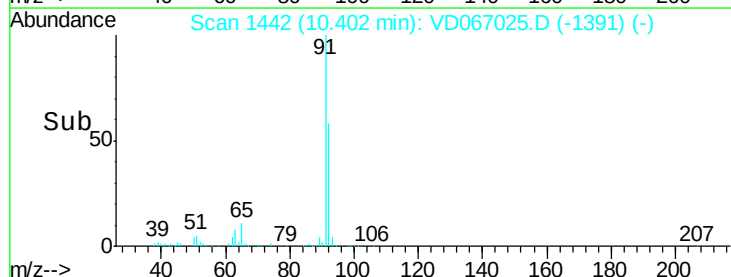
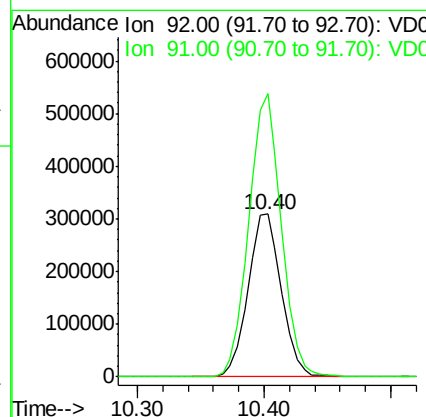
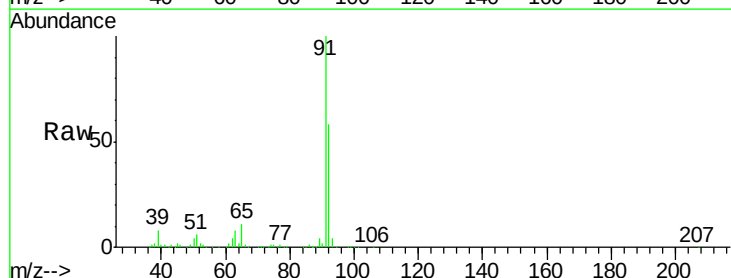
Acq: 02 Oct 2020 07:28

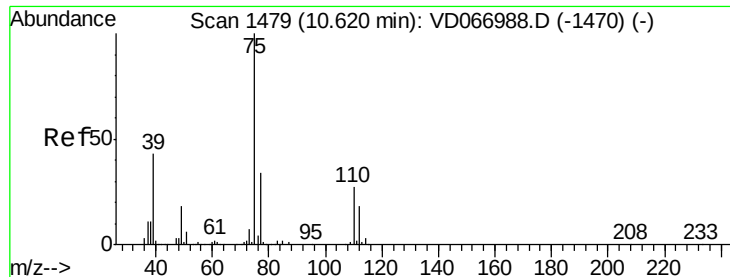
Tgt Ion: 92 Resp: 564174

Ion Ratio Lower Upper

92 100

91 170.3 135.1 202.7





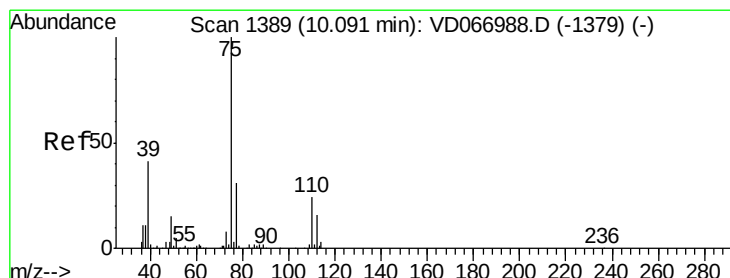
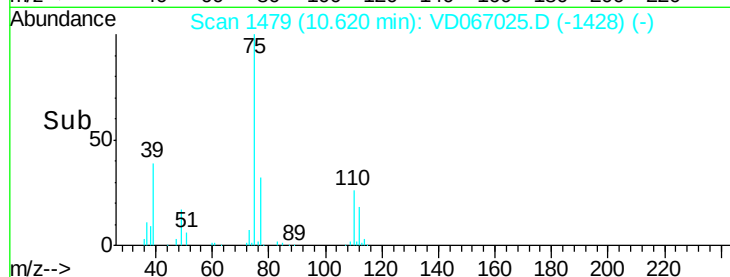
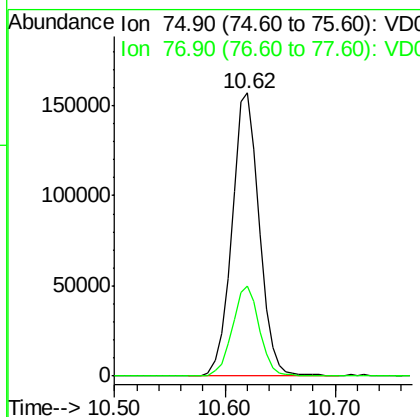
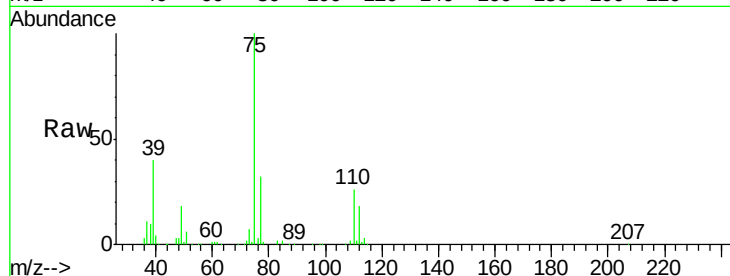
#53
 t-1,3-Dichloropropene
 Concen: 48.766 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 272315
 Ion Ratio Lower Upper
 75 100
 77 31.9 27.1 40.7

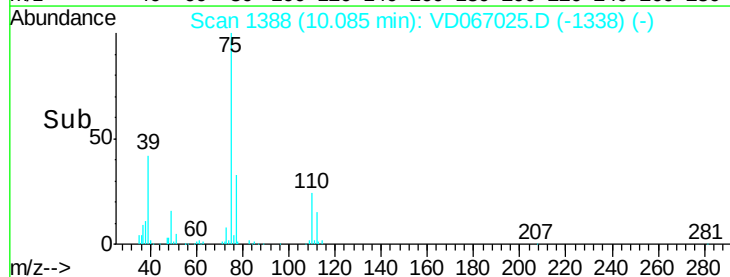
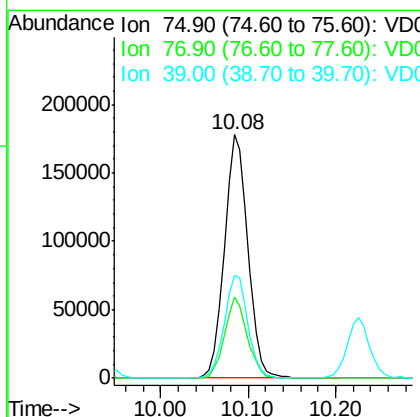
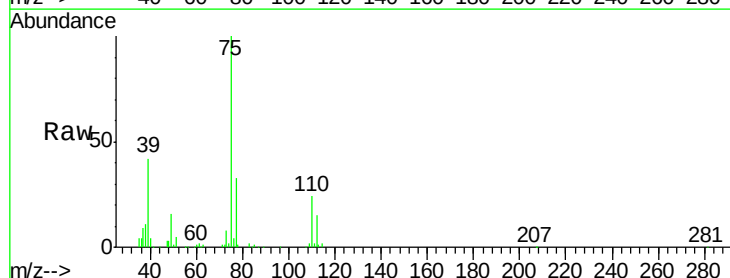
Manual Integrations
 APPROVED

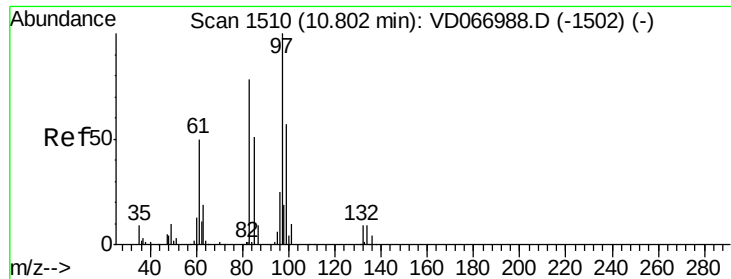
MMDadoda
 10/2/2020 3:13:47 PM



#54
 cis-1,3-Dichloropropene
 Concen: 47.940 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion: 75 Resp: 326894
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.6 37.0
 39 41.9 33.0 49.4





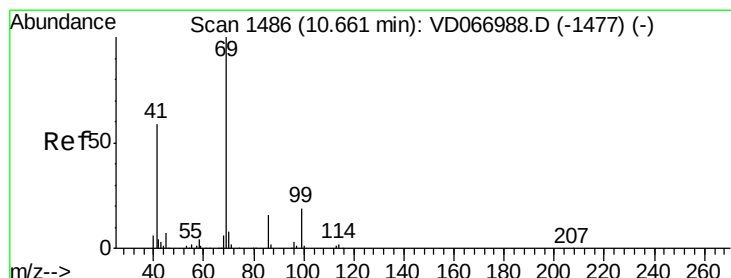
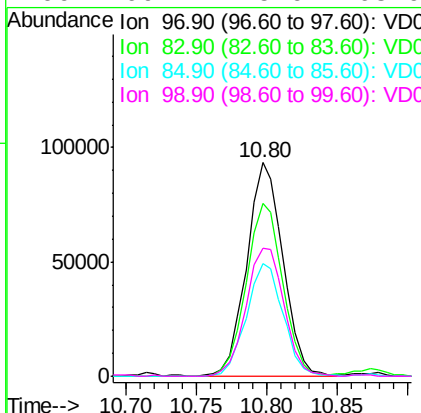
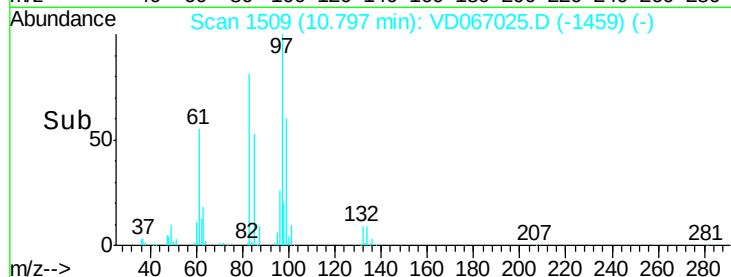
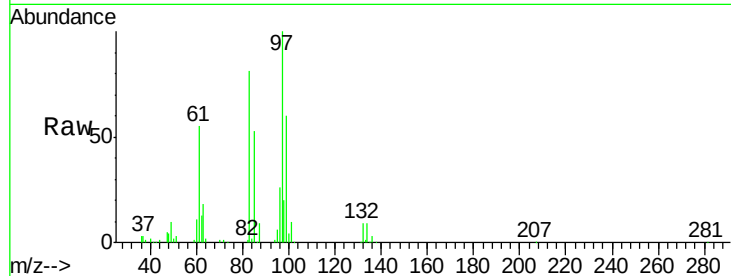
#55
 1,1,2-Trichloroethane
 Concen: 49.938 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		166883		
83	81.4	62.4	93.6		
85	53.1	41.0	61.4		
99	60.1	45.9	68.9		

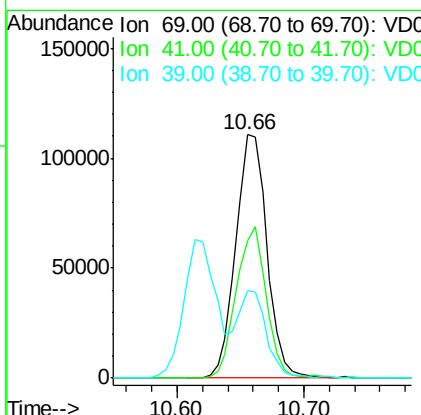
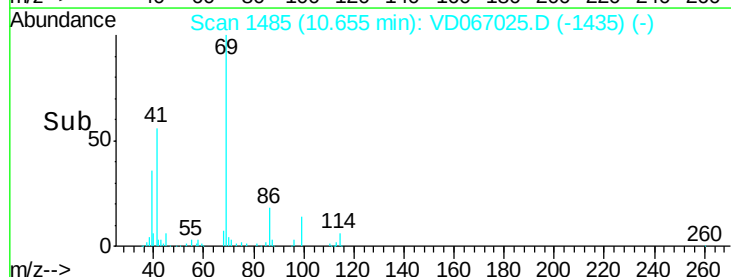
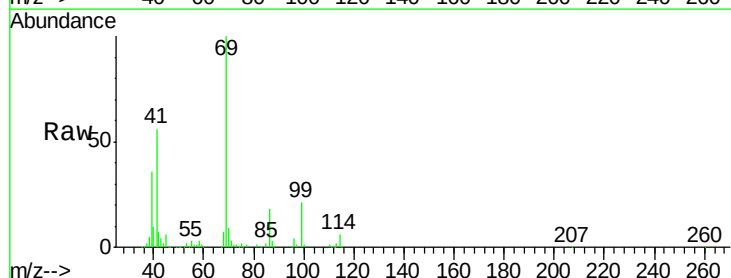
Manual Integrations
 APPROVED

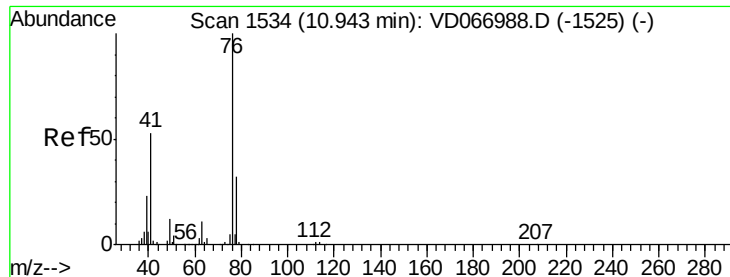
MMDadoda
 10/2/2020 3:13:47 PM



#56
 Ethyl methacrylate
 Concen: 54.903 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		189425		
41	58.7	46.4	69.6		
39	30.2	23.8	35.6		





#57

1,3-Dichloropropane

Concen: 51.171 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 277297

Ion Ratio Lower Upper

76 100

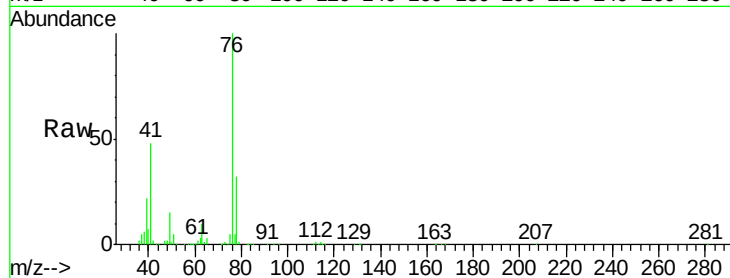
78 32.8 25.8 38.8

Manual Integrations

APPROVED

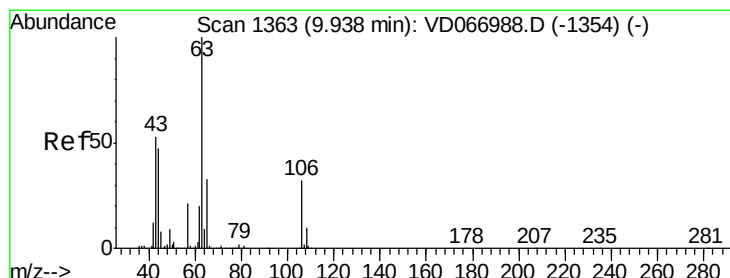
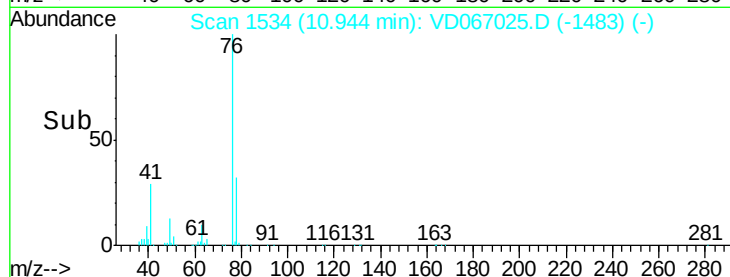
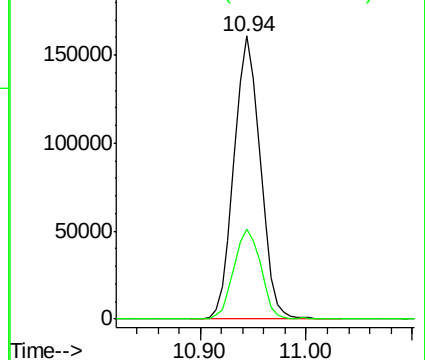
MMDadoda

10/2/2020 3:13:47 PM



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 281.024 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD067025.D

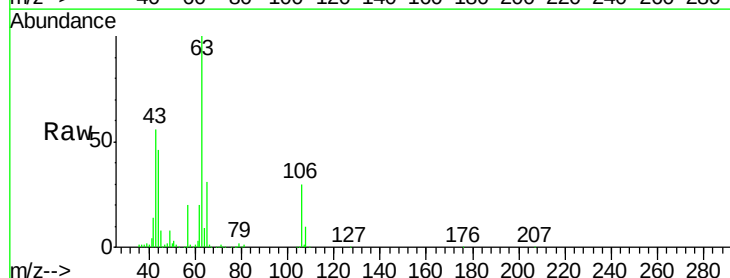
Acq: 02 Oct 2020 07:28

Tgt Ion: 63 Resp: 539656

Ion Ratio Lower Upper

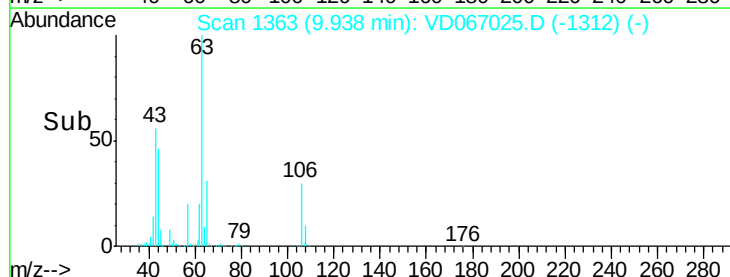
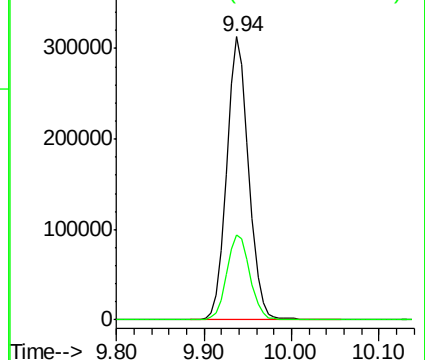
63 100

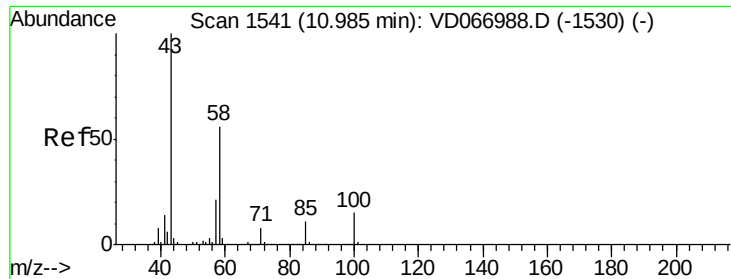
106 31.5 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





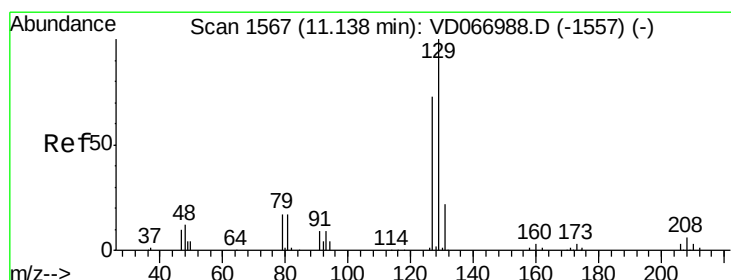
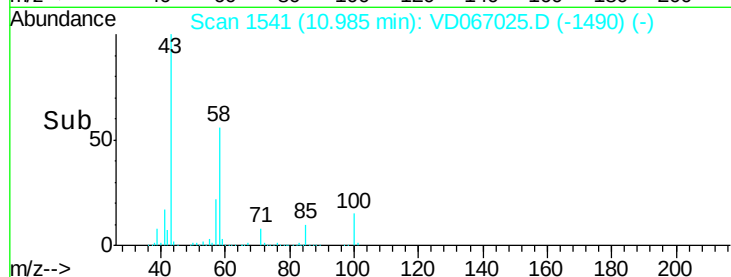
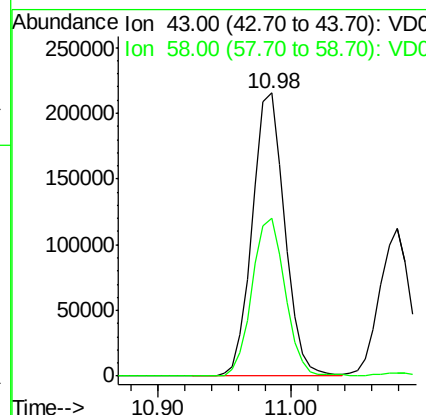
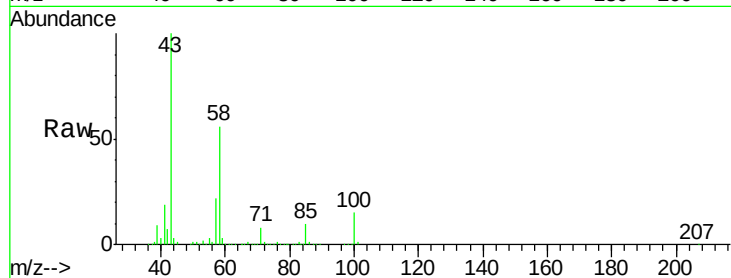
#59
2-Hexanone
Concen: 264.616 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.1	28.3	84.9

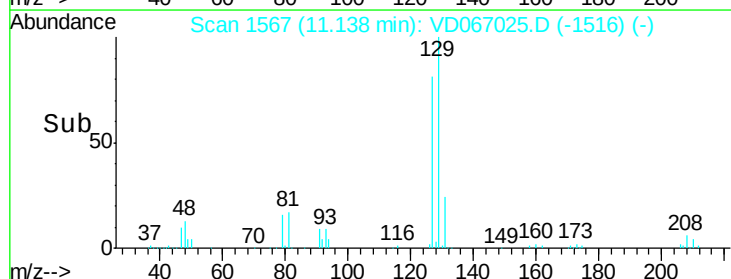
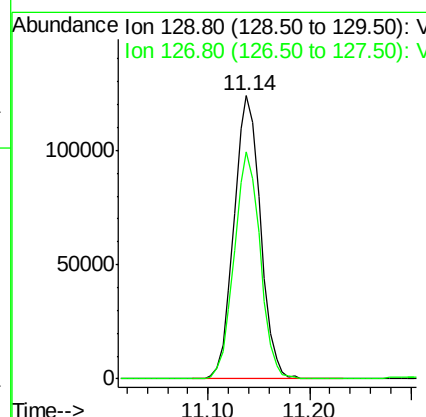
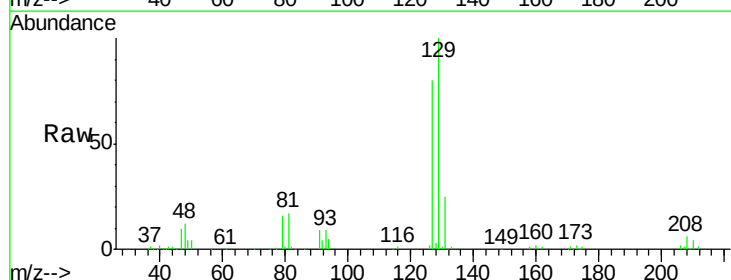
Manual Integrations
APPROVED

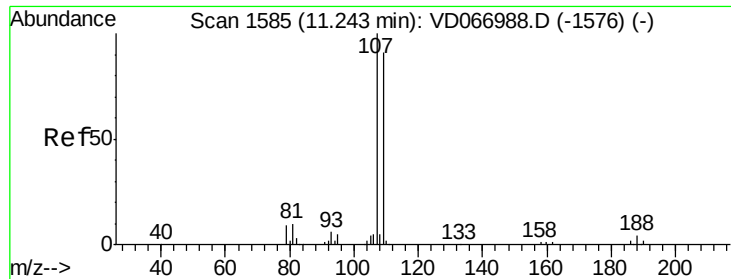
MMDadoda
10/2/2020 3:13:47 PM



#60
Dibromochloromethane
Concen: 50.450 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	37.4	112.1





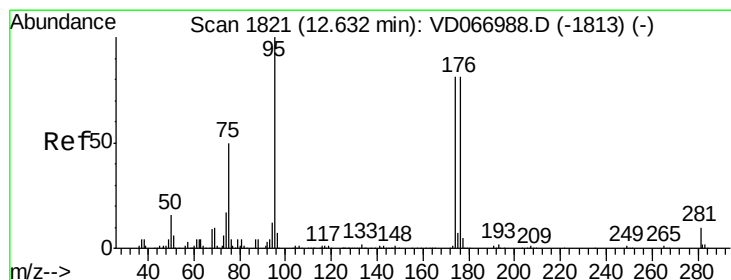
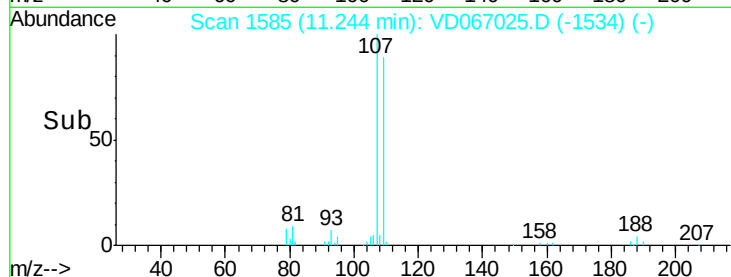
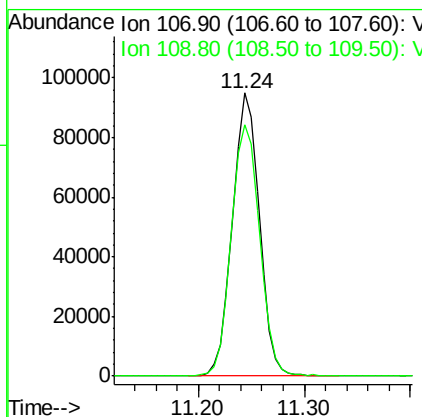
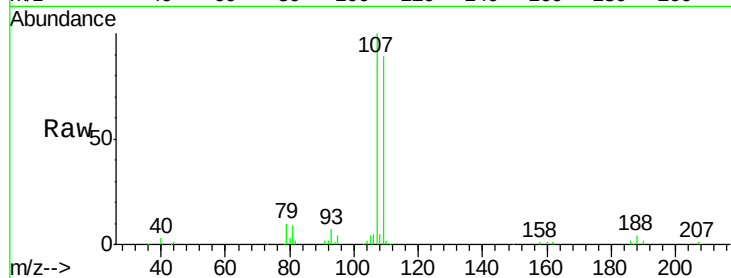
#61
 1,2-Dibromoethane
 Concen: 51.926 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.0	111.0

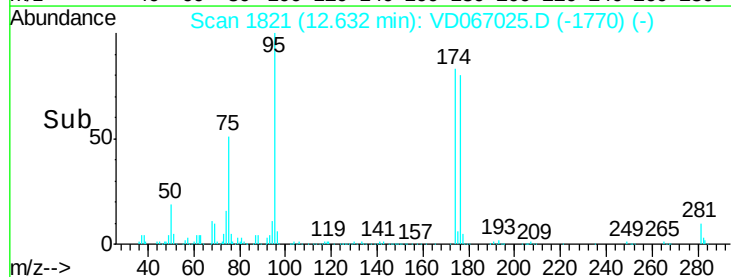
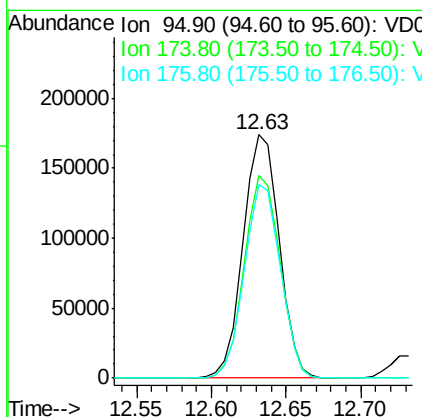
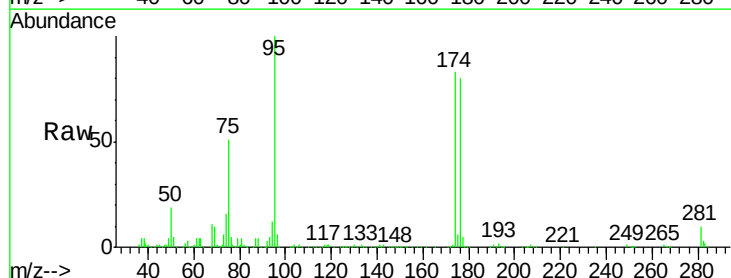
Manual Integrations
 APPROVED

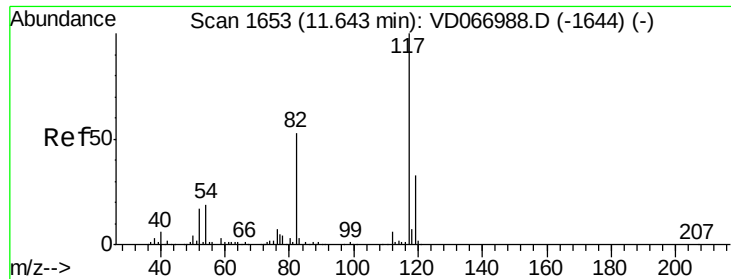
MMDadoda
 10/2/2020 3:13:47 PM



#62
 4-Bromofluorobenzene
 Concen: 52.194 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	167.6
176	79.6	0.0	162.4





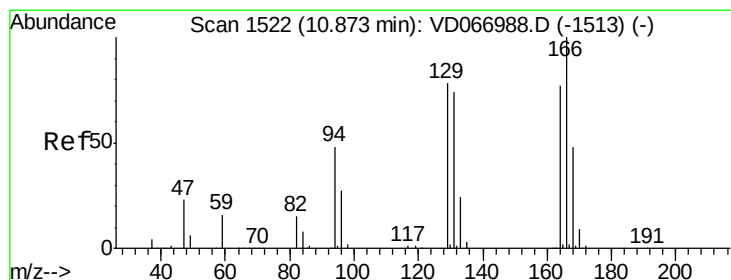
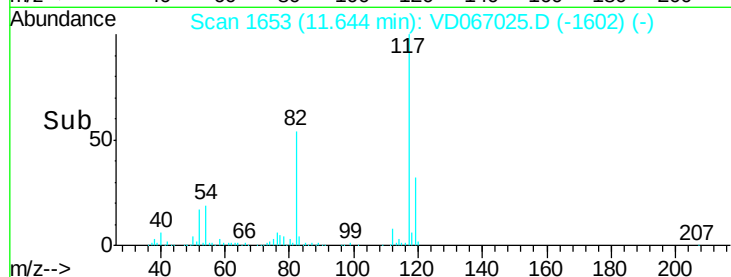
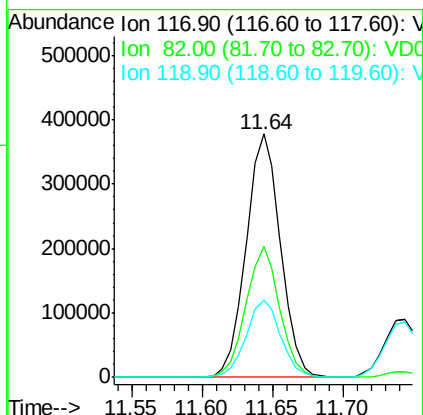
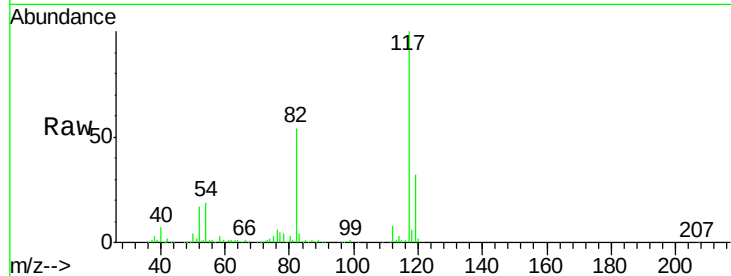
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.6	63.8
119	31.8	26.3	39.5

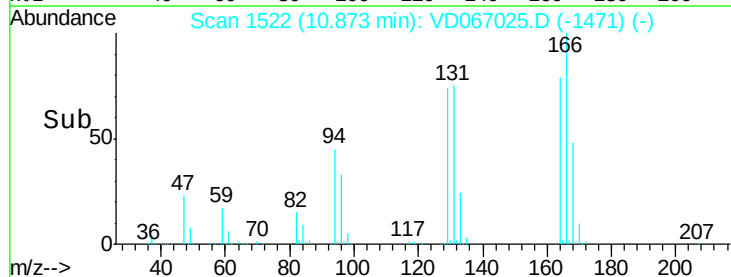
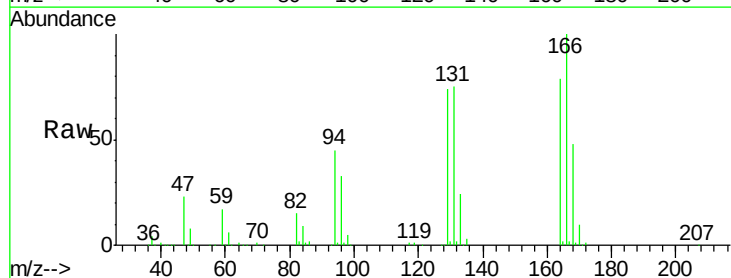
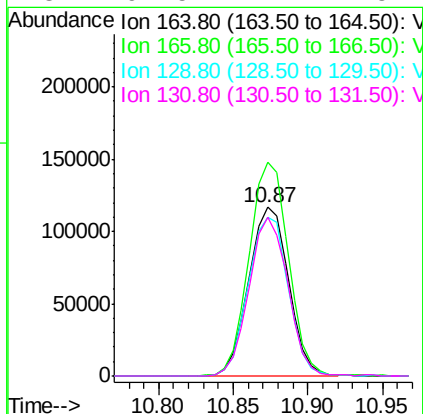
Manual Integrations
APPROVED

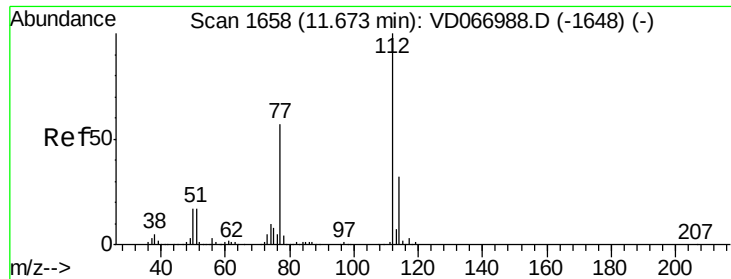
MMDadoda
10/2/2020 3:13:47 PM



#64
Tetrachloroethene
Concen: 45.776 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	104.4	156.6
129	94.3	81.3	121.9
131	94.5	77.1	115.7





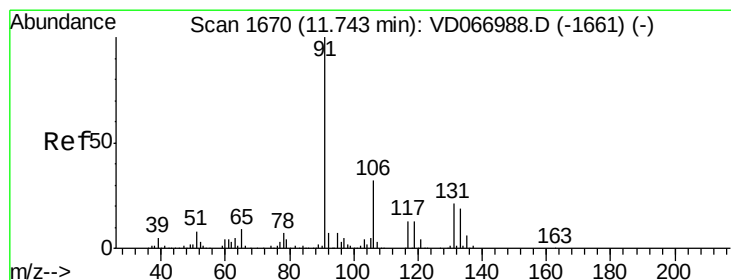
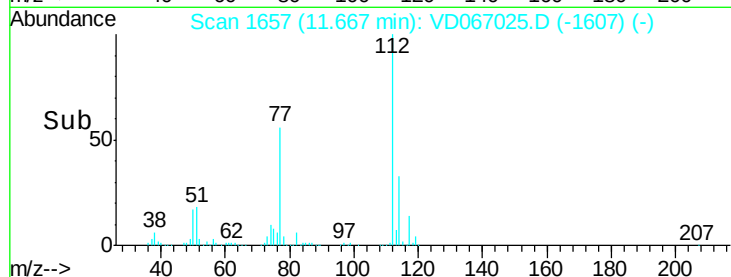
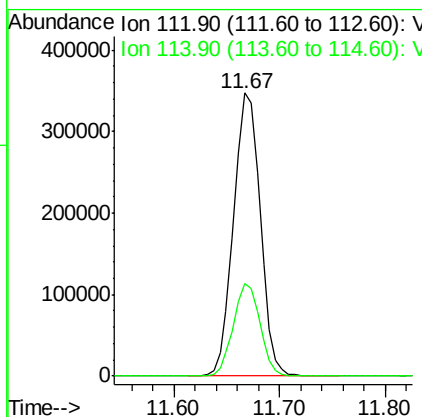
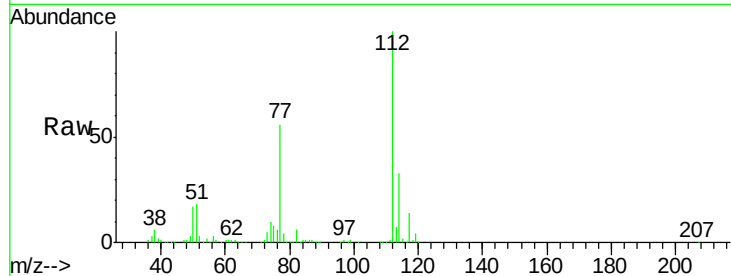
#65
Chlorobenzene
Concen: 47.380 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.4	38.0

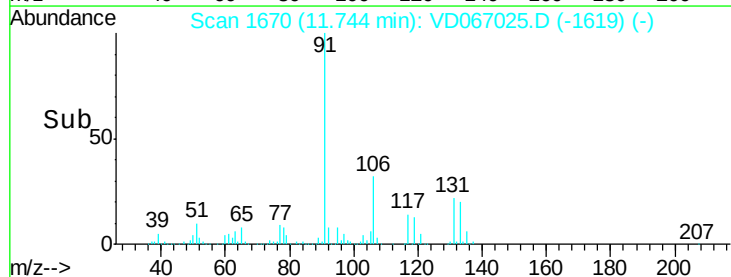
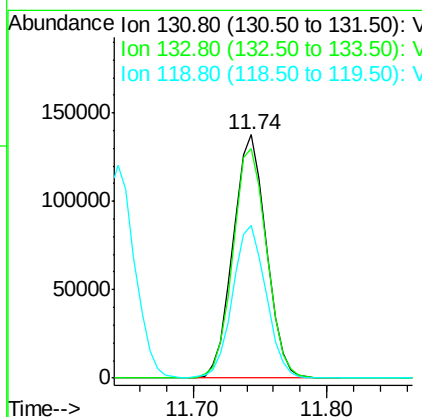
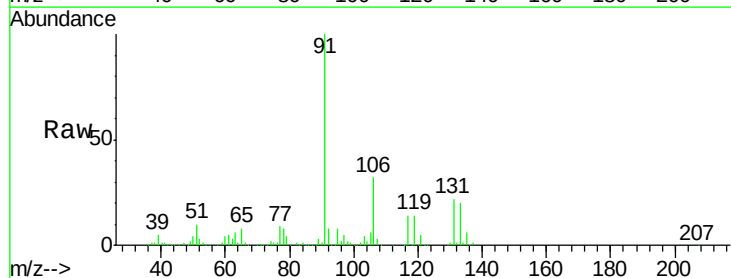
Manual Integrations
APPROVED

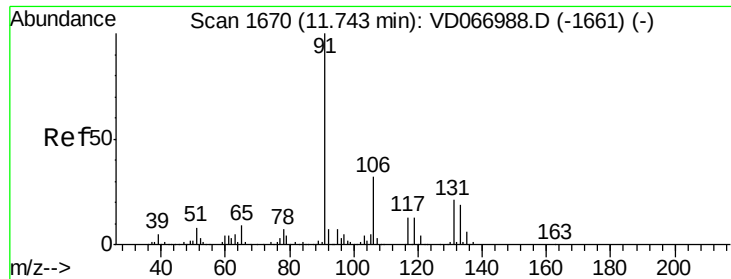
MMDadoda
10/2/2020 3:13:47 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.723 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.8	143.3
119	63.3	32.3	96.8





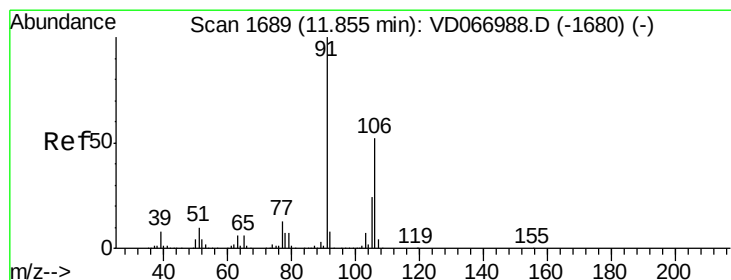
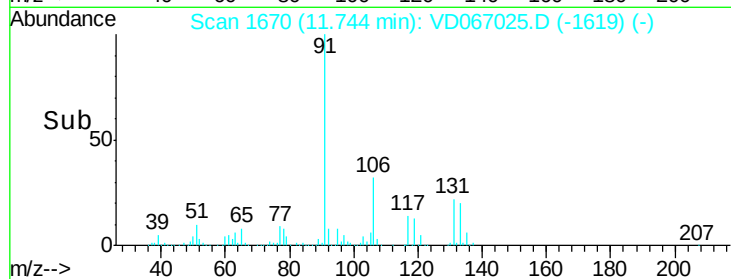
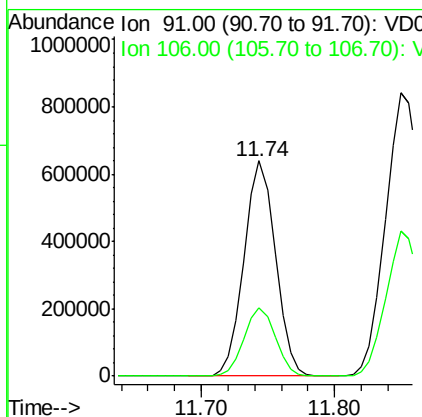
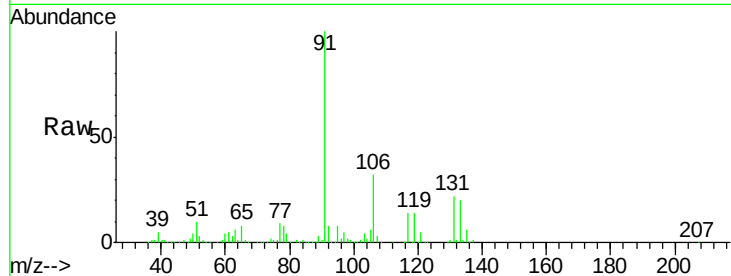
#67
Ethyl Benzene
Concen: 47.394 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1043310
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2

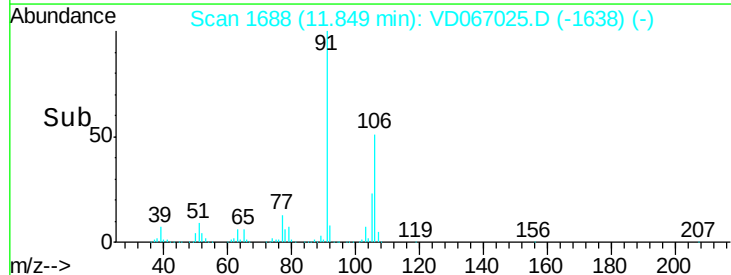
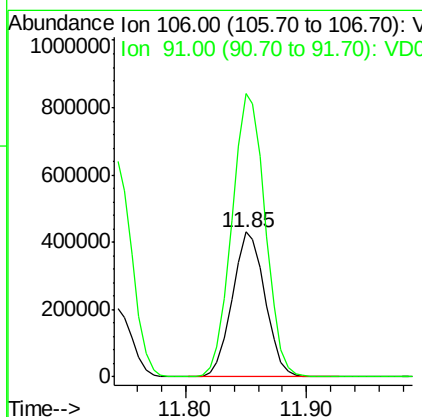
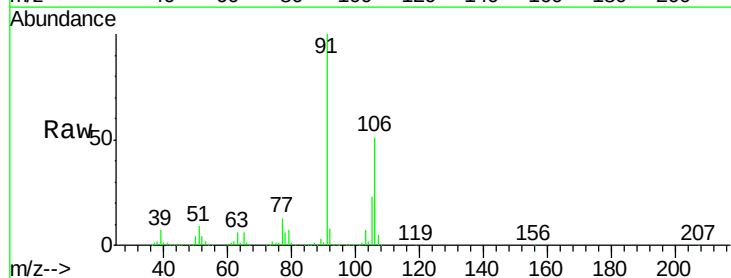
Manual Integrations
APPROVED

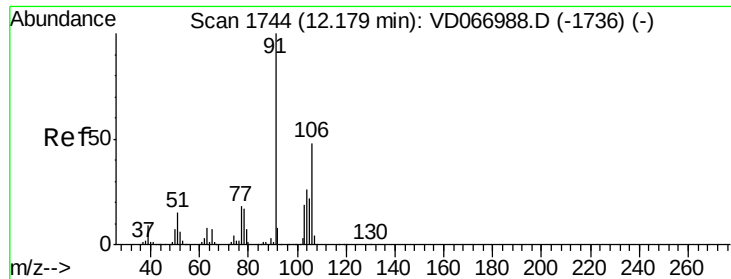
MMDadoda
10/2/2020 3:13:47 PM



#68
m/p-Xylenes
Concen: 94.435 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion: 106 Resp: 810161
Ion Ratio Lower Upper
106 100
91 199.4 158.4 237.6





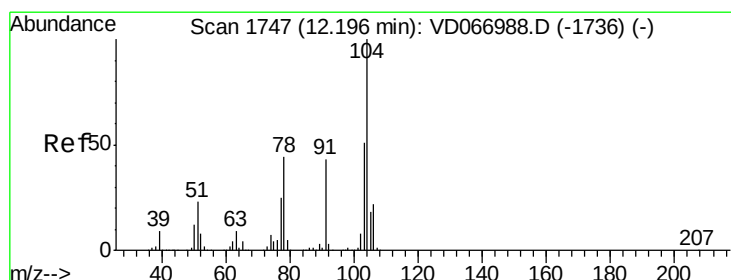
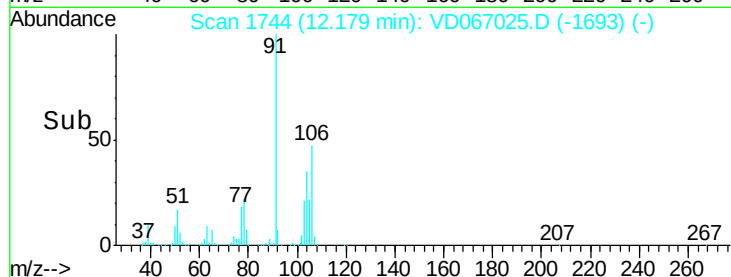
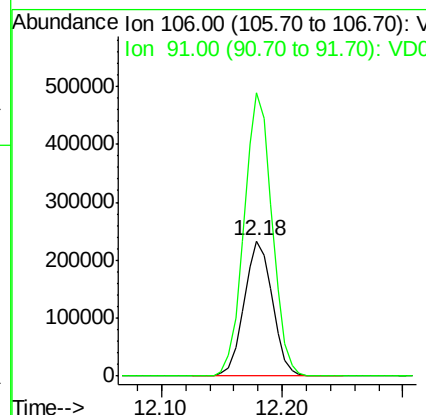
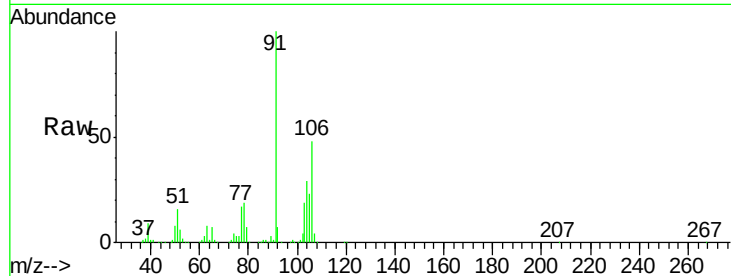
#69
o-Xylene
Concen: 49.731 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 381526
Ion Ratio Lower Upper
106 100
91 207.5 102.4 307.2

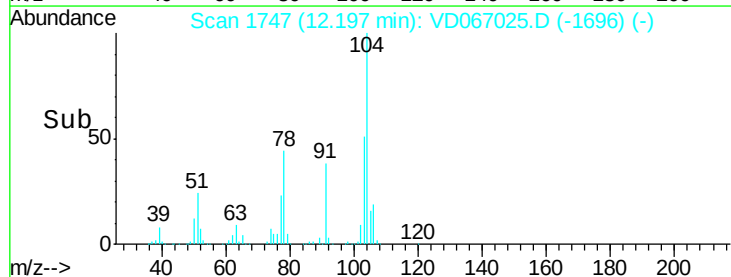
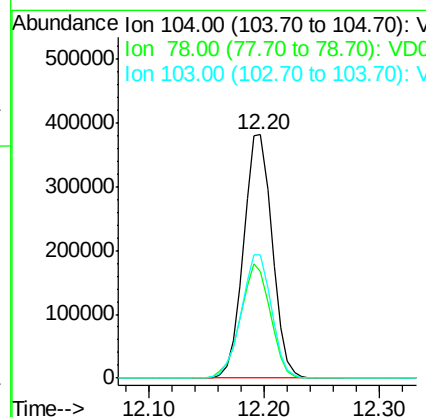
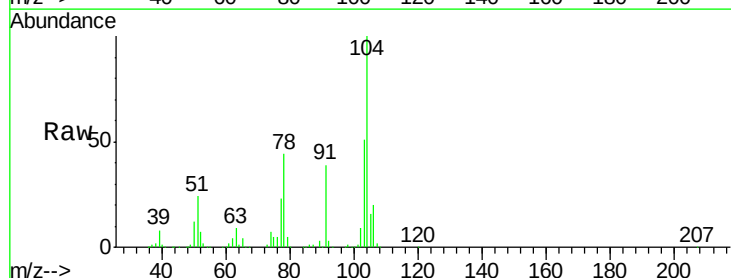
Manual Integrations
APPROVED

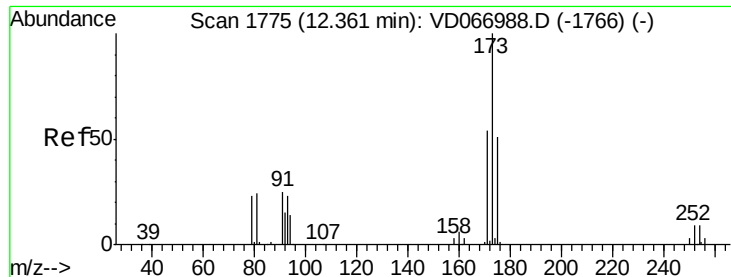
MMDadoda
10/2/2020 3:13:47 PM



#70
Styrene
Concen: 49.964 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion:104 Resp: 658210
Ion Ratio Lower Upper
104 100
78 48.9 38.6 58.0
103 53.6 43.4 65.0





#71

Bromoform

Concen: 49.812 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

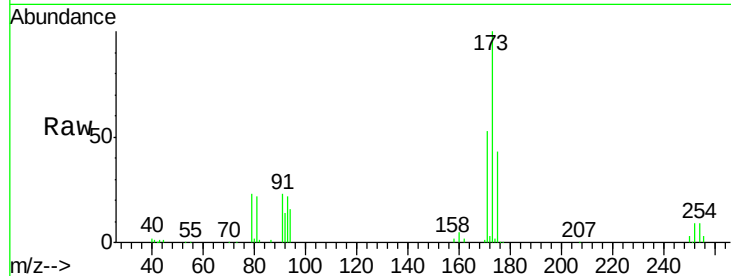
ClientSampleId :

VSTDCCC050EC

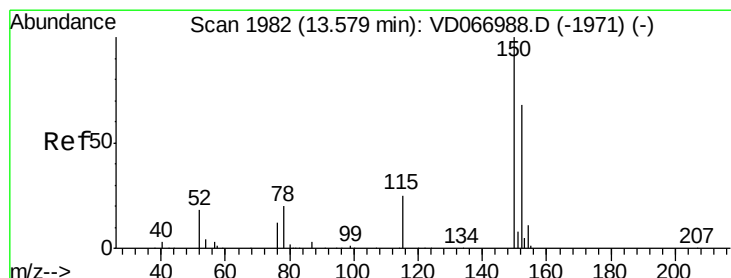
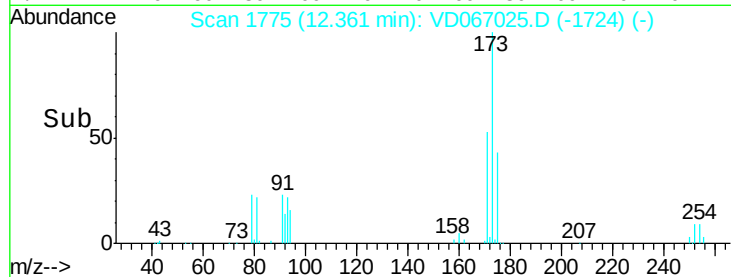
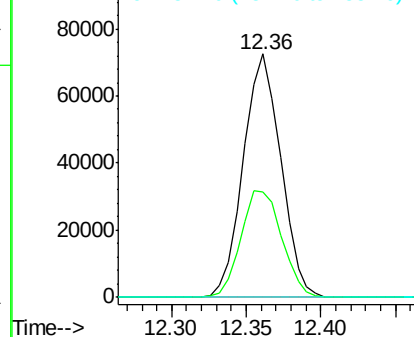
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.9	74.7
254	0.0	0.2	0.4

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:47 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

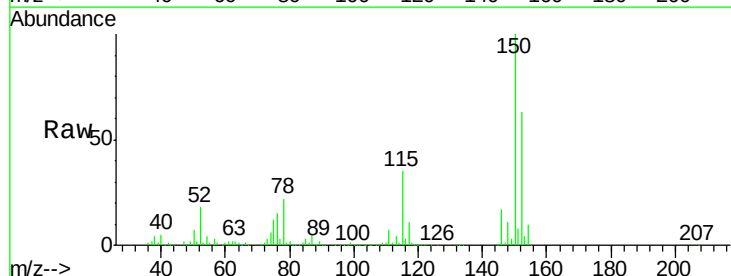
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

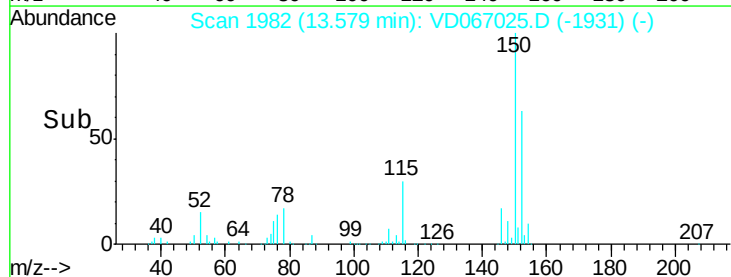
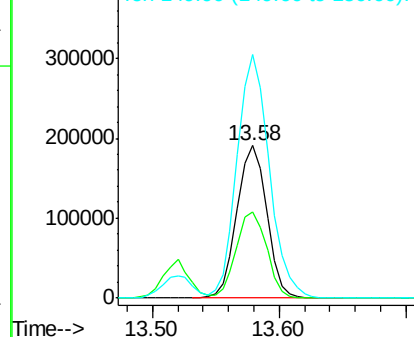
Lab File: VD067025.D

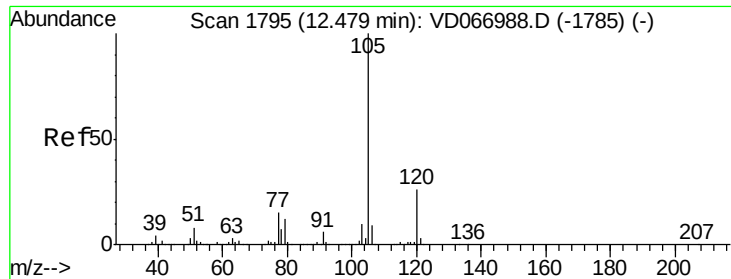
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.6	88.8
150	172.6	0.0	344.8



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





#73

Isopropylbenzene

Concen: 47.208 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 998678

Ion Ratio Lower Upper

105 100

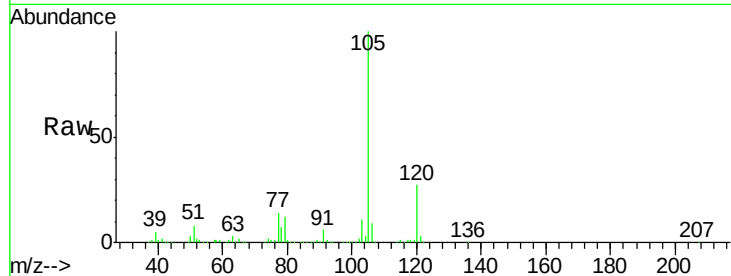
120 26.5 13.3 39.9

Manual Integrations

APPROVED

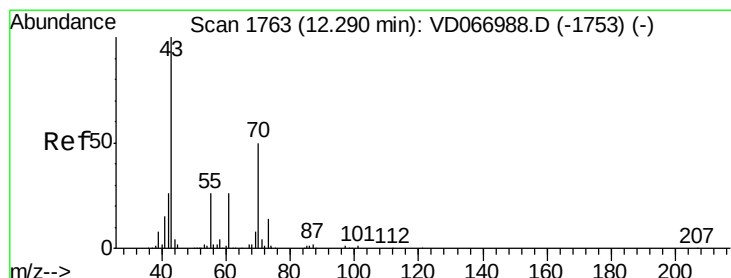
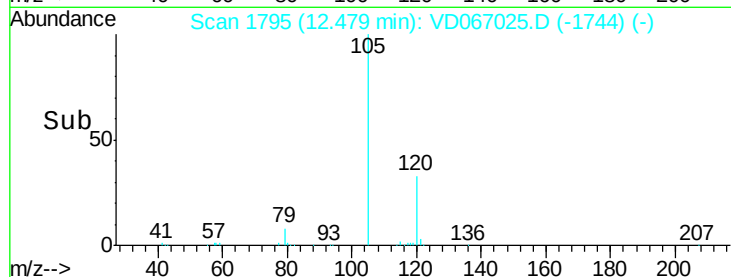
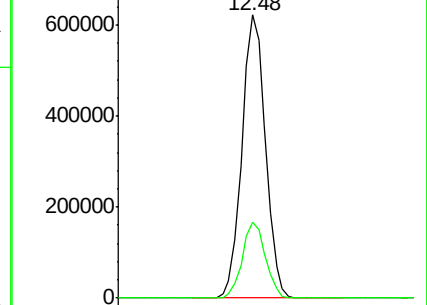
MMDadoda

10/2/2020 3:13:47 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.332 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Tgt Ion: 43 Resp: 191410

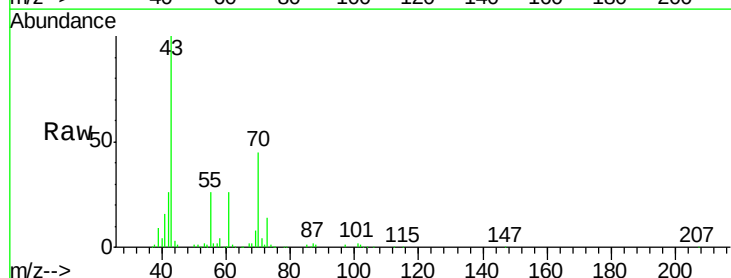
Ion Ratio Lower Upper

43 100

70 48.9 38.2 57.2

55 28.1 22.4 33.6

61 25.7 20.6 31.0

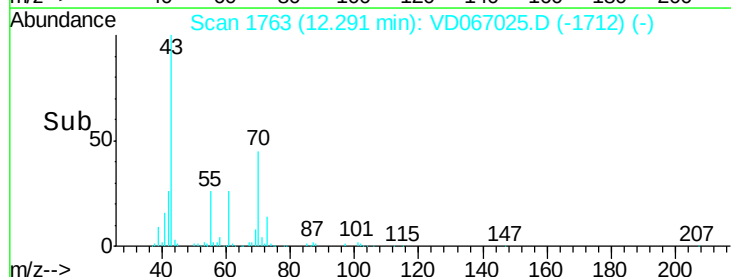
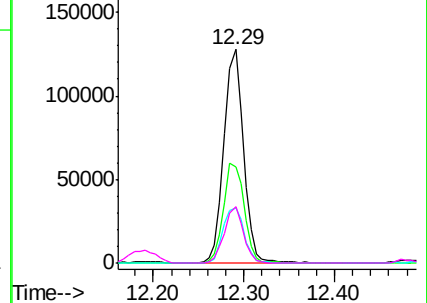


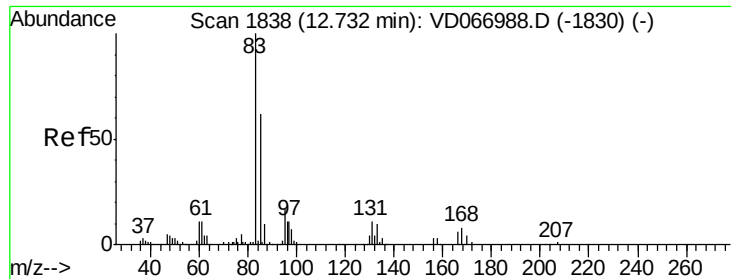
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.789 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

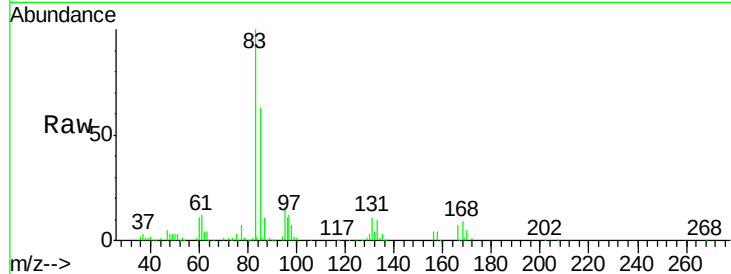
ClientSampleId :

VSTDCCC050EC

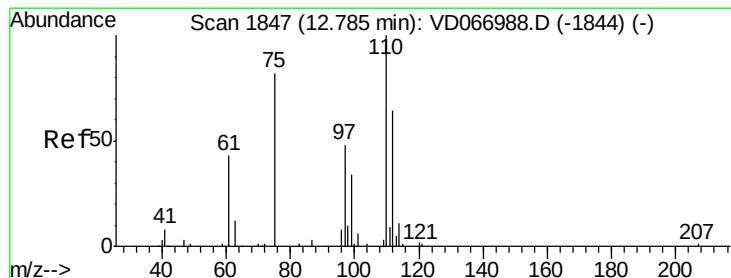
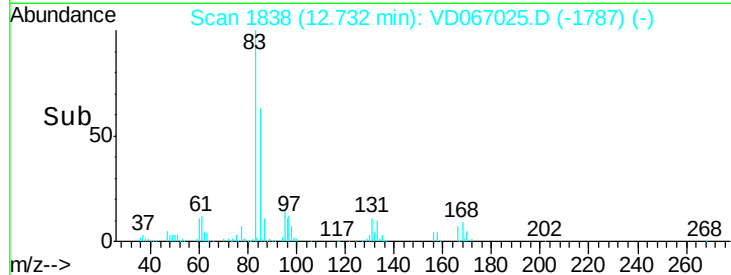
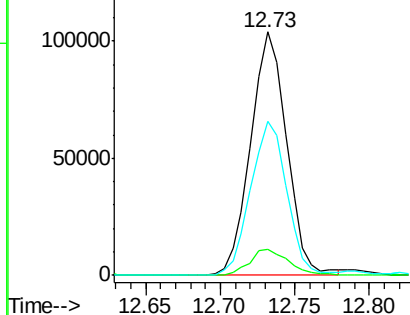
Tot Ion:	83	Resp:	173899
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.7	17.0
85	63.5	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:47 PM



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 47.842 ug/l m

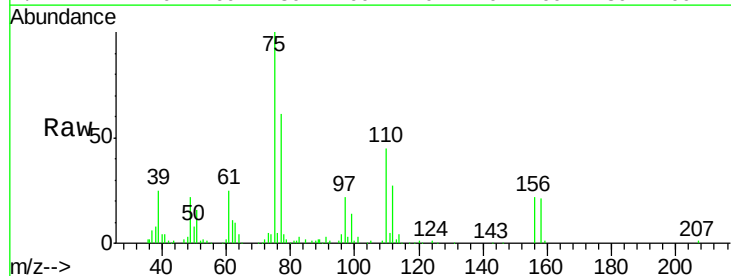
RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

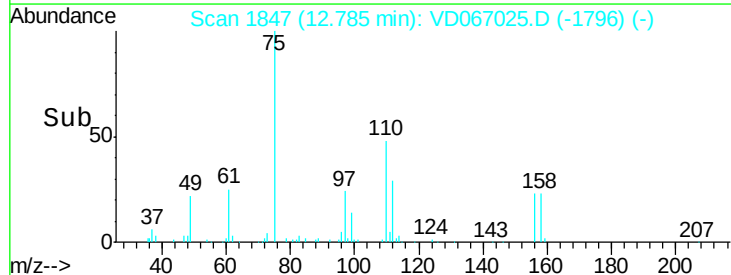
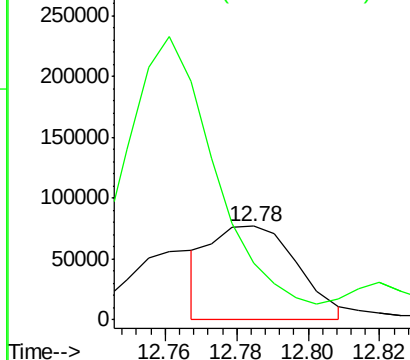
Lab File: VD067025.D

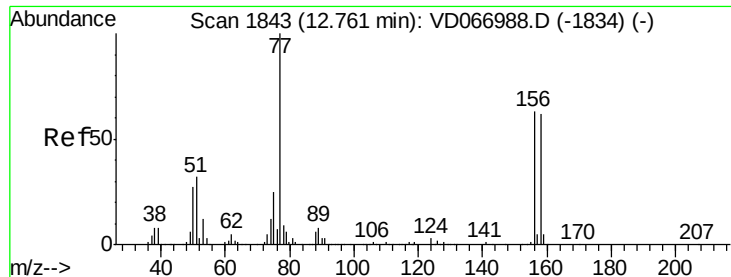
Acq: 02 Oct 2020 07:28

Tgt Ion:	75	Resp:	129829
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.602 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

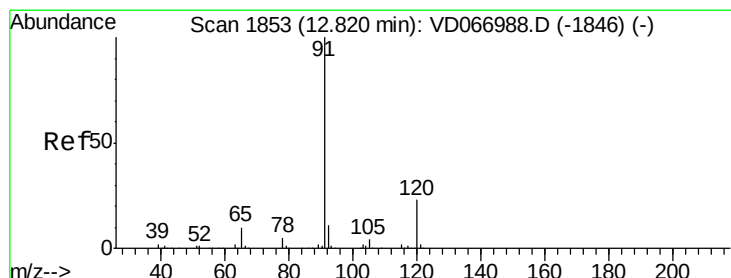
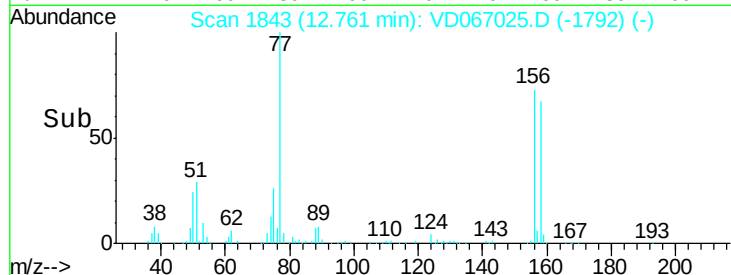
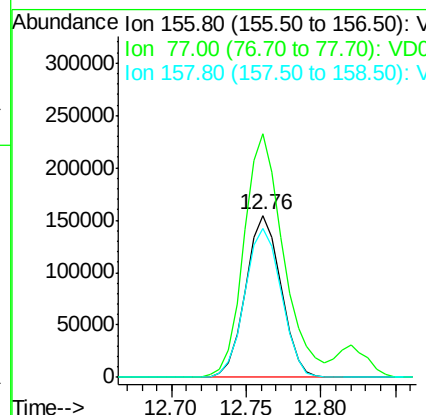
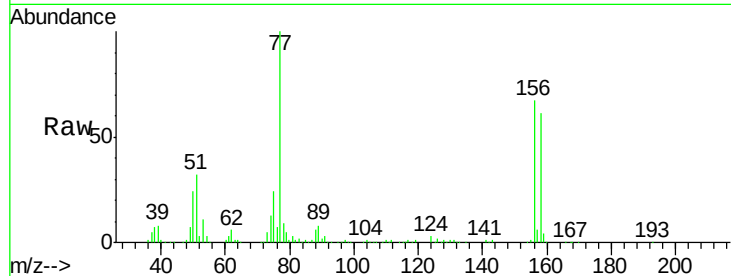
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		253375		
77	167.7	86.3	258.8		
158	95.1	49.5	148.3		

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:47 PM



#78

n-propylbenzene

Concen: 46.501 ug/l

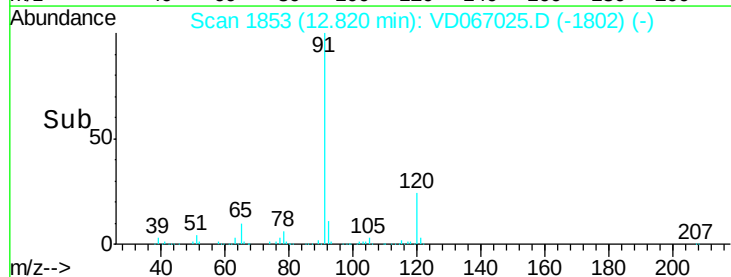
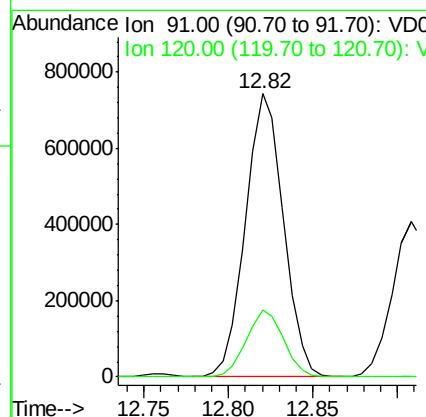
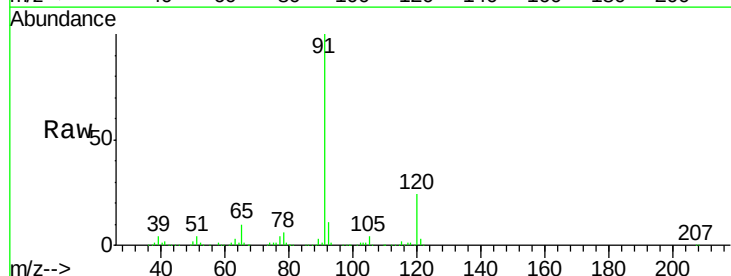
RT: 12.82 min Scan# 1853

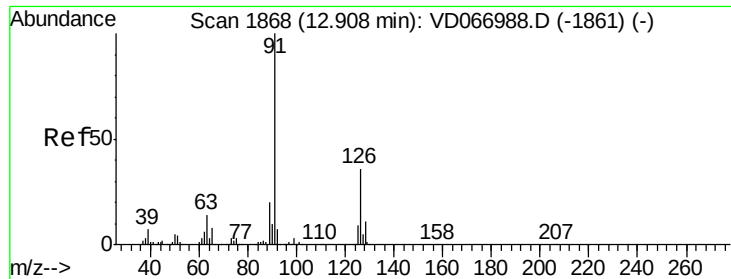
Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1162601		
120	23.2	11.6	34.8		





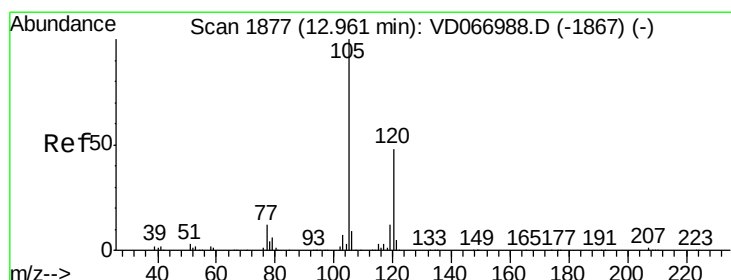
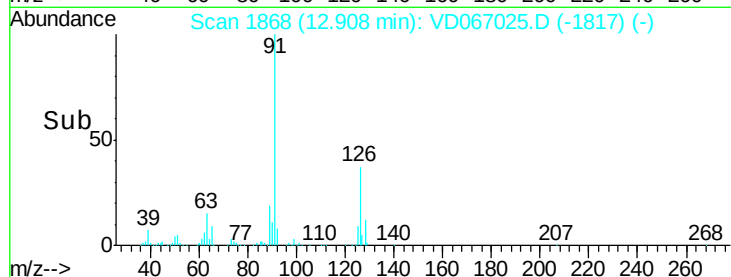
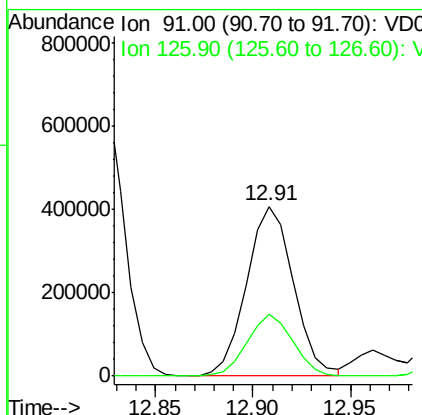
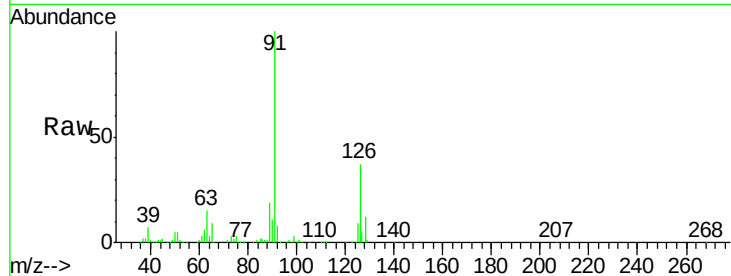
#79
2-Chlorotoluene
Concen: 47.427 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.5	52.6

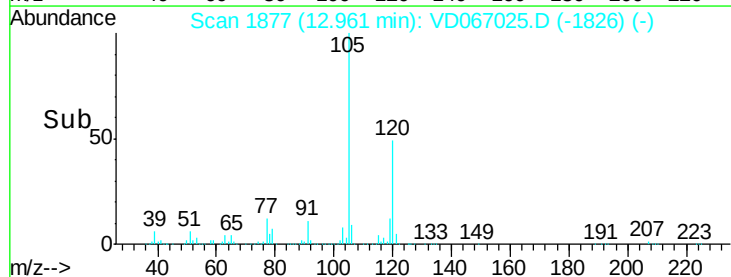
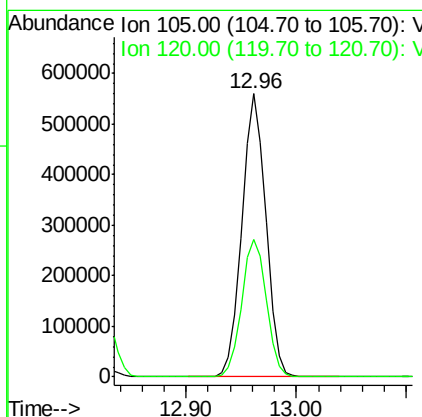
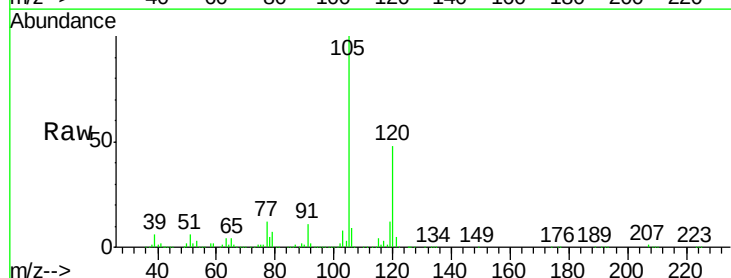
Manual Integrations
APPROVED

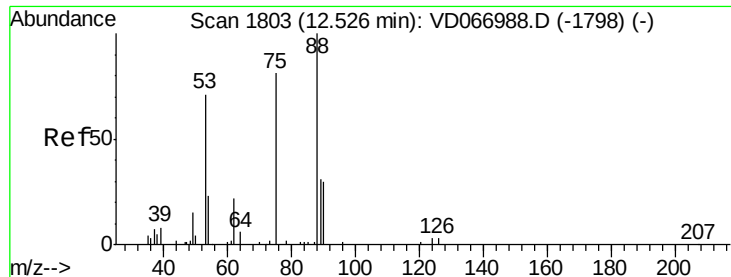
MMDadoda
10/2/2020 3:13:47 PM



#80
1,3,5-Trimethylbenzene
Concen: 47.854 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.6	74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 42.812 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

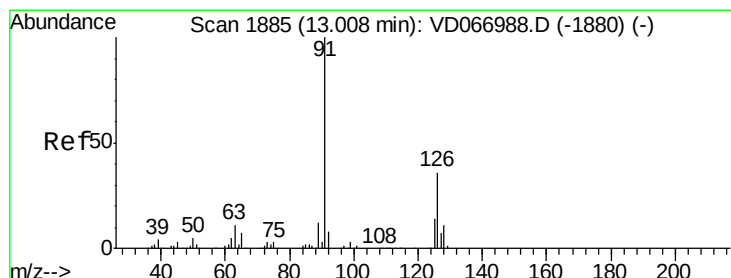
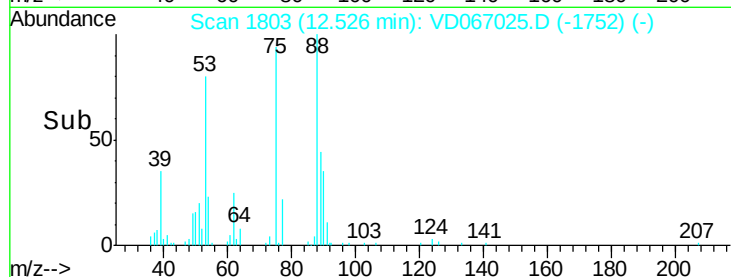
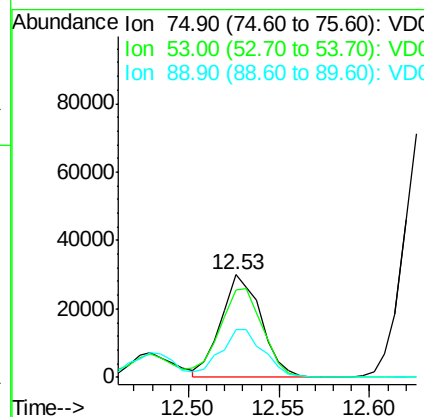
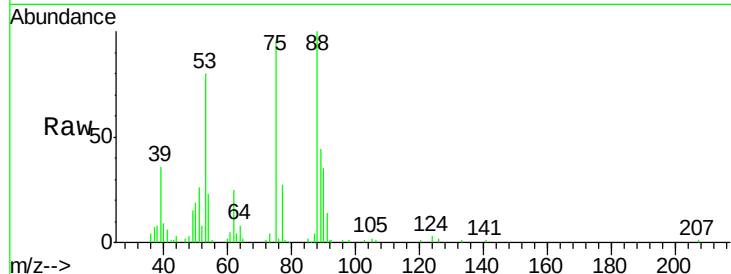
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	46600
Ion	Ratio	Lower	Upper
75	100		
53	93.3	73.8	110.6
89	49.3	38.9	58.3

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:47 PM



#82

4-Chlorotoluene

Concen: 46.040 ug/l

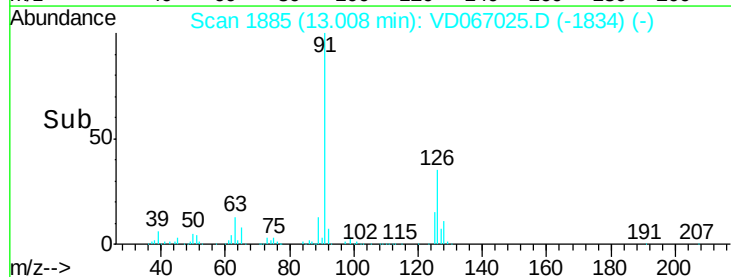
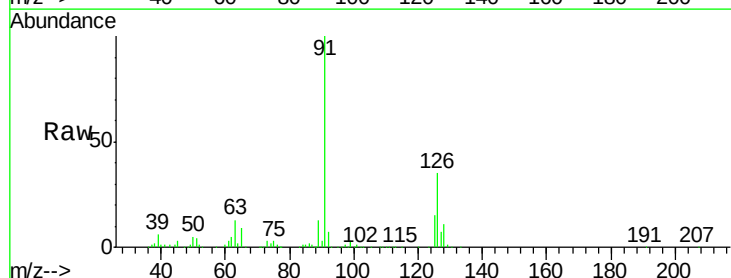
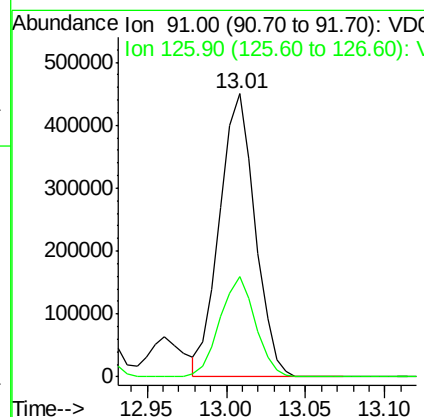
RT: 13.01 min Scan# 1885

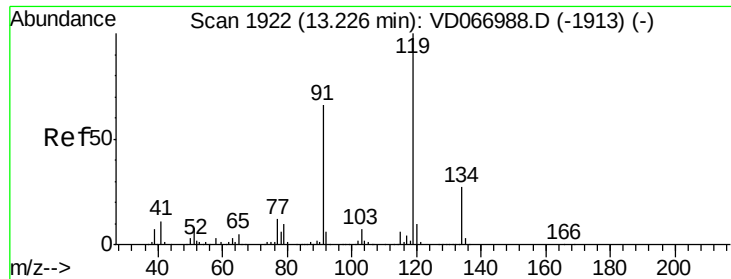
Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Tgt Ion:	91	Resp:	700690
Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.5	52.5





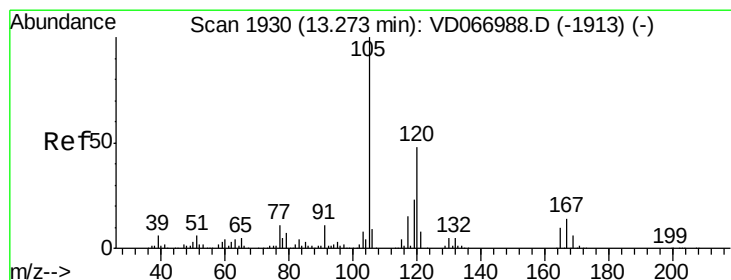
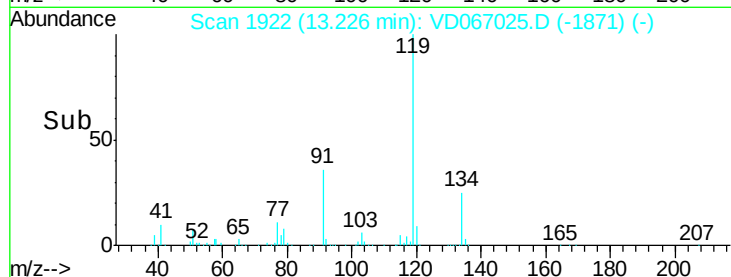
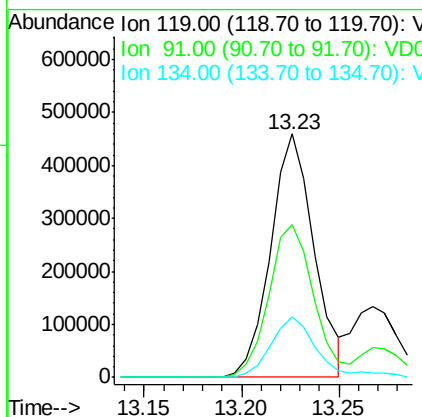
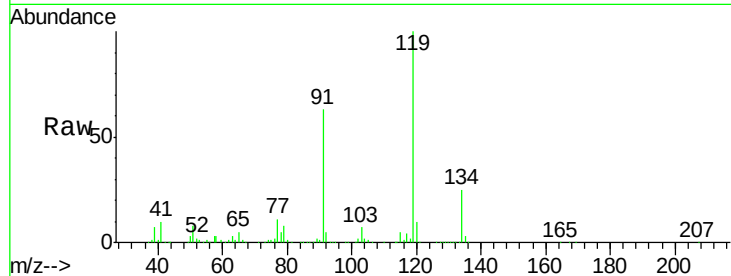
#83
 tert-Butylbenzene
 Concen: 46.906 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	32.8	98.3
134	26.6	13.9	41.7

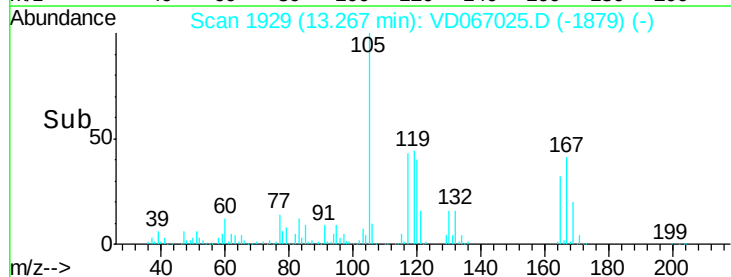
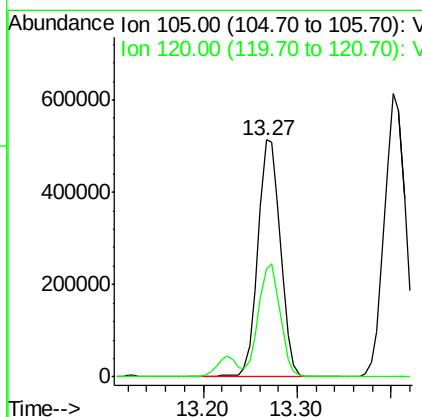
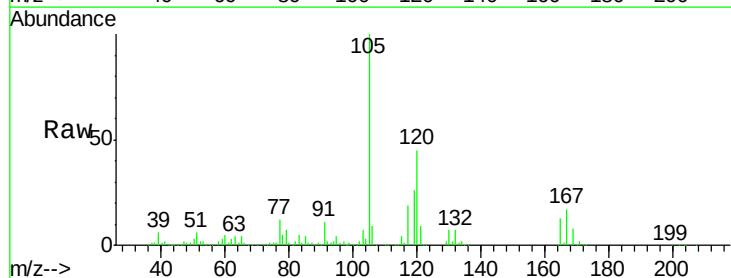
Manual Integrations
 APPROVED

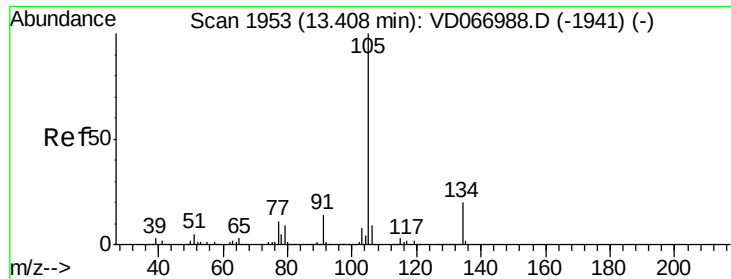
MMDadoda
 10/2/2020 3:13:47 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 47.745 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.3	69.8





#85

sec-Butylbenzene

Concen: 45.233 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 958753

Ion Ratio Lower Upper

105 100

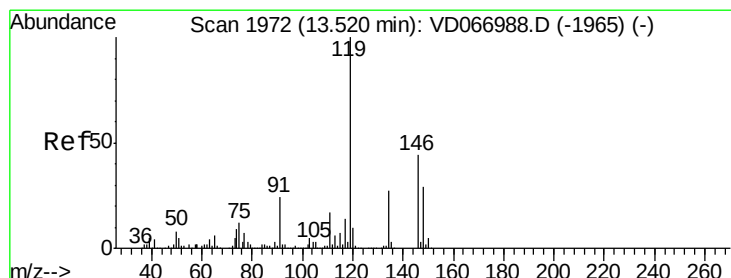
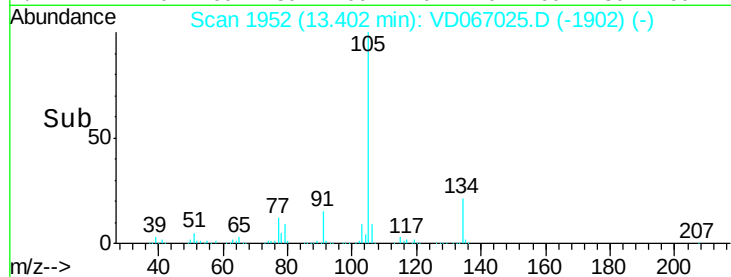
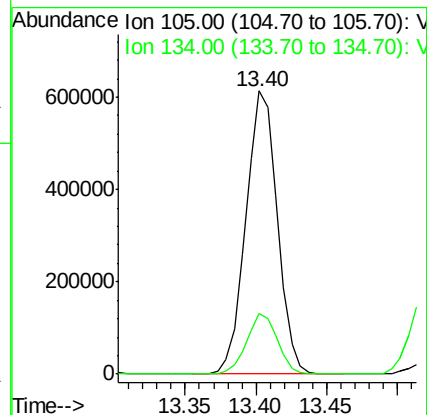
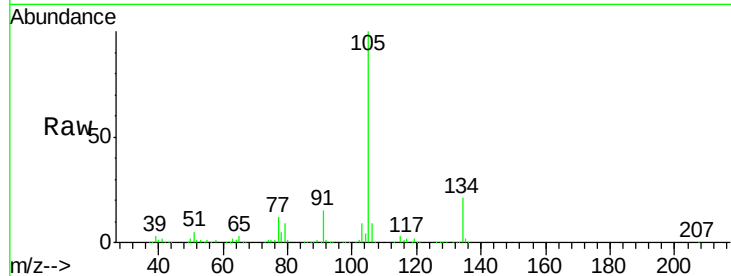
134 20.9 10.3 30.8

Manual Integrations

APPROVED

MMDadoda

10/2/2020 3:13:47 PM



#86

p-Isopropyltoluene

Concen: 45.660 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067025.D

Acq: 02 Oct 2020 07:28

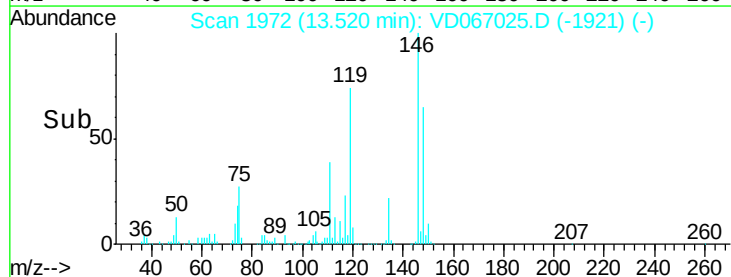
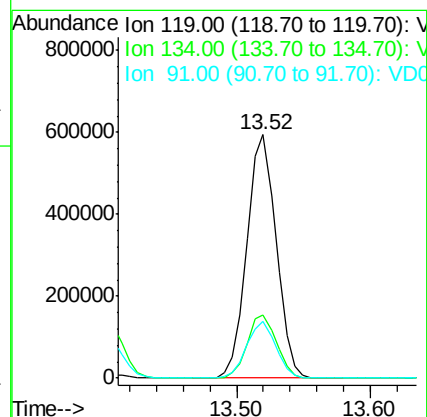
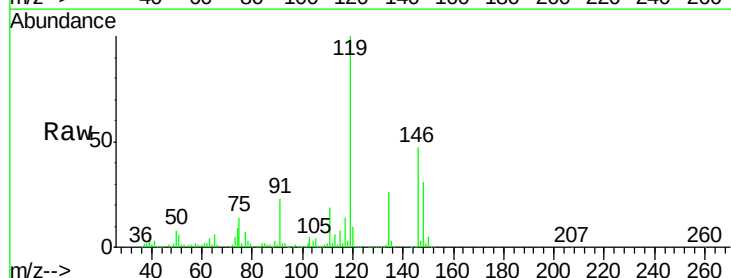
Tgt Ion:119 Resp: 897250

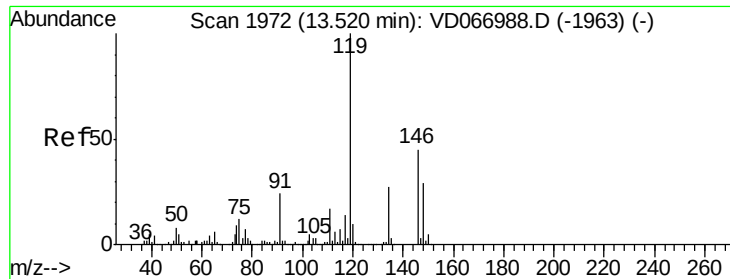
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.0 11.7 35.1





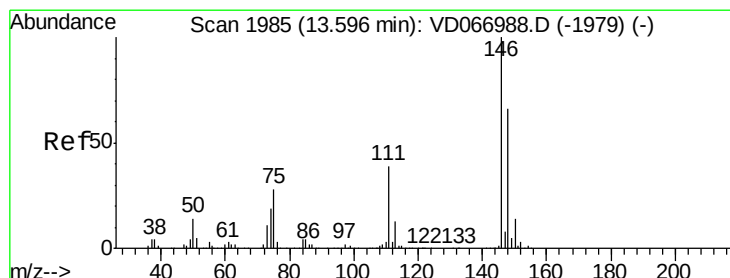
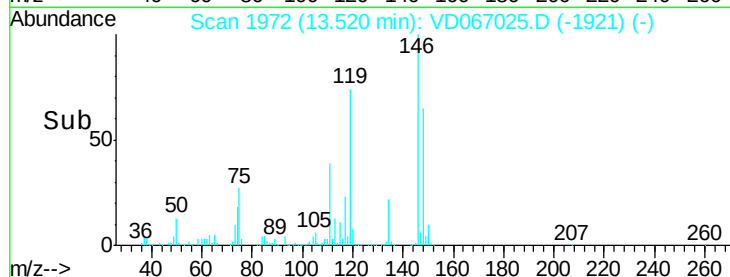
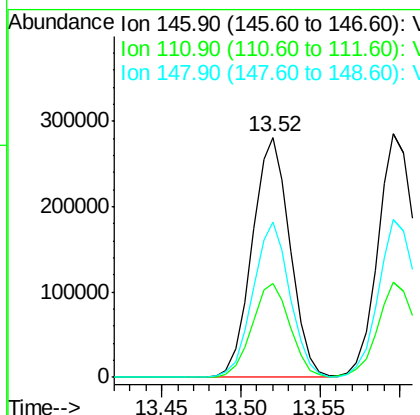
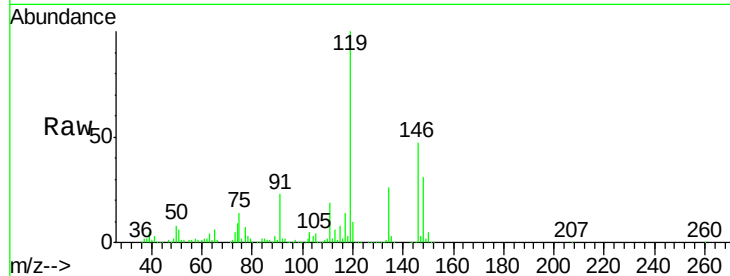
#87
 1,3-Dichlorobenzene
 Concen: 46.774 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	465384		
111	39.4	20.0	60.0	
148	63.2	31.9	95.9	

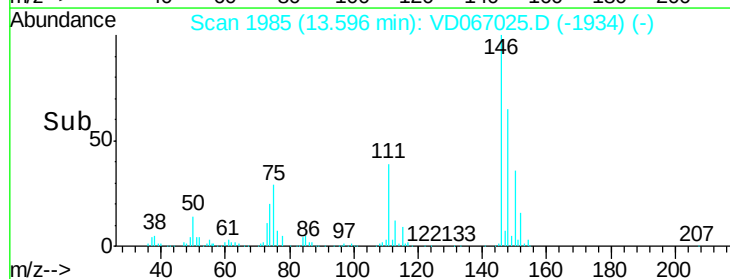
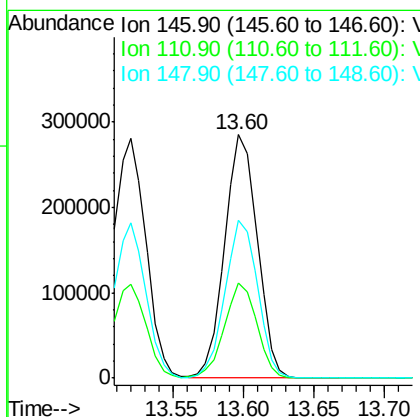
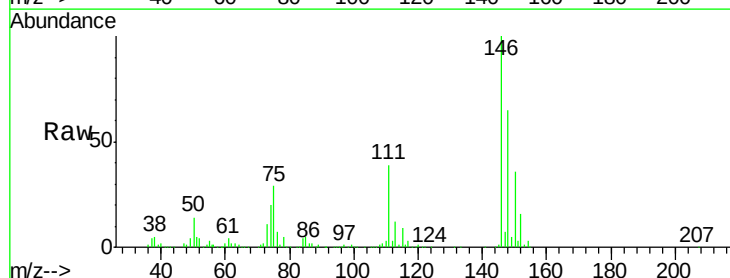
Manual Integrations
 APPROVED

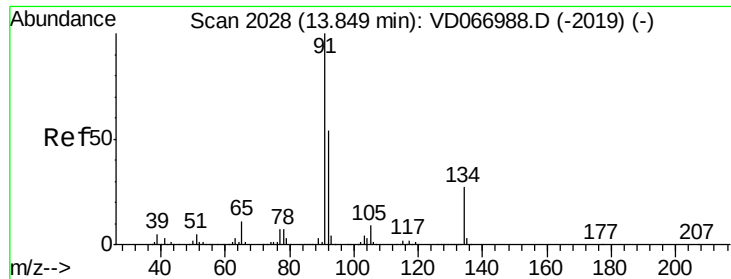
MMDadoda
 10/2/2020 3:13:47 PM



#88
 1,4-Dichlorobenzene
 Concen: 46.316 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	460777		
111	38.9	19.6	58.7	
148	64.5	32.6	97.7	





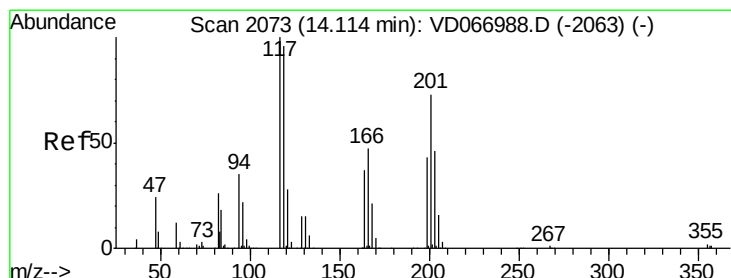
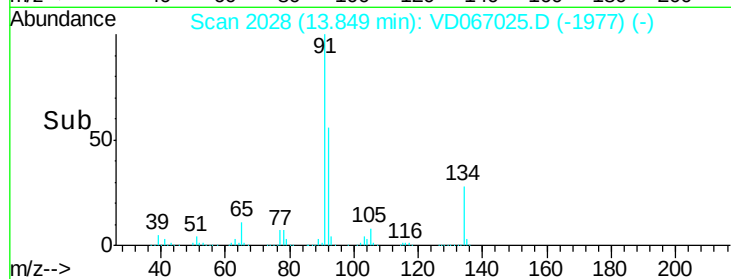
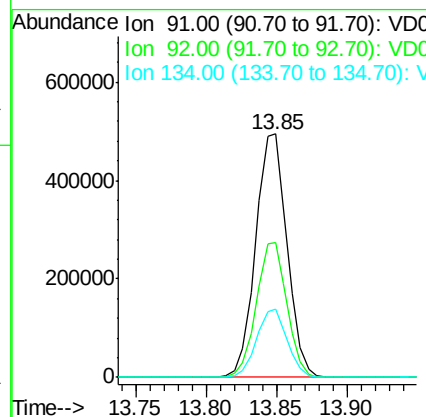
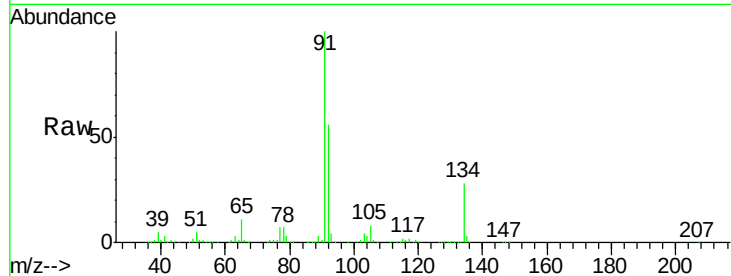
#89
n-Butylbenzene
Concen: 43.094 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.2
134	27.6	13.6	40.8

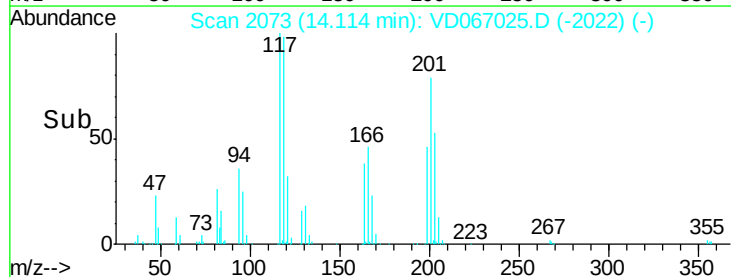
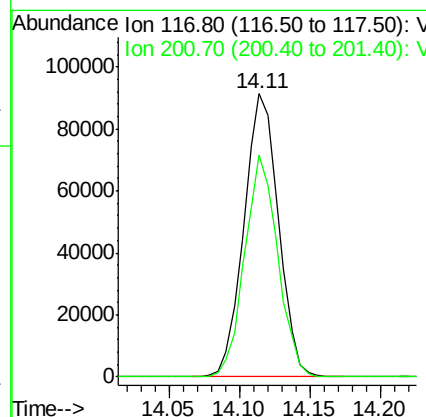
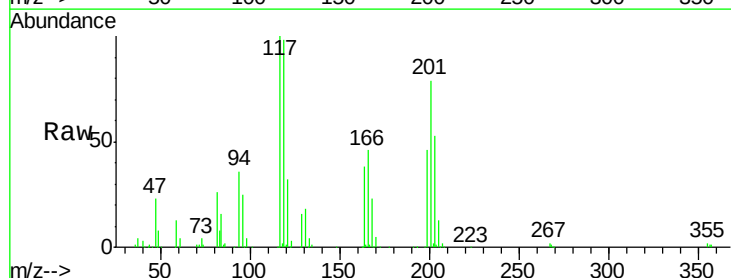
Manual Integrations
APPROVED

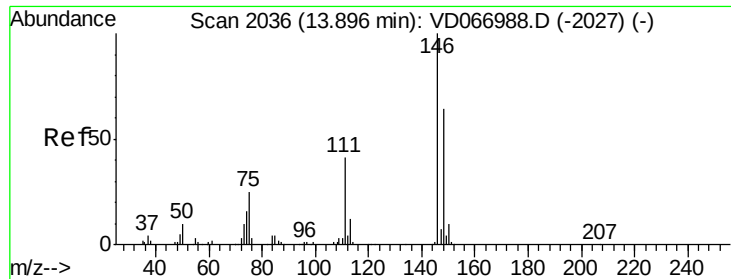
MMDadoda
10/2/2020 3:13:47 PM



#90
Hexachloroethane
Concen: 45.403 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.1	37.0	110.9





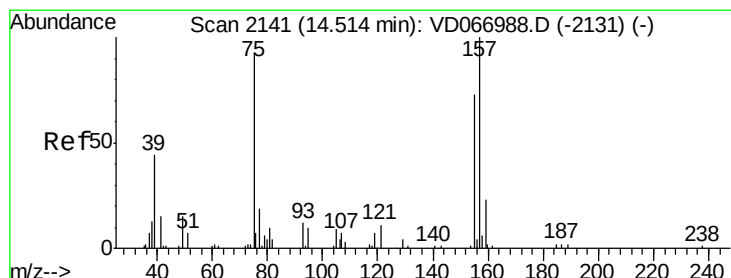
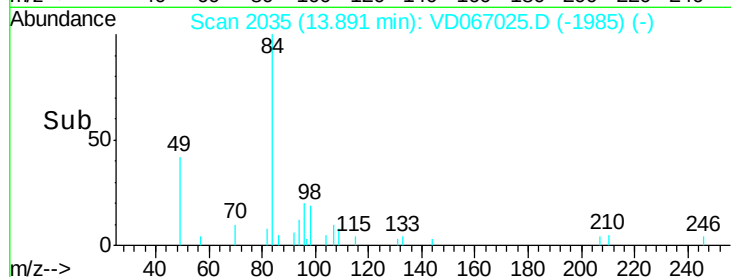
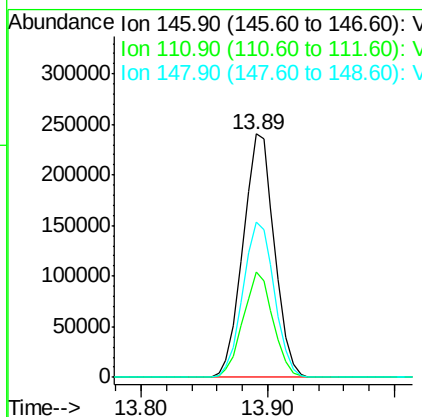
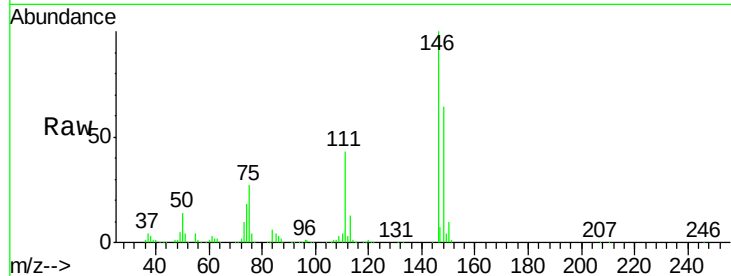
#91
 1,2-Dichlorobenzene
 Concen: 47.522 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.7
148	63.9	32.3	96.9

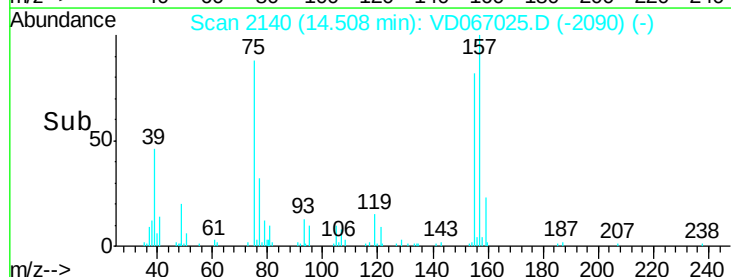
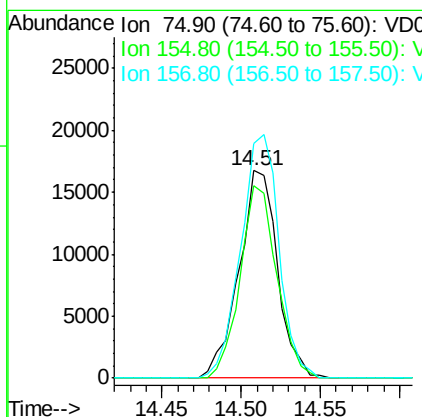
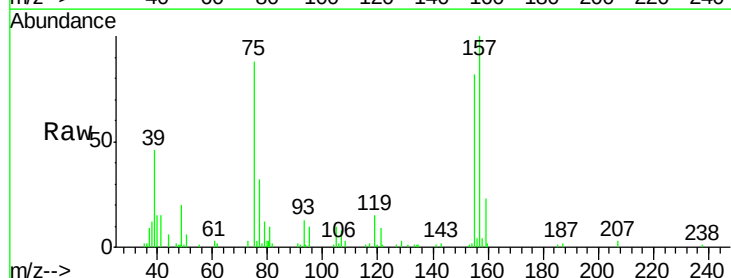
Manual Integrations
 APPROVED

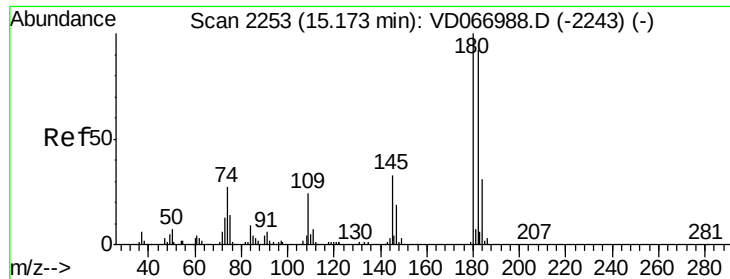
MMDadoda
 10/2/2020 3:13:47 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.151 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	45.2	135.6
157	116.7	56.3	168.8





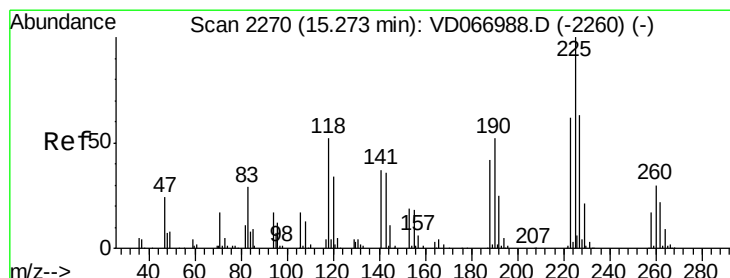
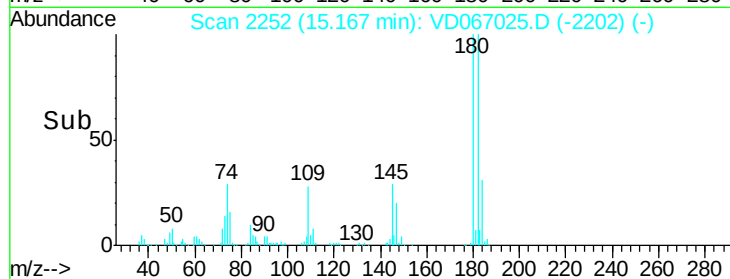
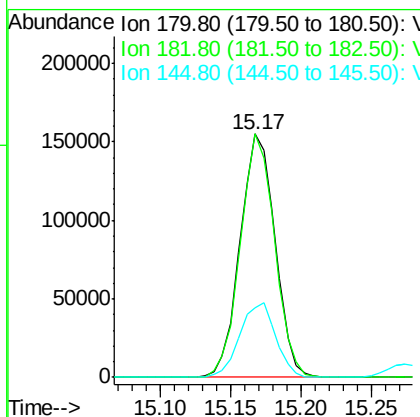
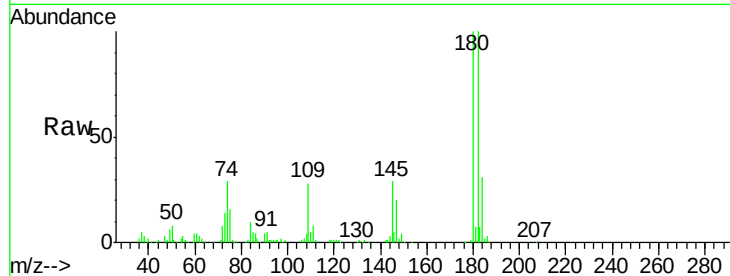
#93
 1,2,4-Trichlorobenzene
 Concen: 48.008 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	269835		
182	97.8	47.3	142.0	
145	31.4	16.4	49.1	

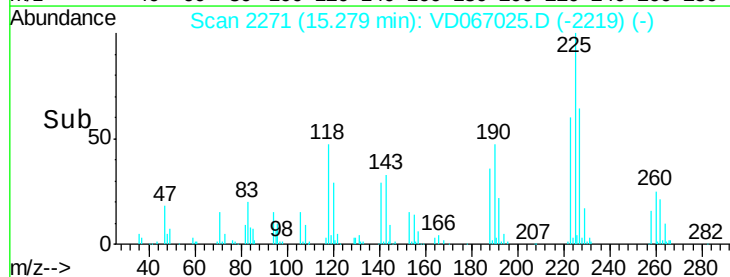
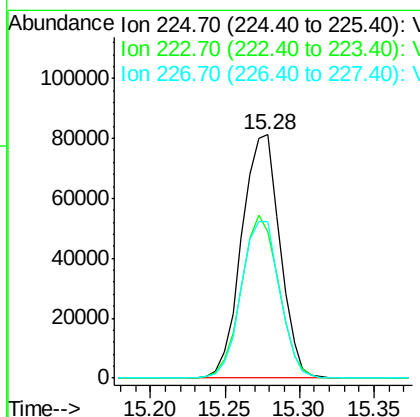
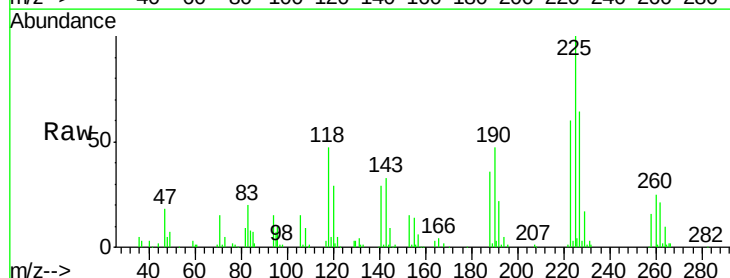
Manual Integrations
 APPROVED

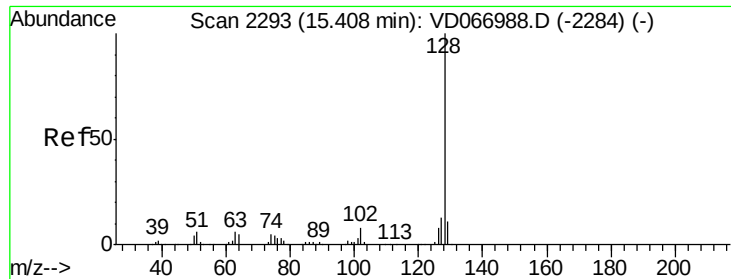
MMDadoda
 10/2/2020 3:13:47 PM



#94
 Hexachlorobutadiene
 Concen: 41.779 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067025.D
 Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144215		
223	65.8	32.4	97.0	
227	65.1	31.6	95.0	





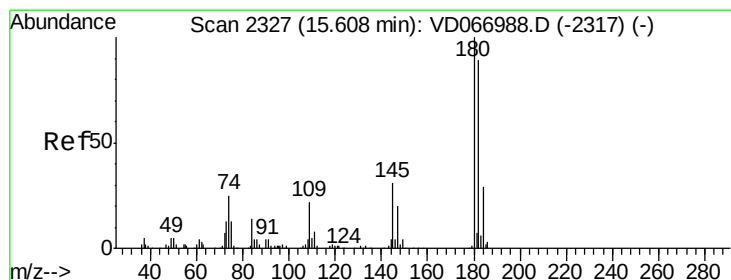
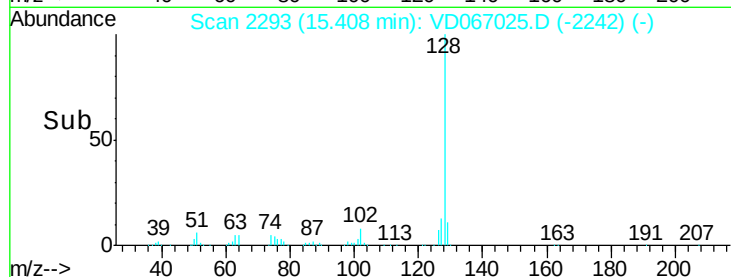
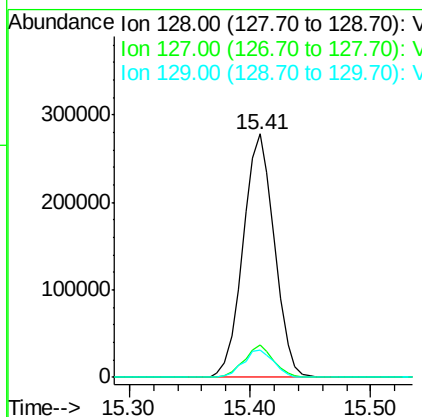
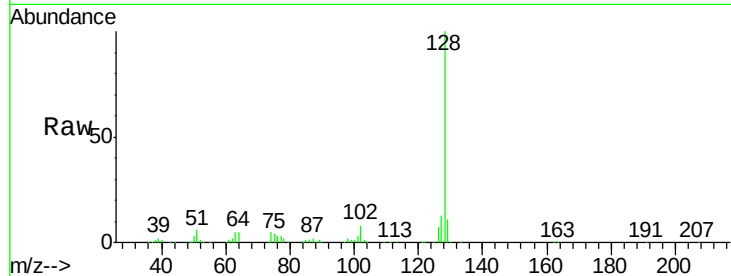
#95
Naphthalene
Concen: 53.668 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.518 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067025.D
Acq: 02 Oct 2020 07:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.4	139.1
145	33.2	16.6	49.7

