

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067734.D
 Acq On : 20 Nov 2020 19:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:41:43 PM

Quant Time: Nov 21 01:36:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	244411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	363923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	334519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	173416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	105835	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
35) Dibromofluoromethane	7.91	113	99855	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
50) Toluene-d8	10.34	98	334050	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
62) 4-Bromofluorobenzene	12.64	95	127829	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	89523	44.774	ug/l	98
3) Chloromethane	2.21	50	55260	36.308	ug/l	95
4) Vinyl Chloride	2.35	62	66414	39.139	ug/l	95
5) Bromomethane	2.77	94	57280	41.647	ug/l	96
6) Chloroethane	2.92	64	45427	43.423	ug/l	100
7) Trichlorofluoromethane	3.27	101	204608	46.569	ug/l	93
8) Diethyl Ether	3.71	74	46452	52.470	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.10	101	97598	44.007	ug/l	97
10) Methyl Iodide	4.30	142	100843	42.424	ug/l	98
11) Tert butyl alcohol	5.22	59	30731	341.039	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	92502	45.344	ug/l	95
13) Acrolein	3.92	56	20721	222.025	ug/l	100
14) Allyl chloride	4.71	41	96115	44.023	ug/l	92
15) Acrylonitrile	5.42	53	86820	265.292	ug/l	99
16) Acetone	4.16	43	71720	224.261	ug/l	97
17) Carbon Disulfide	4.41	76	250208	40.027	ug/l	100
18) Methyl Acetate	4.71	43	37113	56.158	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	232496	57.779	ug/l	99
20) Methylene Chloride	4.97	84	114269	50.582	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	113785	47.889	ug/l	91
22) Diisopropyl ether	6.37	45	212413	49.925	ug/l	95
23) Vinyl Acetate	6.31	43	592551	266.066	ug/l	98
24) 1,1-Dichloroethane	6.26	63	173259	49.778	ug/l	99
25) 2-Butanone	7.22	43	93895	274.771	ug/l	99
26) 2,2-Dichloropropane	7.21	77	178499	48.591	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	126599	51.333	ug/l	99
28) Bromochloromethane	7.56	49	62234	50.266	ug/l	92
29) Tetrahydrofuran	7.56	42	56202	274.568	ug/l	94
30) Chloroform	7.71	83	220592	53.123	ug/l	98
31) Cyclohexane	7.98	56	123089	39.711	ug/l #	89
32) 1,1,1-Trichloroethane	7.90	97	219032	51.123	ug/l	99
36) 1,1-Dichloropropene	8.11	75	144732	46.461	ug/l	99
37) Ethyl Acetate	7.30	43	40979	50.670	ug/l	98
38) Carbon Tetrachloride	8.10	117	205985	50.893	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067734.D
 Acq On : 20 Nov 2020 19:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:41:43 PM

Quant Time: Nov 21 01:36:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	165699	45.194	ug/l	97
40) Benzene	8.36	78	417447	49.471	ug/l	99
41) Methacrylonitrile	7.52	41	25667m	53.094	ug/l	
42) 1,2-Dichloroethane	8.43	62	145508	55.812	ug/l	98
43) Isopropyl Acetate	8.46	43	85525	53.472	ug/l	98
44) Trichloroethene	9.11	130	138211	49.814	ug/l	85
45) 1,2-Dichloropropane	9.39	63	88905	48.732	ug/l	99
46) Dibromomethane	9.48	93	63111	54.406	ug/l	97
47) Bromodichloromethane	9.67	83	171945	54.536	ug/l	98
48) Methyl methacrylate	9.46	41	41925	50.767	ug/l #	82
49) 1,4-Dioxane	9.47	88	13874	1178.169	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	214049	279.825	ug/l	99
52) Toluene	10.41	92	293700	51.965	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	148702	55.069	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	166412	51.870	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	84288	54.918	ug/l	98
56) Ethyl methacrylate	10.66	69	89584	56.522	ug/l #	95
57) 1,3-Dichloropropane	10.95	76	130347	52.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	204819	277.116	ug/l	96
59) 2-Hexanone	10.98	43	144658	270.467	ug/l	98
60) Dibromochloromethane	11.14	129	128310	56.514	ug/l	98
61) 1,2-Dibromoethane	11.25	107	81079	52.635	ug/l	97
64) Tetrachloroethene	10.88	164	121284	48.956	ug/l	98
65) Chlorobenzene	11.67	112	330425	51.278	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	136699	53.825	ug/l	99
67) Ethyl Benzene	11.75	91	564117	51.160	ug/l	99
68) m/p-Xylenes	11.86	106	439063	102.350	ug/l	99
69) o-Xylene	12.18	106	203968	53.255	ug/l	99
70) Styrene	12.20	104	352029	52.747	ug/l	99
71) Bromoform	12.36	173	74675	57.652	ug/l #	98
73) Isopropylbenzene	12.48	105	563578	50.285	ug/l	99
74) N-amyl acetate	12.29	43	74174	50.296	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	77802	50.908	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	47544m	45.447	ug/l	
77) Bromobenzene	12.77	156	143235	52.039	ug/l	97
78) n-propylbenzene	12.83	91	624813	48.739	ug/l	99
79) 2-Chlorotoluene	12.91	91	370910	50.935	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	493471	51.543	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	25382	49.259	ug/l	96
82) 4-Chlorotoluene	13.01	91	393230	50.349	ug/l	100
83) tert-Butylbenzene	13.23	119	408971	50.403	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	495606	52.004	ug/l	99
85) sec-Butylbenzene	13.40	105	542871	49.561	ug/l	98
86) p-Isopropyltoluene	13.52	119	528429	49.957	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	264767	50.412	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	266072	50.032	ug/l	100
89) n-Butylbenzene	13.84	91	441017	48.270	ug/l	99
90) Hexachloroethane	14.11	117	101974	51.193	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	235582	51.828	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16133	59.622	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
Data File : VD067734.D
Acq On : 20 Nov 2020 19:32
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

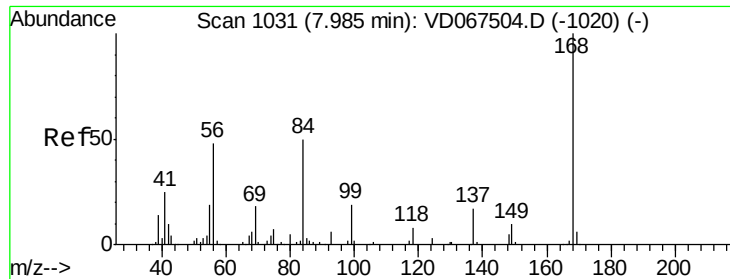
Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:41:43 PM

Quant Time: Nov 21 01:36:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	164034	53.170	ug/l	99
94) Hexachlorobutadiene	15.27	225	101093	48.961	ug/l	96
95) Naphthalene	15.40	128	284375	59.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	147898	55.982	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 244411

Ion Ratio Lower Upper

168 100

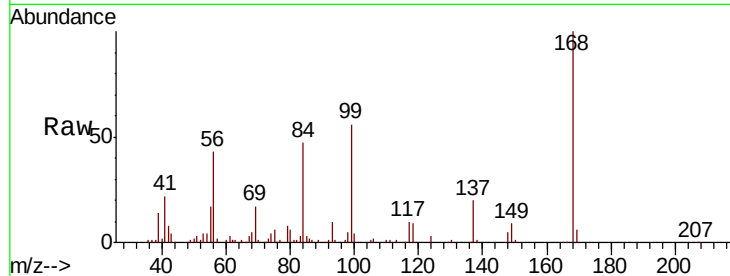
99 56.0 45.0 67.6

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:41:43 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

120000

100000

80000

60000

40000

20000

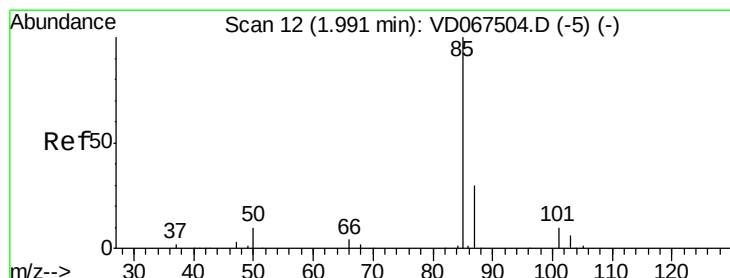
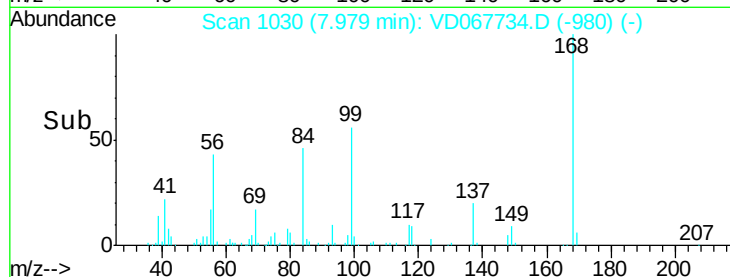
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.774 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067734.D

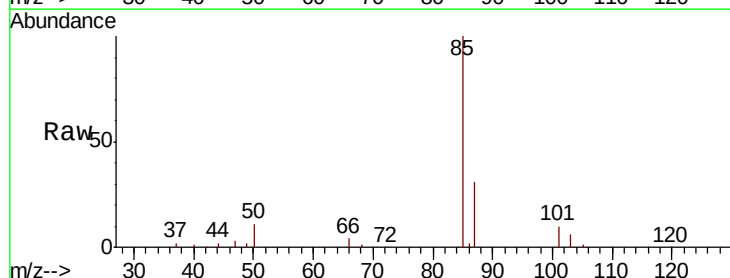
Acq: 20 Nov 2020 19:32

Tgt Ion: 85 Resp: 89523

Ion Ratio Lower Upper

85 100

87 31.4 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

60000

40000

20000

0

1.90

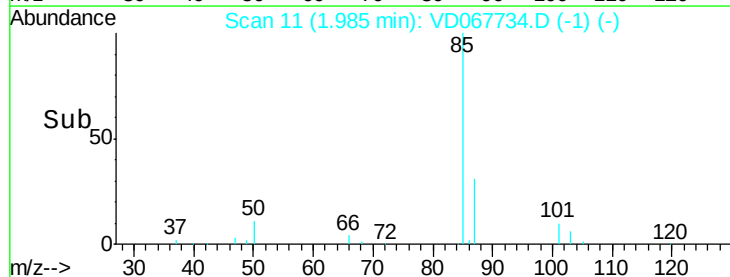
1.95

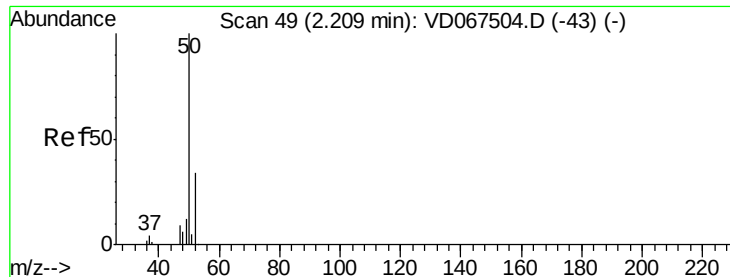
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 36.308 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 55260

Ion Ratio Lower Upper

50 100

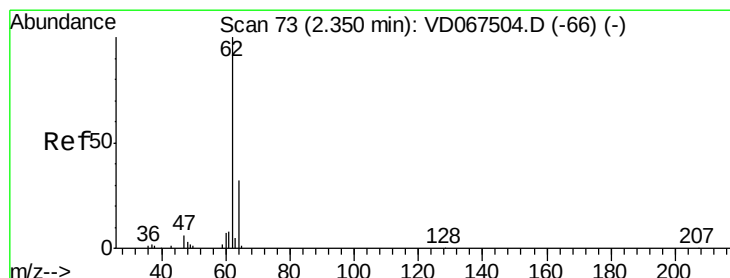
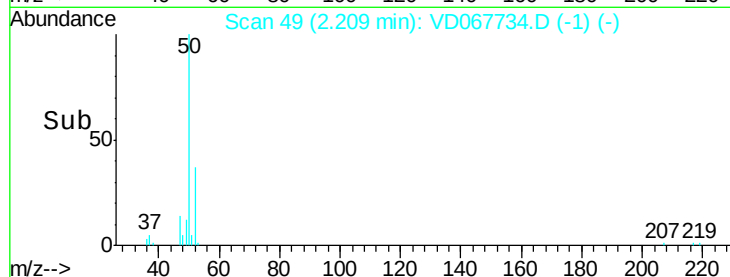
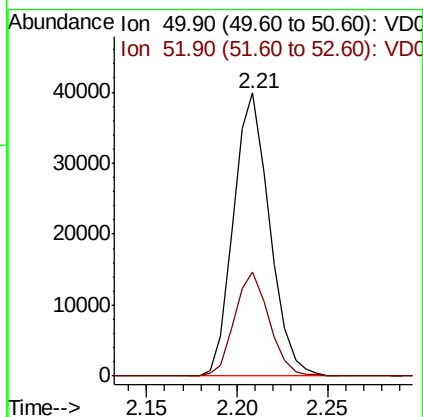
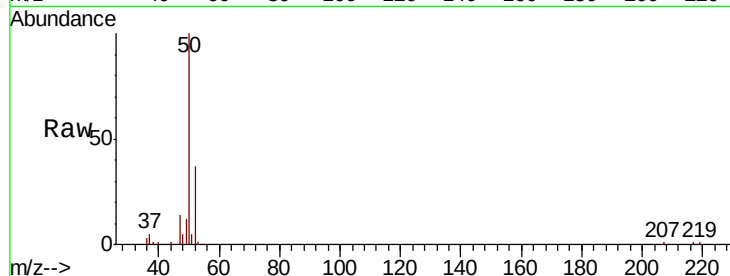
52 36.7 27.3 40.9

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:41:43 PM



#4

Vinyl Chloride

Concen: 39.139 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067734.D

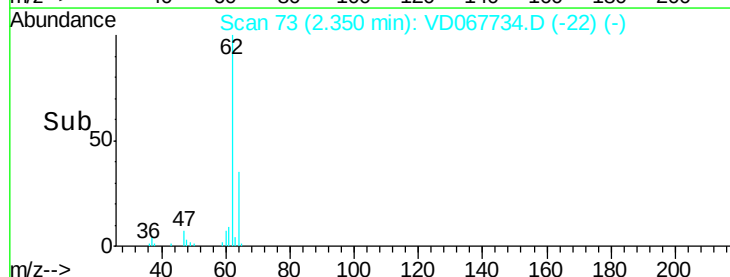
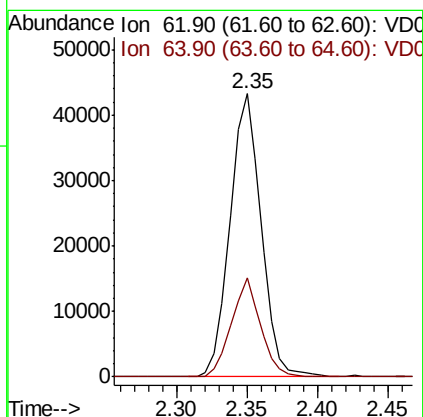
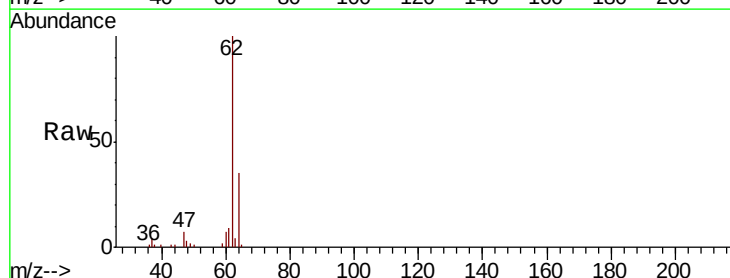
Acq: 20 Nov 2020 19:32

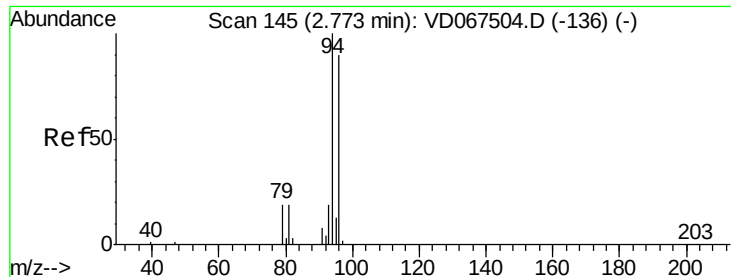
Tgt Ion: 62 Resp: 66414

Ion Ratio Lower Upper

62 100

64 34.8 25.6 38.4





#5

Bromomethane

Concen: 41.647 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 57280

Ion Ratio Lower Upper

94 100

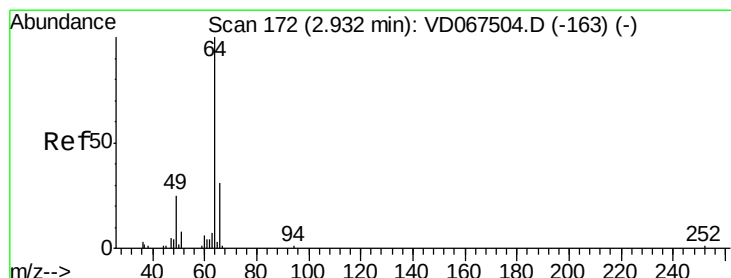
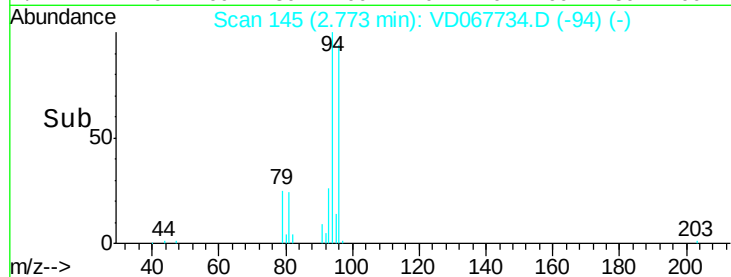
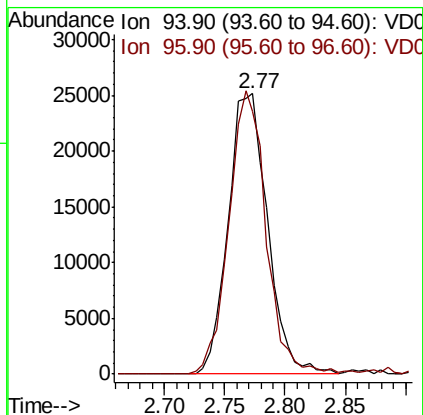
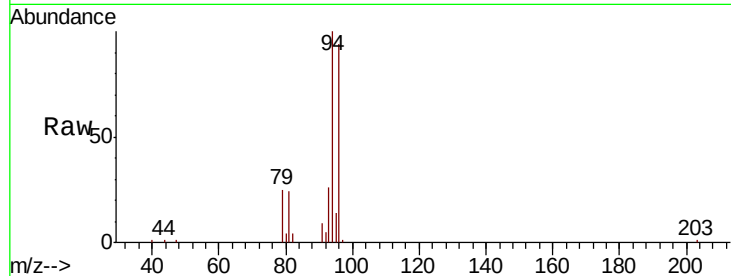
96 94.0 72.2 108.2

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:41:43 PM



#6

Chloroethane

Concen: 43.423 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067734.D

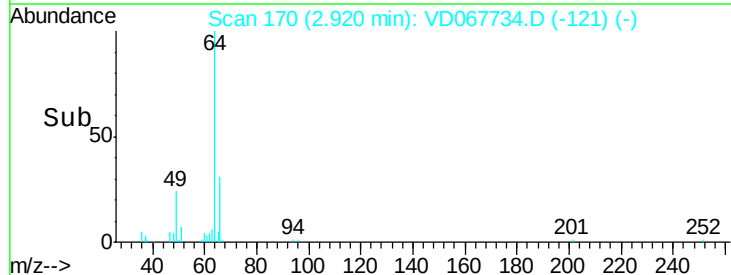
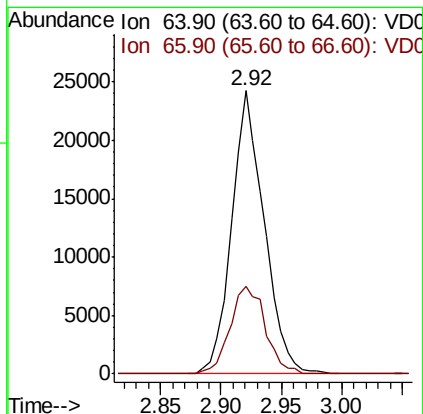
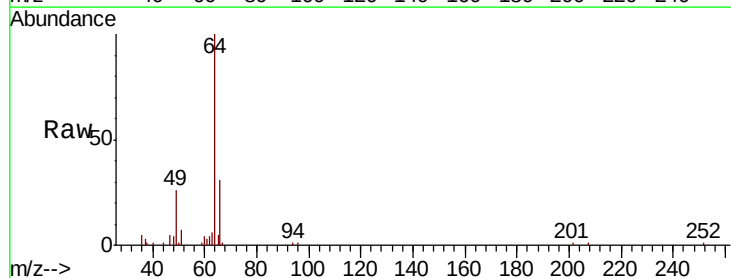
Acq: 20 Nov 2020 19:32

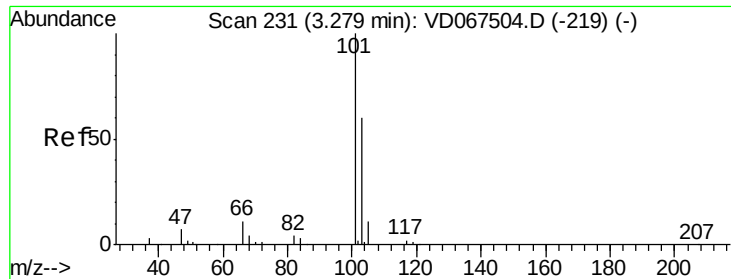
Tgt Ion: 64 Resp: 45427

Ion Ratio Lower Upper

64 100

66 30.8 24.6 36.8





#7

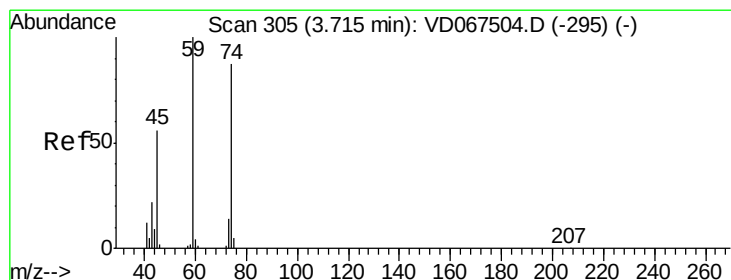
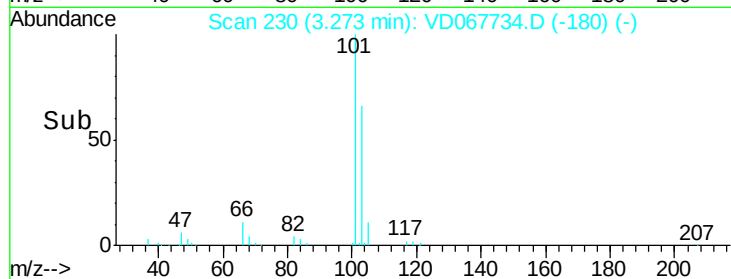
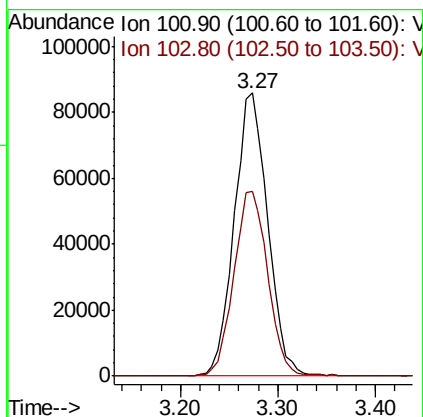
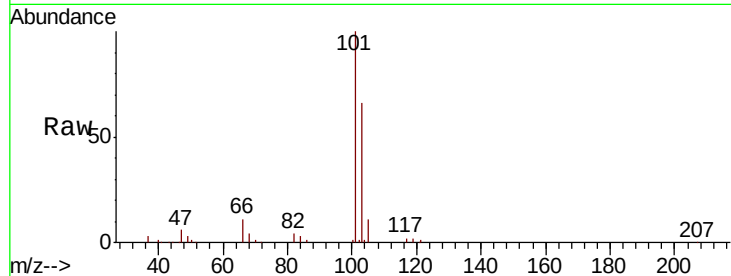
Trichlorofluoromethane
Concen: 46.569 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	48.1	72.1

Manual Integrations
APPROVED

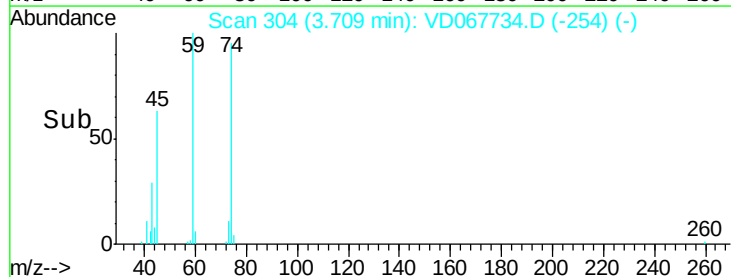
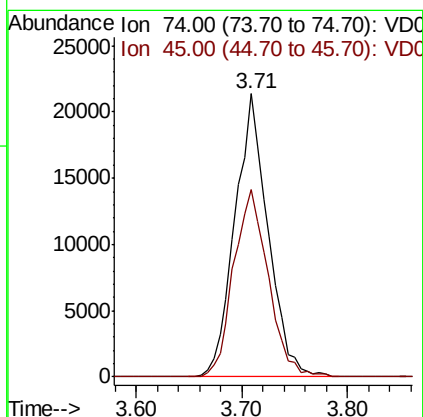
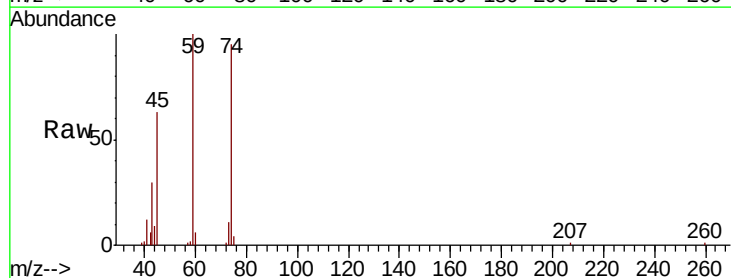
MMDadoda
11/23/2020 1:41:43 PM

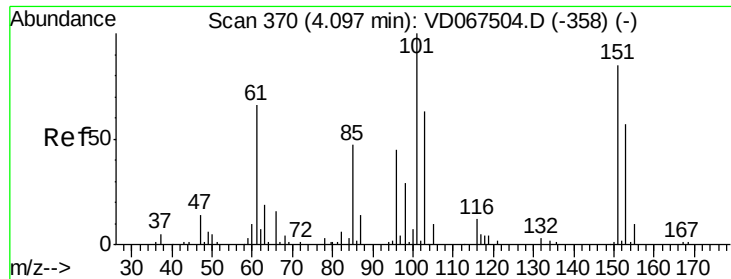


#8

Diethyl Ether
Concen: 52.470 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	69.0	38.2	114.6





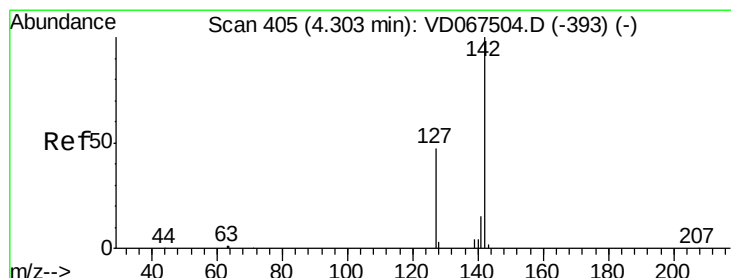
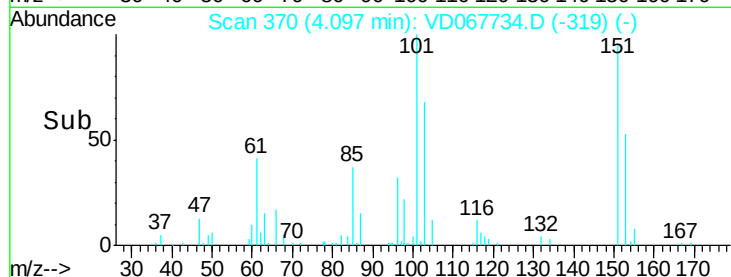
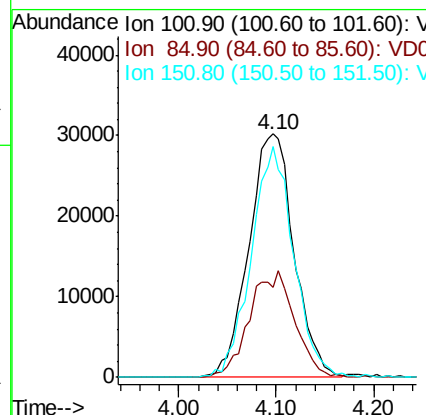
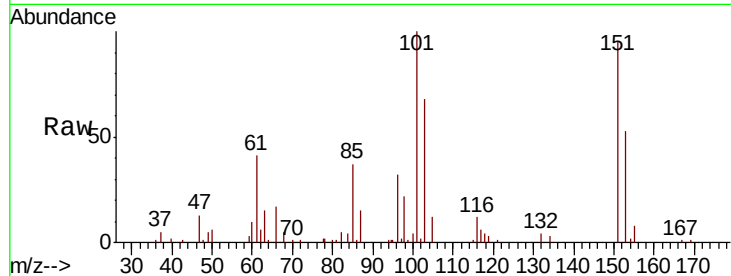
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.007 ug/l
RT: 4.10 min Scan# 370
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.5	34.4	51.6
151	89.5	68.1	102.1

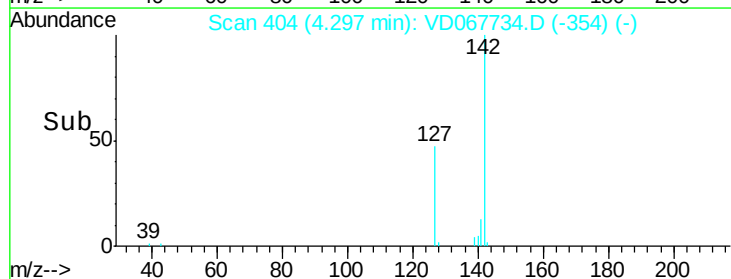
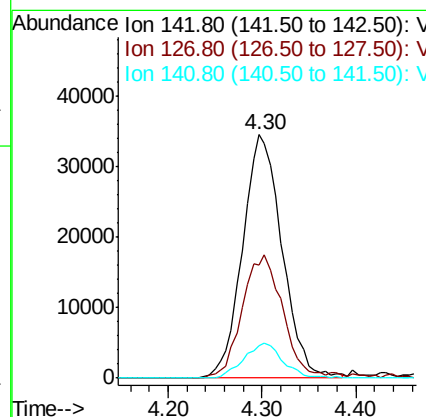
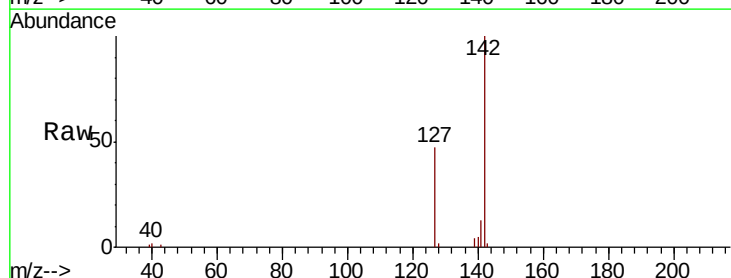
Manual Integrations
APPROVED

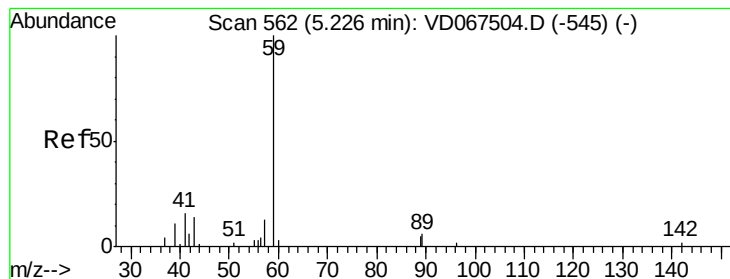
MMDadoda
11/23/2020 1:41:43 PM



#10
Methyl Iodide
Concen: 42.424 ug/l
RT: 4.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Lower	Upper
142	100		
127	51.3	40.0	60.0
141	14.2	11.7	17.5





#11

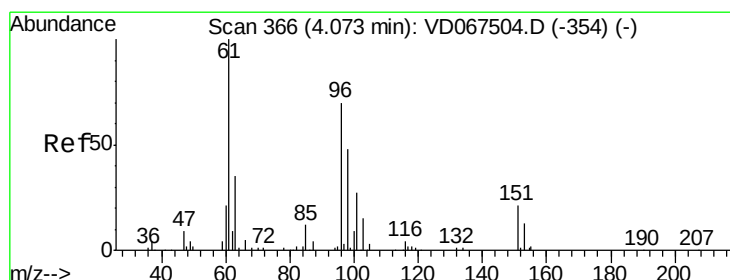
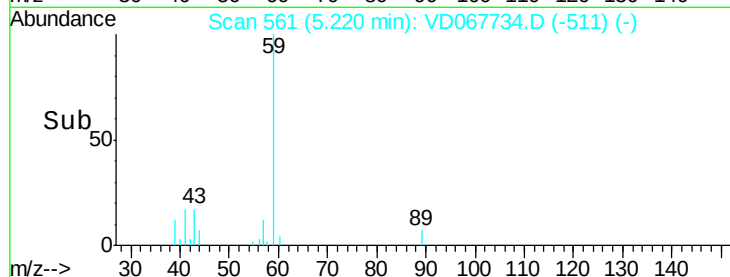
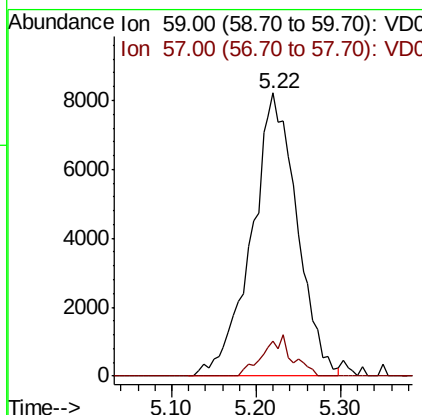
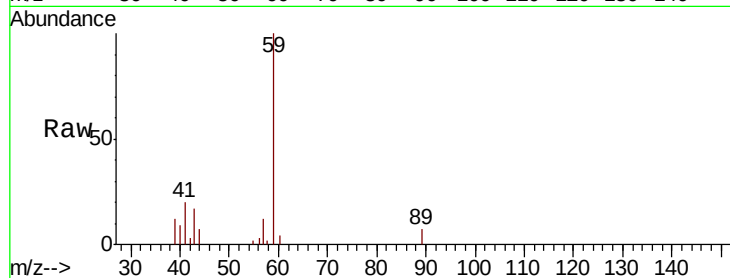
Tert butyl alcohol
 Concen: 341.039 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	5.9	8.9#

Manual Integrations
 APPROVED

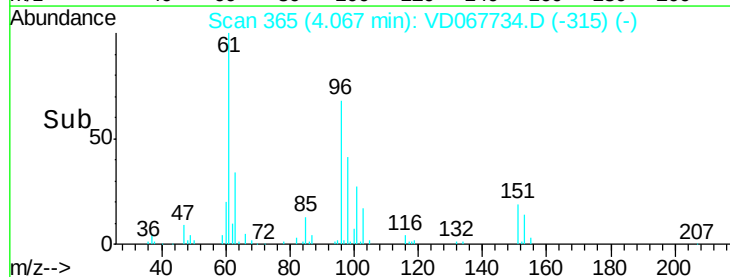
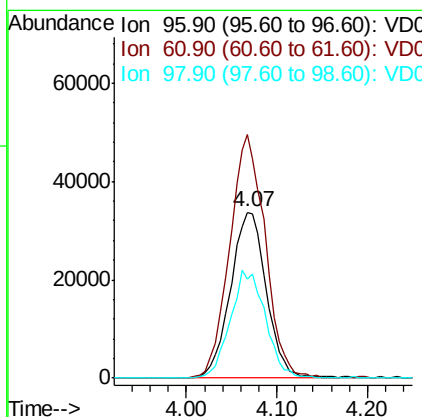
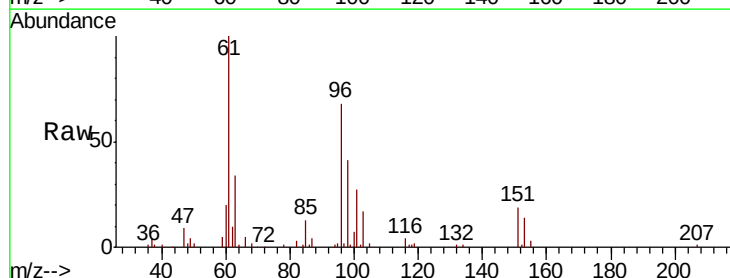
MMDadoda
 11/23/2020 1:41:43 PM

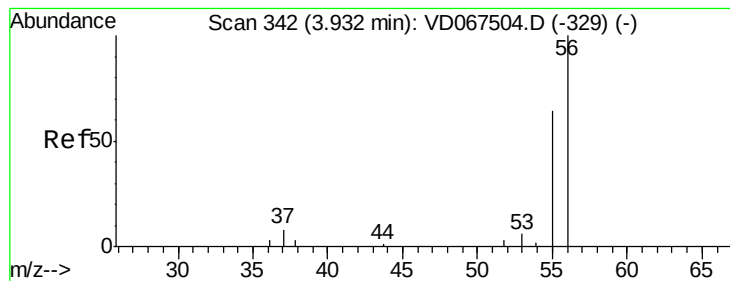


#12

1,1-Dichloroethene
 Concen: 45.344 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.7	114.5	171.7
98	59.9	54.5	81.7





#13

Acrolein

Concen: 222.025 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 20721

Ion Ratio Lower Upper

56 100

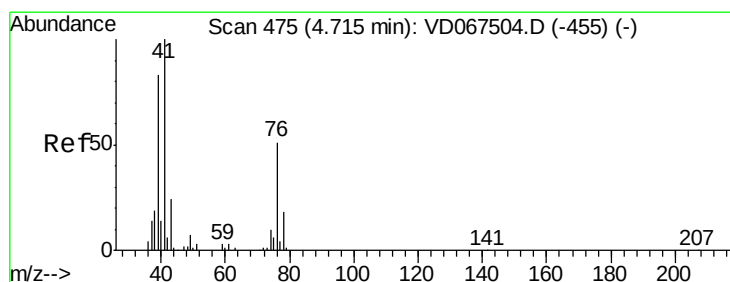
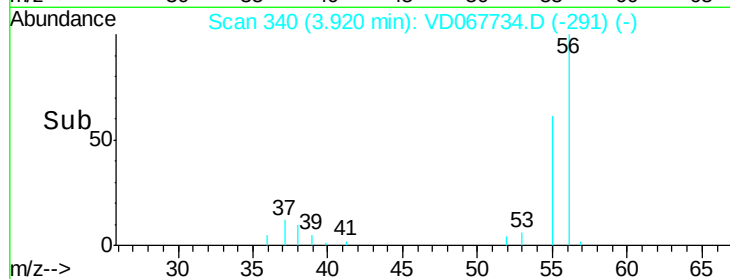
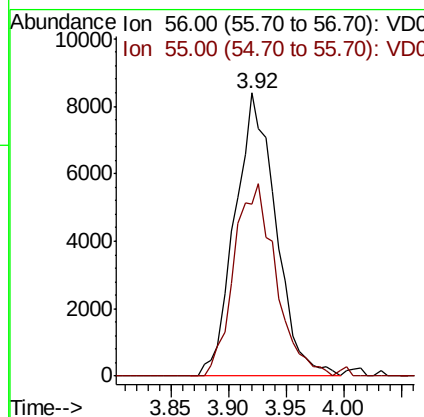
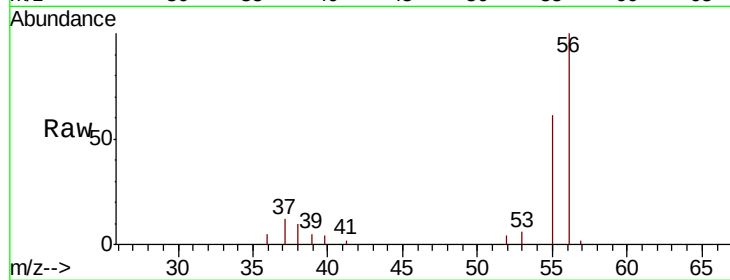
55 69.4 55.8 83.8

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:41:43 PM



#14

Allyl chloride

Concen: 44.023 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

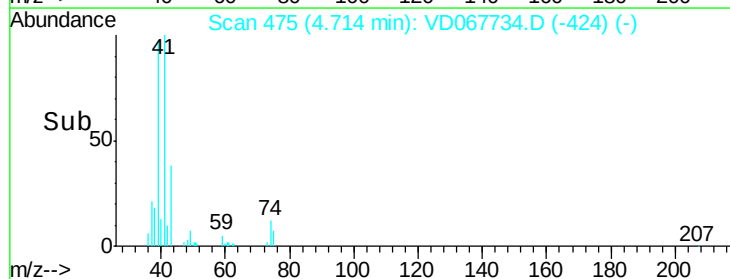
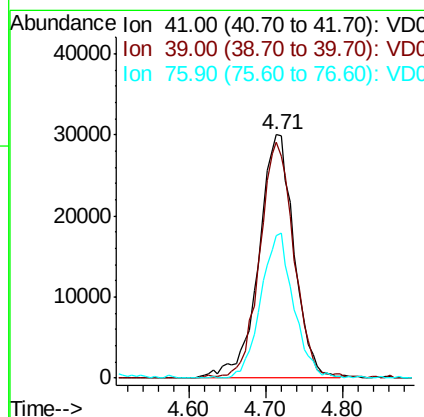
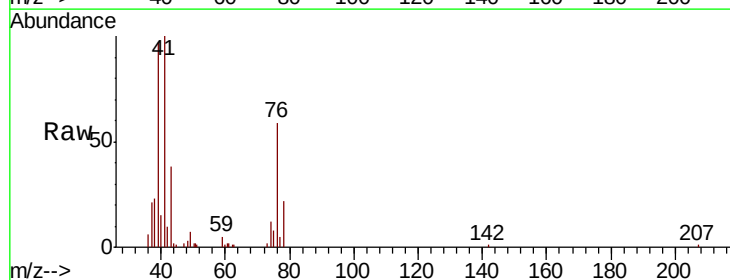
Tgt Ion: 41 Resp: 96115

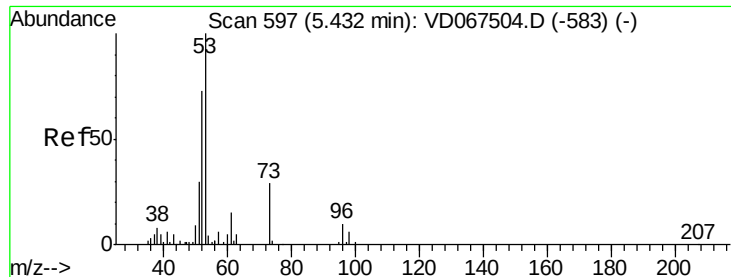
Ion Ratio Lower Upper

41 100

39 93.5 67.4 101.0

76 55.1 42.2 63.2





#15

Acrylonitrile

Concen: 265.292 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

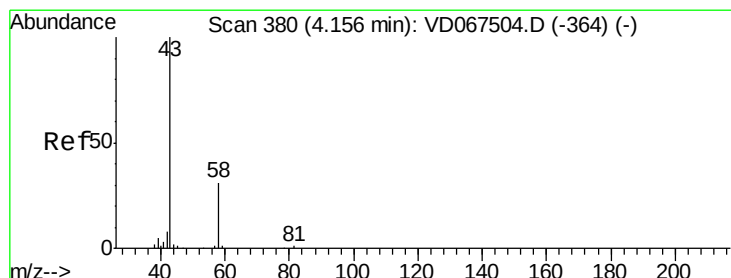
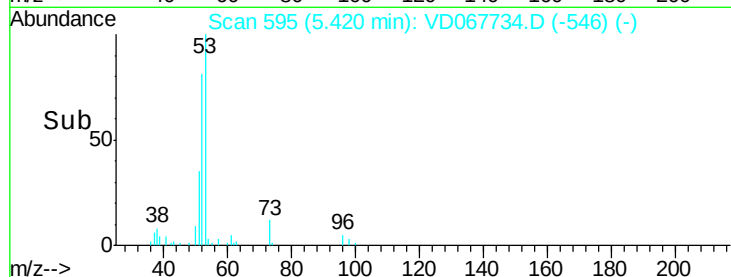
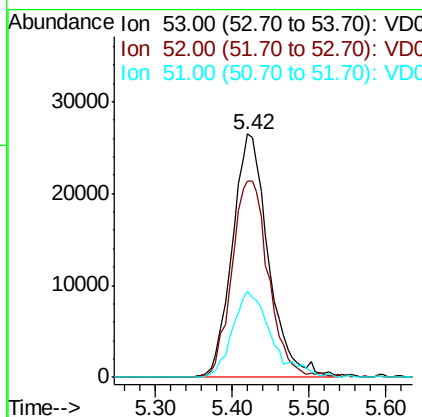
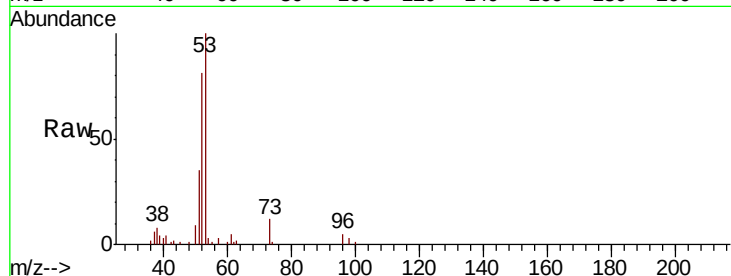
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	86820
Ion	Ratio	Lower	Upper
53	100		
52	82.0	64.8	97.2
51	37.7	29.5	44.3

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:41:43 PM



#16

Acetone

Concen: 224.261 ug/l

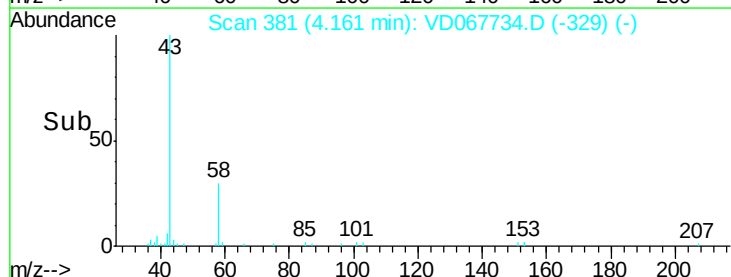
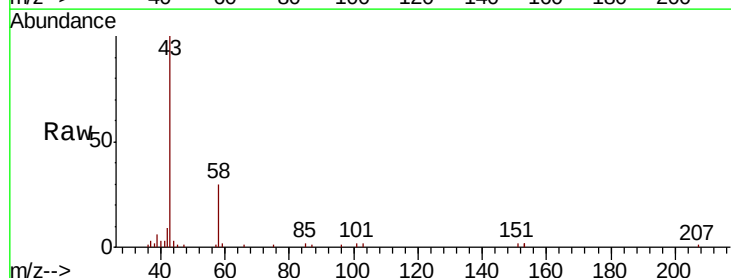
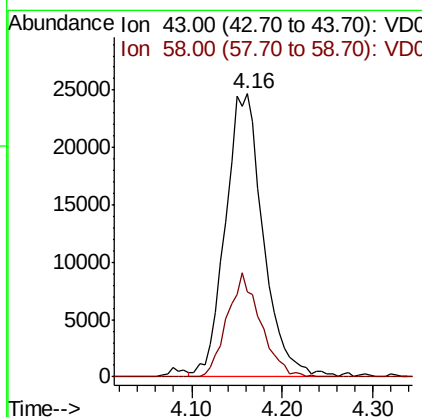
RT: 4.16 min Scan# 381

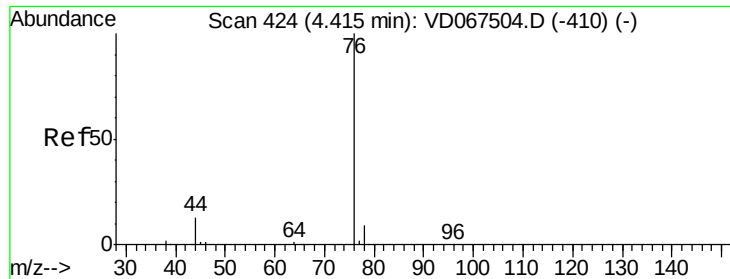
Delta R.T. 0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Tgt Ion:	43	Resp:	71720
Ion	Ratio	Lower	Upper
43	100		
58	29.8	25.2	37.8





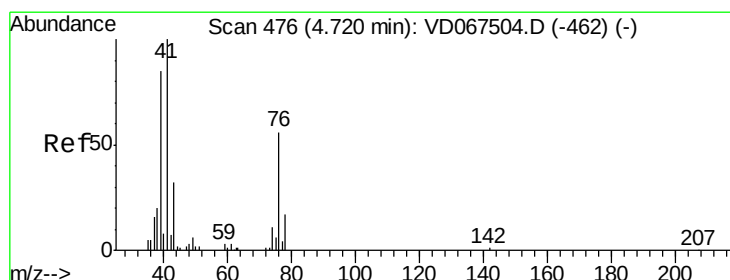
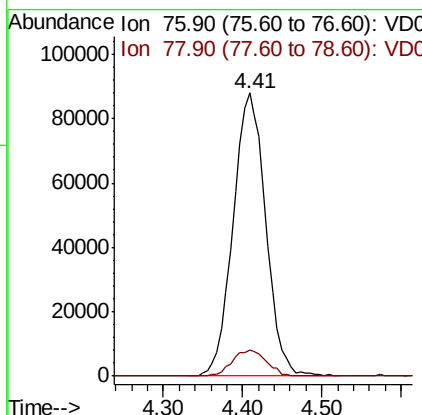
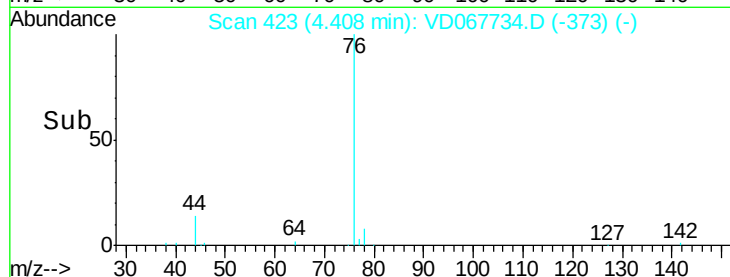
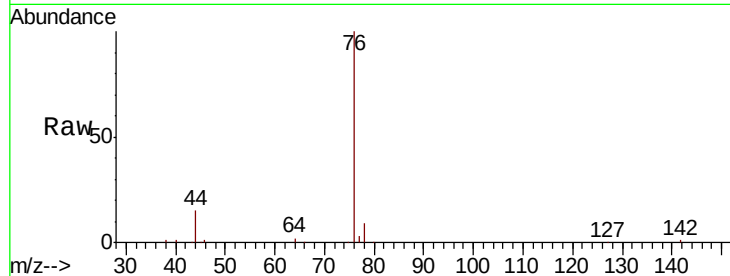
#17
Carbon Disulfide
Concen: 40.027 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

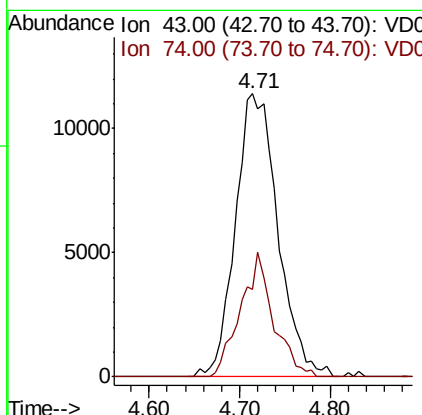
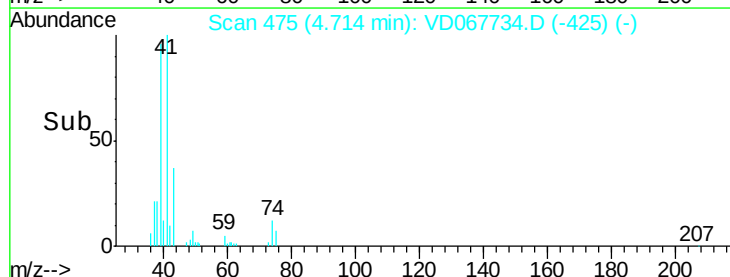
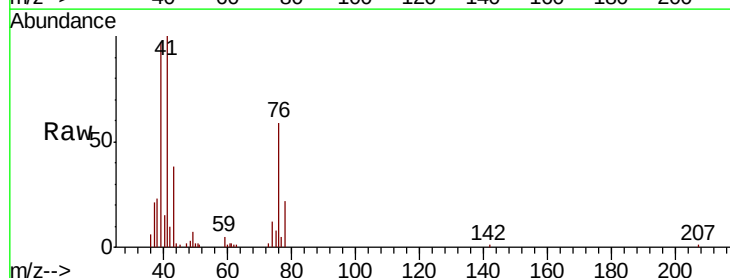
Manual Integrations
APPROVED

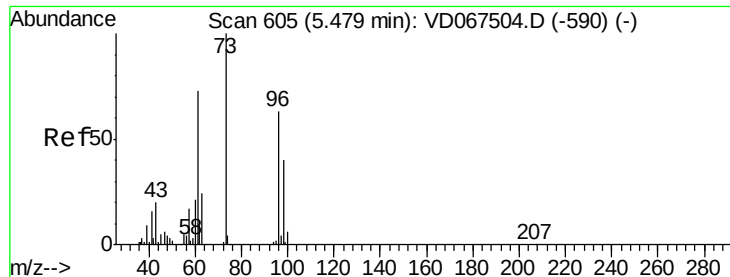
MMDadoda
11/23/2020 1:41:43 PM



#18
Methyl Acetate
Concen: 56.158 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	33.9	27.2	40.8





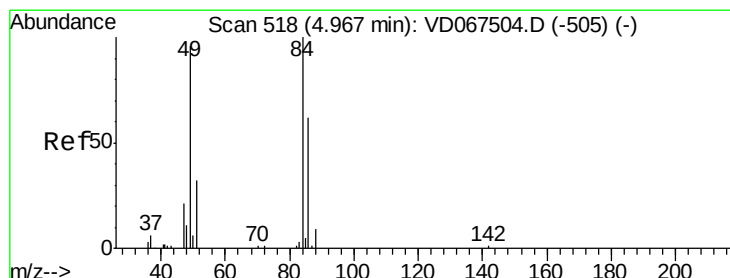
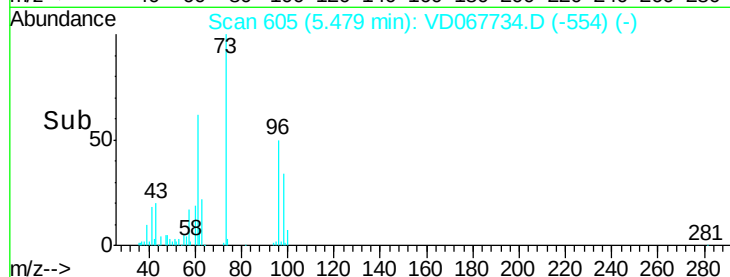
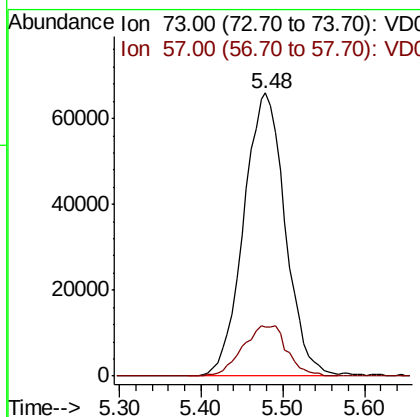
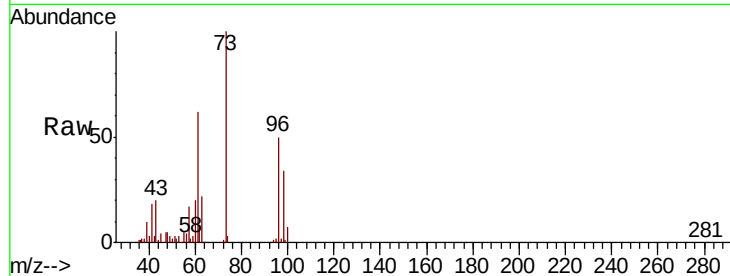
#19
Methyl tert-butyl Ether
Concen: 57.779 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 232496
Ion Ratio Lower Upper
73 100
57 17.3 13.4 20.0

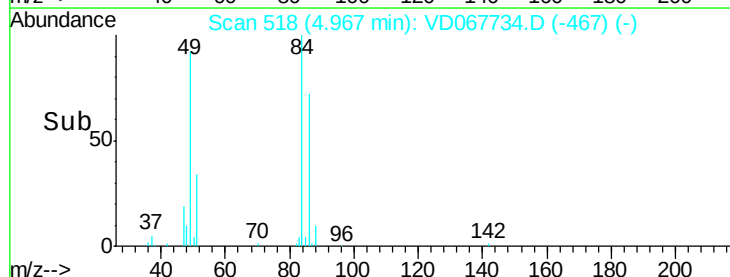
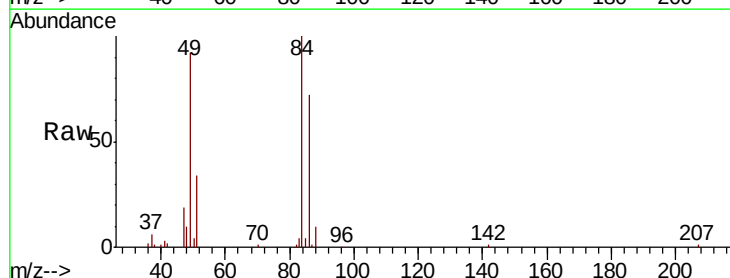
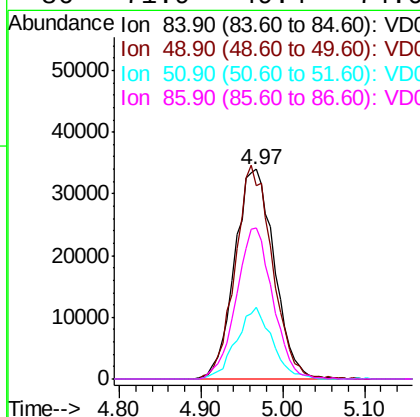
Manual Integrations
APPROVED

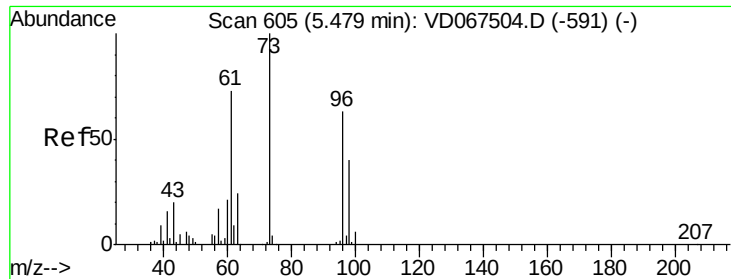
MMDadoda
11/23/2020 1:41:43 PM



#20
Methylene Chloride
Concen: 50.582 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion: 84 Resp: 114269
Ion Ratio Lower Upper
84 100
49 92.0 77.0 115.4
51 34.0 25.4 38.2
86 71.9 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 47.889 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

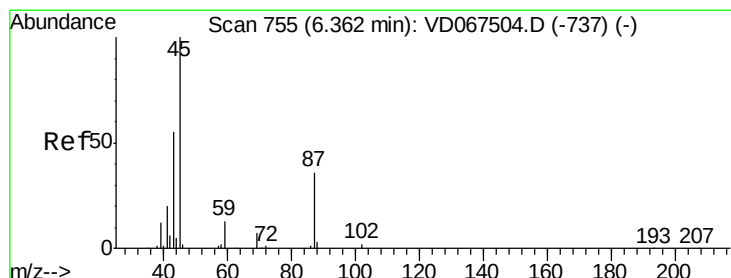
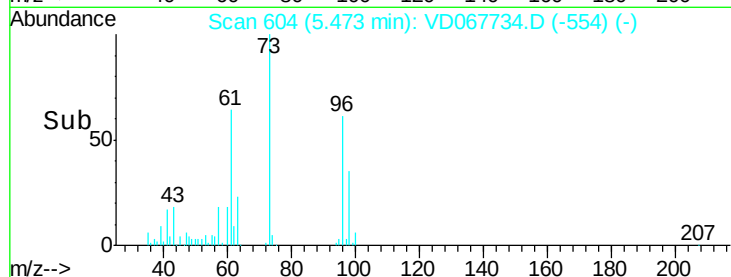
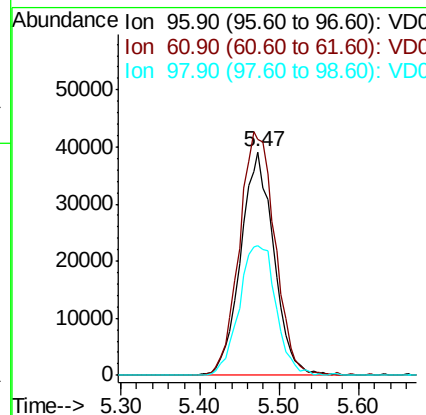
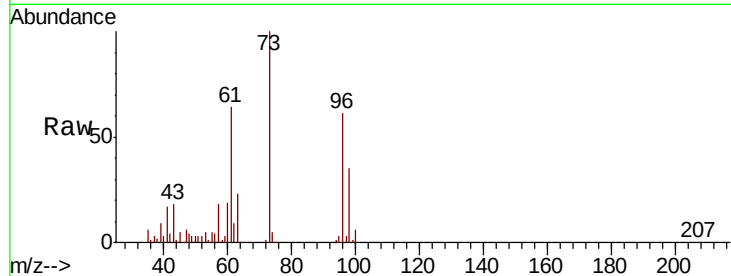
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	113785
Ion	Ratio	Lower	Upper
96	100		
61	105.5	93.0	139.6
98	58.0	50.9	76.3

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:41:43 PM



#22

Diisopropyl ether

Concen: 49.925 ug/l

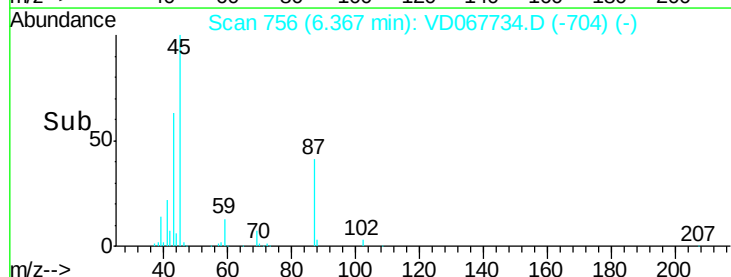
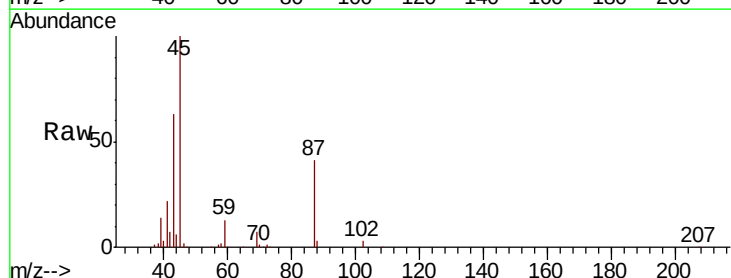
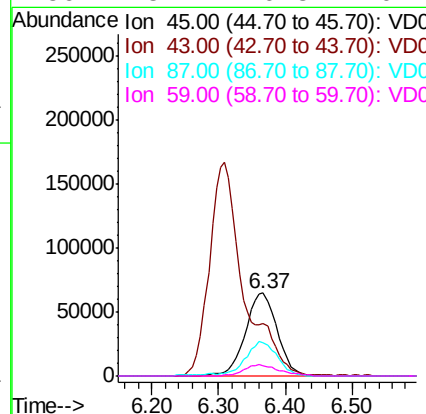
RT: 6.37 min Scan# 756

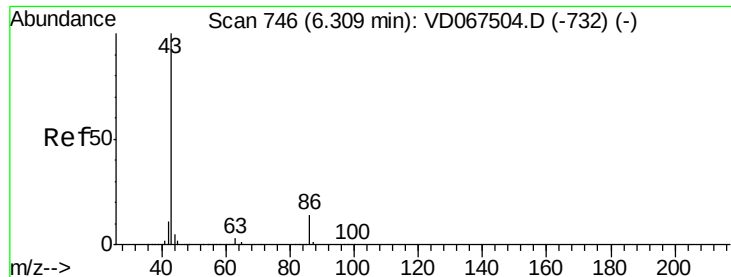
Delta R.T. 0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Tgt Ion:	45	Resp:	212413
Ion	Ratio	Lower	Upper
45	100		
43	62.2	46.2	69.4
87	40.7	29.4	44.2
59	13.2	10.8	16.2





#23

Vinyl Acetate

Concen: 266.066 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 592551

Ion Ratio Lower Upper

43 100

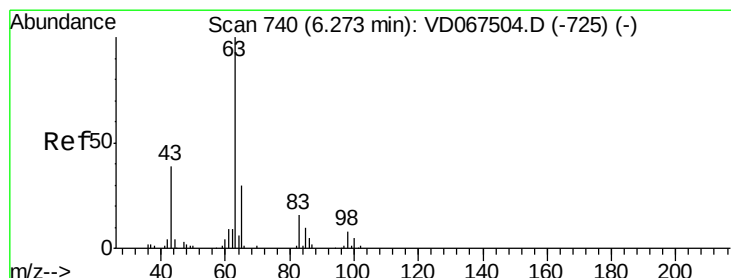
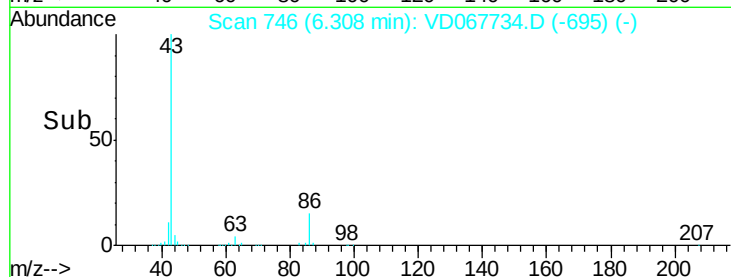
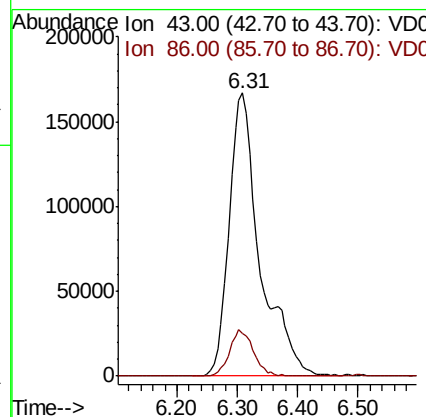
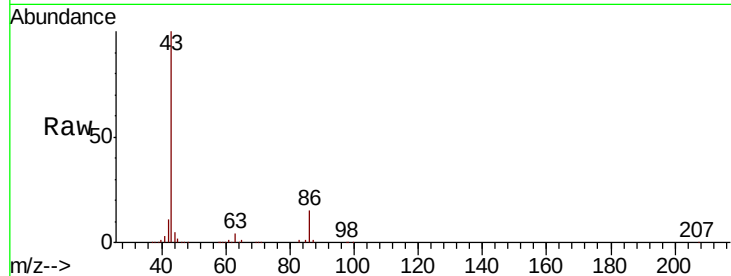
86 15.1 11.6 17.4

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:41:43 PM



#24

1,1-Dichloroethane

Concen: 49.778 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

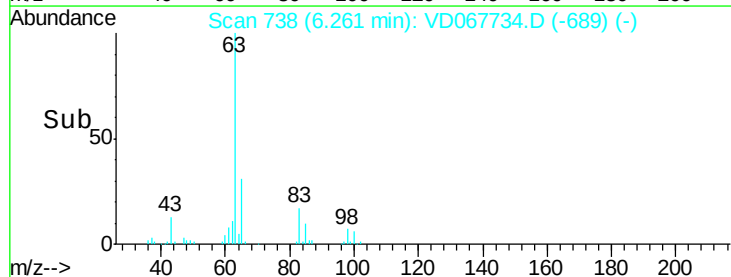
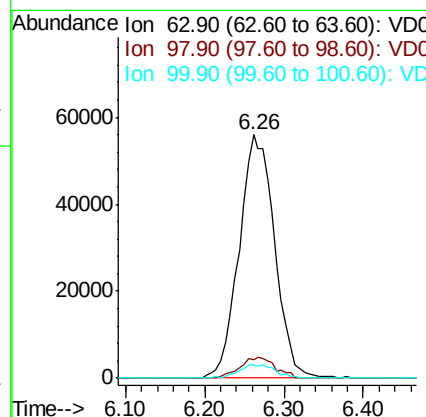
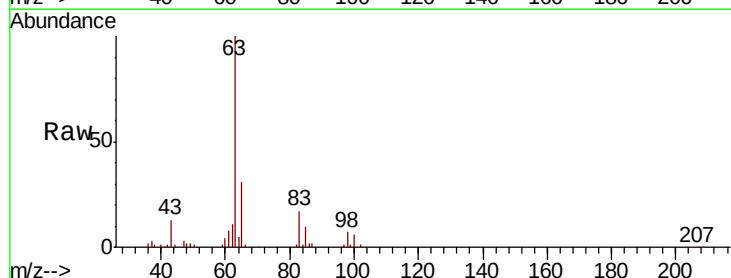
Tgt Ion: 63 Resp: 173259

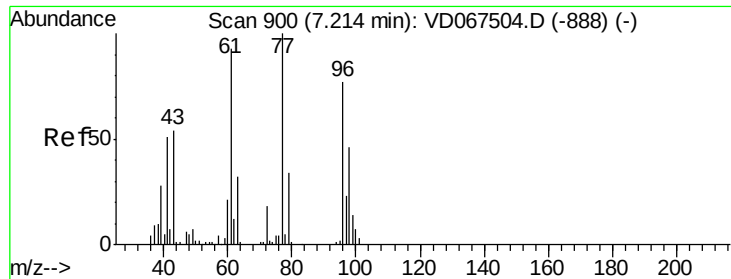
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 5.6 2.6 7.8





#25

2-Butanone

Concen: 274.771 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 93895

Ion Ratio Lower Upper

43 100

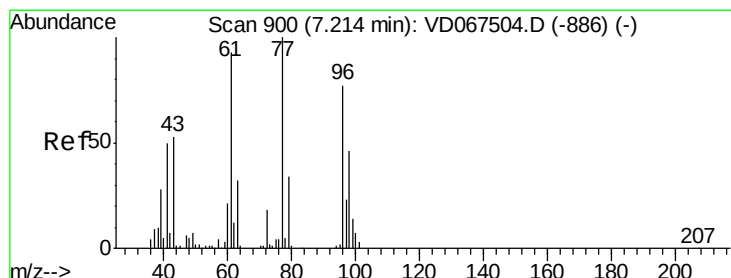
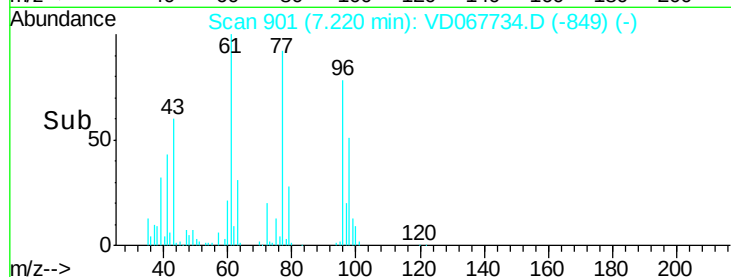
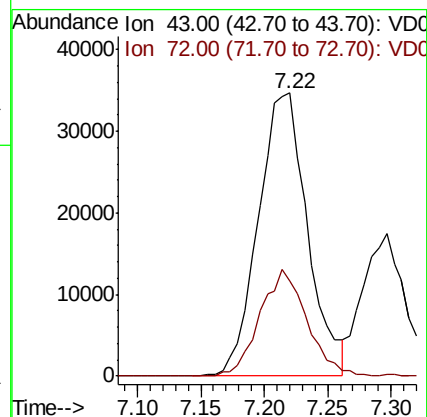
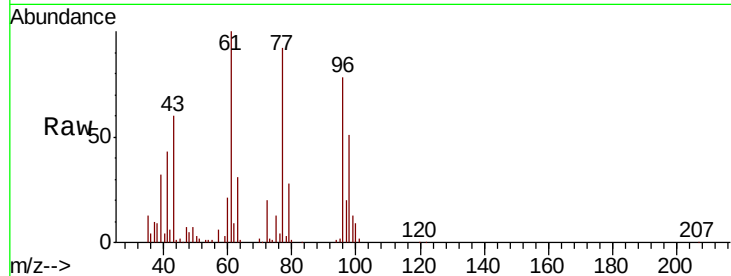
72 33.5 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:41:43 PM



#26

2,2-Dichloropropane

Concen: 48.591 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067734.D

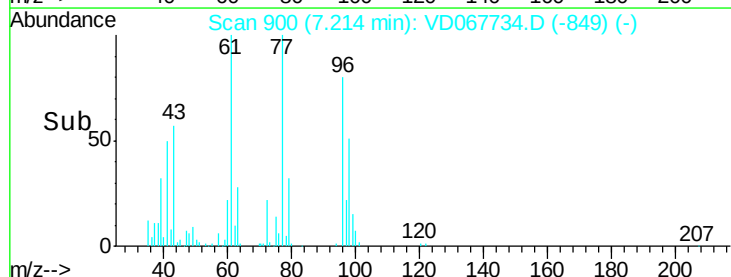
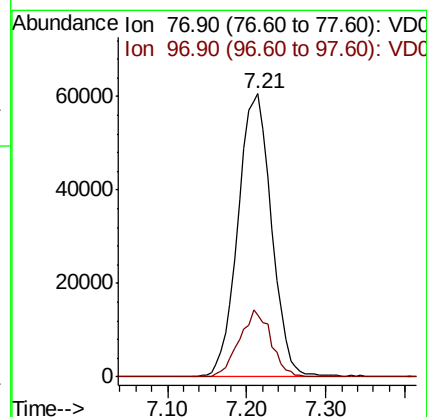
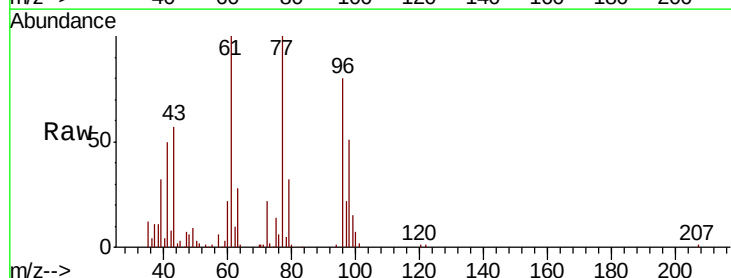
Acq: 20 Nov 2020 19:32

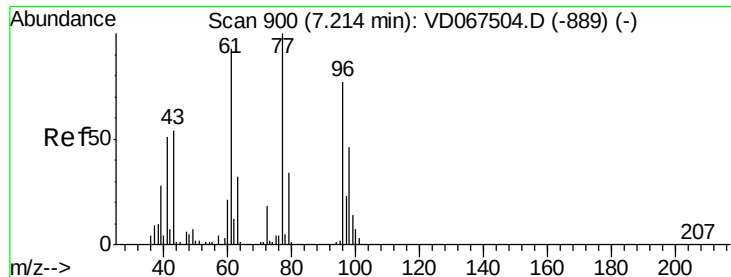
Tgt Ion: 77 Resp: 178499

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 51.333 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

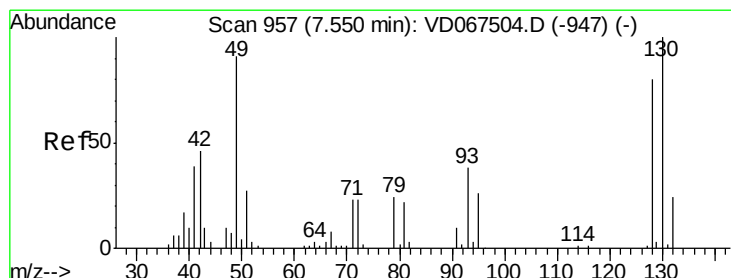
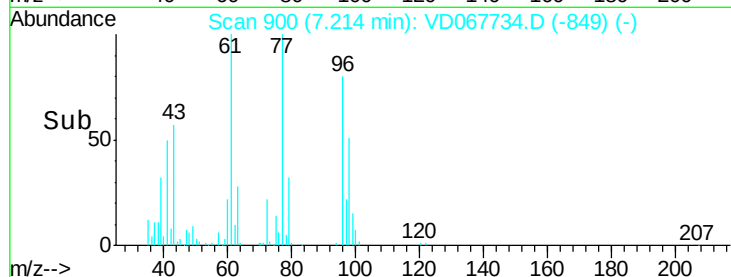
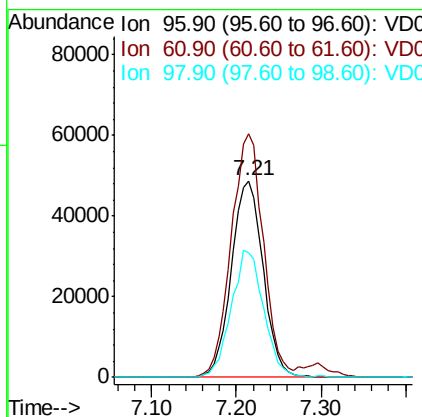
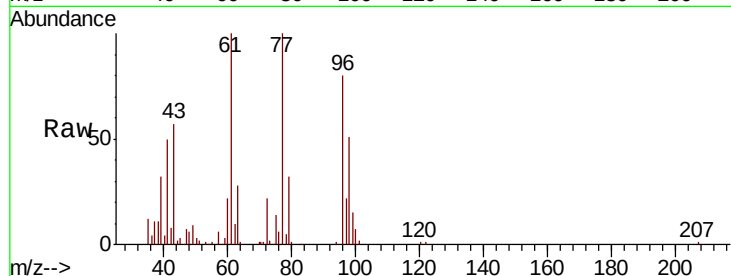
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	126599
Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	251.6
98	65.9	0.0	128.0

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:41:43 PM



#28

Bromochloromethane

Concen: 50.266 ug/l

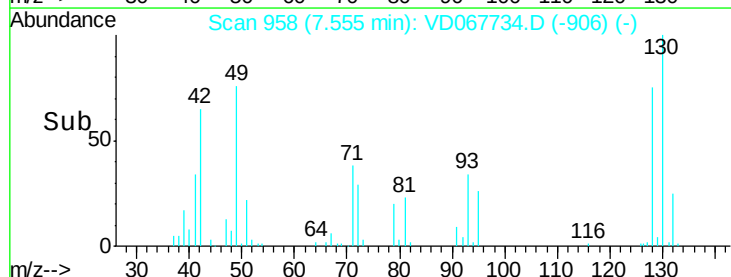
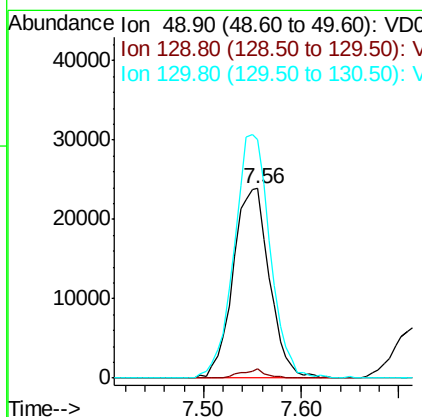
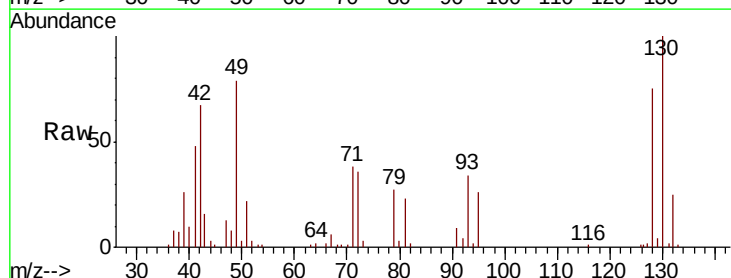
RT: 7.56 min Scan# 958

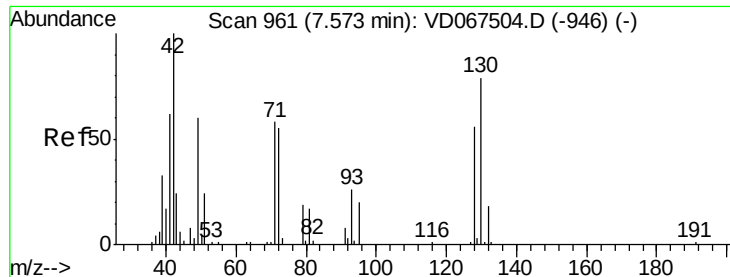
Delta R.T. 0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Tgt Ion:	49	Resp:	62234
Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	6.4
130	127.1	94.6	142.0





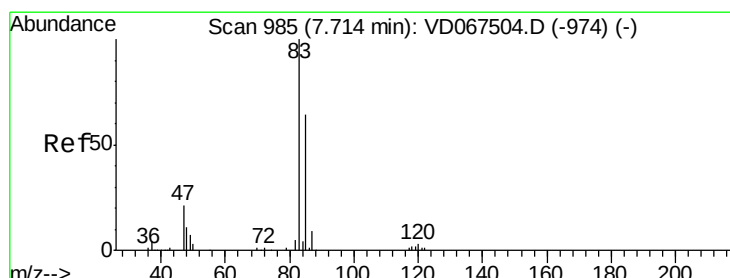
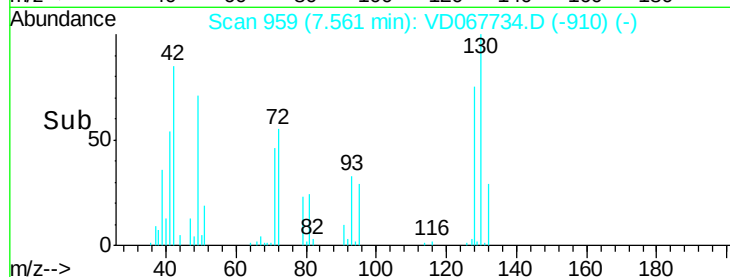
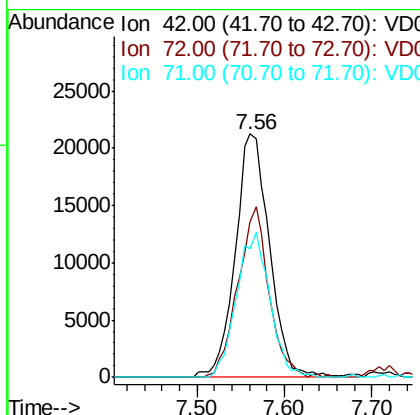
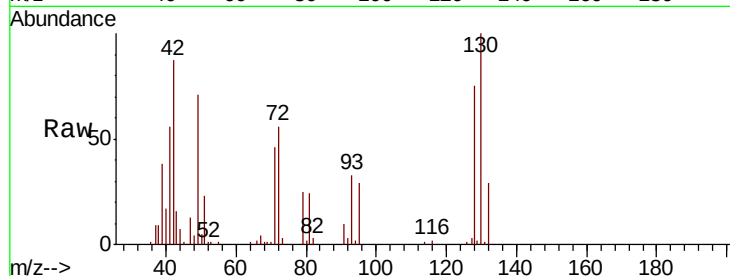
#29
Tetrahydrofuran
Concen: 274.568 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	63.2	46.3	69.5
71	58.1	44.0	66.0

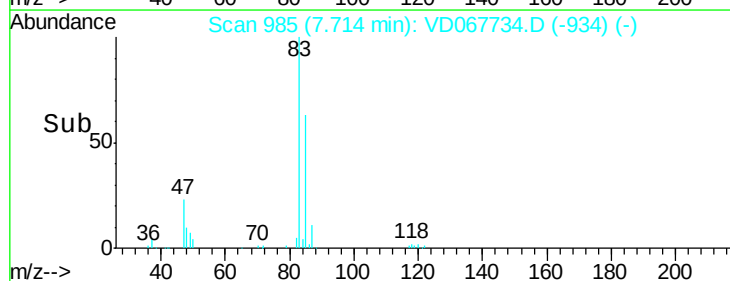
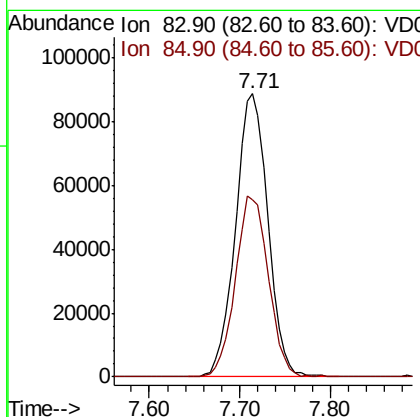
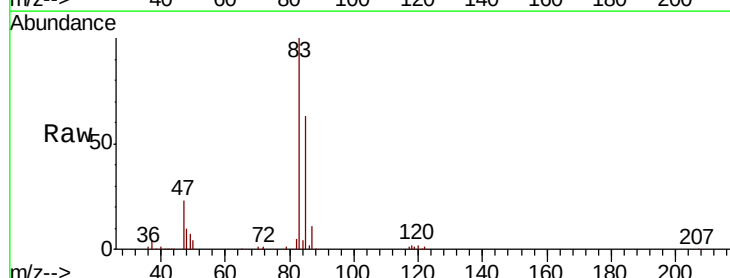
Manual Integrations
APPROVED

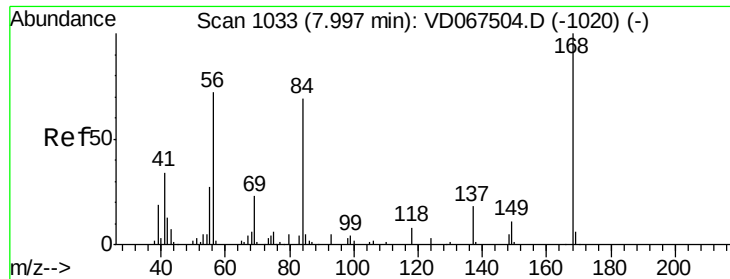
MMDadoda
11/23/2020 1:41:43 PM



#30
Chloroform
Concen: 53.123 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.5	77.3





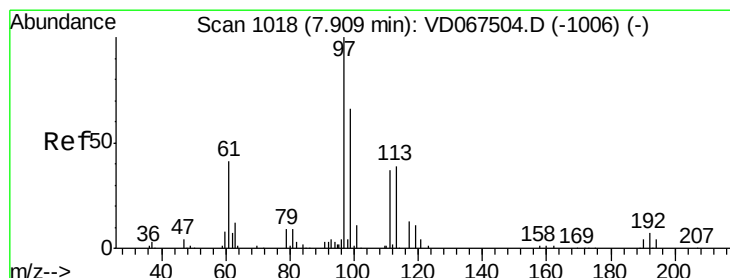
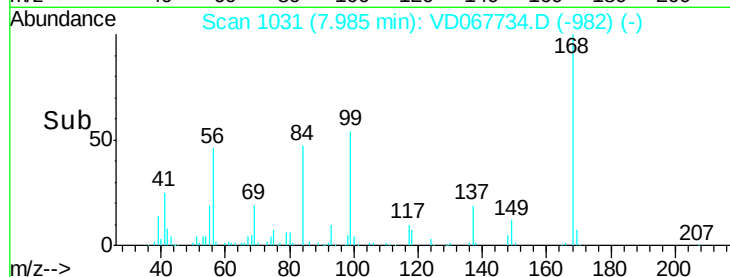
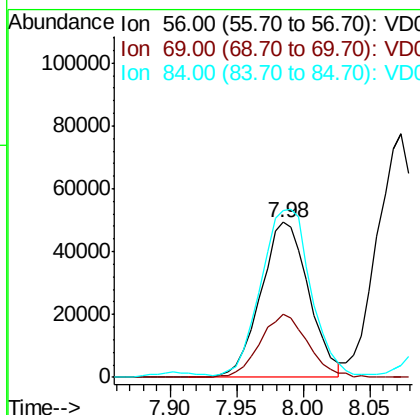
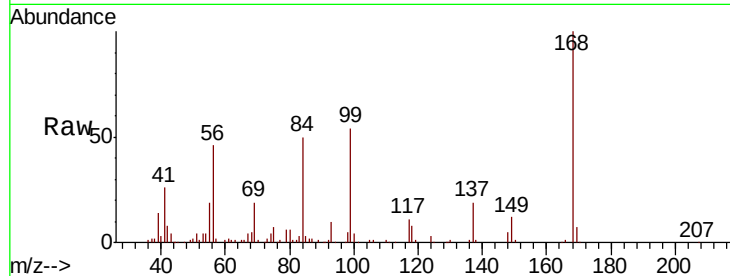
#31
Cyclohexane
Concen: 39.711 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	40.9	25.9	38.9#	
84	104.5	76.2	114.4	

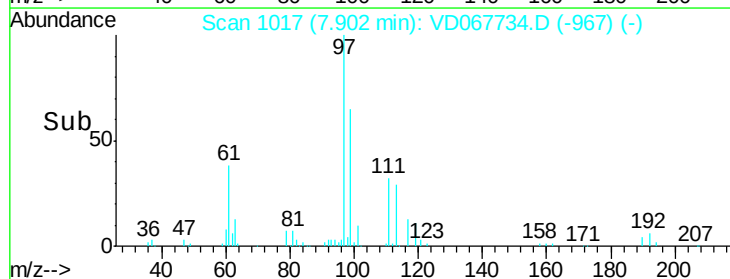
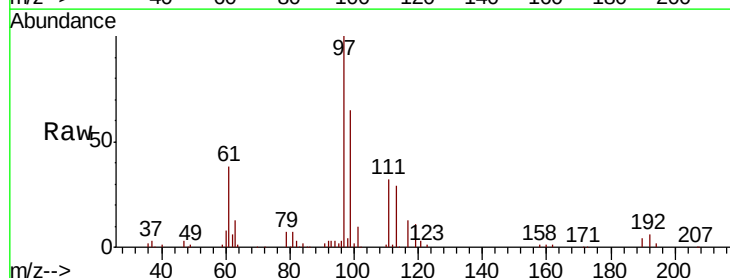
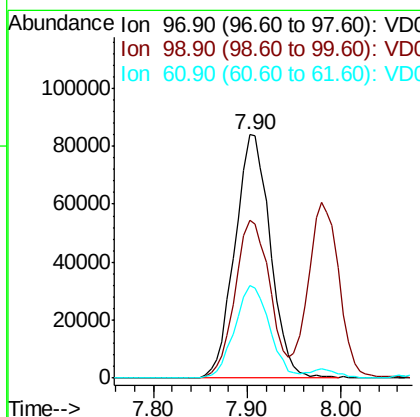
Manual Integrations
APPROVED

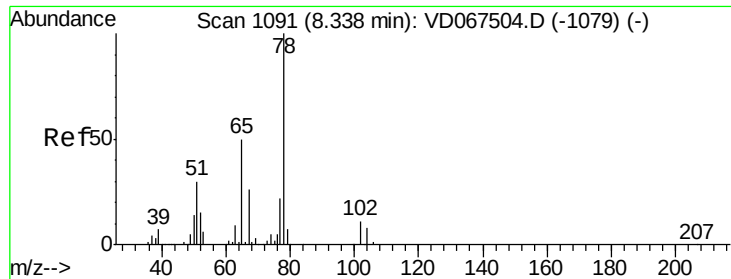
MMDadoda
11/23/2020 1:41:43 PM



#32
1,1,1-Trichloroethane
Concen: 51.123 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.0	51.8	77.6	
61	37.4	30.5	45.7	





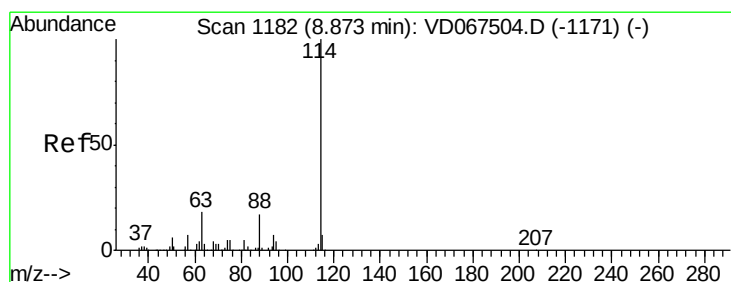
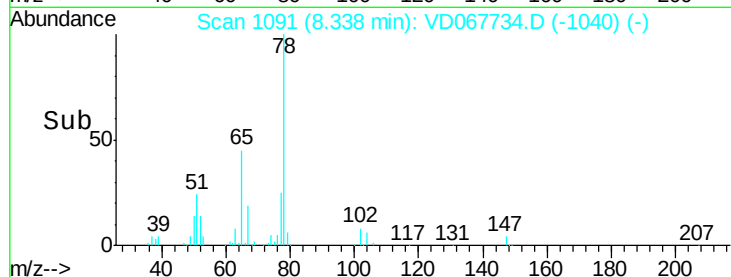
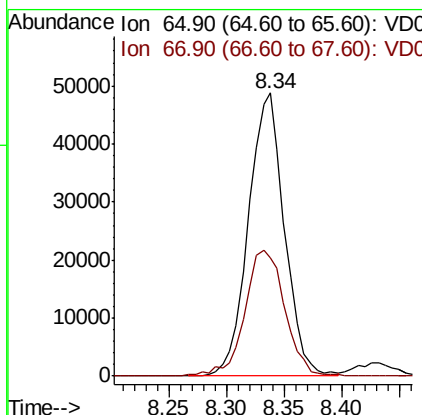
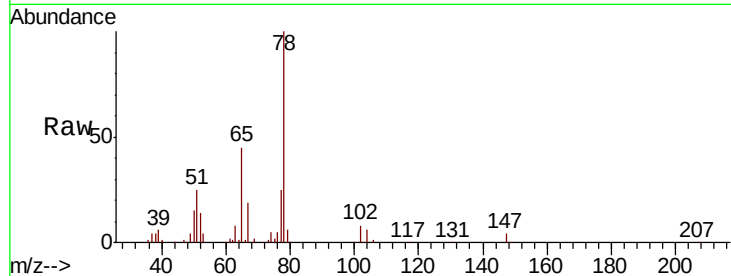
#33
 1,2-Dichloroethane-d4
 Concen: 49.523 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.5	0.0	99.4	

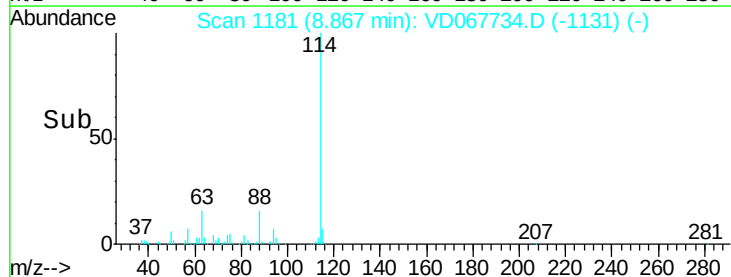
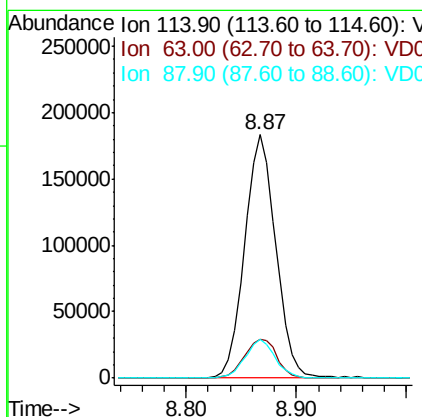
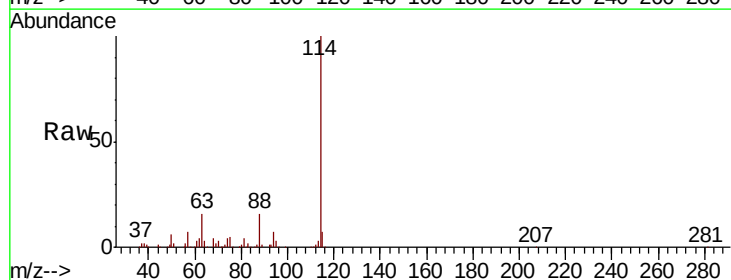
Manual Integrations
 APPROVED

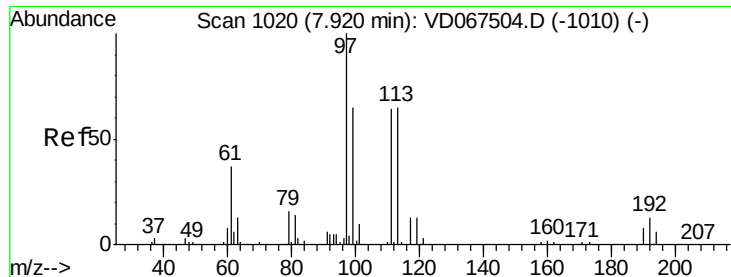
MMDadoda
 11/23/2020 1:41:43 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.0	0.0	35.0	
88	15.9	0.0	33.0	





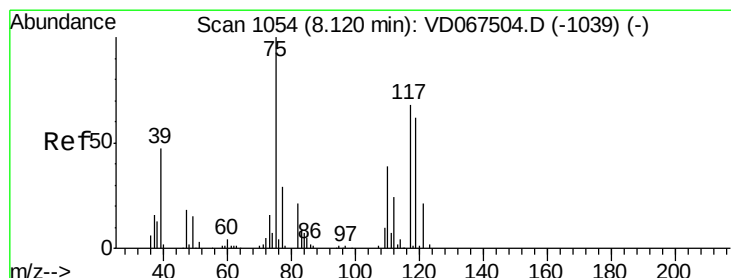
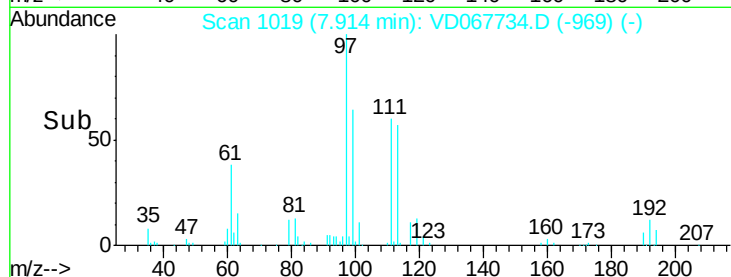
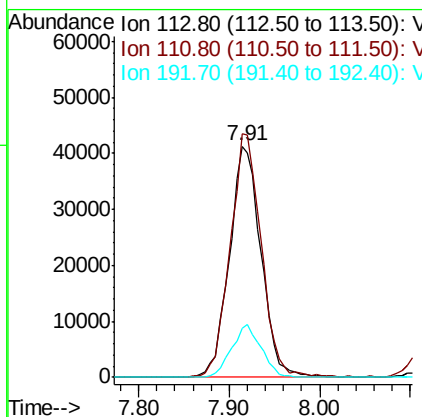
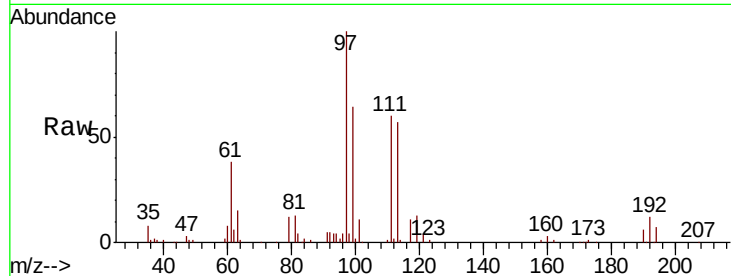
#35
 Dibromofluoromethane
 Concen: 45.541 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	99855		
111	104.1	80.0	120.0	
192	21.3	16.3	24.5	

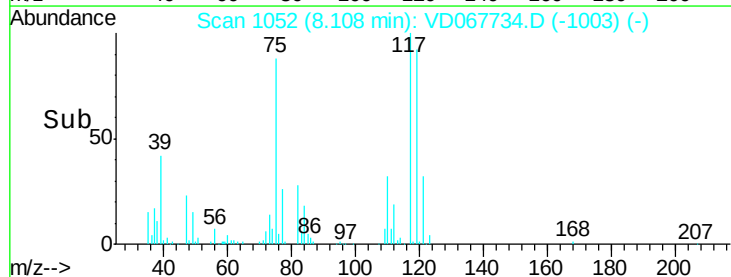
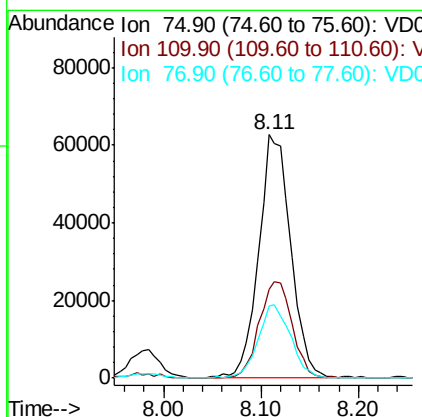
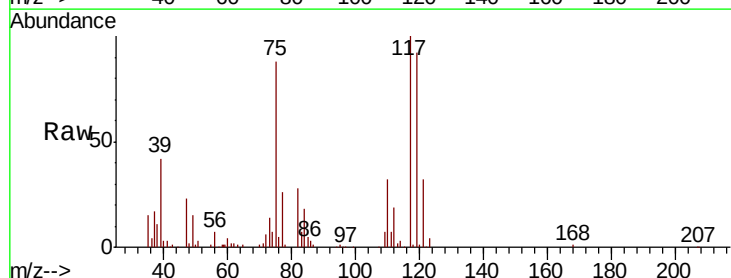
Manual Integrations
 APPROVED

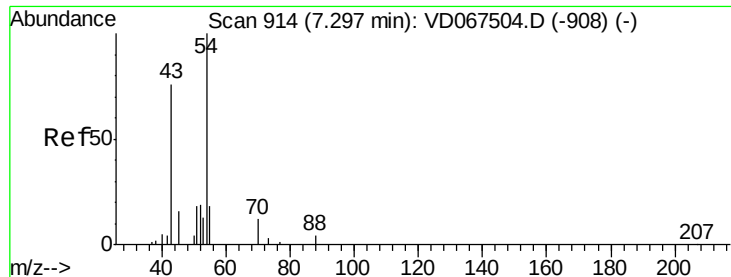
MMDadoda
 11/23/2020 1:41:43 PM



#36
 1,1-Dichloropropene
 Concen: 46.461 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	144732		
110	40.5	19.9	59.7	
77	30.5	24.8	37.2	





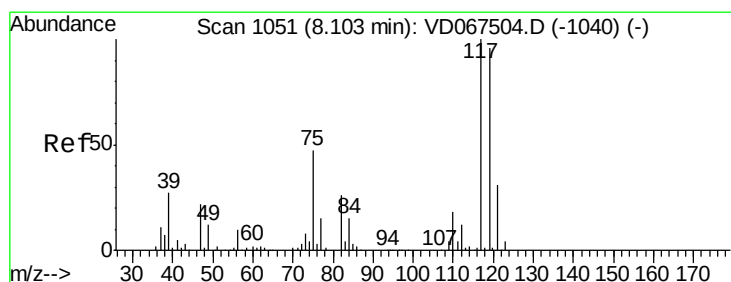
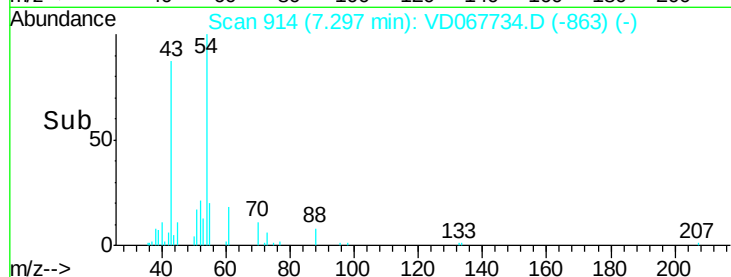
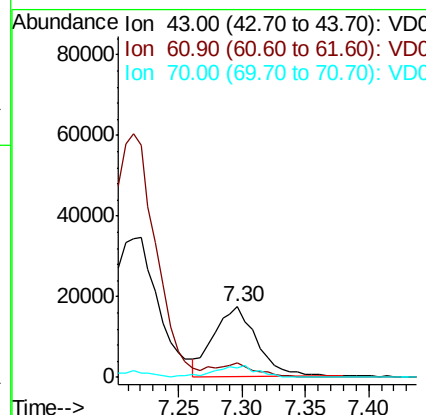
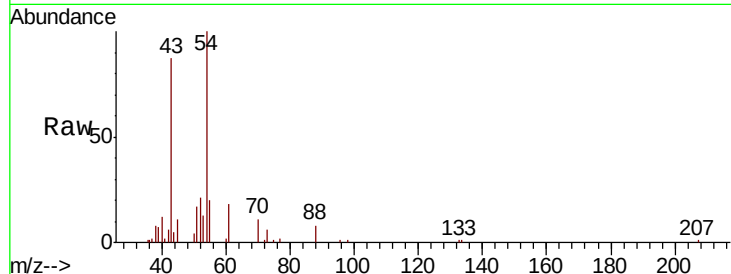
#37
Ethyl Acetate
Concen: 50.670 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.8	19.2
70	16.3	11.7	17.5

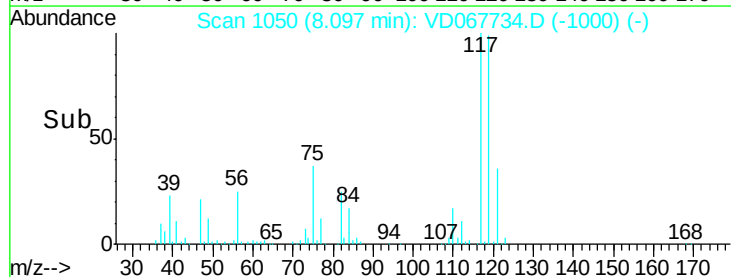
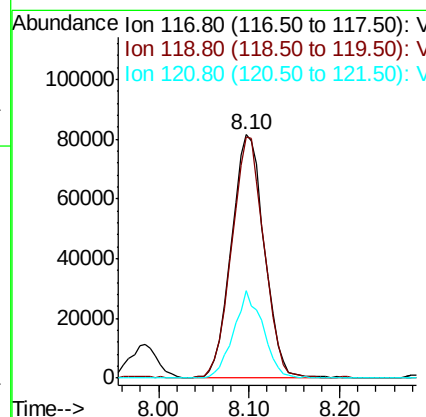
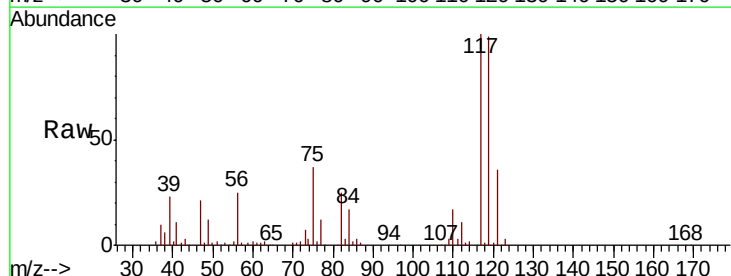
Manual Integrations
APPROVED

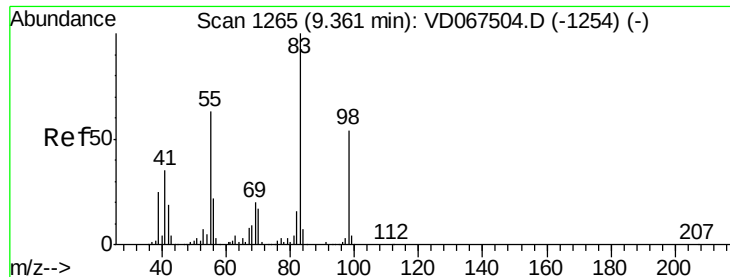
MMDadoda
11/23/2020 1:41:43 PM



#38
Carbon Tetrachloride
Concen: 50.893 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.9	115.3
121	36.0	24.5	36.7





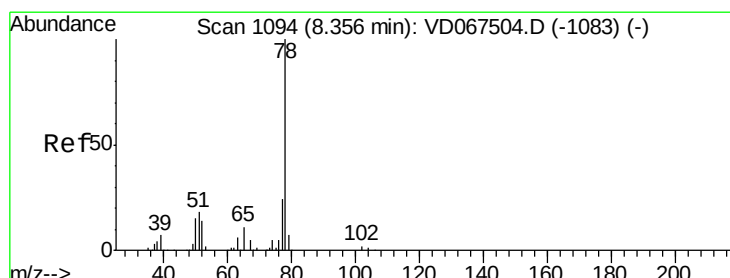
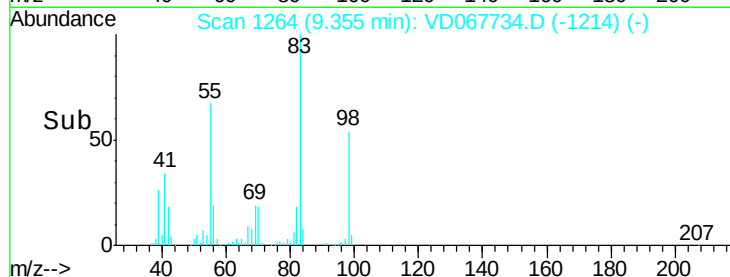
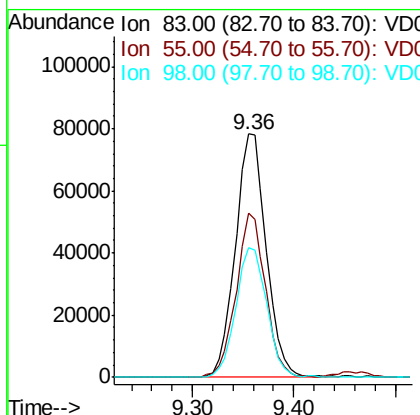
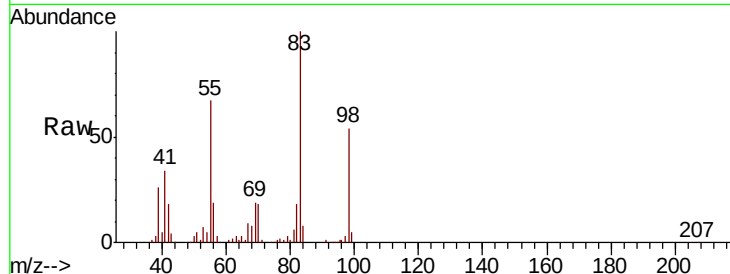
#39
Methylvlcyclohexane
Concen: 45.194 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	165699		
55	67.3		50.5	75.7
98	53.5		43.4	65.0

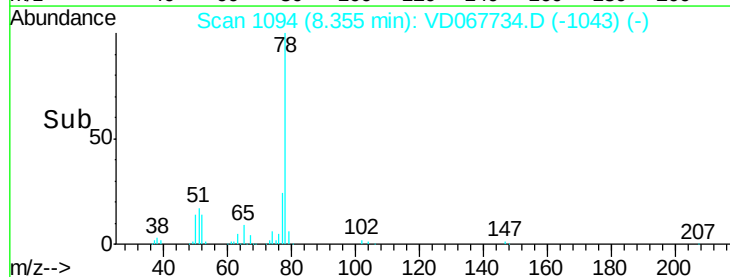
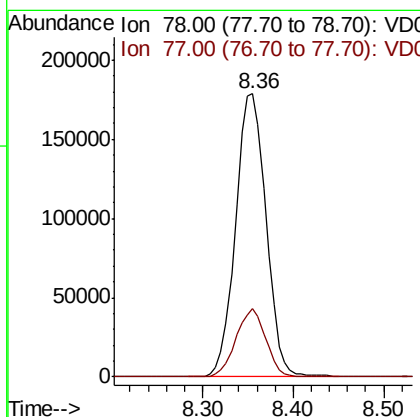
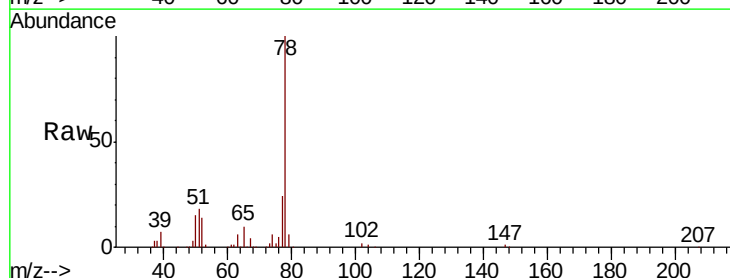
Manual Integrations
APPROVED

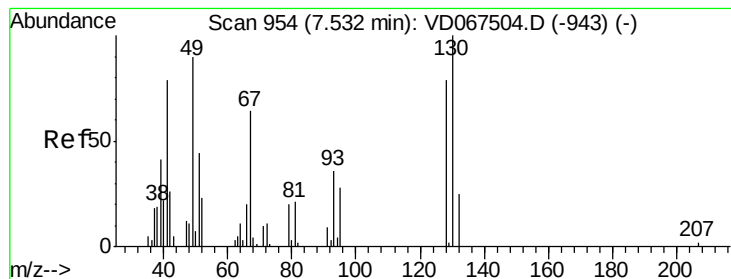
MMDadoda
11/23/2020 1:41:43 PM



#40
Benzene
Concen: 49.471 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	417447		
77	24.3		19.1	28.7





#41

Methacrylonitrile

Concen: 53.094 ug/l m

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 25667

Ion Ratio Lower Upper

41 100

39 78.4 51.3 76.9#

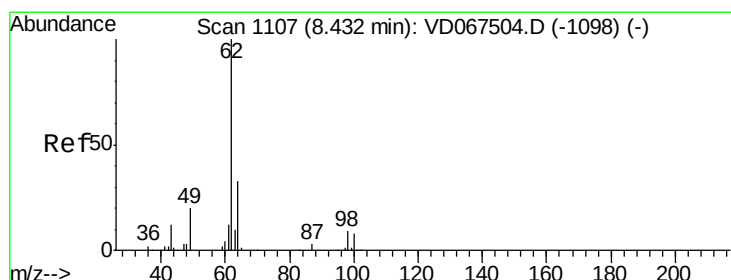
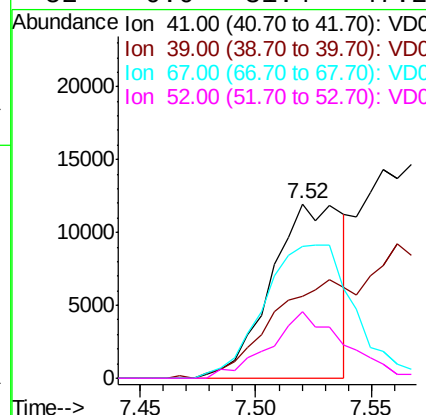
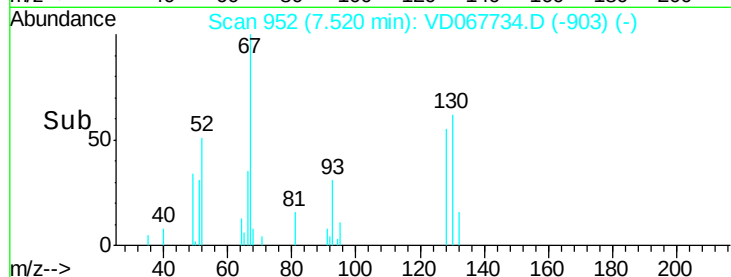
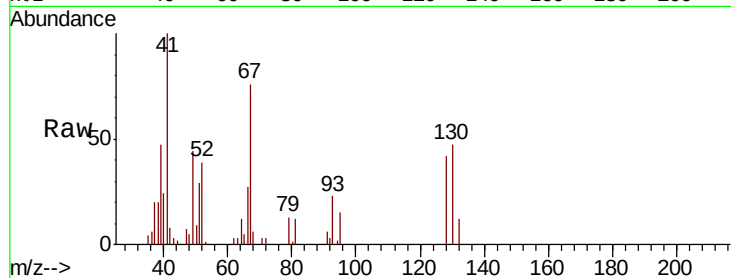
67 0.0 78.9 118.3#

52 0.0 31.4 47.2#

Manual Integrations
APPROVED

MMDadoda

11/23/2020 1:41:43 PM



#42

1,2-Dichloroethane

Concen: 55.812 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067734.D

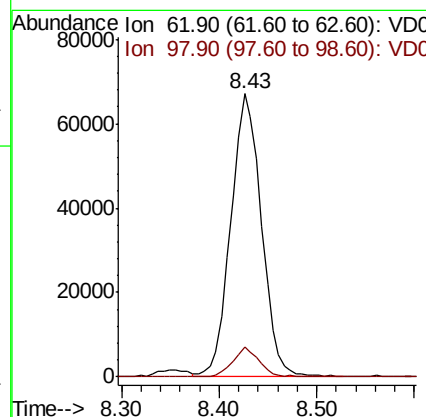
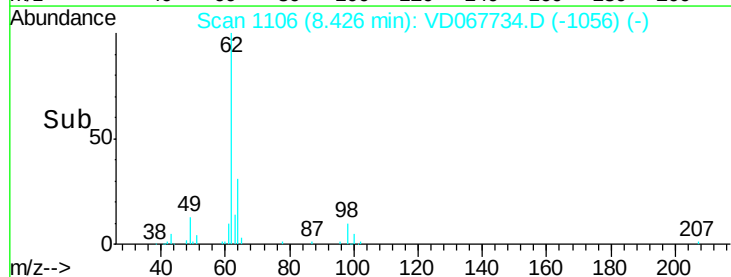
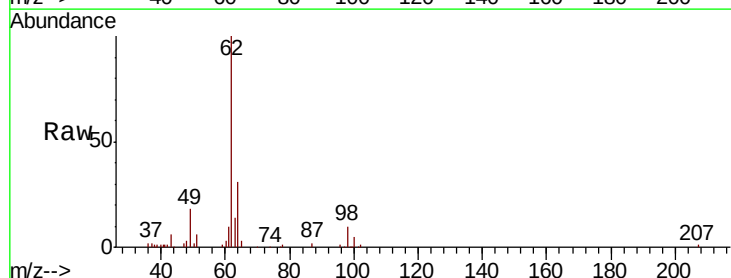
Acq: 20 Nov 2020 19:32

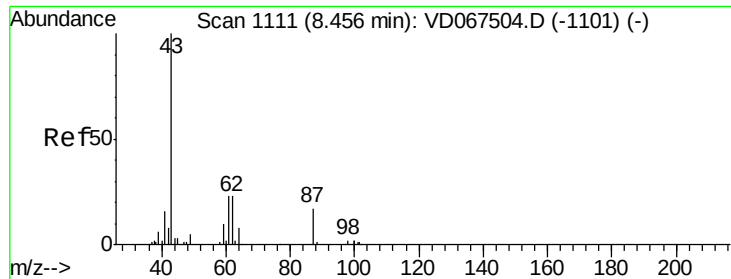
Tgt Ion: 62 Resp: 145508

Ion Ratio Lower Upper

62 100

98 9.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 53.472 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

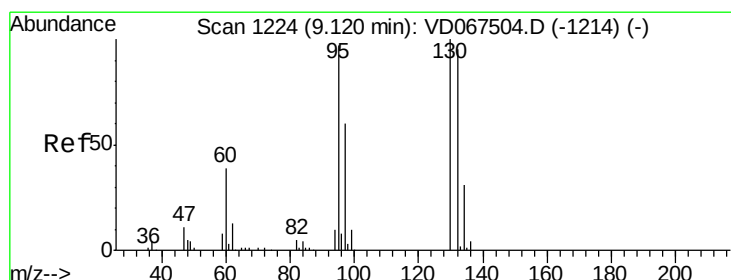
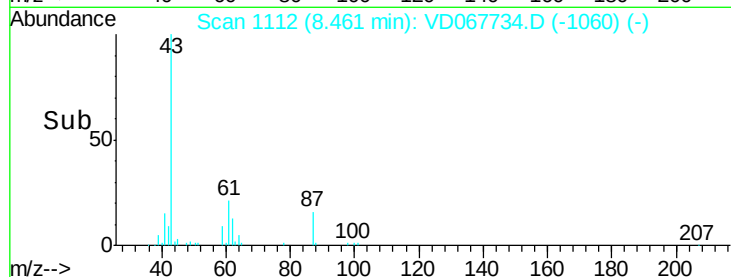
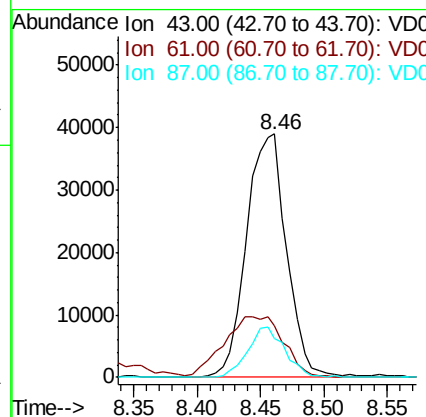
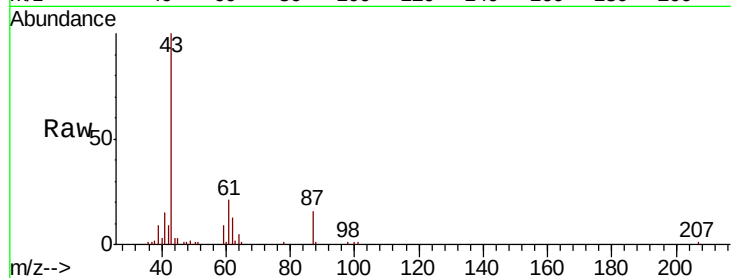
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	85525
Ion	Ratio	Lower	Upper
43	100		
61	37.1	30.5	45.7
87	19.2	14.7	22.1

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:41:43 PM



#44

Trichloroethene

Concen: 49.814 ug/l

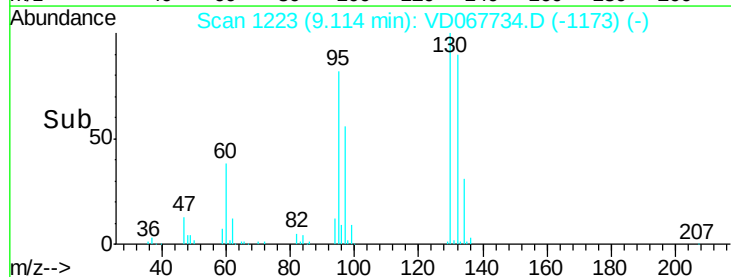
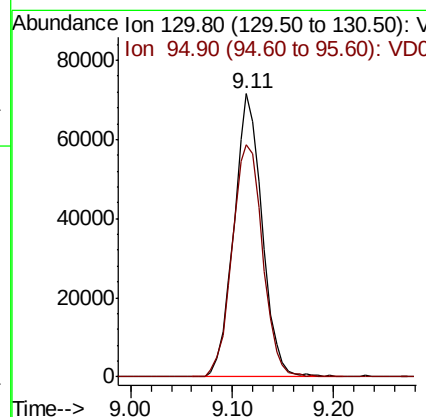
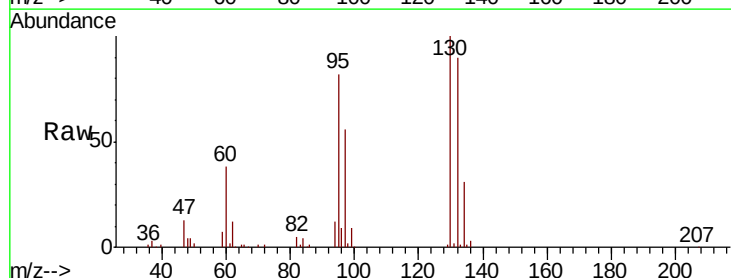
RT: 9.11 min Scan# 1223

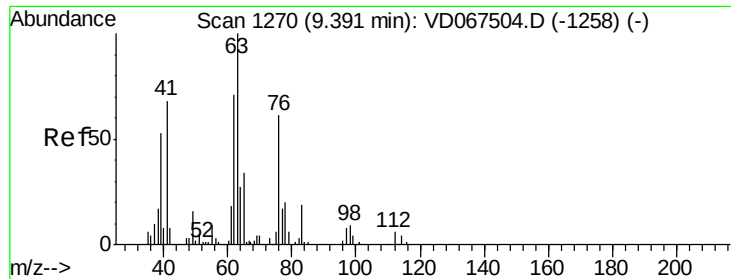
Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Tgt Ion:	130	Resp:	138211
Ion	Ratio	Lower	Upper
130	100		
95	82.1	0.0	194.4





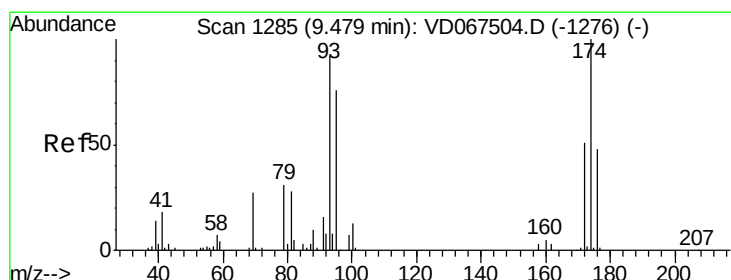
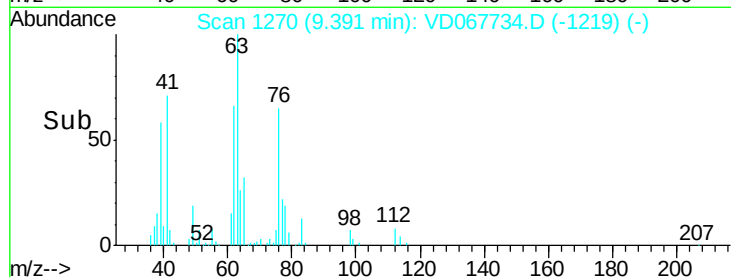
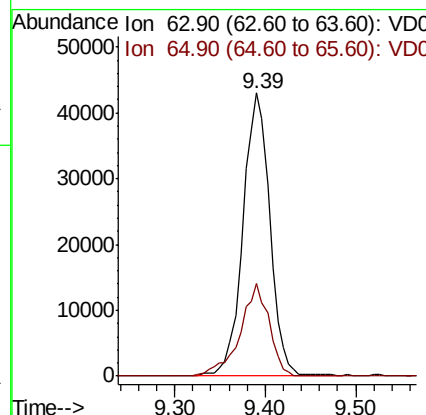
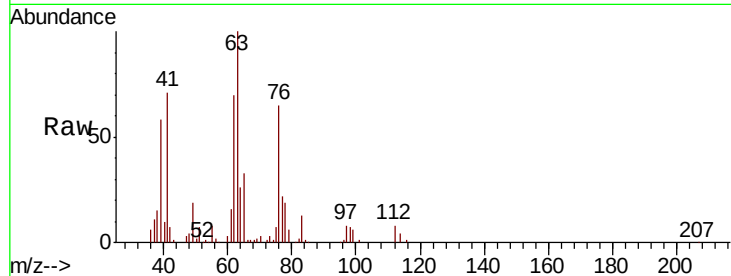
#45
 1,2-Dichloropropane
 Concen: 48.732 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 63 Resp: 88905
 Ion Ratio Lower Upper
 63 100
 65 32.9 26.9 40.3

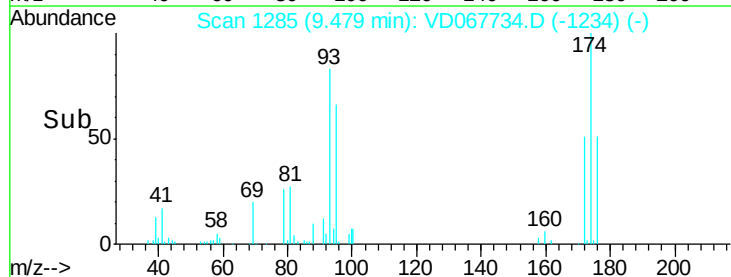
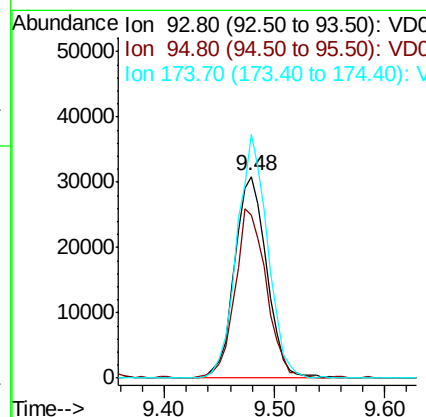
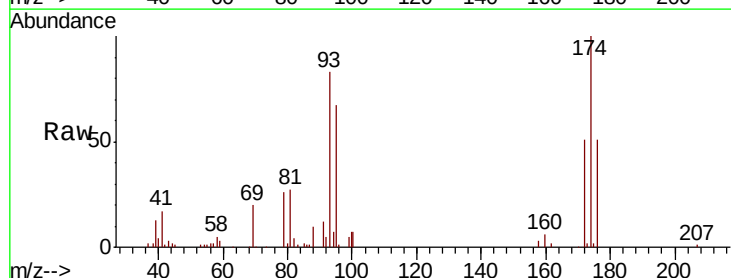
Manual Integrations
 APPROVED

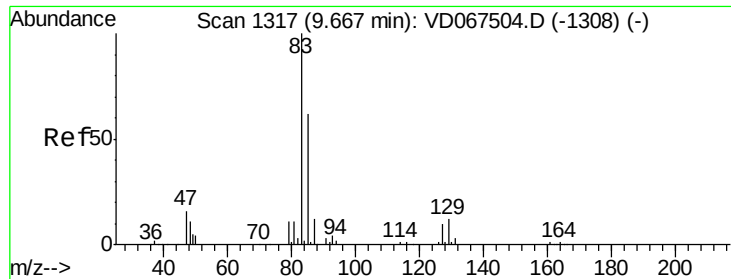
MMDadoda
 11/23/2020 1:41:43 PM



#46
 Dibromomethane
 Concen: 54.406 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Tgt Ion: 93 Resp: 63111
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.4 99.6
 174 115.3 88.2 132.4





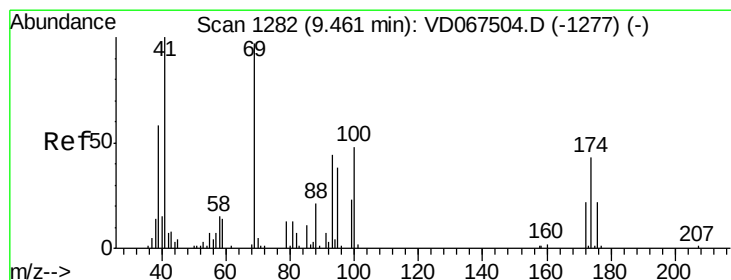
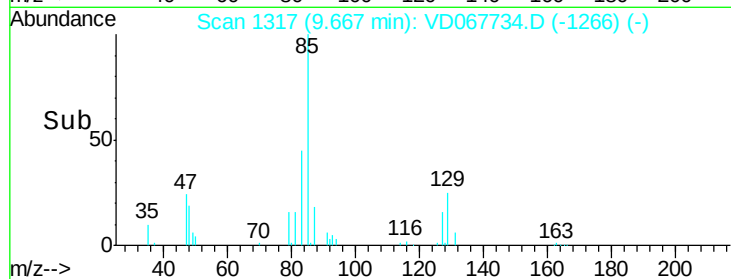
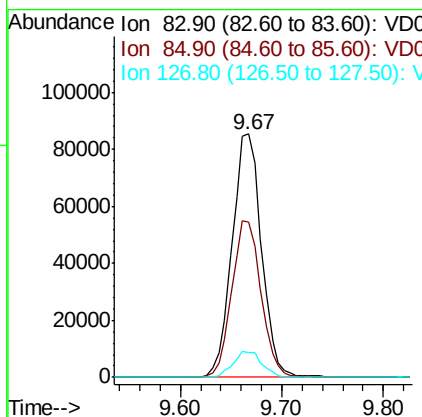
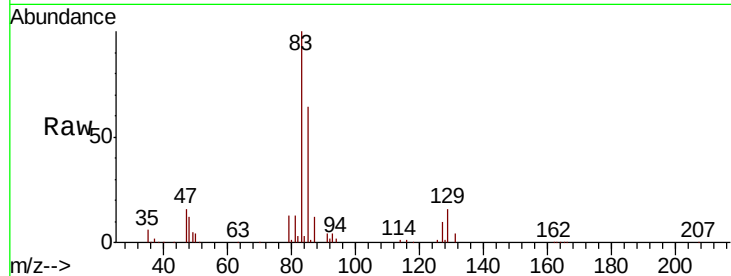
#47
Bromodichloromethane
Concen: 54.536 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	171945
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	49.4	74.2
127	10.0	7.7	11.5

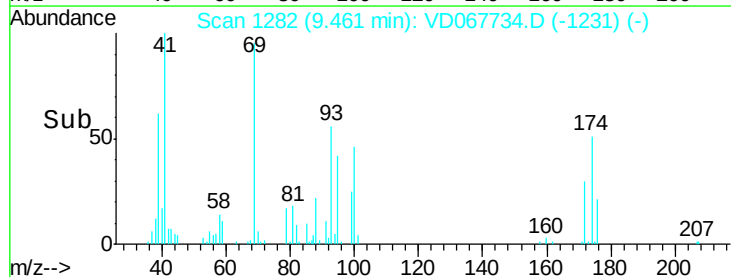
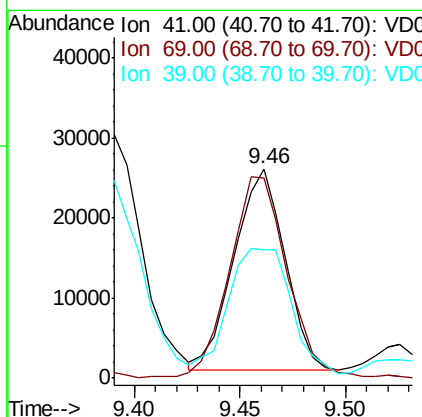
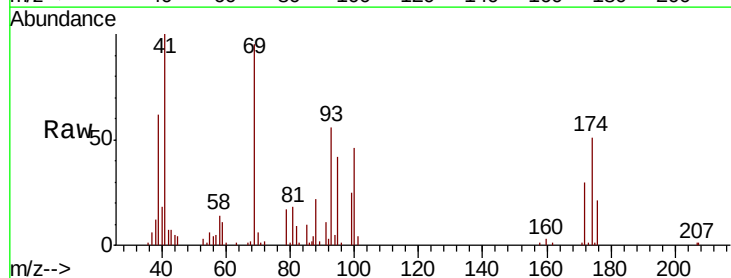
Manual Integrations
APPROVED

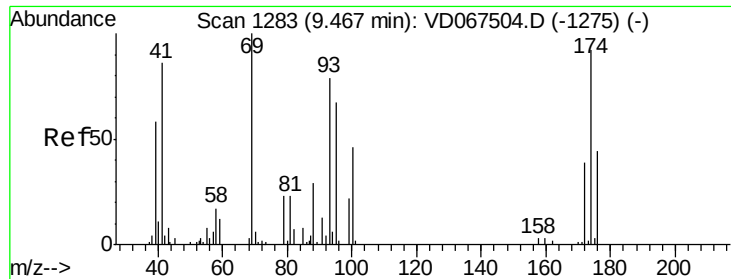
MMDadoda
11/23/2020 1:41:43 PM



#48
Methyl methacrylate
Concen: 50.767 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	41	Resp	41925
Ion Ratio	100	Lower	Upper
41	100		
69	113.7	80.6	121.0
39	82.2	50.2	75.4





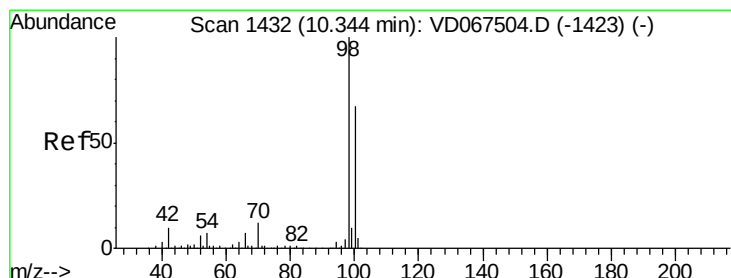
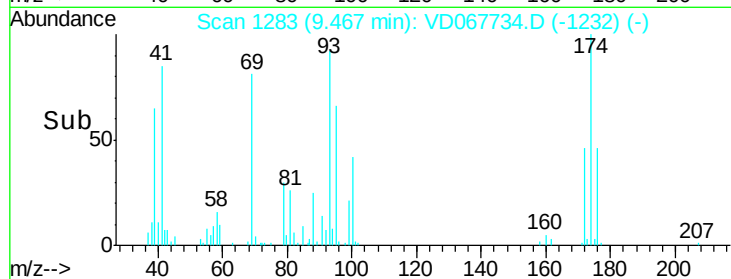
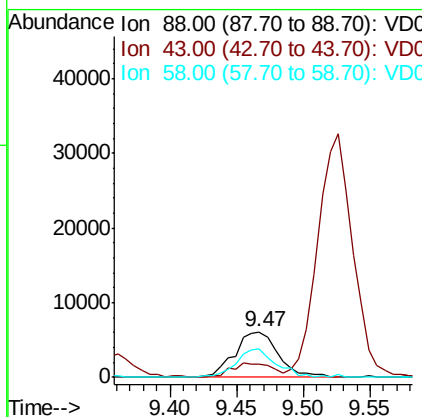
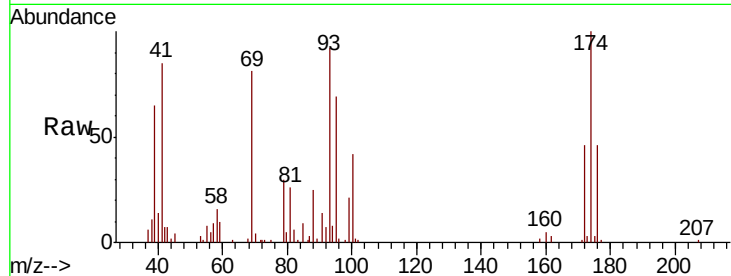
#49
1,4-Dioxane
Concen: 1178.169 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	13874
Ion	Ratio	Lower	Upper
88	100		
43	29.7	23.6	35.4
58	56.7	44.7	67.1

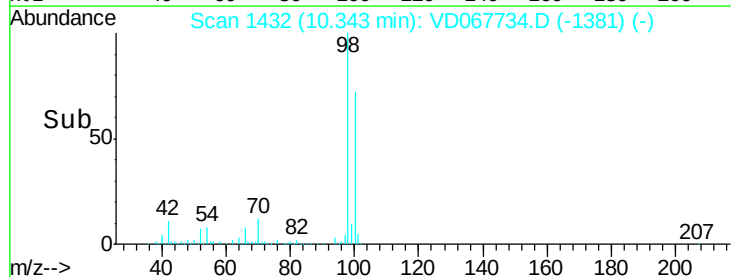
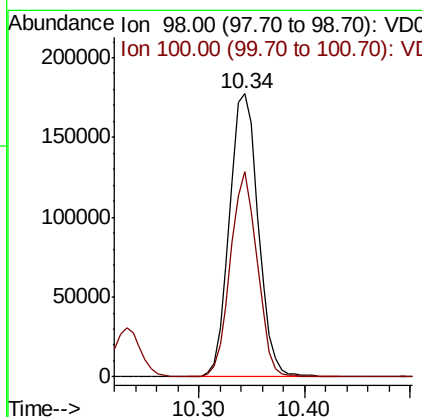
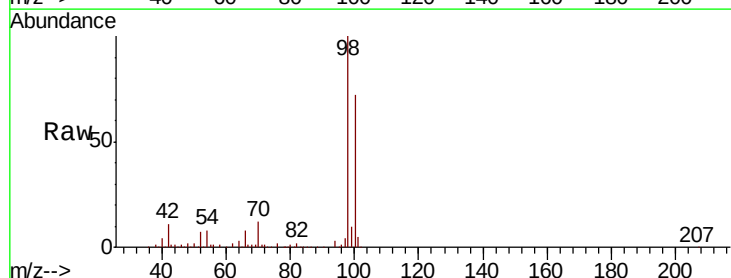
Manual Integrations
APPROVED

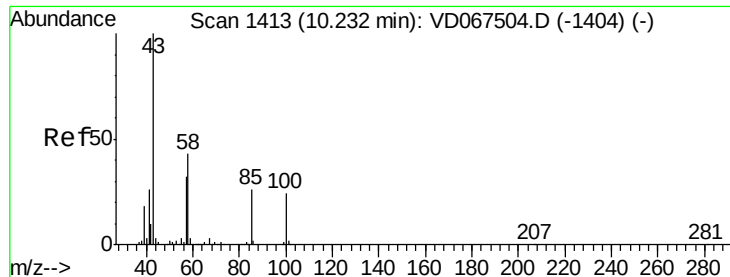
MMDadoda
11/23/2020 1:41:43 PM



#50
Toluene-d8
Concen: 43.353 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	98	Resp	334050
Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.6





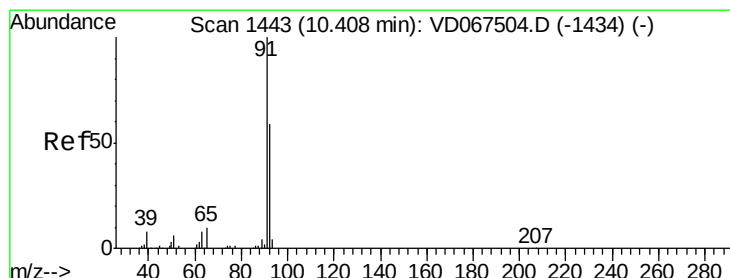
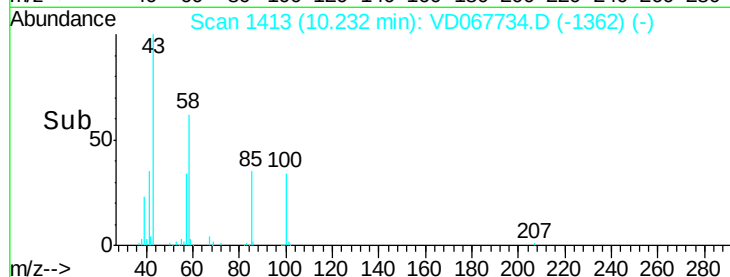
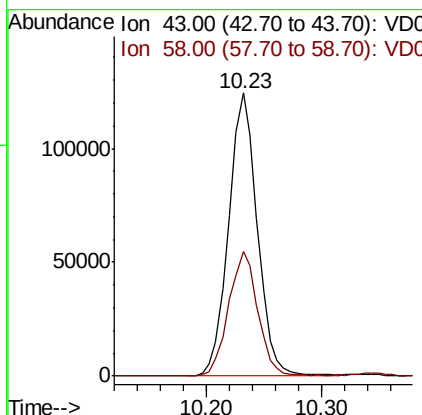
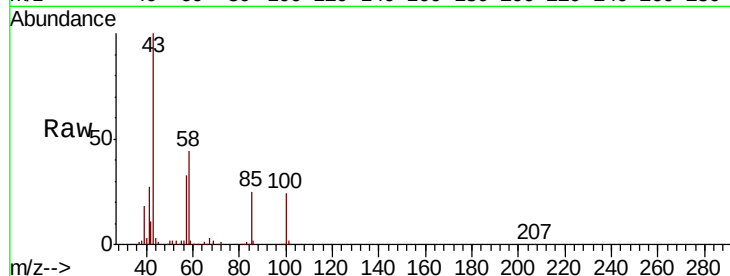
#51
4-Methyl-2-Pentanone
Concen: 279.825 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 214049
Ion Ratio Lower Upper
43 100
58 44.8 35.6 53.4

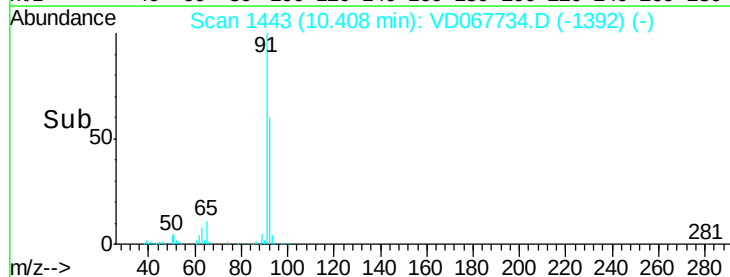
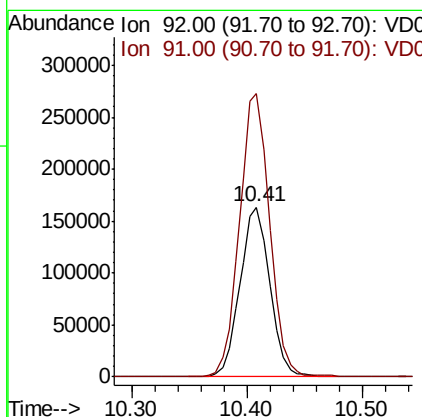
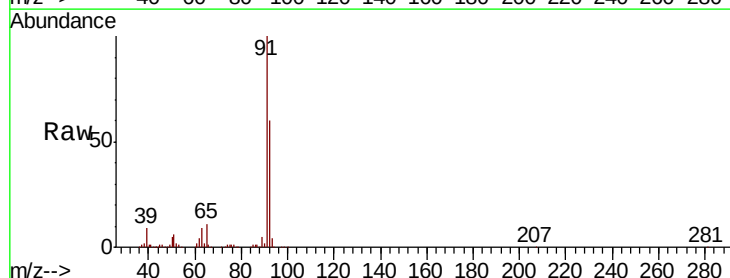
Manual Integrations
APPROVED

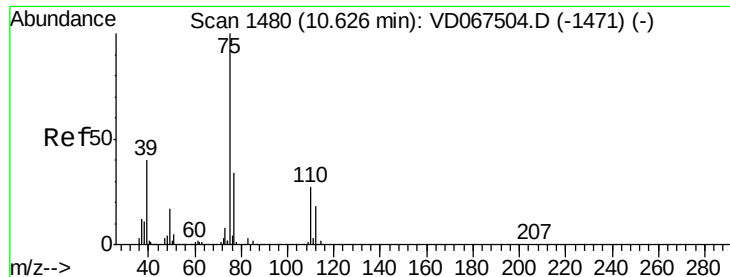
MMDadoda
11/23/2020 1:41:43 PM



#52
Toluene
Concen: 51.965 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion: 92 Resp: 293700
Ion Ratio Lower Upper
92 100
91 168.0 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 55.069 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 148702

Ion Ratio Lower Upper

75 100

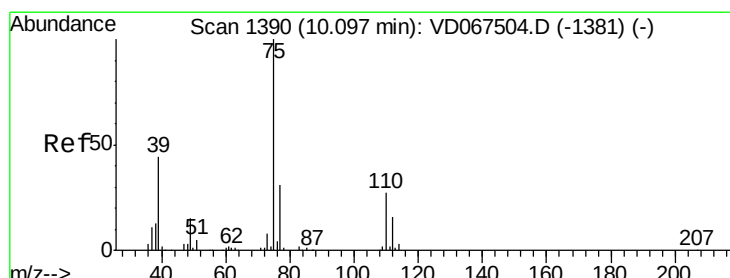
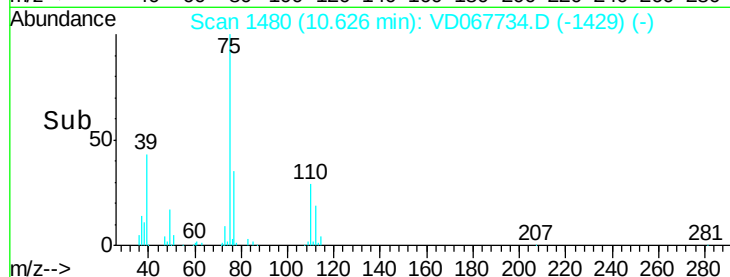
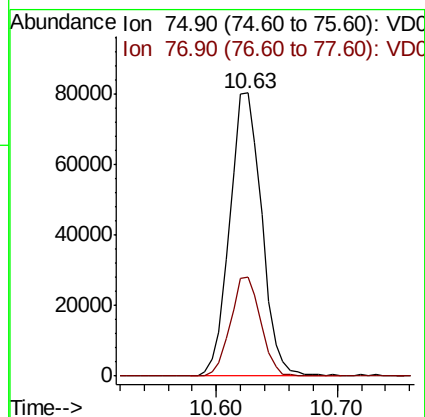
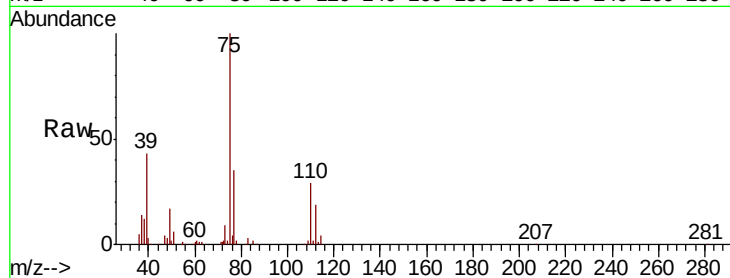
77 35.1 27.0 40.6

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:41:43 PM



#54

cis-1,3-Dichloropropene

Concen: 51.870 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

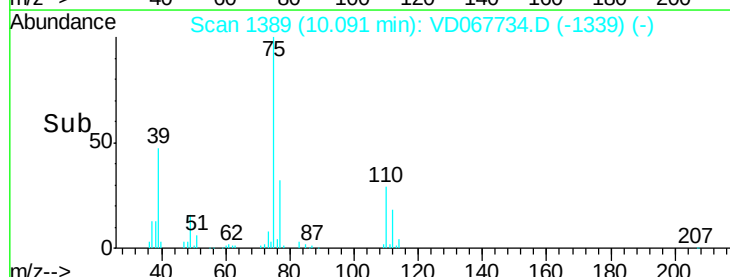
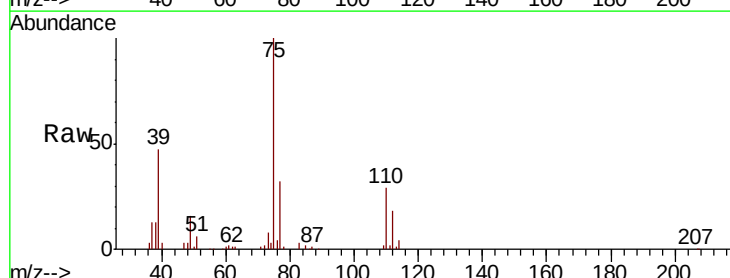
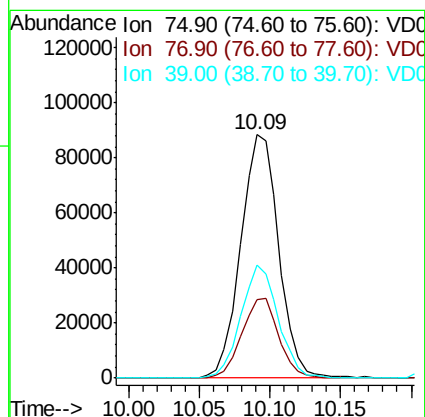
Tgt Ion: 75 Resp: 166412

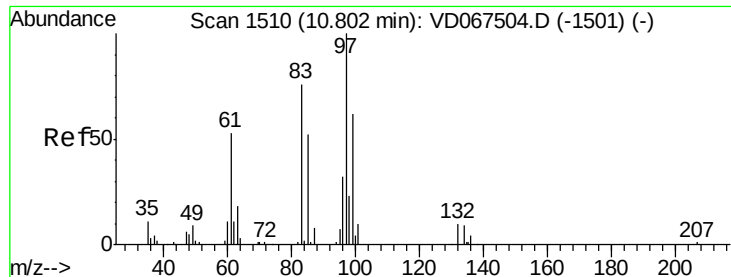
Ion Ratio Lower Upper

75 100

77 32.3 24.4 36.6

39 46.5 35.6 53.4





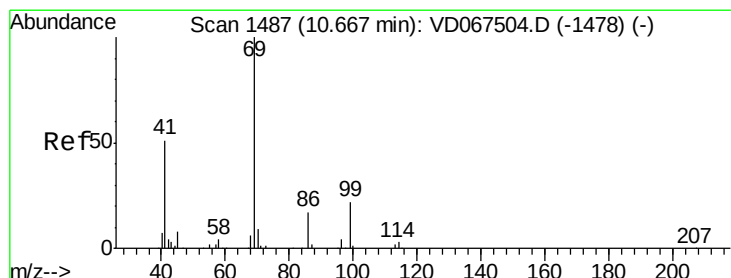
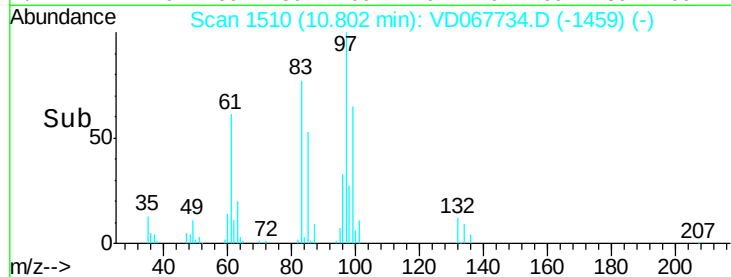
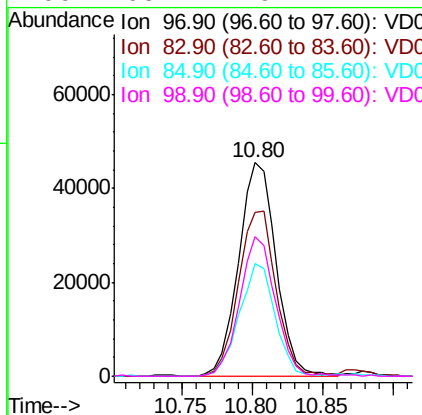
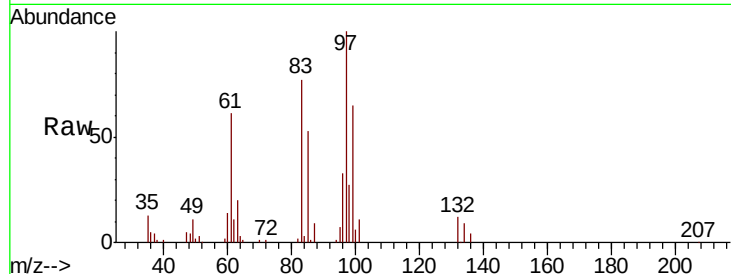
#55
 1,1,2-Trichloroethane
 Concen: 54.918 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		84288		
83	76.6	61.0	91.6		
85	52.7	41.5	62.3		
99	65.1	49.4	74.2		

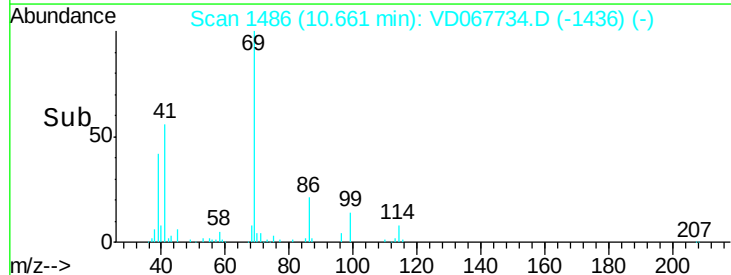
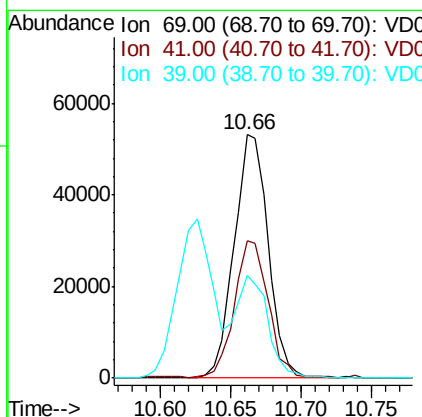
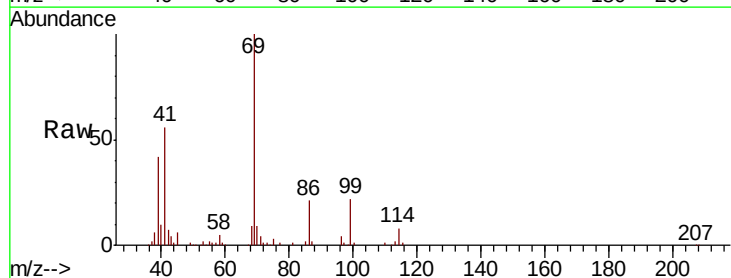
Manual Integrations
 APPROVED

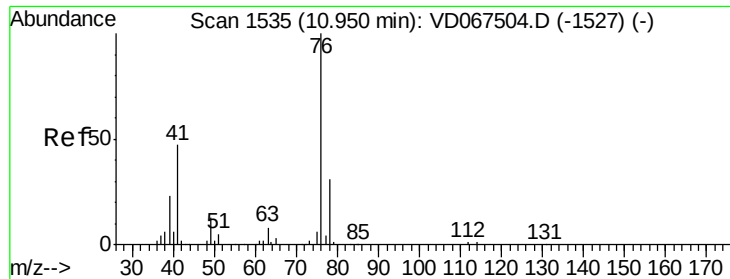
MMDadoda
 11/23/2020 1:41:43 PM



#56
 Ethyl methacrylate
 Concen: 56.522 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		89584		
41	56.3	45.4	68.0		
39	41.6	27.4	41.0#		





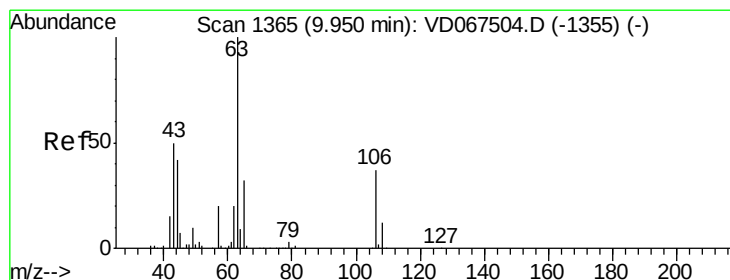
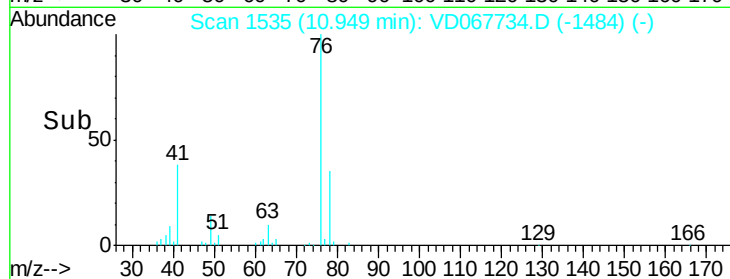
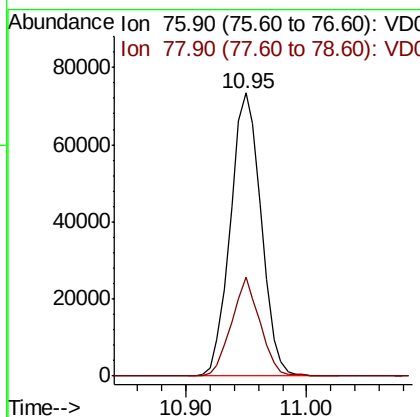
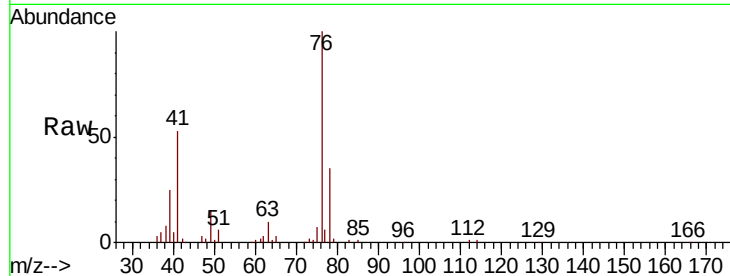
#57
 1,3-Dichloropropane
 Concen: 52.777 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 130347
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1

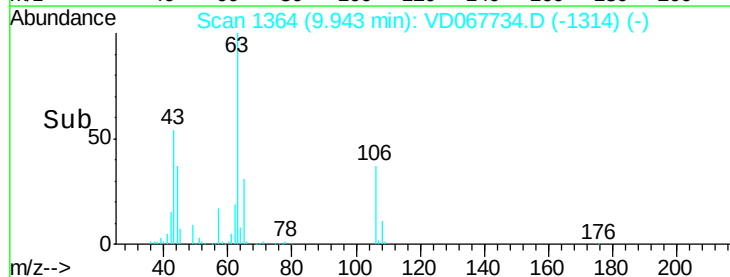
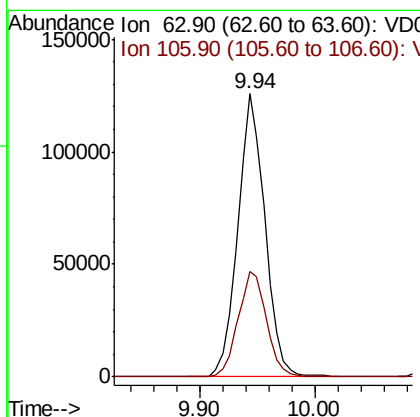
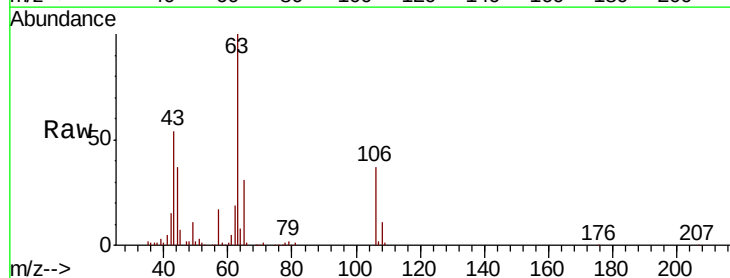
Manual Integrations
 APPROVED

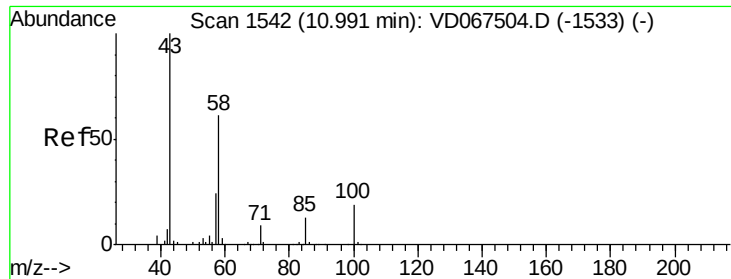
MMDadoda
 11/23/2020 1:41:43 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.116 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Tgt Ion: 63 Resp: 204819
 Ion Ratio Lower Upper
 63 100
 106 38.9 29.2 43.8





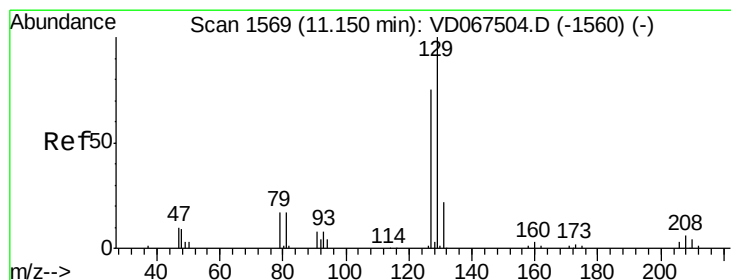
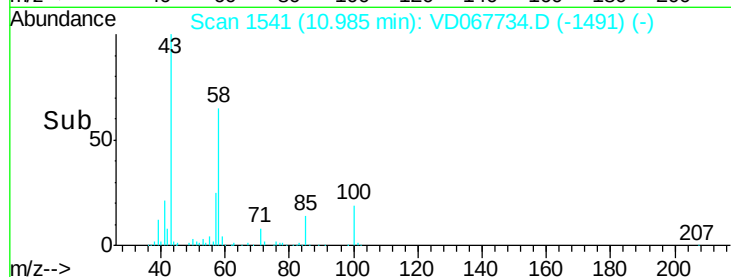
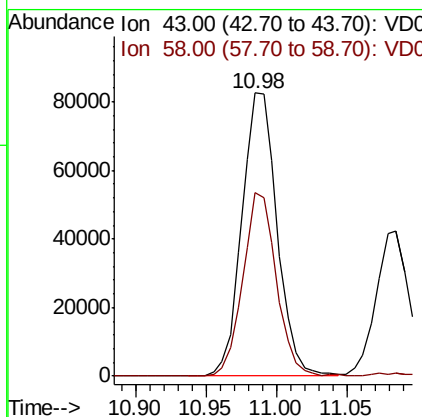
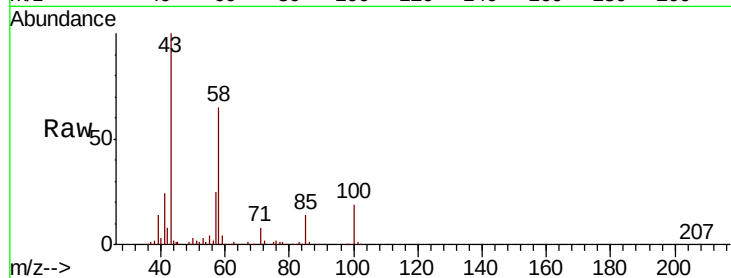
#59
2-Hexanone
Concen: 270.467 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 144658
Ion Ratio Lower Upper
43 100
58 61.8 30.3 90.9

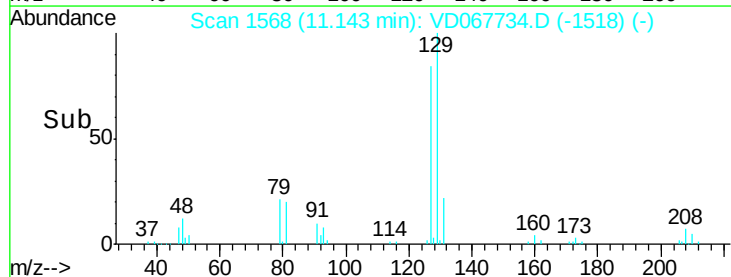
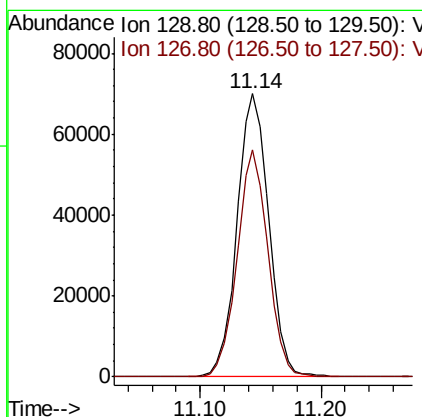
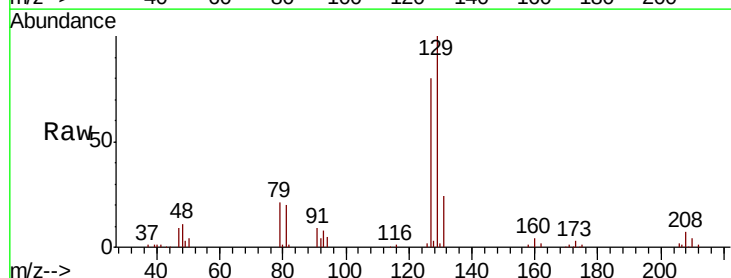
Manual Integrations
APPROVED

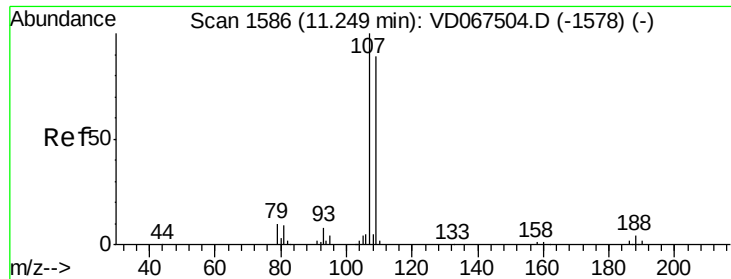
MMDadoda
11/23/2020 1:41:43 PM



#60
Dibromochloromethane
Concen: 56.514 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion: 129 Resp: 128310
Ion Ratio Lower Upper
129 100
127 77.6 38.0 114.1





#61

1,2-Dibromoethane

Concen: 52.635 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 81079

Ion Ratio Lower Upper

107 100

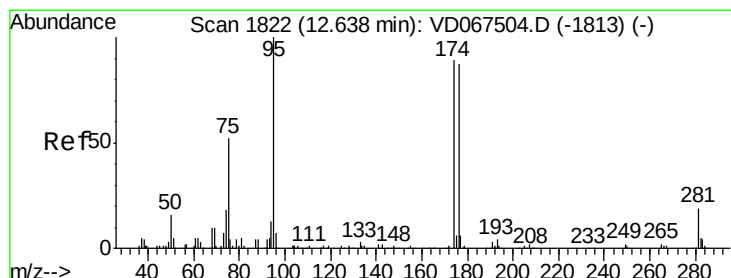
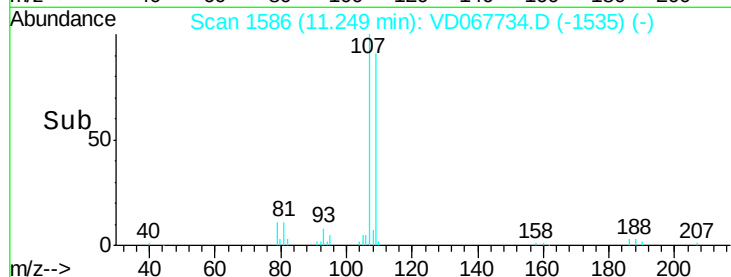
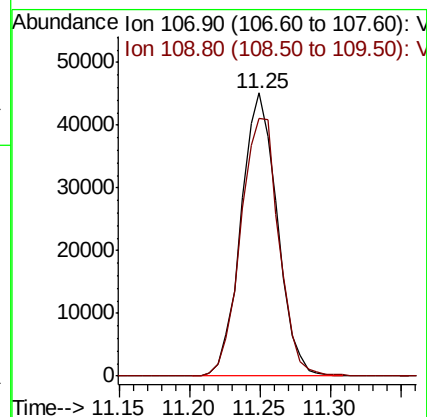
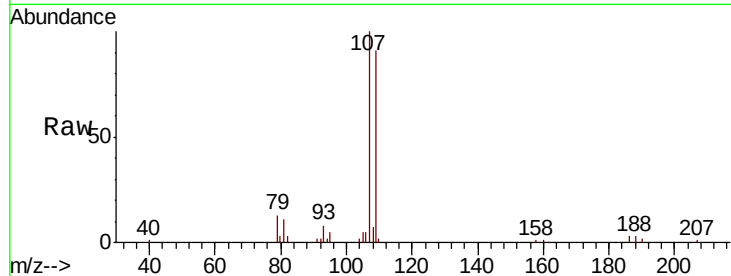
109 96.1 74.6 111.8

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:41:43 PM



#62

4-Bromofluorobenzene

Concen: 48.051 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

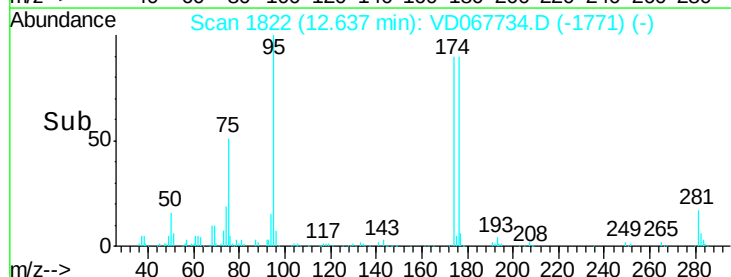
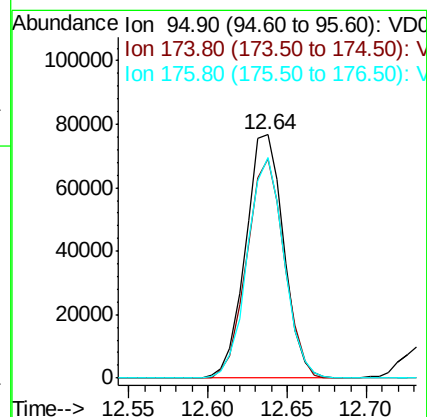
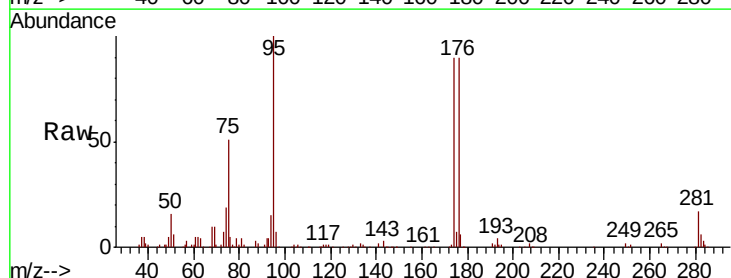
Tgt Ion: 95 Resp: 127829

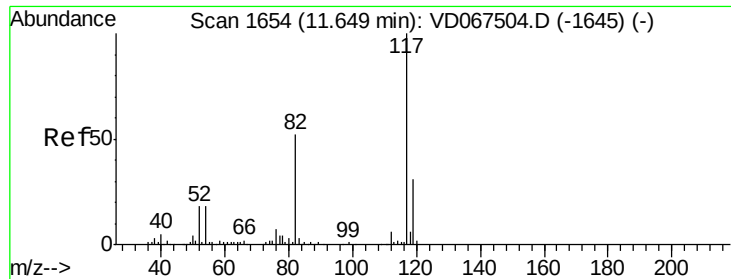
Ion Ratio Lower Upper

95 100

174 88.5 0.0 177.8

176 87.3 0.0 172.0





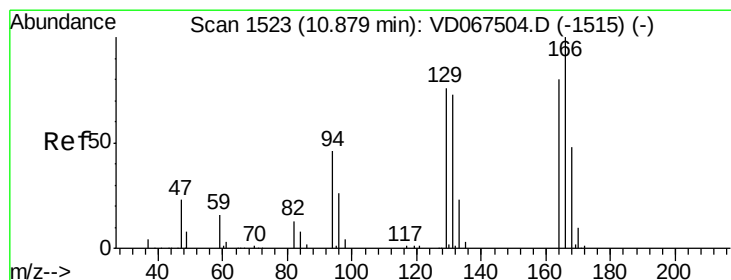
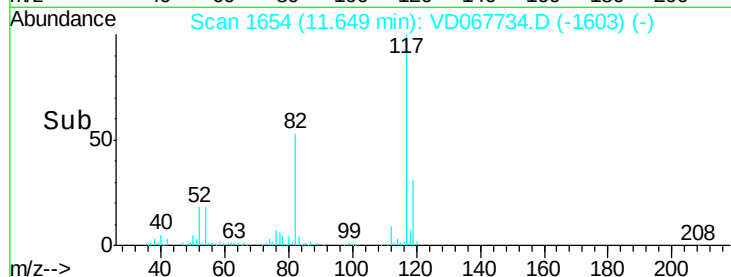
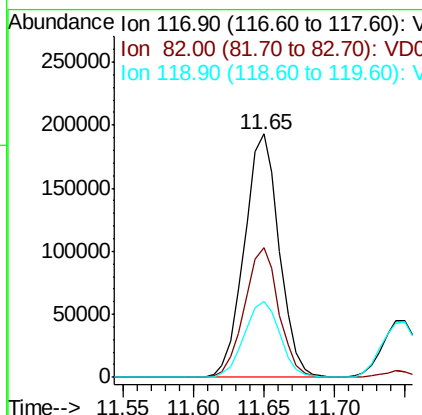
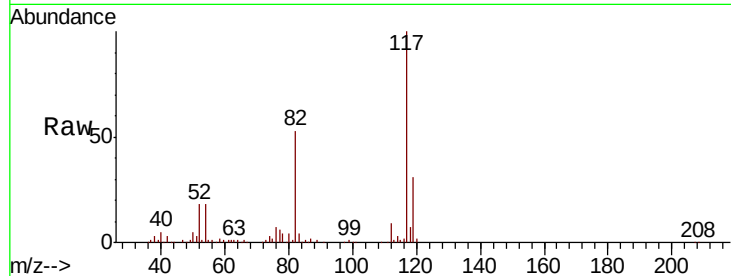
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.6	62.4
119	31.0	25.1	37.7

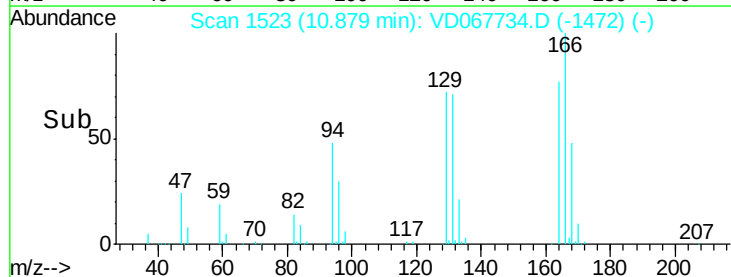
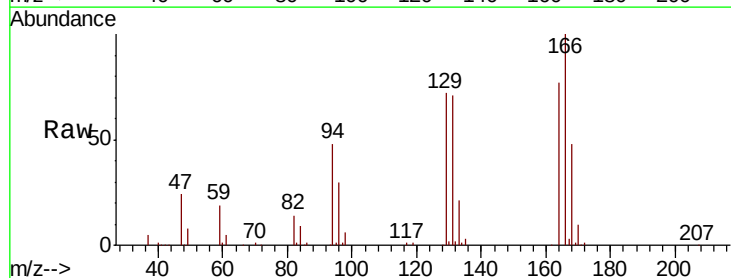
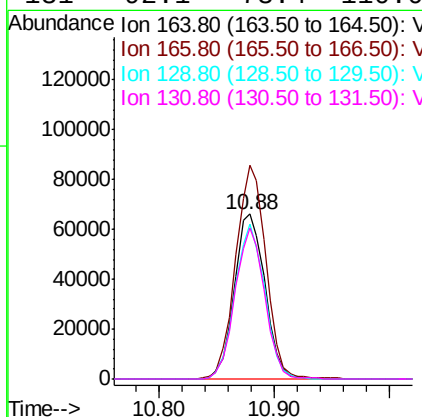
Manual Integrations
APPROVED

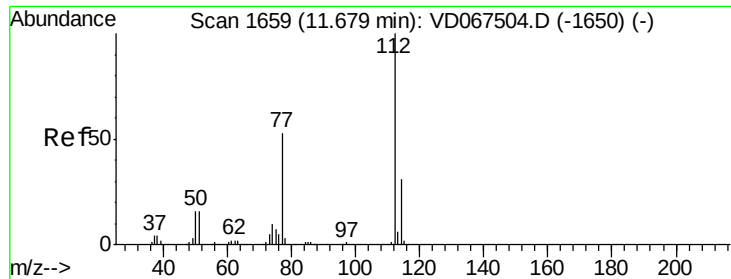
MMDadoda
11/23/2020 1:41:43 PM



#64
Tetrachloroethene
Concen: 48.956 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	99.9	149.9
129	94.0	75.5	113.3
131	92.1	73.4	110.0





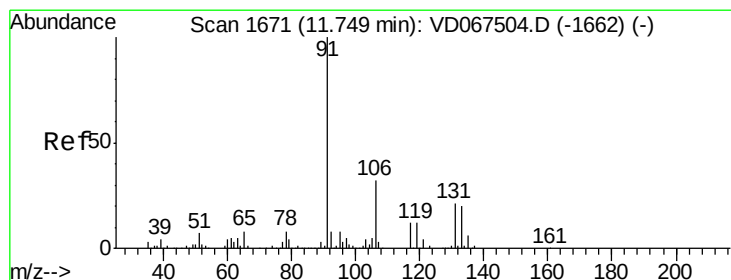
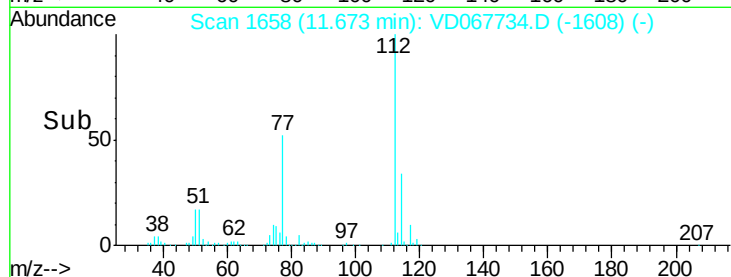
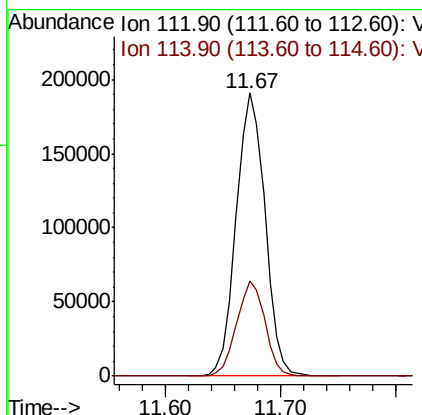
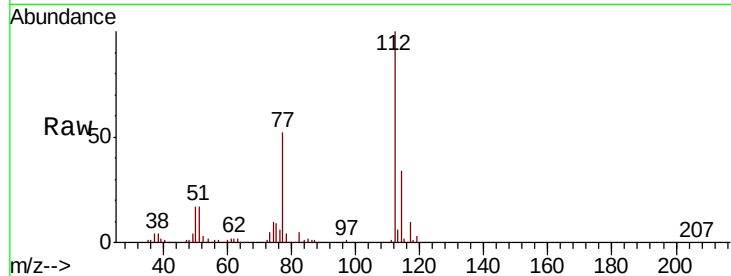
#65
Chlorobenzene
Concen: 51.278 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.6	24.9	37.3

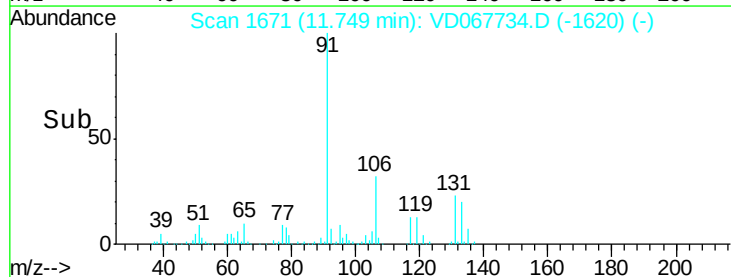
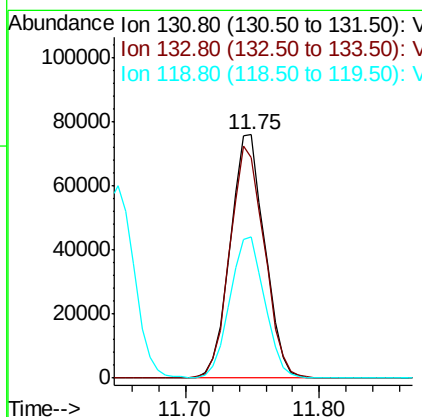
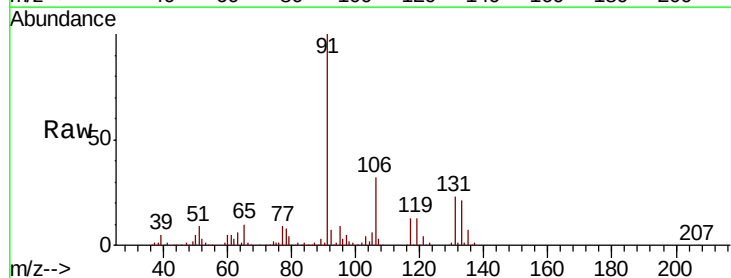
Manual Integrations
APPROVED

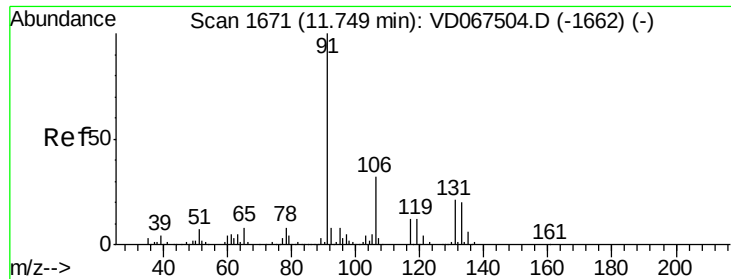
MMDadoda
11/23/2020 1:41:43 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.825 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.0	144.0
119	58.5	30.1	90.5





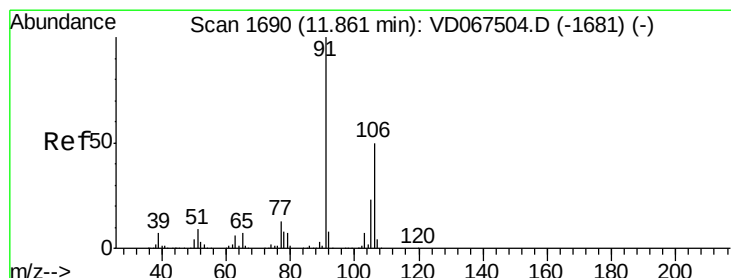
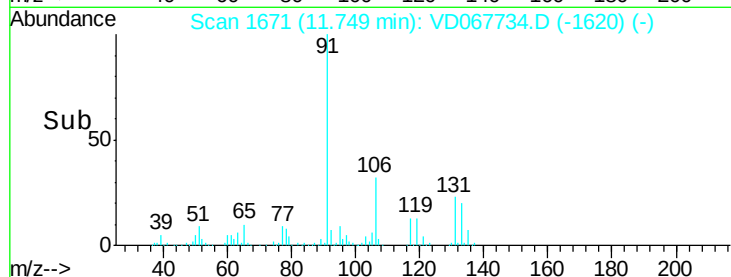
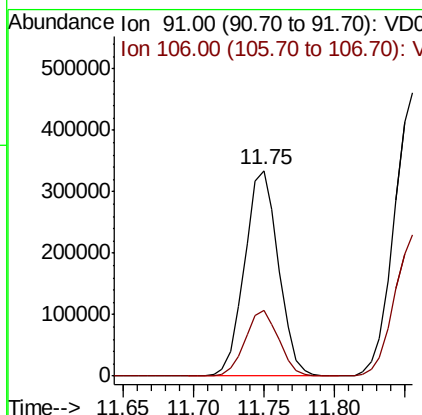
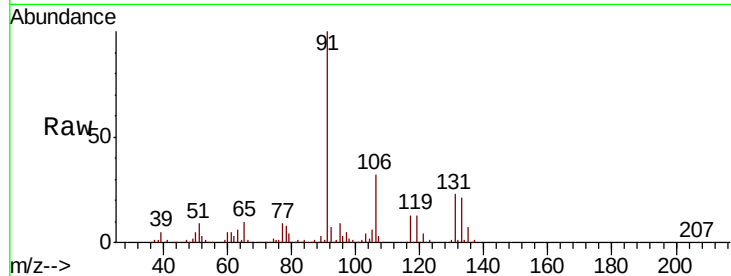
#67
Ethyl Benzene
Concen: 51.160 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 564117
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5

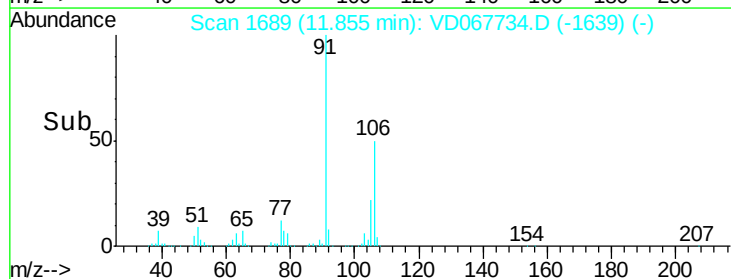
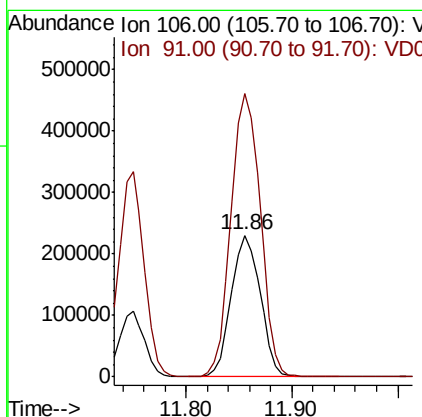
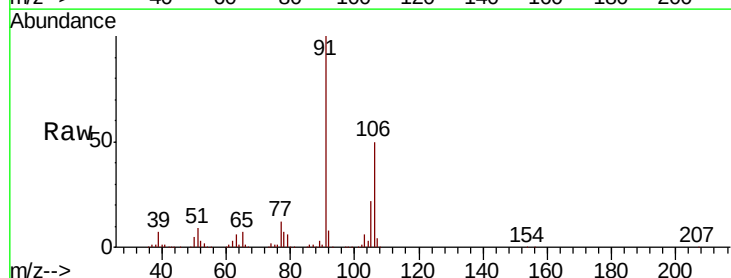
Manual Integrations
APPROVED

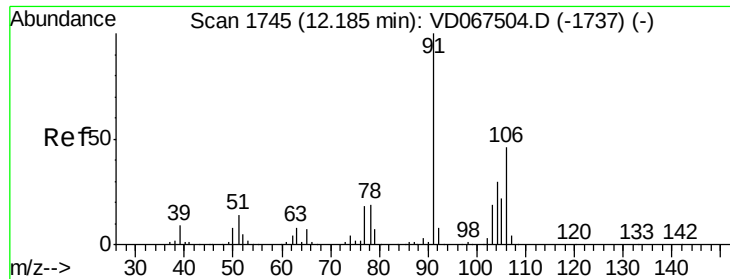
MMDadoda
11/23/2020 1:41:43 PM



#68
m/p-Xylenes
Concen: 102.350 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion: 106 Resp: 439063
Ion Ratio Lower Upper
106 100
91 202.2 162.6 244.0





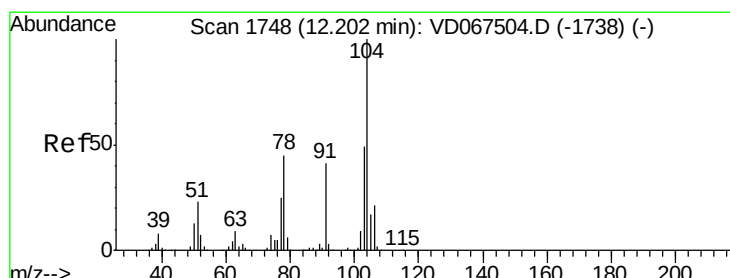
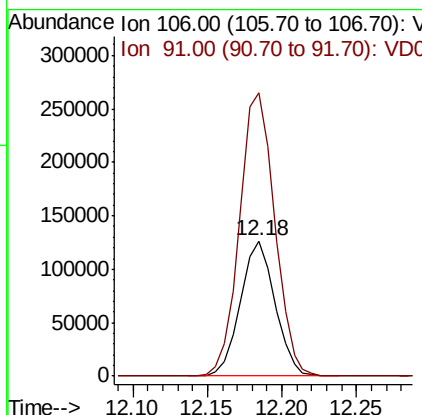
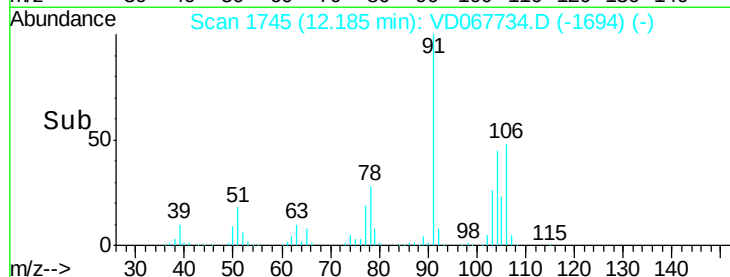
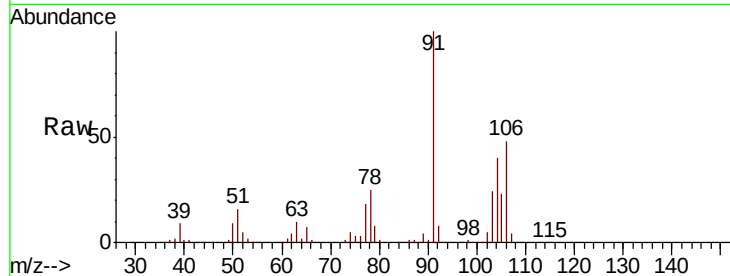
#69
o-Xylene
Concen: 53.255 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.7	107.1	321.1

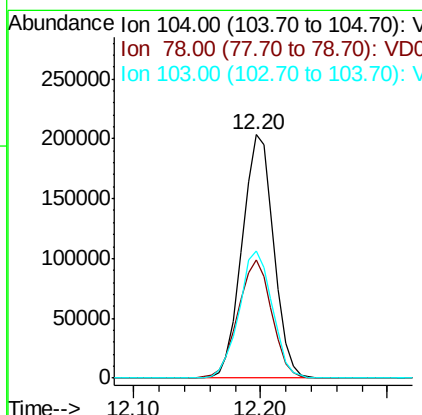
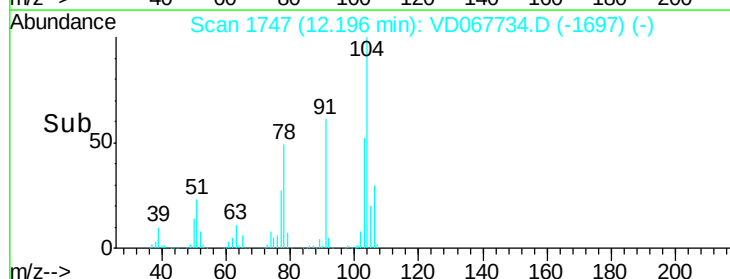
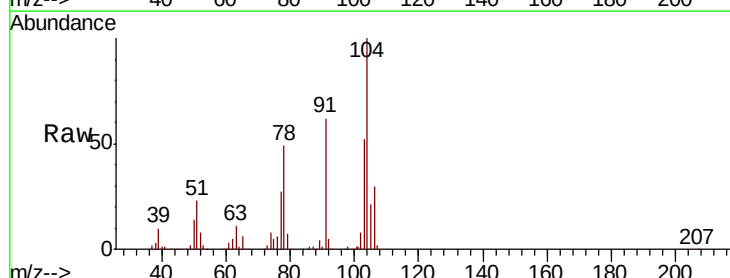
Manual Integrations
APPROVED

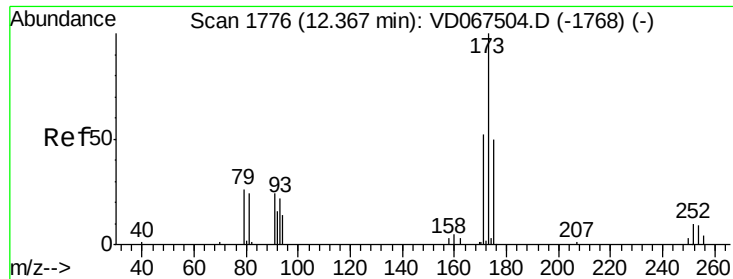
MMDadoda
11/23/2020 1:41:43 PM



#70
Styrene
Concen: 52.747 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.6	39.8	59.8
103	55.0	43.9	65.9





#71

Bromoform

Concen: 57.652 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 74675

Ion Ratio Lower Upper

173 100

175 49.6 24.1 72.2

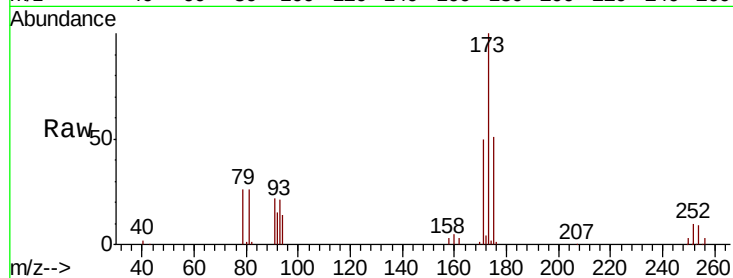
254 0.1 0.0 0.0#

Manual Integrations

APPROVED

MMDadoda

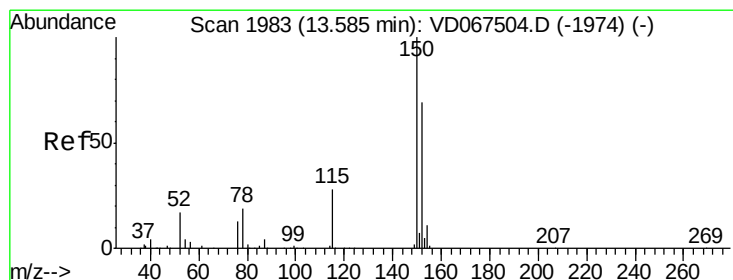
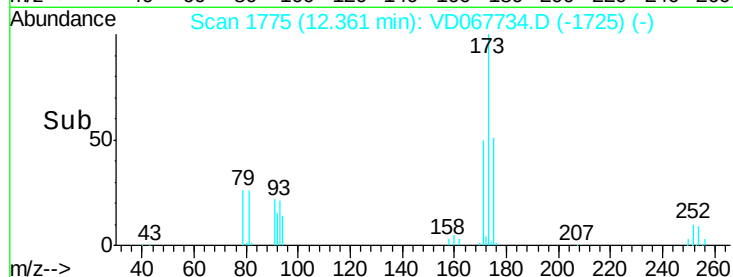
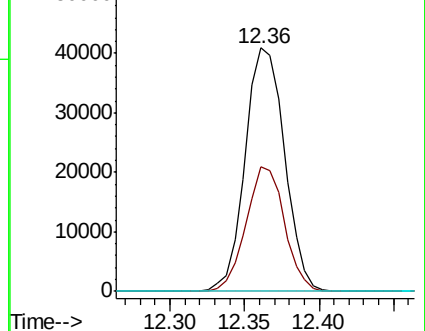
11/23/2020 1:41:43 PM



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. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

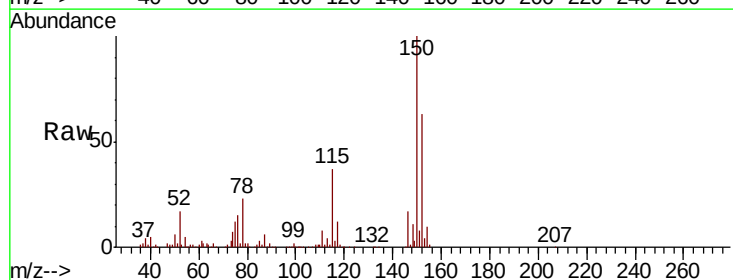
Tgt Ion:152 Resp: 173416

Ion Ratio Lower Upper

152 100

115 57.1 29.3 88.0

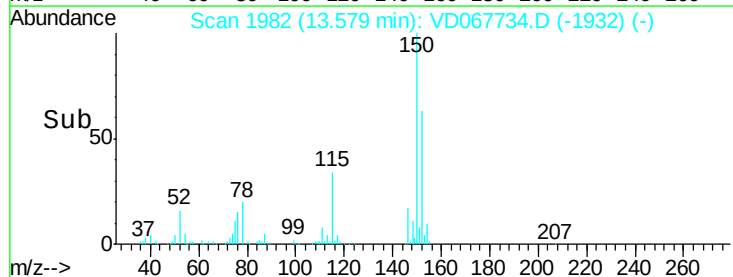
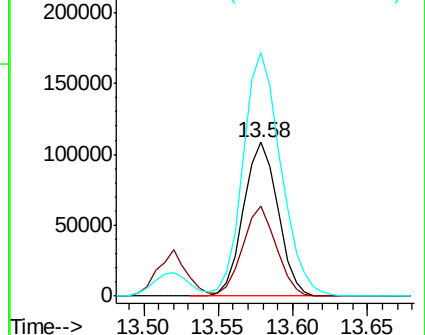
150 173.9 0.0 338.2

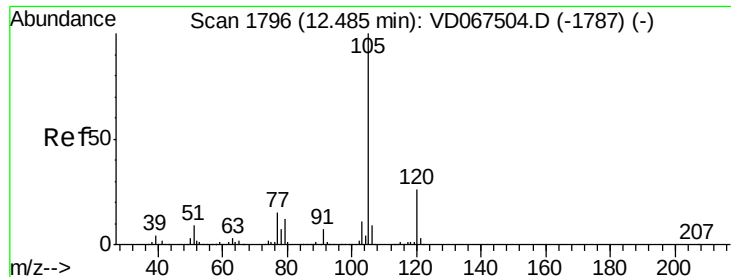


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.285 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 563578

Ion Ratio Lower Upper

105 100

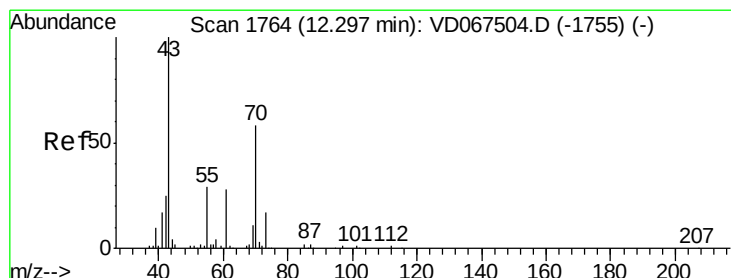
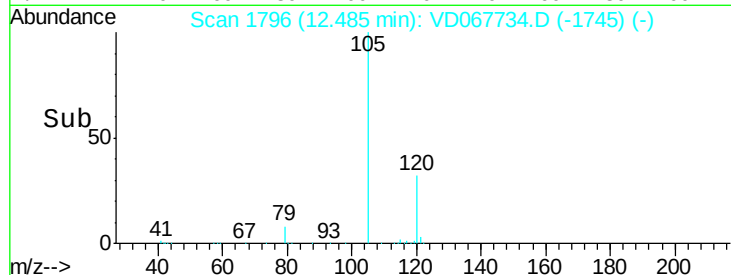
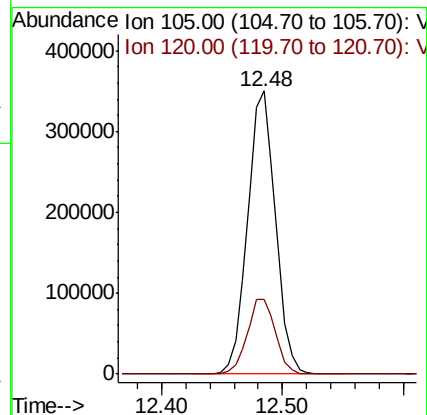
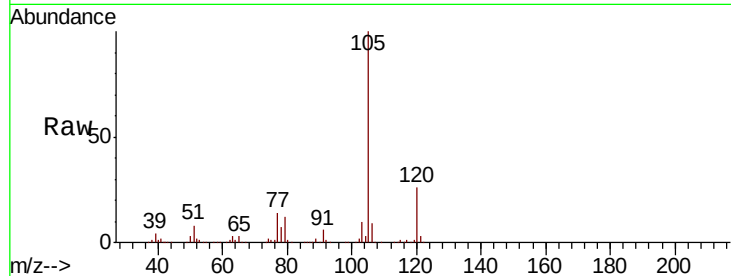
120 26.7 13.2 39.6

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:41:43 PM



#74

N-ethyl acetate

Concen: 50.296 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Tgt Ion: 43 Resp: 74174

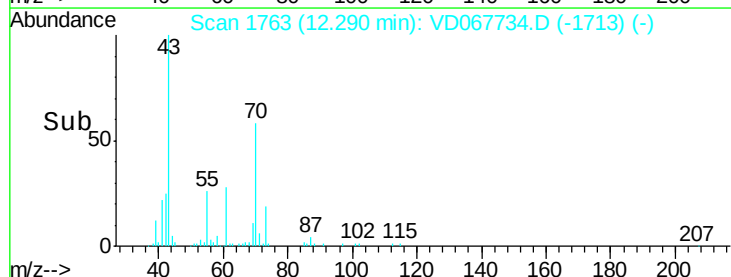
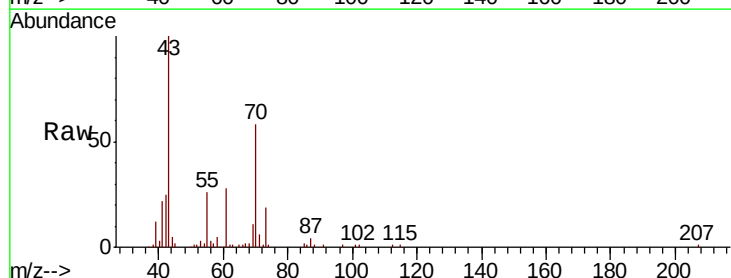
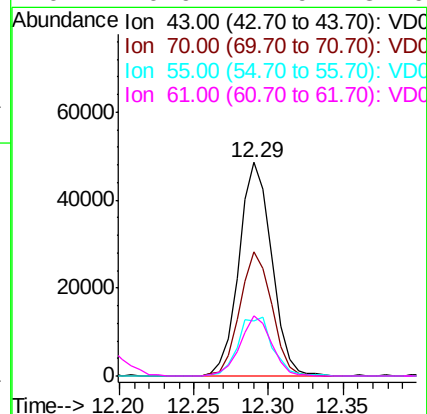
Ion Ratio Lower Upper

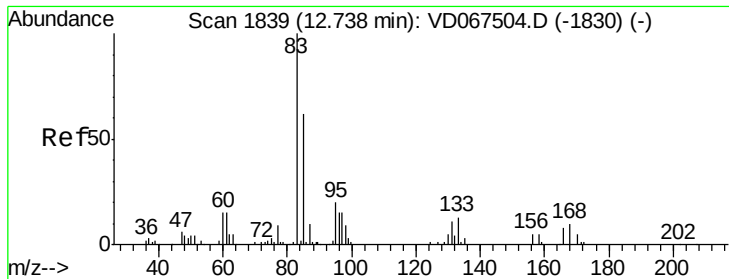
43 100

70 56.9 42.6 64.0

55 29.0 23.7 35.5

61 26.9 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.908 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

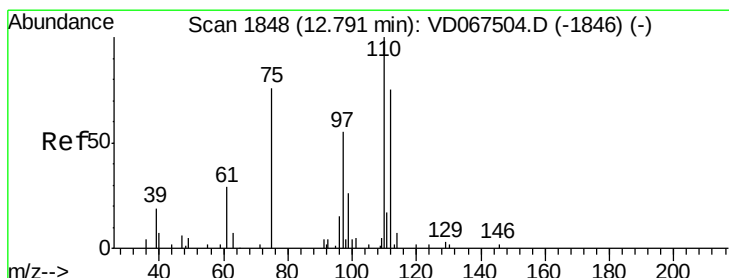
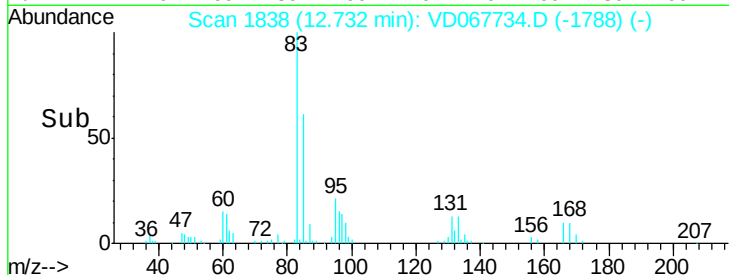
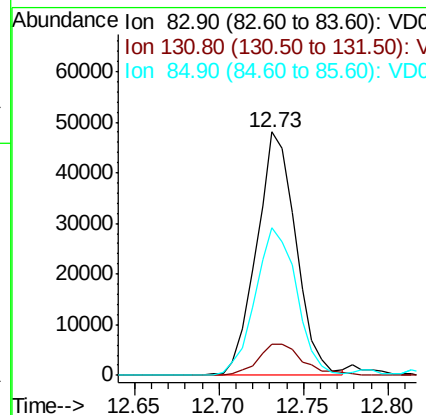
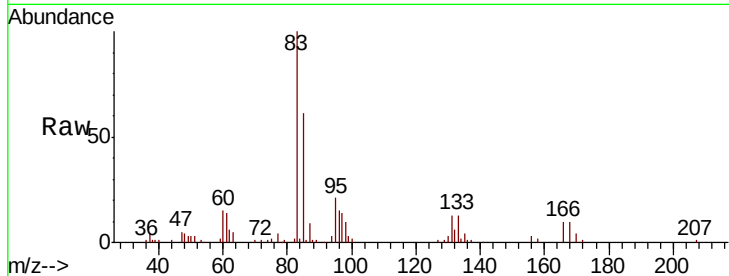
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	77802
Ion Ratio	Lower	Upper	
83	100		
131	14.5	7.1	21.3
85	63.9	32.9	98.7

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:41:43 PM



#76

1,2,3-Trichloropropane

Concen: 45.447 ug/l m

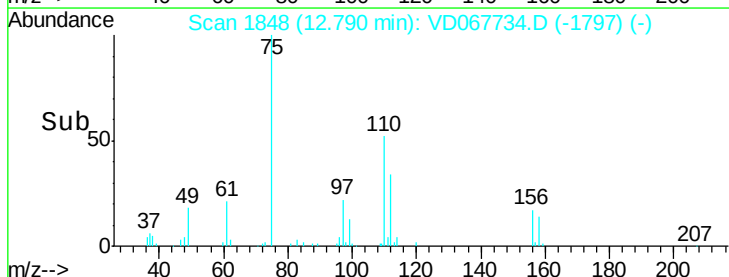
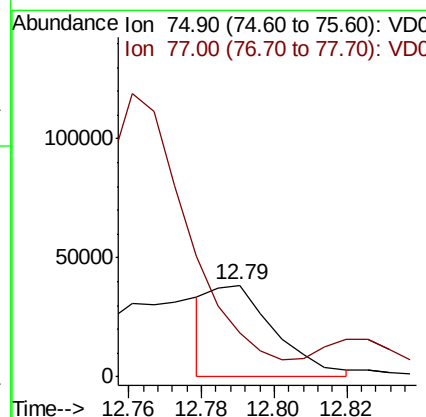
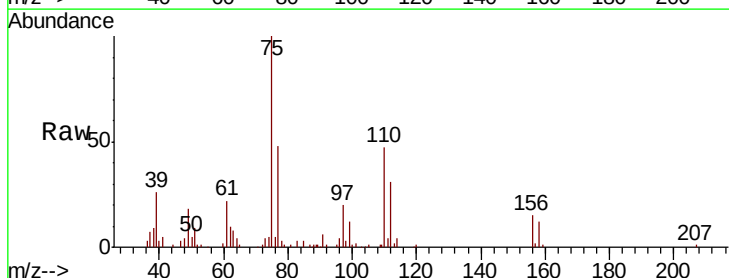
RT: 12.79 min Scan# 1848

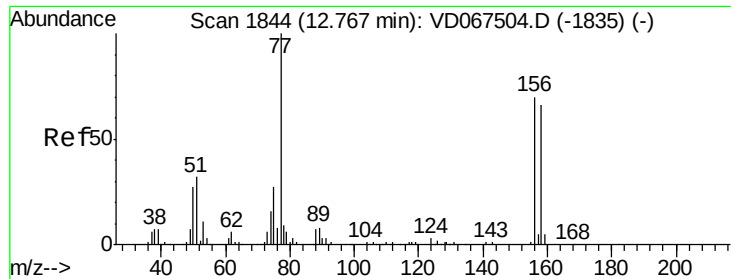
Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Tgt Ion:	75	Resp:	47544
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.039 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

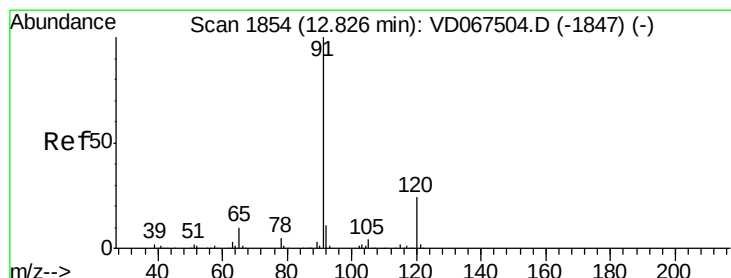
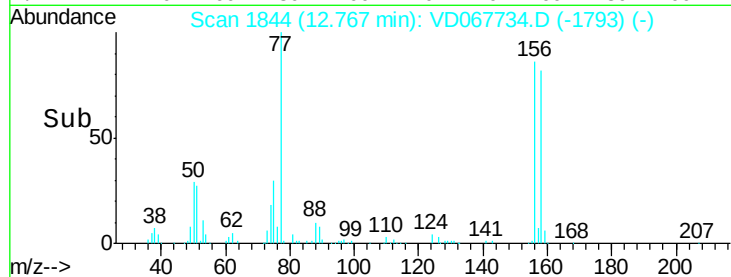
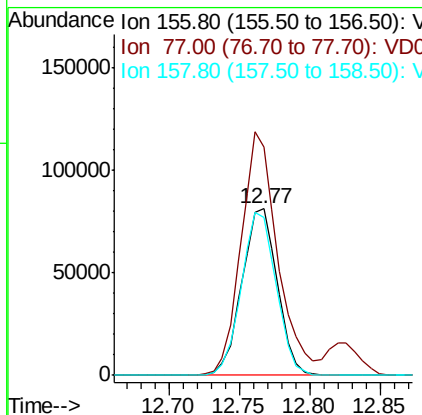
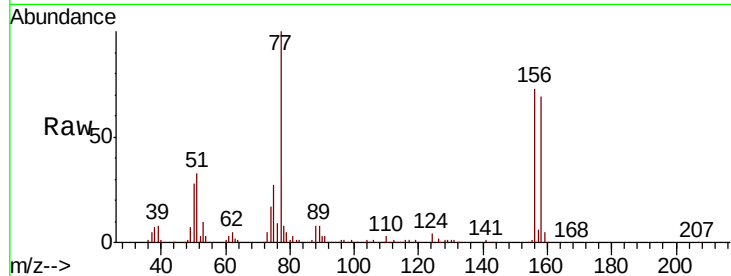
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	143235
Ion Ratio	Lower	Upper	
156	100		
77	150.2	77.8	233.5
158	96.0	47.9	143.7

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:41:43 PM



#78

n-propylbenzene

Concen: 48.739 ug/l

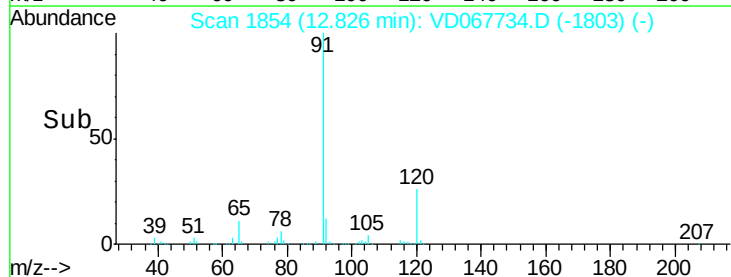
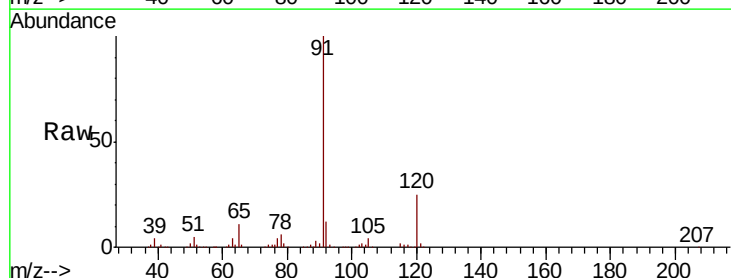
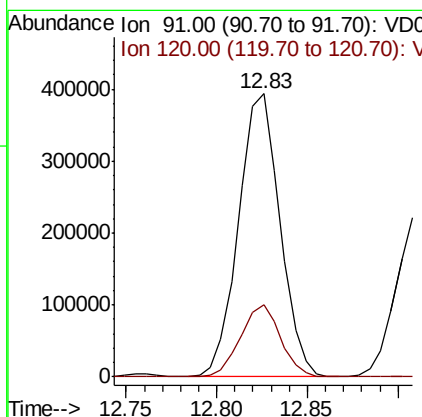
RT: 12.83 min Scan# 1854

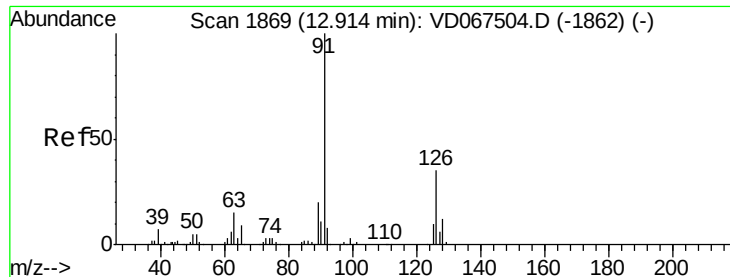
Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Tgt Ion:	91	Resp:	624813
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.2	36.4





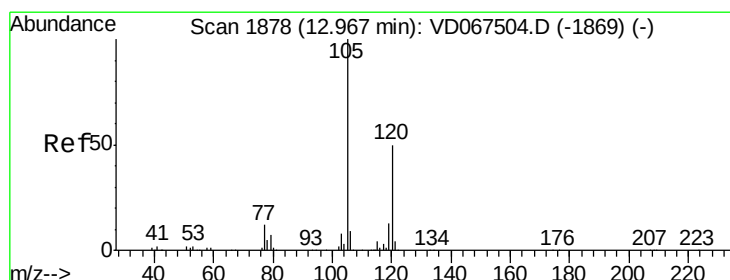
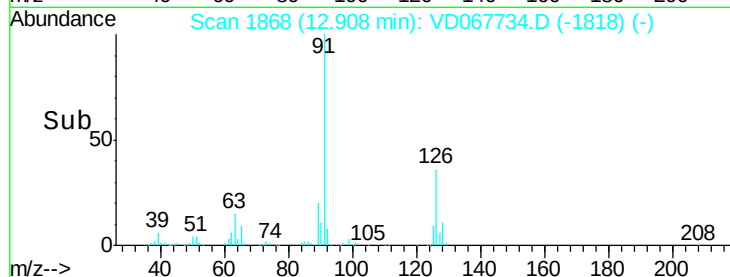
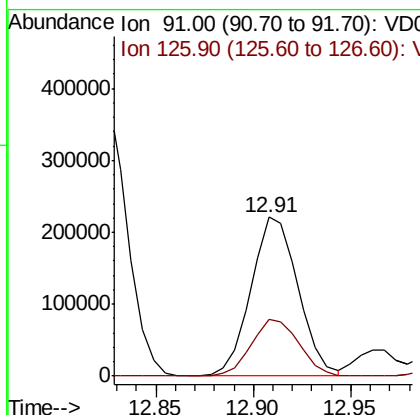
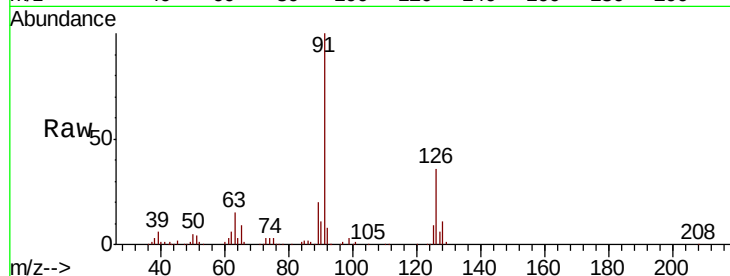
#79
2-Chlorotoluene
Concen: 50.935 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 370910
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.4

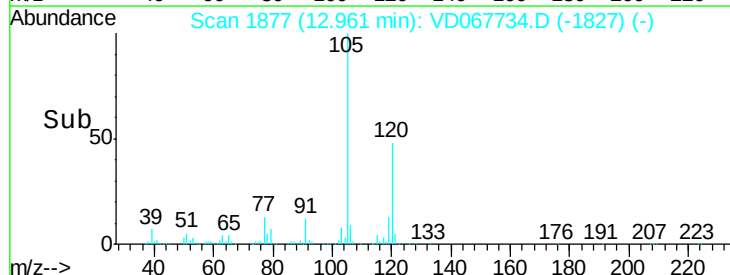
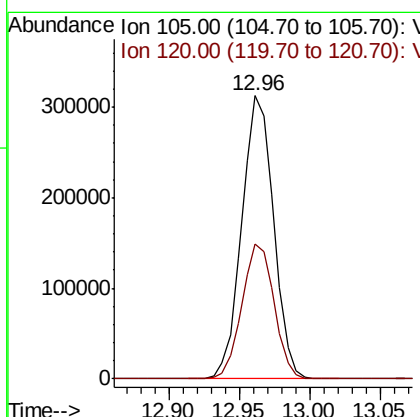
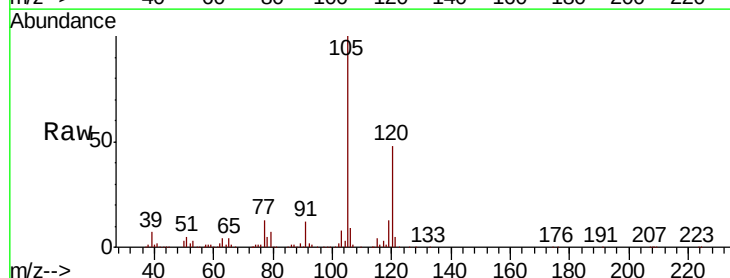
Manual Integrations
APPROVED

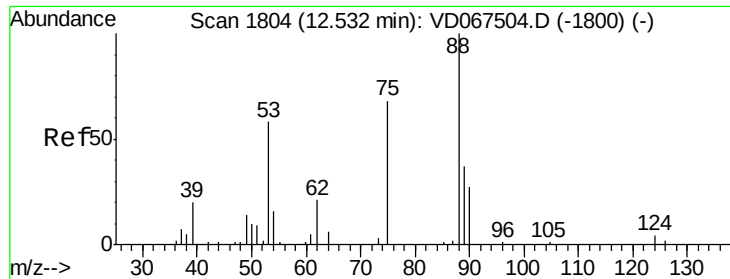
MMDadoda
11/23/2020 1:41:43 PM



#80
1,3,5-Trimethylbenzene
Concen: 51.543 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion: 105 Resp: 493471
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





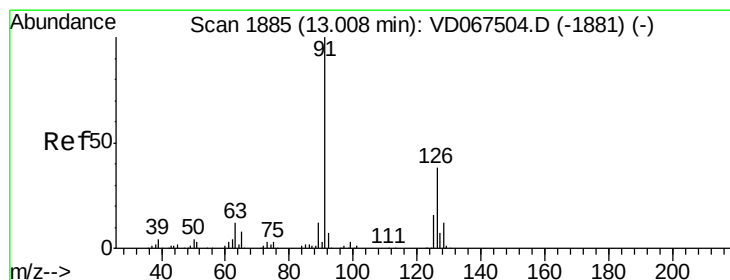
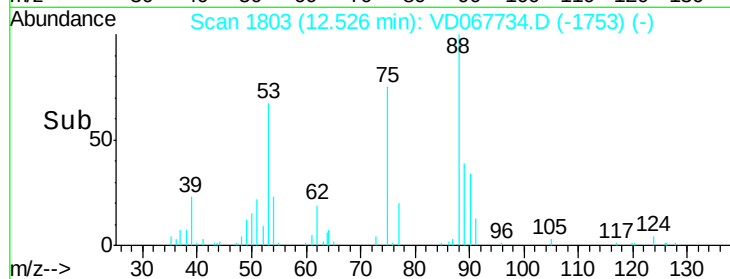
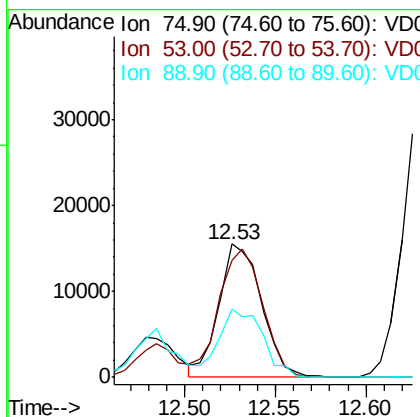
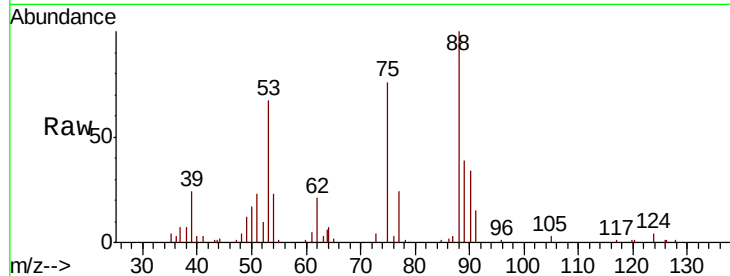
#81
trans-1,4-Dichloro-2-butene
Concen: 49.259 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.9	75.9	113.9
89	53.5	44.6	67.0

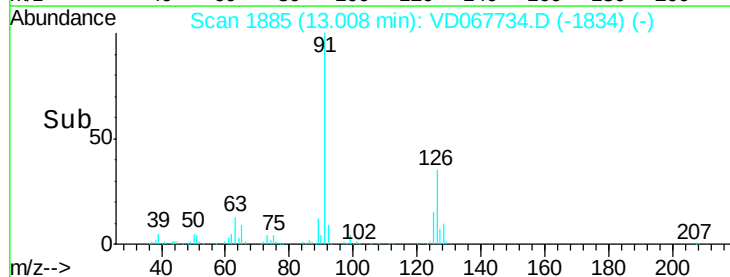
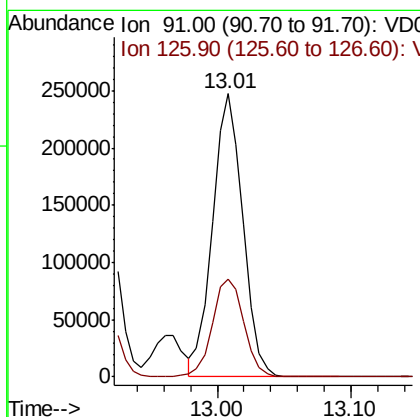
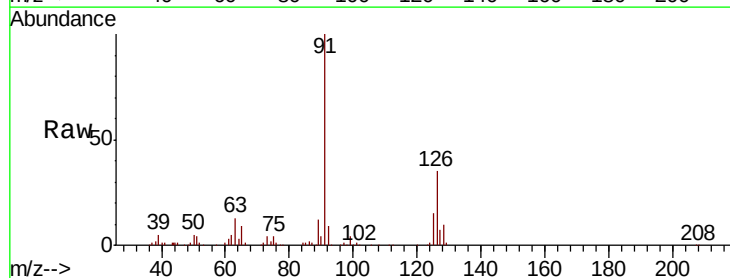
Manual Integrations
APPROVED

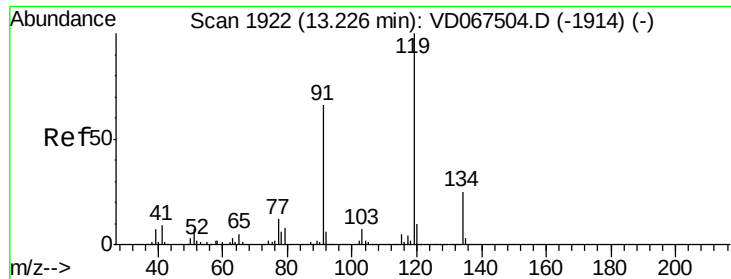
MMDadoda
11/23/2020 1:41:43 PM



#82
4-Chlorotoluene
Concen: 50.349 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.9	53.7





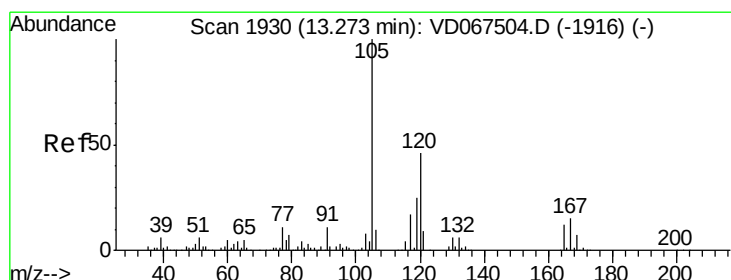
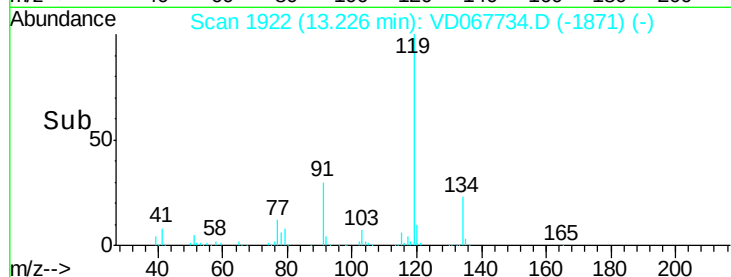
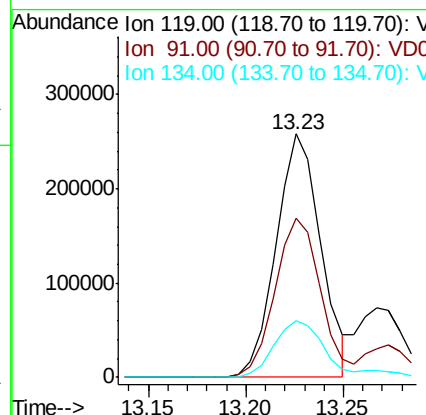
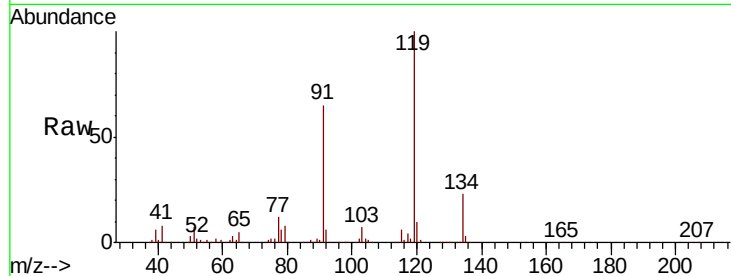
#83
 tert-Butylbenzene
 Concen: 50.403 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	408971		
91	67.0		32.7	98.1
134	27.4		13.4	40.2

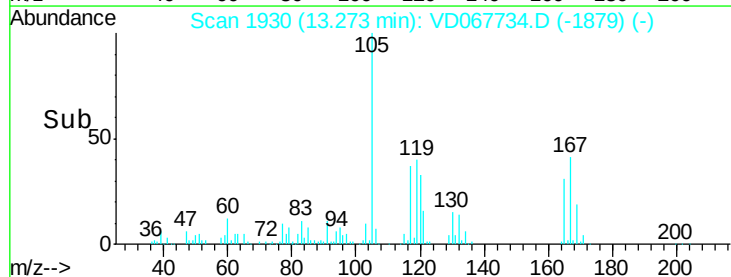
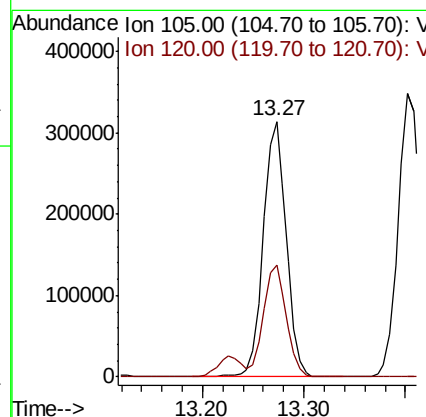
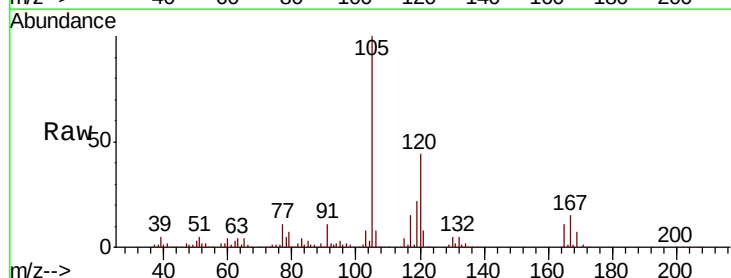
Manual Integrations
 APPROVED

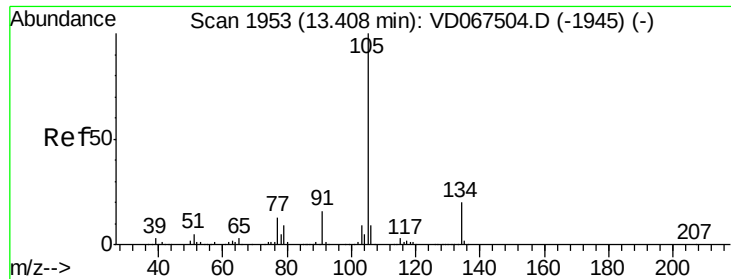
MMDadoda
 11/23/2020 1:41:43 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.004 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	495606		
120	43.5		22.1	66.1





#85

sec-Butylbenzene

Concen: 49.561 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 542871

Ion Ratio Lower Upper

105 100

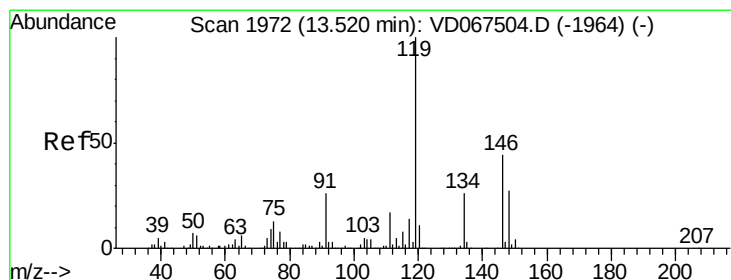
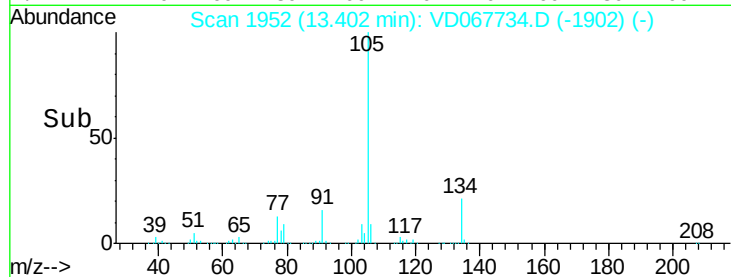
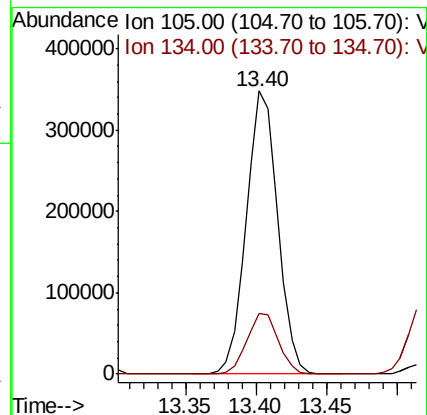
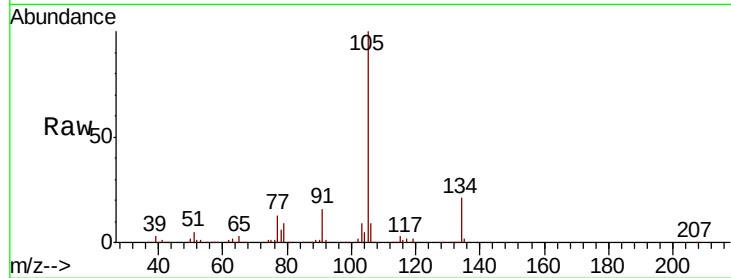
134 21.7 10.4 31.4

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:41:43 PM



#86

p-Isopropyltoluene

Concen: 49.957 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

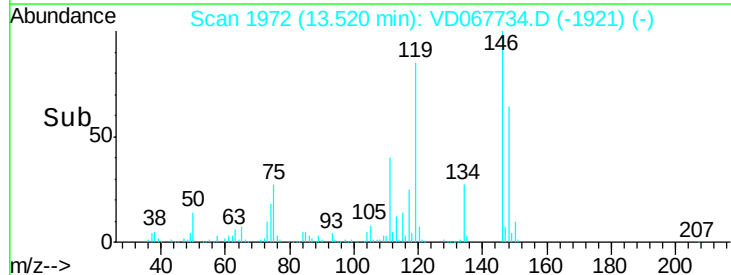
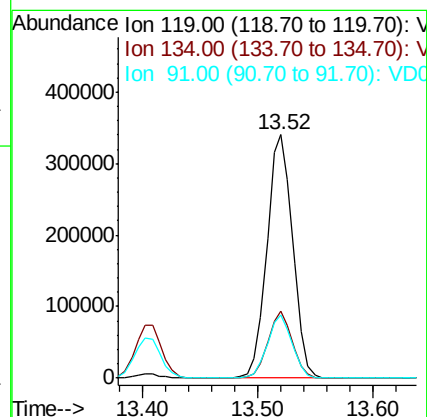
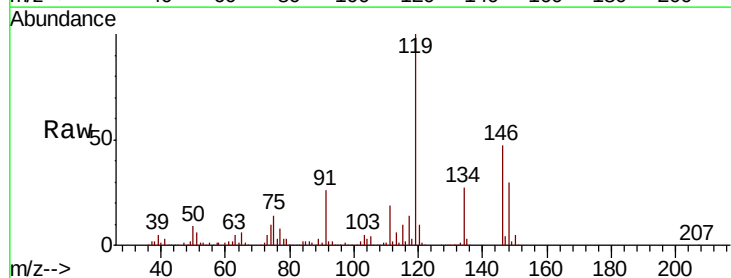
Tgt Ion:119 Resp: 528429

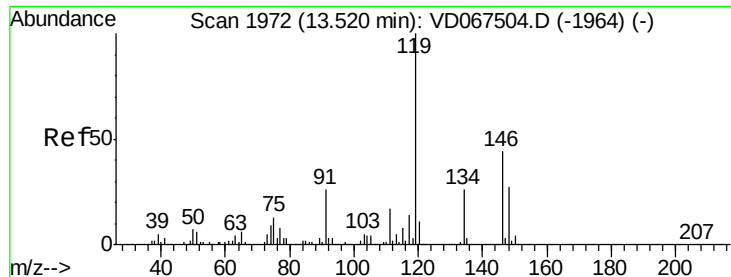
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 25.0 12.2 36.4





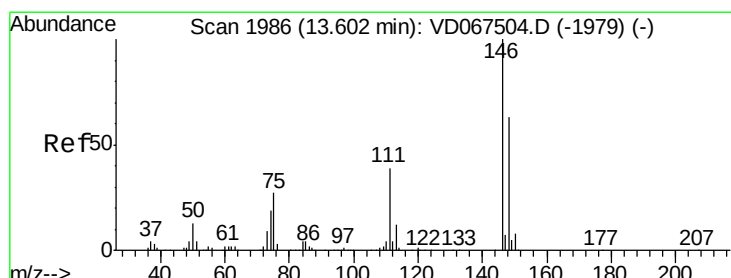
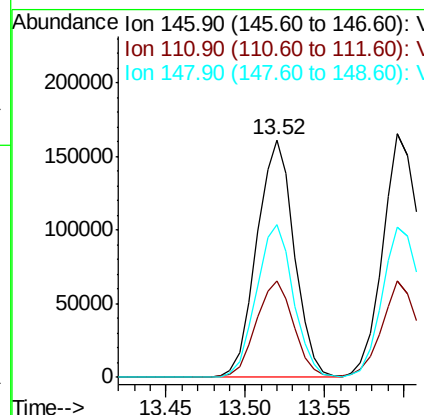
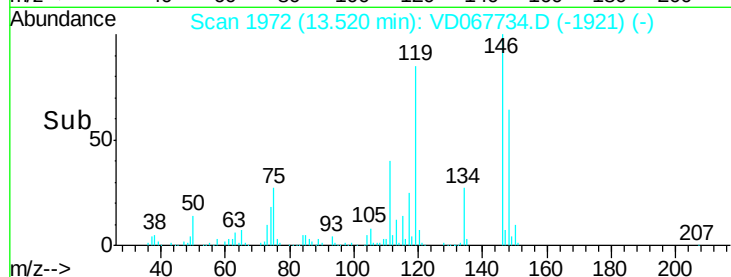
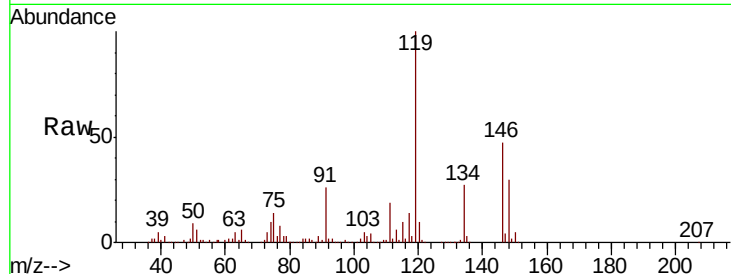
#87
1,3-Dichlorobenzene
Concen: 50.412 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	264767		
111	41.1	20.3	60.8	
148	63.7	31.9	95.9	

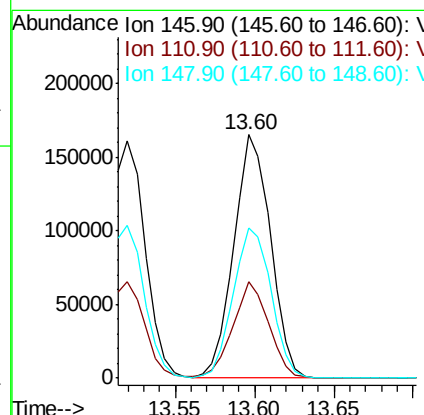
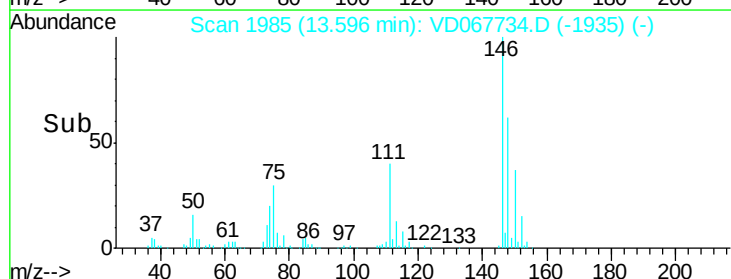
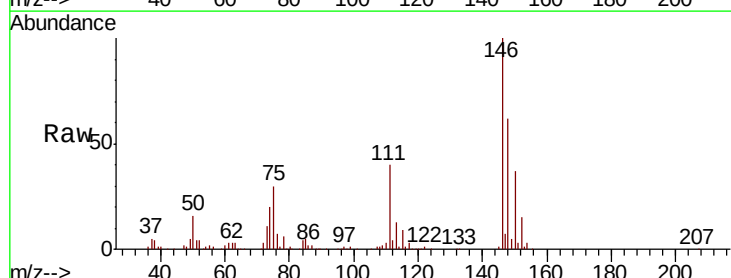
Manual Integrations
APPROVED

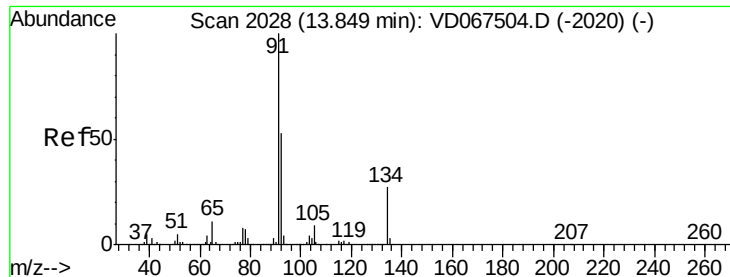
MMDadoda
11/23/2020 1:41:43 PM



#88
1,4-Dichlorobenzene
Concen: 50.032 ug/l
RT: 13.60 min Scan# 1985
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	266072		
111	38.9	19.6	58.7	
148	63.6	31.8	95.4	





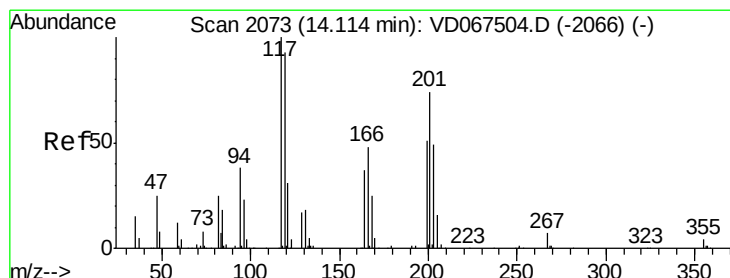
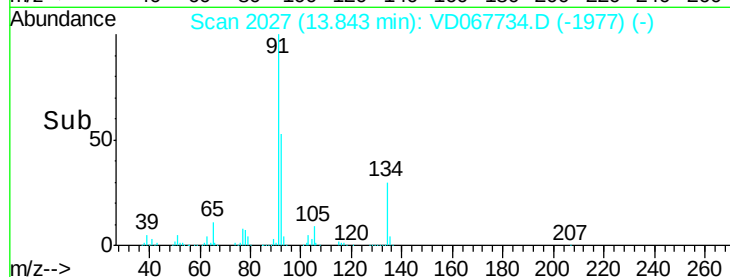
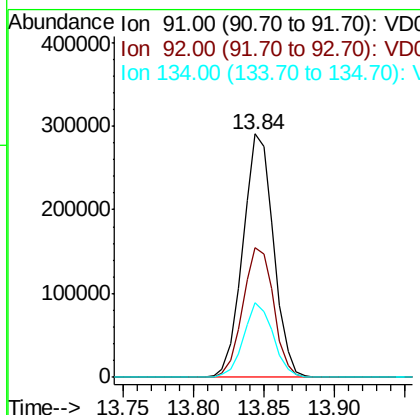
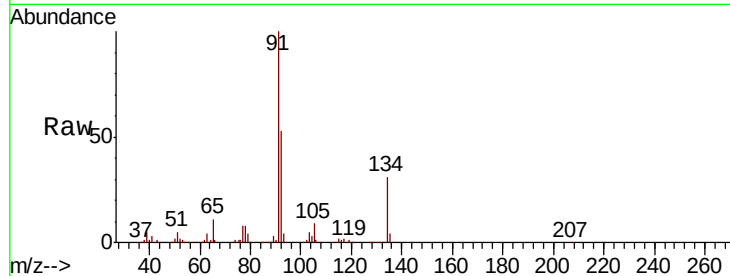
#89
n-Butylbenzene
Concen: 48.270 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		441017		
92	53.7	26.6	79.8		
134	29.5	14.1	42.2		

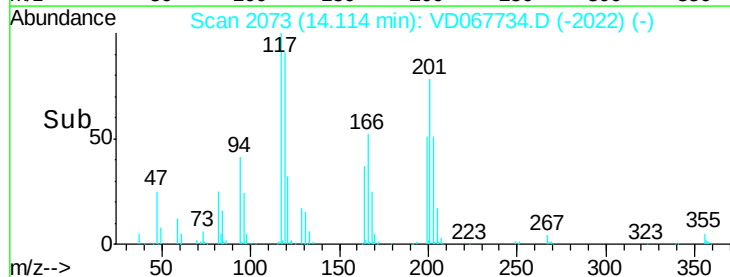
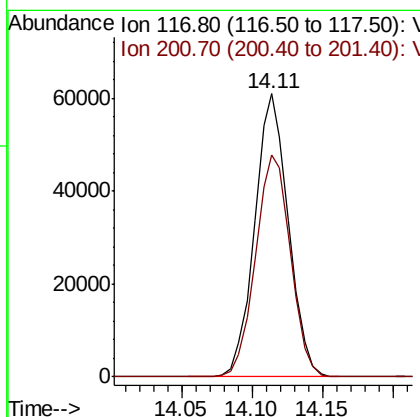
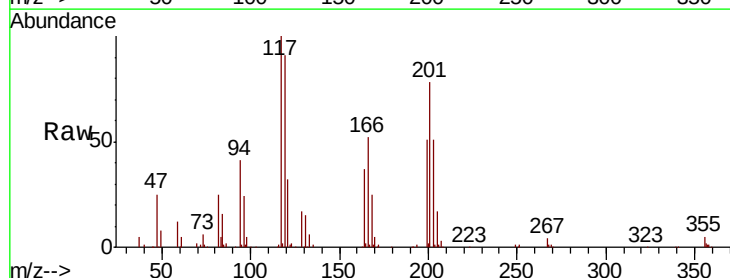
Manual Integrations
APPROVED

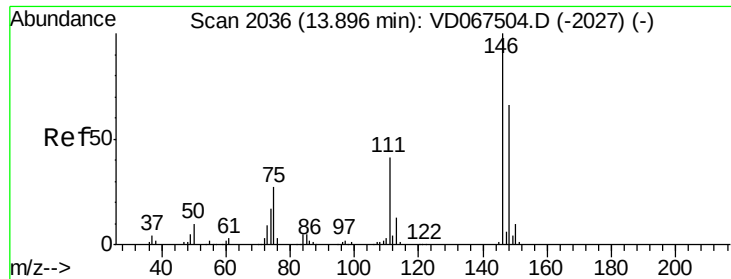
MMDadoda
11/23/2020 1:41:43 PM



#90
Hexachloroethane
Concen: 51.193 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		101974		
201	81.2	40.7	122.1		





#91

1,2-Dichlorobenzene

Concen: 51.828 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Instrument :

MSVOA_D

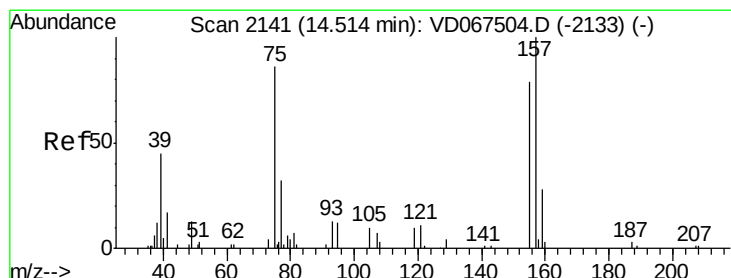
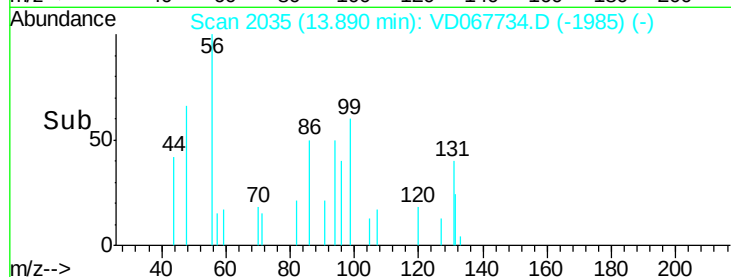
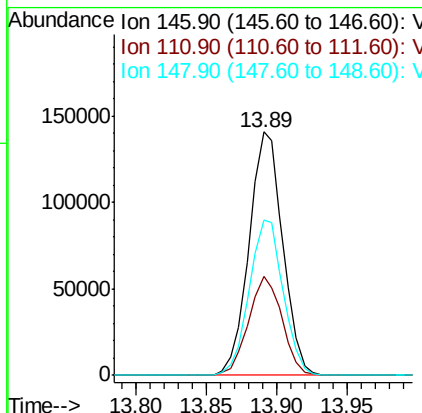
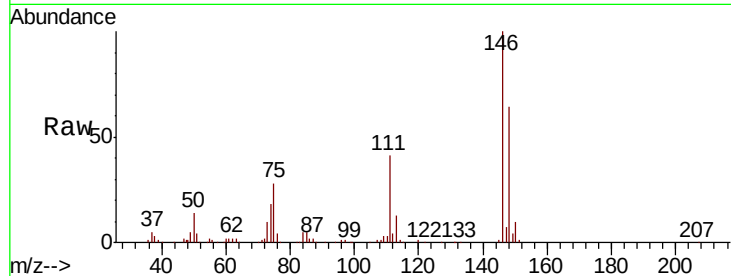
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	235582
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.7	62.1
148	64.3	31.5	94.5

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:41:43 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.622 ug/l

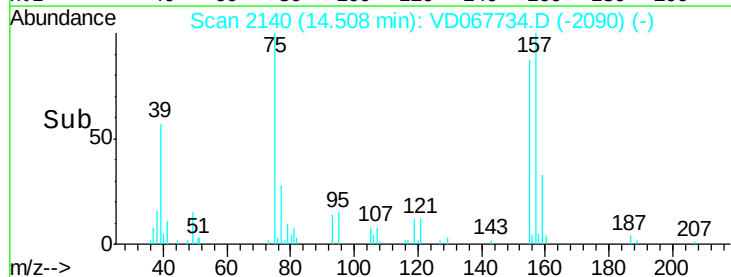
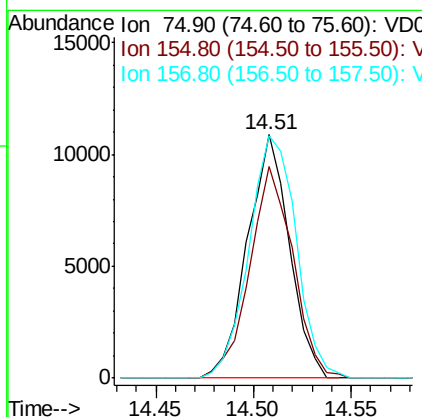
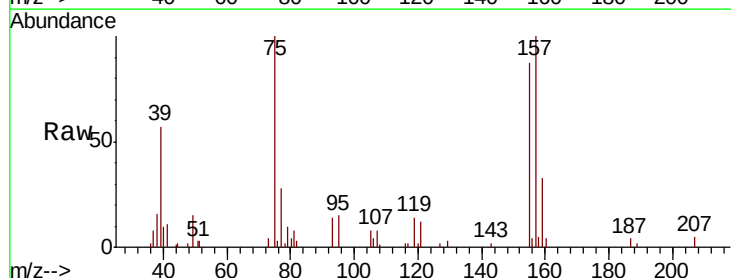
RT: 14.51 min Scan# 2140

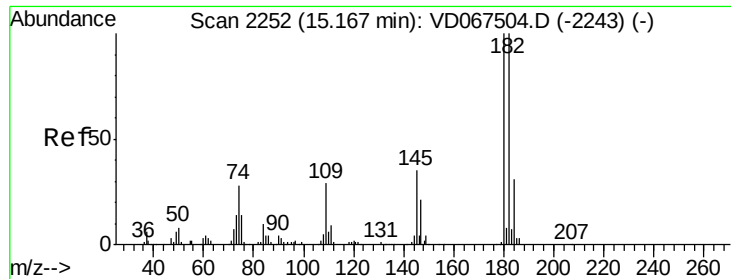
Delta R.T. -0.01 min

Lab File: VD067734.D

Acq: 20 Nov 2020 19:32

Tgt Ion:	75	Resp:	16133
Ion Ratio	Lower	Upper	
75	100		
155	90.0	46.6	139.8
157	112.5	58.1	174.2





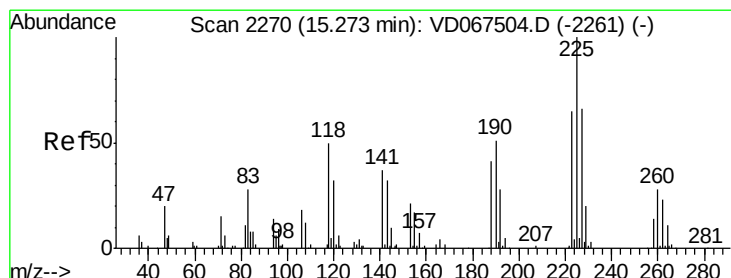
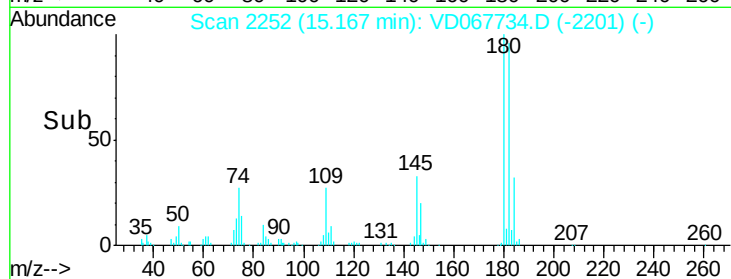
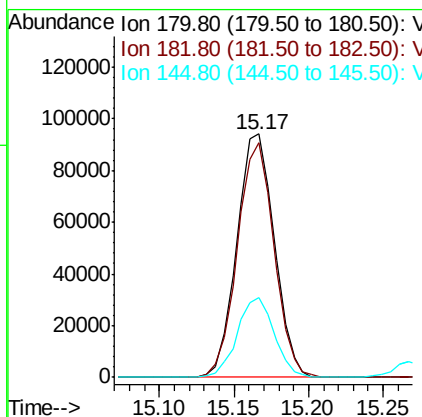
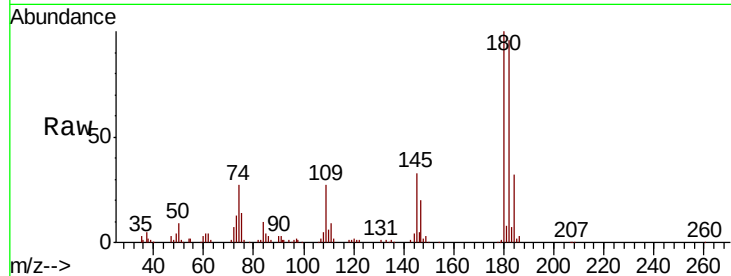
#93
 1,2,4-Trichlorobenzene
 Concen: 53.170 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.3
145	32.2	16.2	48.6

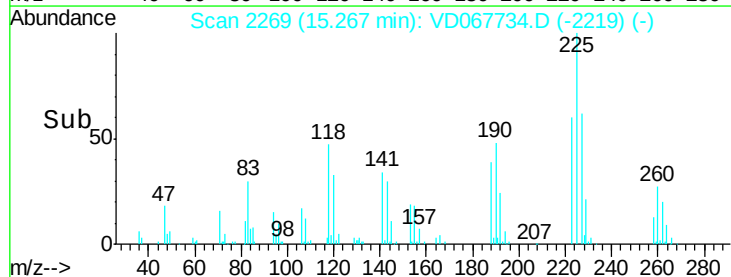
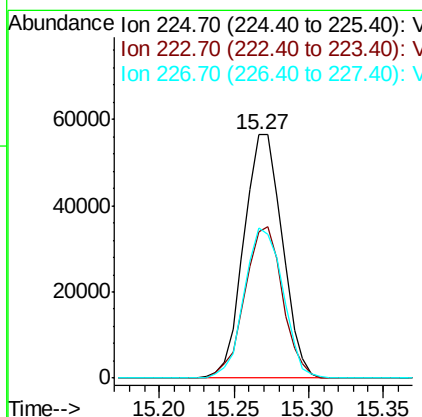
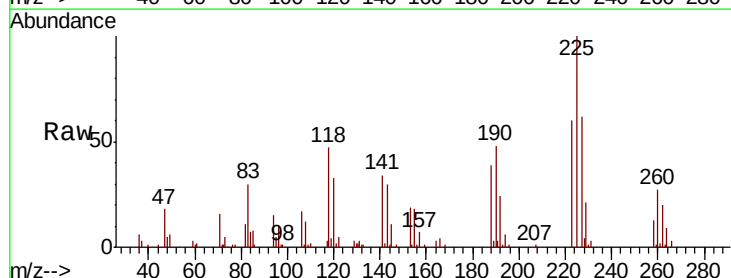
Manual Integrations
 APPROVED

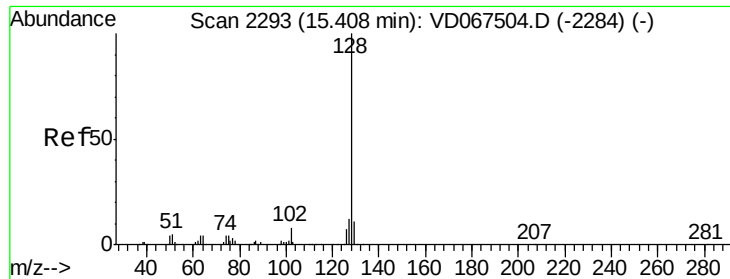
MMDadoda
 11/23/2020 1:41:43 PM



#94
 Hexachlorobutadiene
 Concen: 48.961 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067734.D
 Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.9	95.5
227	61.8	32.5	97.4





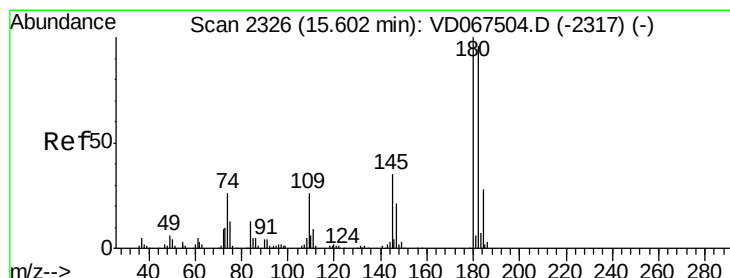
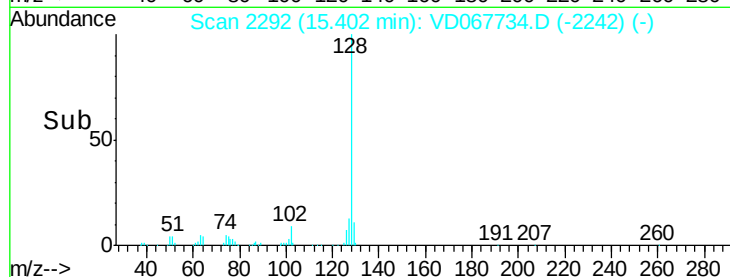
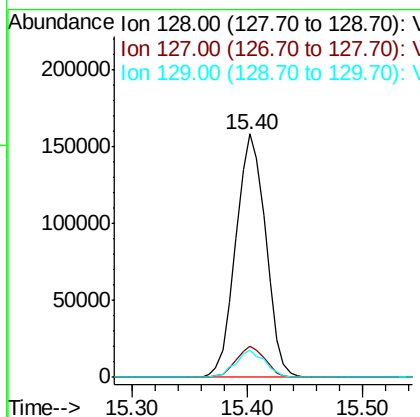
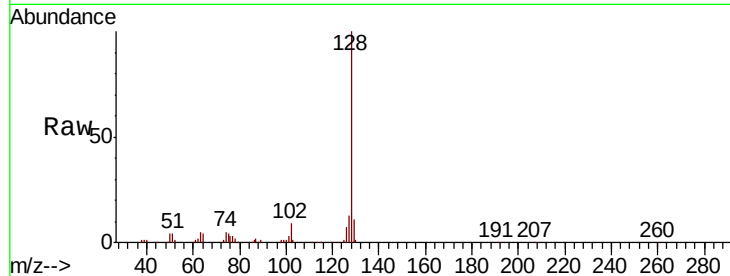
#95
Naphthalene
Concen: 59.730 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	284375		
127	12.5		10.2	15.4
129	10.9		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:41:43 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.982 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067734.D
Acq: 20 Nov 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	147898		
182	93.4		46.9	140.8
145	35.0		17.1	51.2

