

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066331.D
 Acq On : 19 Aug 2020 22:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 3:37:00 PM

Quant Time: Aug 20 07:56:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	223932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	324087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	297720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	150775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	112427	56.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.56%	
35) Dibromofluoromethane	7.91	113	110919	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
50) Toluene-d8	10.34	98	400274	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.63	95	140141	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.99	85	80652	40.880	ug/l	100
3) Chloromethane	2.21	50	64727	42.175	ug/l	99
4) Vinyl Chloride	2.35	62	67042	49.342	ug/l	97
5) Bromomethane	2.77	94	51759	57.417	ug/l	88
6) Chloroethane	2.92	64	44629	53.509	ug/l	99
7) Trichlorofluoromethane	3.27	101	182823	51.611	ug/l	95
8) Diethyl Ether	3.71	74	48874	48.898	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	105924	50.386	ug/l	98
10) Methyl Iodide	4.30	142	123066	62.381	ug/l	97
11) Tert butyl alcohol	5.23	59	34587	228.596	ug/l	97
12) 1,1-Dichloroethene	4.07	96	93972	47.385	ug/l	91
13) Acrolein	3.93	56	27668	173.989	ug/l	95
14) Allyl chloride	4.71	41	145102	48.296	ug/l	91
15) Acrylonitrile	5.42	53	107219	254.564	ug/l	100
16) Acetone	4.16	43	86806	228.997	ug/l	94
17) Carbon Disulfide	4.41	76	258051	40.924	ug/l	99
18) Methyl Acetate	4.71	43	48778	50.660	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	242406	53.328	ug/l	96
20) Methylene Chloride	4.96	84	128711	60.062	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	112719	49.477	ug/l	96
22) Diisopropyl ether	6.36	45	290745	48.936	ug/l	96
23) Vinyl Acetate	6.30	43	867423	249.211	ug/l	100
24) 1,1-Dichloroethane	6.26	63	191381	52.050	ug/l	100
25) 2-Butanone	7.21	43	125466	225.034	ug/l	93
26) 2,2-Dichloropropane	7.20	77	171974	52.185	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	129543	54.212	ug/l	98
28) Bromochloromethane	7.54	49	66038	51.136	ug/l	96
29) Tetrahydrofuran	7.56	42	80758	233.788	ug/l	96
30) Chloroform	7.71	83	213846	55.388	ug/l	96
31) Cyclohexane	7.98	56	151989	43.425	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	202295	55.883	ug/l	98
36) 1,1-Dichloropropene	8.11	75	152798	50.173	ug/l	99
37) Ethyl Acetate	7.29	43	57956	48.031	ug/l	98
38) Carbon Tetrachloride	8.10	117	192034	56.545	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	176309	47.891	ug/l	97
40) Benzene	8.34	78	432256	51.165	ug/l	98
41) Methacrylonitrile	7.53	41	34840	49.107	ug/l	93
42) 1,2-Dichloroethane	8.42	62	139522	56.216	ug/l	97
43) Isopropyl Acetate	8.45	43	118231	49.730	ug/l	99
44) Trichloroethene	9.11	130	134161	52.700	ug/l	99
45) 1,2-Dichloropropane	9.38	63	106237	51.416	ug/l	100
46) Dibromomethane	9.47	93	60226	52.917	ug/l	96
47) Bromodichloromethane	9.66	83	170331	56.625	ug/l	100
48) Methyl methacrylate	9.46	41	55181	45.455	ug/l #	77
49) 1,4-Dioxane	9.46	88	13958	954.582	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	297987	244.013	ug/l	98
52) Toluene	10.40	92	295477	53.152	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	155810	54.581	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	175419	52.448	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	82897	50.582	ug/l	97
56) Ethyl methacrylate	10.66	69	102464	52.046	ug/l	96
57) 1,3-Dichloropropane	10.94	76	143281	52.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	240005	271.019	ug/l	98
59) 2-Hexanone	10.98	43	201431	235.027	ug/l	99
60) Dibromochloromethane	11.14	129	122774	54.263	ug/l	98
61) 1,2-Dibromoethane	11.24	107	82530	52.364	ug/l	98
64) Tetrachloroethene	10.87	164	118931	52.022	ug/l	95
65) Chlorobenzene	11.67	112	327566	54.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	128997	54.549	ug/l	98
67) Ethyl Benzene	11.74	91	571012	54.520	ug/l	96
68) m/p-Xylenes	11.85	106	430111	105.996	ug/l	96
69) o-Xylene	12.18	106	200516	54.322	ug/l	98
70) Styrene	12.19	104	348974	53.945	ug/l	97
71) Bromoform	12.36	173	74562	53.218	ug/l #	99
73) Isopropylbenzene	12.48	105	566808	56.317	ug/l	99
74) N-amyl acetate	12.29	43	108196	48.819	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	87447	50.954	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	57788m	45.960	ug/l	
77) Bromobenzene	12.76	156	141199	54.499	ug/l	98
78) n-propylbenzene	12.82	91	636502	54.405	ug/l	100
79) 2-Chlorotoluene	12.91	91	368705	55.102	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	479908	57.016	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	28086	49.378	ug/l	92
82) 4-Chlorotoluene	13.01	91	380996	53.938	ug/l	99
83) tert-Butylbenzene	13.23	119	416061	56.207	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	469874	55.781	ug/l	100
85) sec-Butylbenzene	13.40	105	549413	54.974	ug/l	100
86) p-Isopropyltoluene	13.52	119	526755	56.196	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	256645	52.706	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	253897	52.284	ug/l	100
89) n-Butylbenzene	13.84	91	459636	54.730	ug/l	99
90) Hexachloroethane	14.11	117	102192	54.664	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	231997	53.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15789	53.530	ug/l	99

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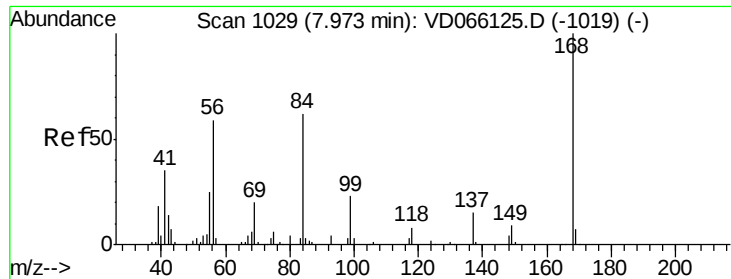
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	170879	53.845	ug/l	99
94) Hexachlorobutadiene	15.27	225	105711	56.568	ug/l	98
95) Naphthalene	15.41	128	289485	55.983	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	150660	53.779	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Tot Ion:168 Resp: 223932

Ion Ratio Lower Upper

168 100

99 52.8 42.2 63.4

Instrument :

MSVOA_D

ClientSampleId :

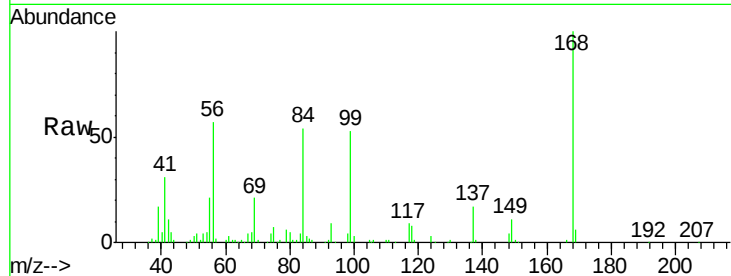
VSTDCCC050

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

60000

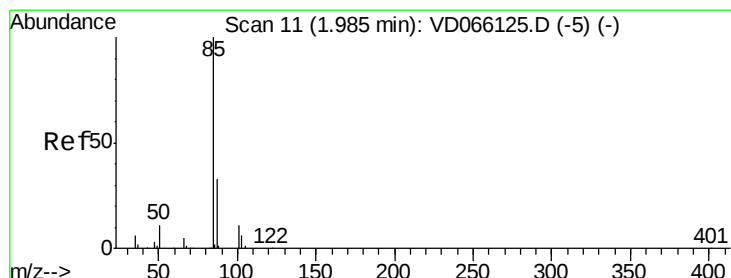
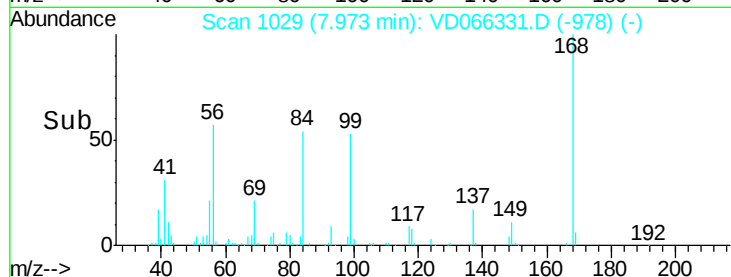
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 40.880 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066331.D

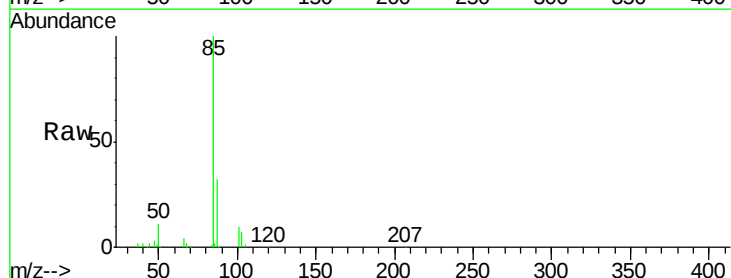
Acq: 19 Aug 2020 22:43

Tgt Ion: 85 Resp: 80652

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

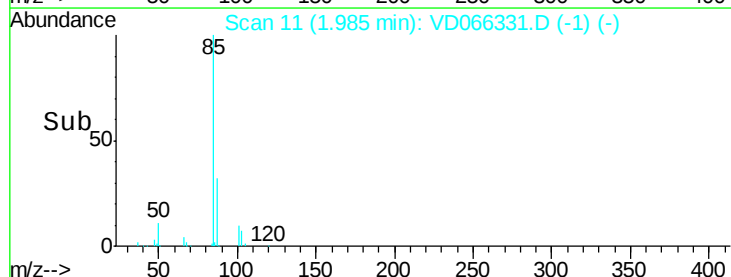
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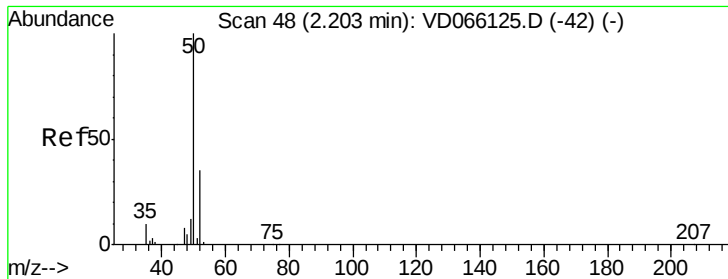
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 42.175 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 64727

Ion Ratio Lower Upper

50 100

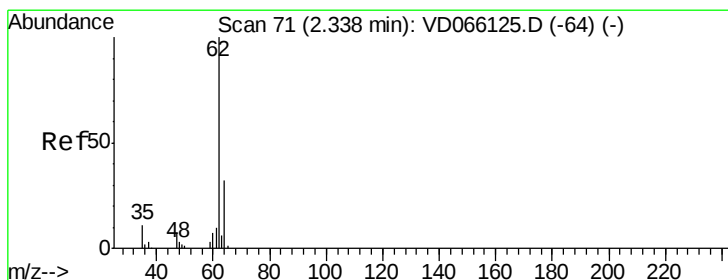
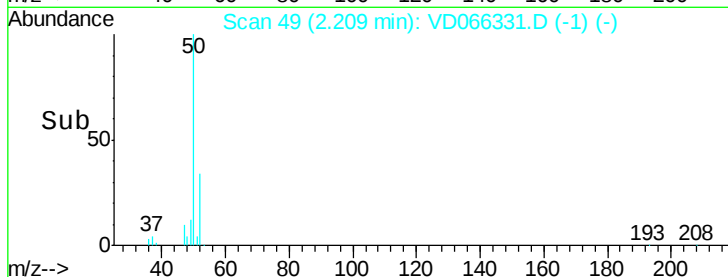
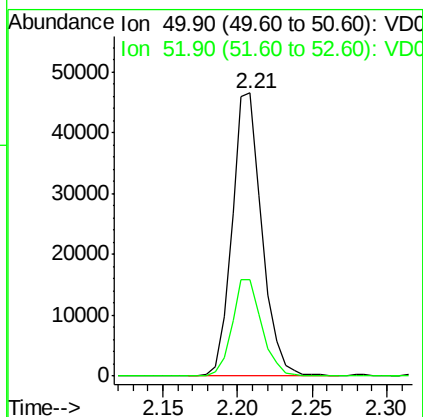
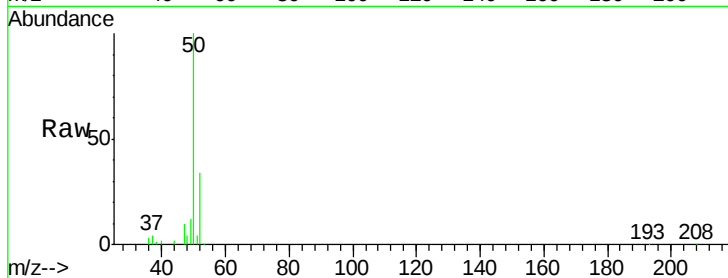
52 34.2 27.9 41.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.342 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066331.D

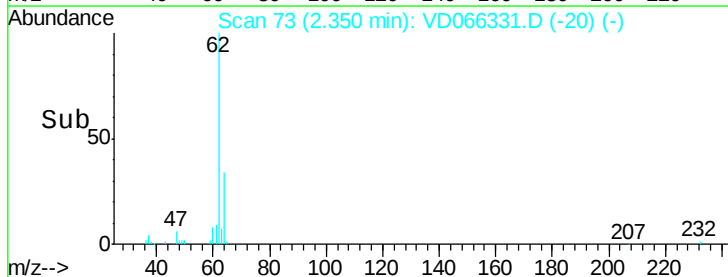
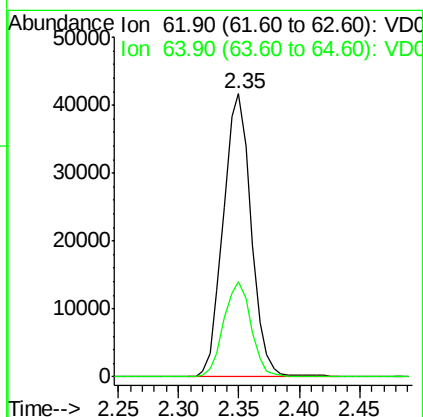
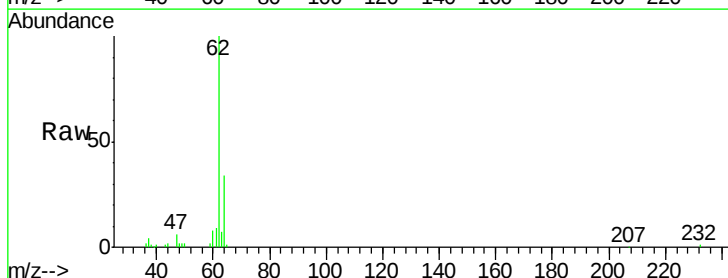
Acq: 19 Aug 2020 22:43

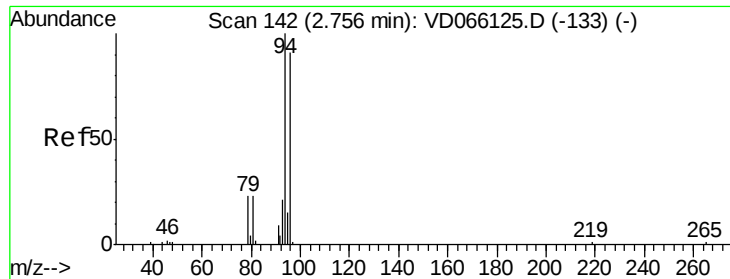
Tgt Ion: 62 Resp: 67042

Ion Ratio Lower Upper

62 100

64 33.7 25.8 38.8





#5

Bromomethane

Concen: 57.417 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 51759

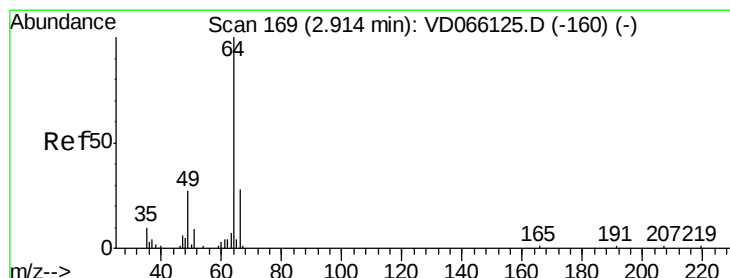
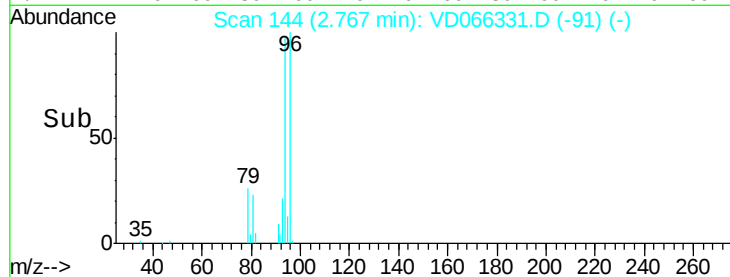
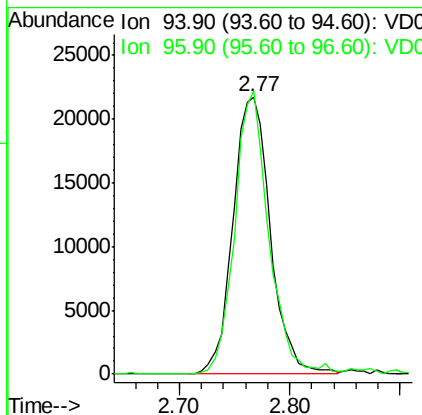
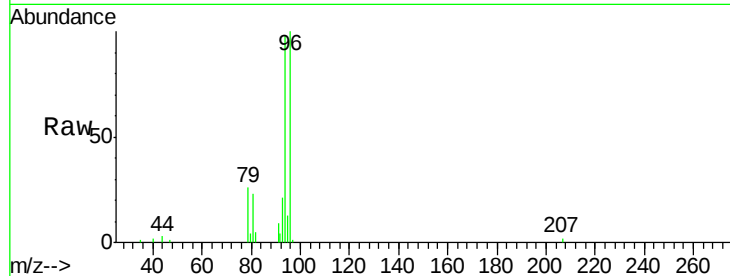
Ion Ratio Lower Upper

94 100

96 102.0 72.6 109.0

Manual Integrations
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#6

Chloroethane

Concen: 53.509 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066331.D

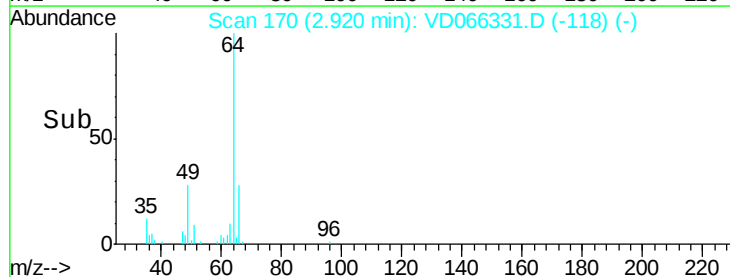
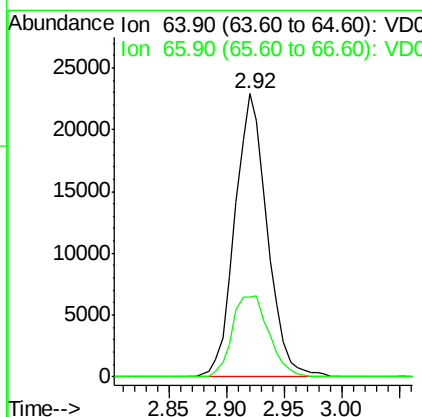
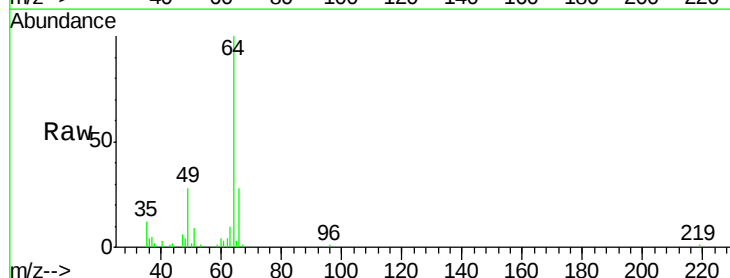
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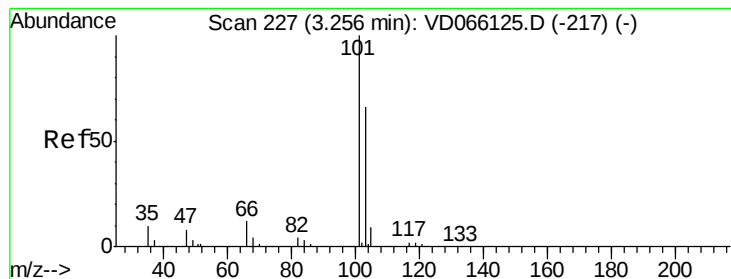
Tgt Ion: 64 Resp: 44629

Ion Ratio Lower Upper

64 100

66 28.2 22.0 33.0





#7

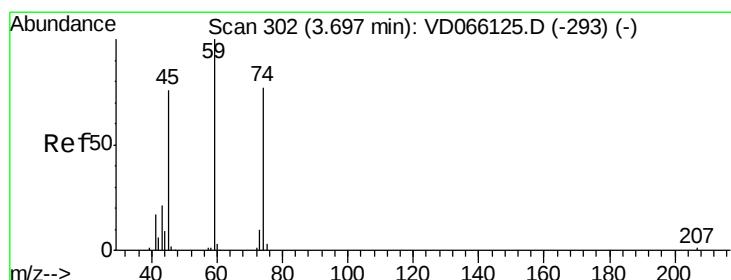
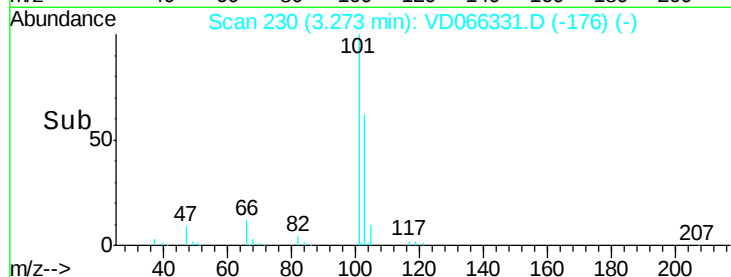
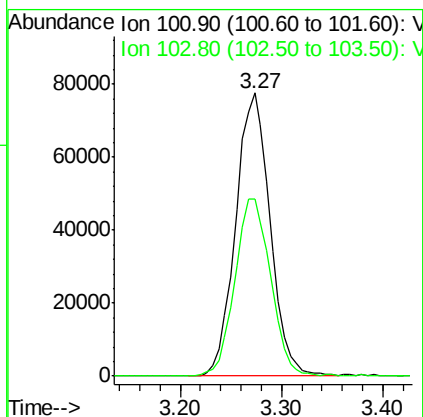
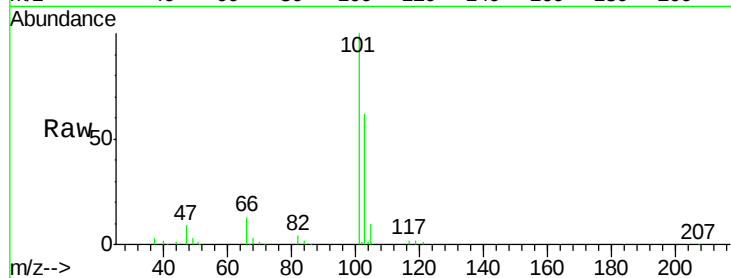
Trichlorofluoromethane
Concen: 51.611 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.02 min
Lab File: VD066331.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	182823		
103	62.4	53.0	79.6	

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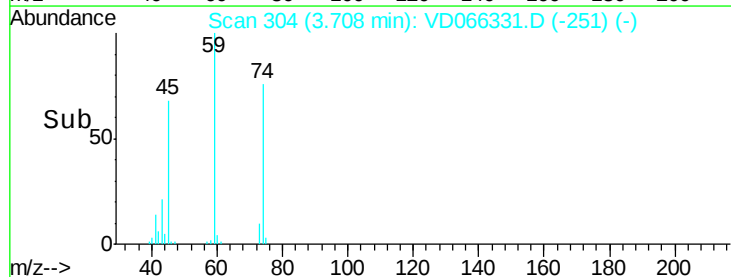
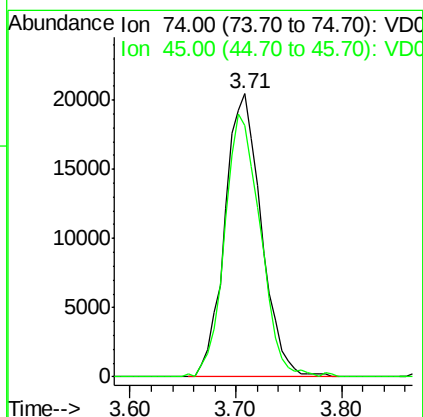
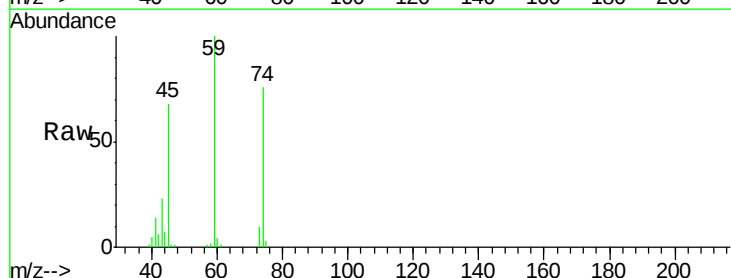
MMDadoda
8/20/2020 3:37:00 PM

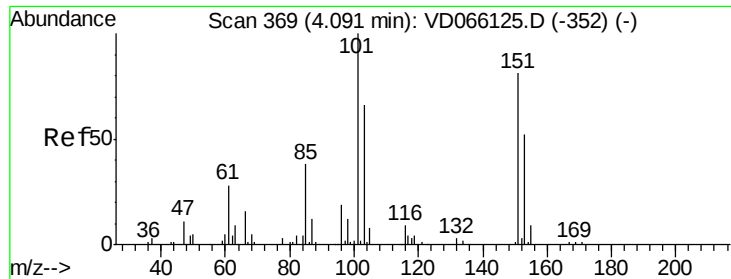


#8

Diethyl Ether
Concen: 48.898 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	48874		
45	90.8	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.386 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

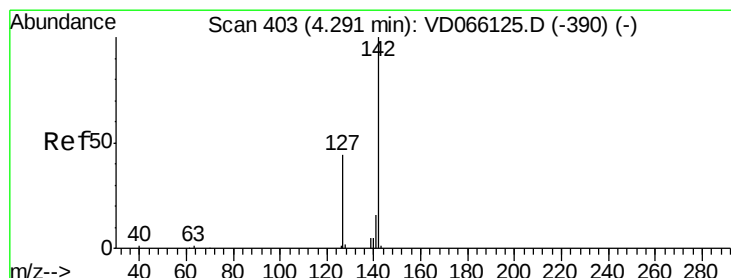
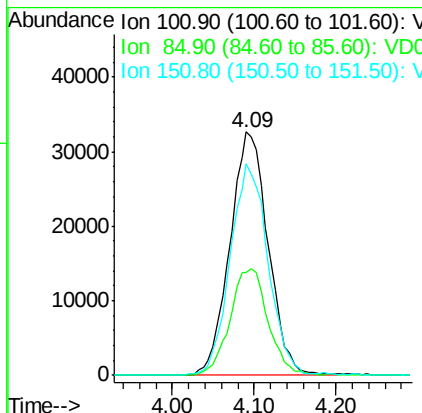
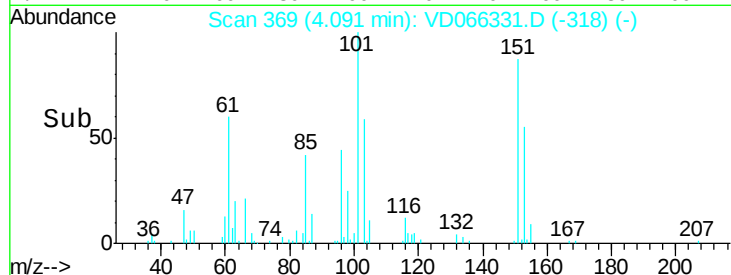
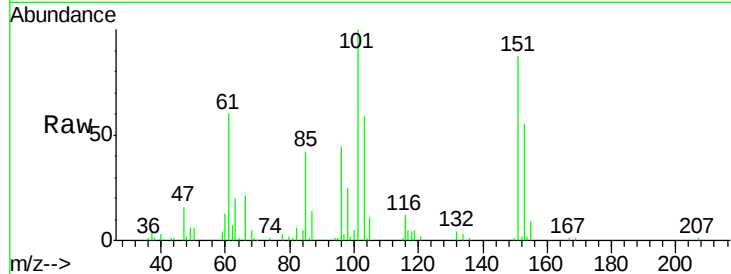
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	105924
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.5	50.3
151	86.1	67.8	101.8

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#10

Methyl Iodide

Concen: 62.381 ug/l

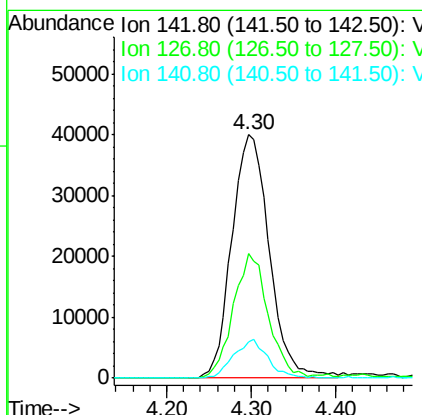
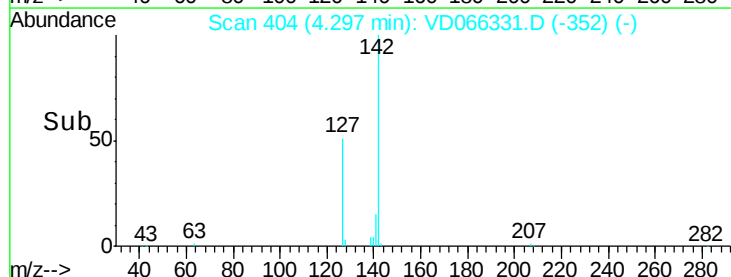
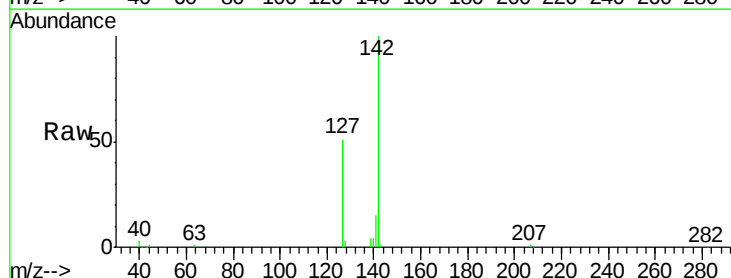
RT: 4.30 min Scan# 404

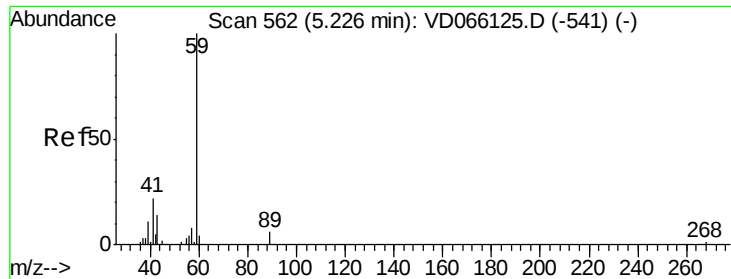
Delta R.T. 0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Tgt Ion:	142	Resp:	123066
Ion Ratio	Lower	Upper	
142	100		
127	47.6	36.2	54.4
141	14.4	12.6	18.8





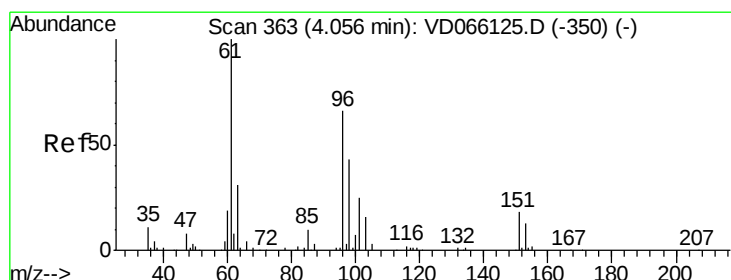
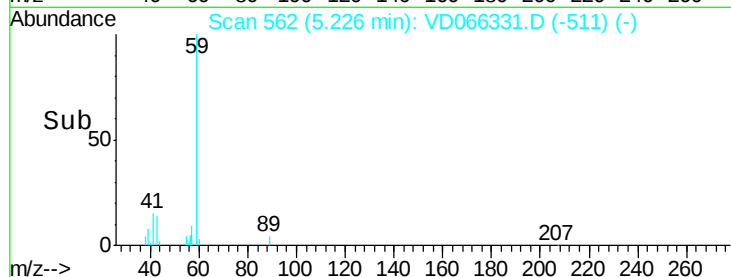
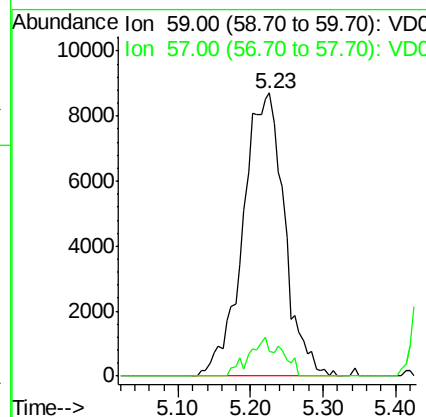
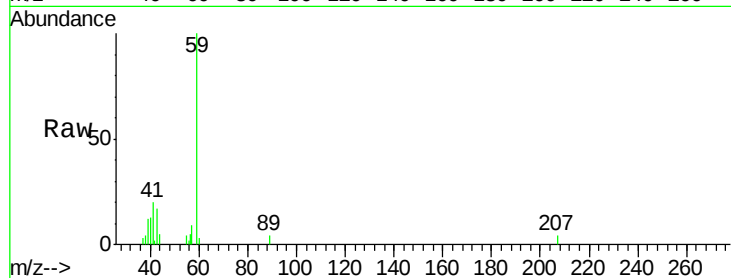
#11
Tert butyl alcohol
Concen: 228.596 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.5	7.0	10.4

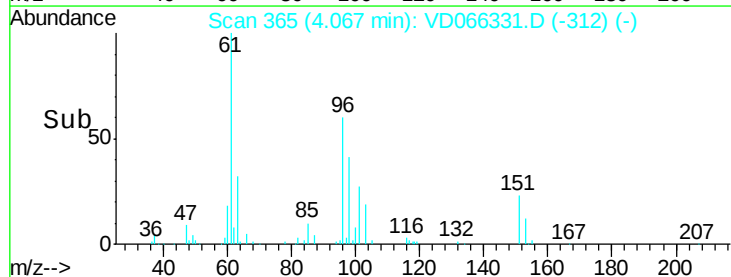
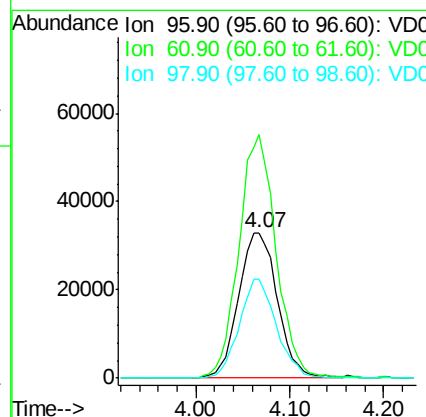
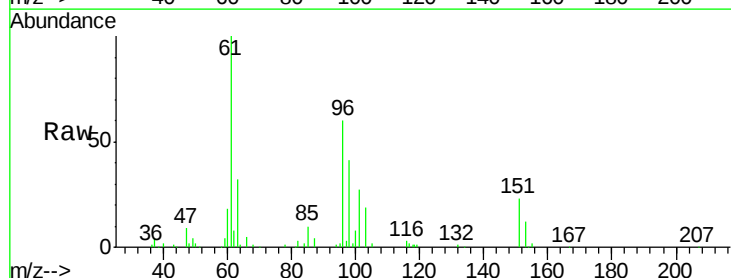
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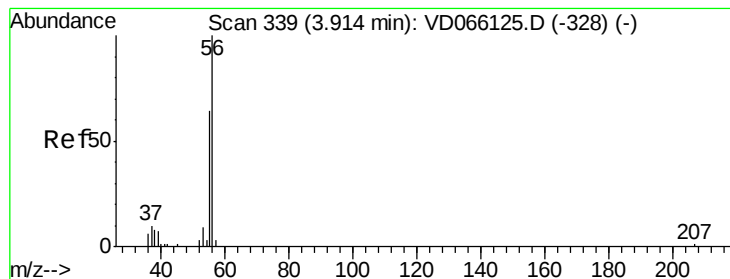
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.385 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.2	121.6	182.4
98	67.8	52.0	78.0





#13

Acrolein

Concen: 173.989 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 27668

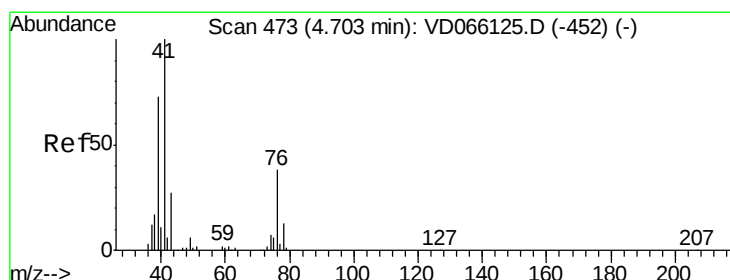
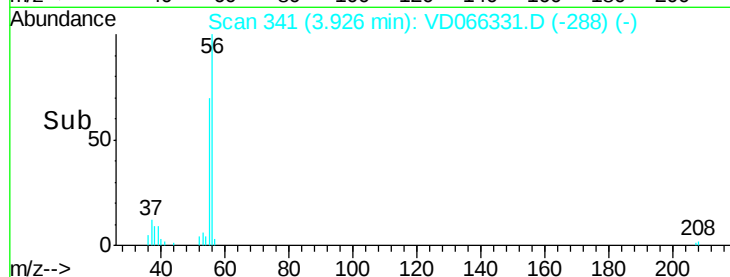
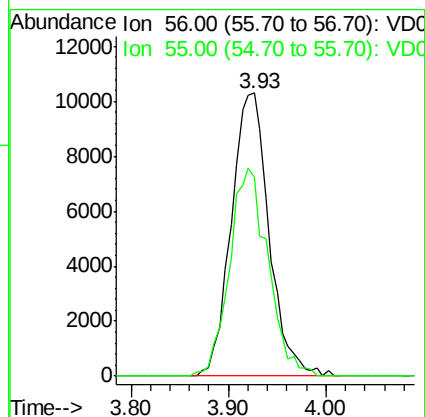
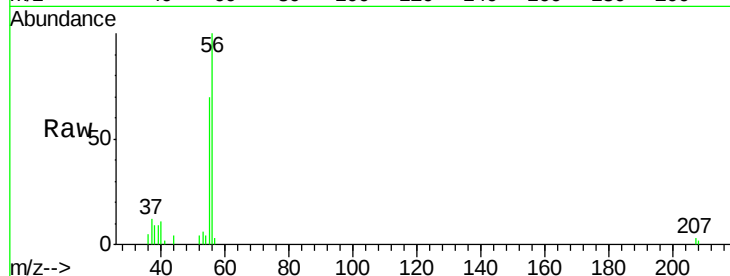
Ion Ratio Lower Upper

56 100

55 74.8 56.7 85.1

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#14

Allyl chloride

Concen: 48.296 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

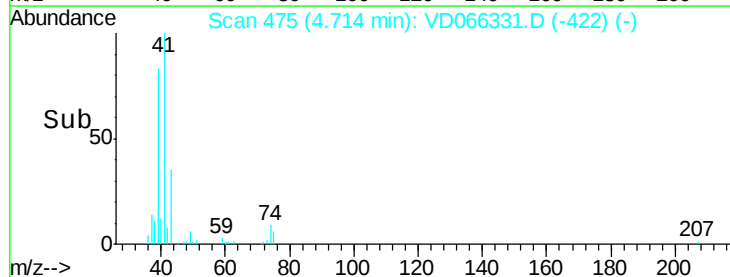
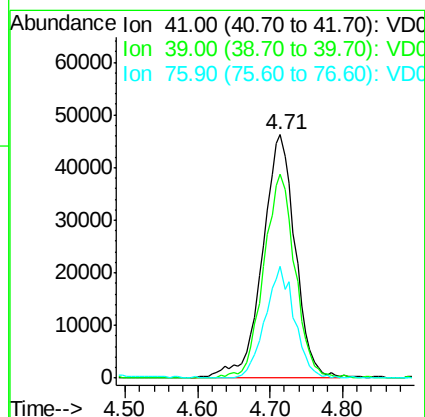
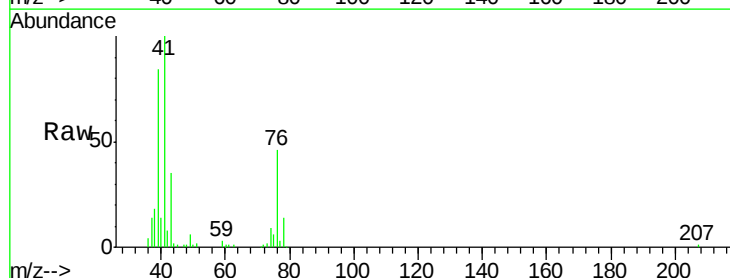
Tgt Ion: 41 Resp: 145102

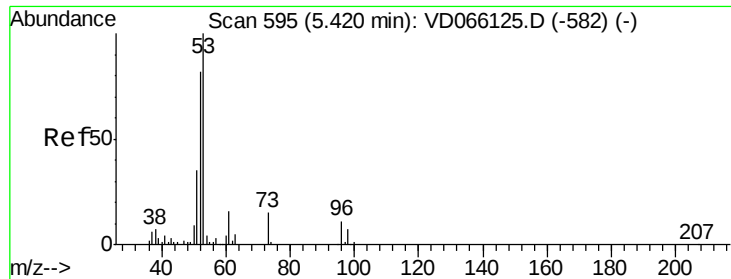
Ion Ratio Lower Upper

41 100

39 80.2 57.4 86.0

76 41.3 30.1 45.1





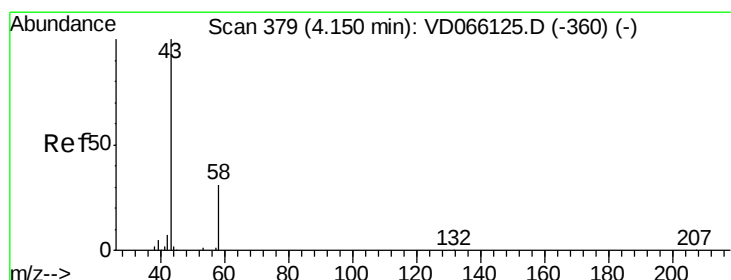
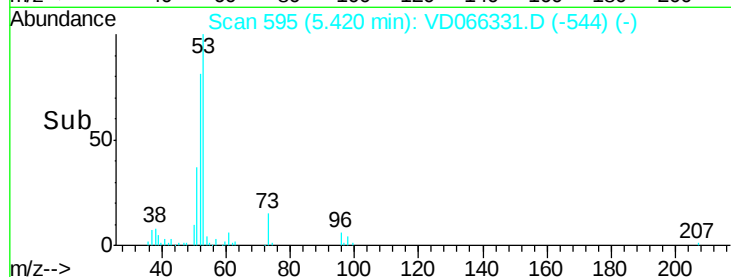
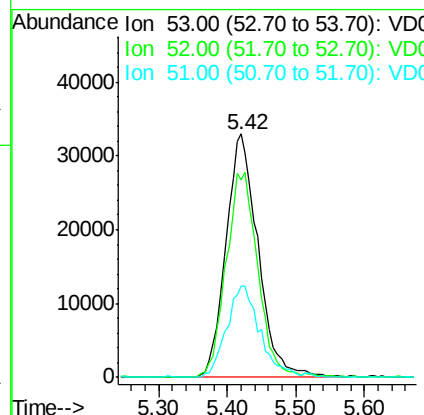
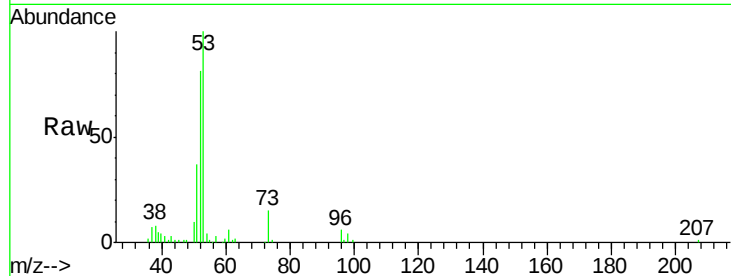
#15
 Acrylonitrile
 Concen: 254.564 ug/l
 RT: 5.42 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	107219
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.1	99.1
51	38.6	30.8	46.2

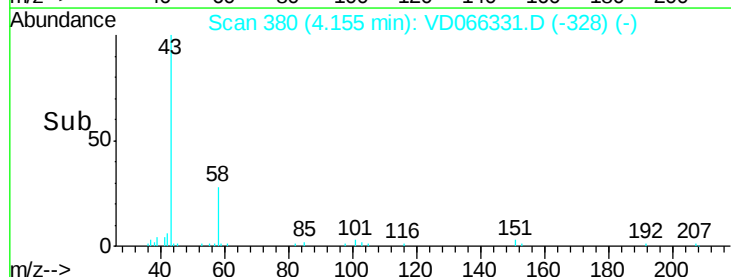
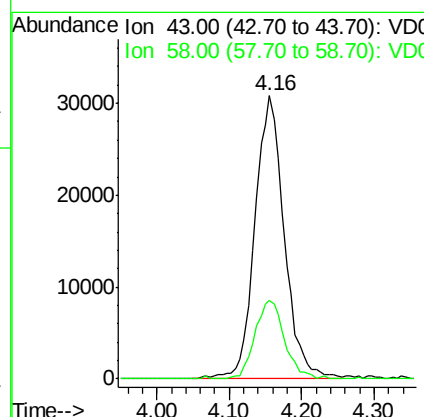
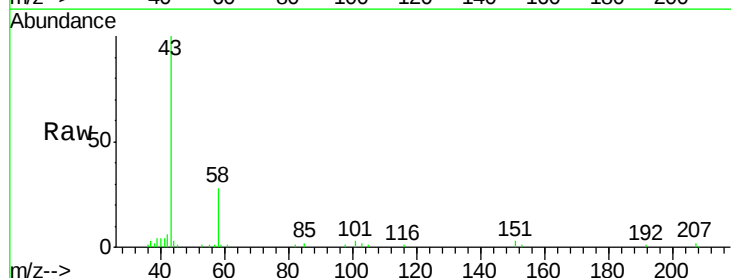
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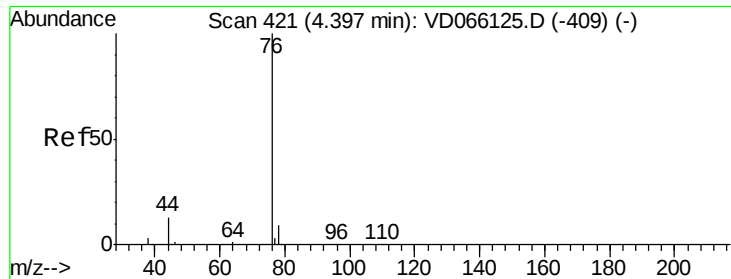
MMDadoda
 8/20/2020 3:37:00 PM



#16
 Acetone
 Concen: 228.997 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Tgt Ion:	43	Resp:	86806
Ion Ratio	Lower	Upper	
43	100		
58	27.7	24.7	37.1





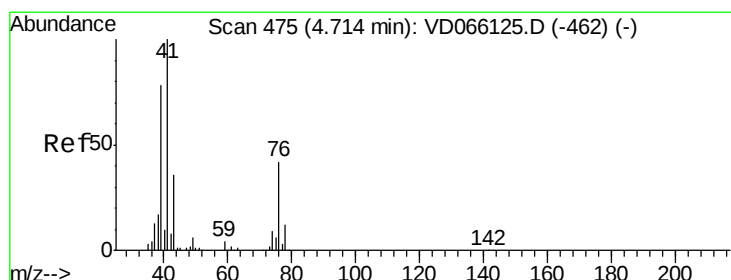
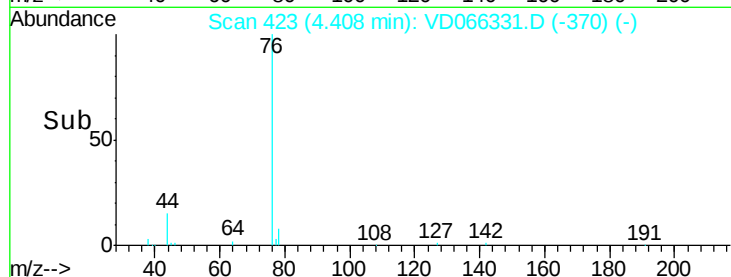
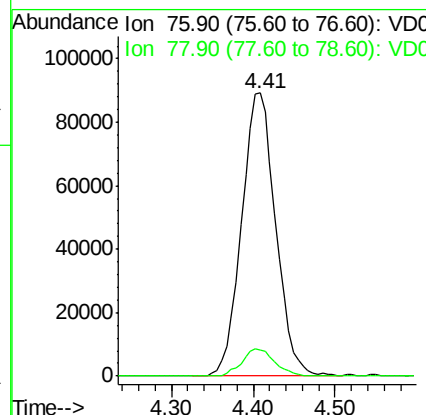
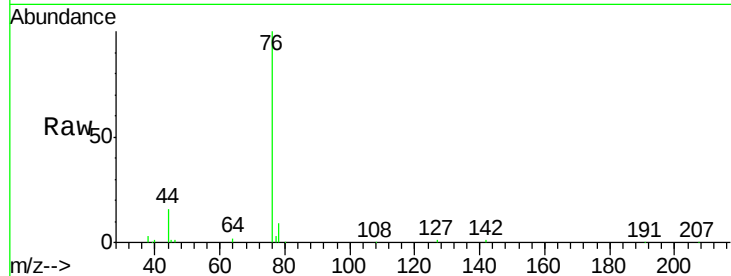
#17
Carbon Disulfide
Concen: 40.924 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

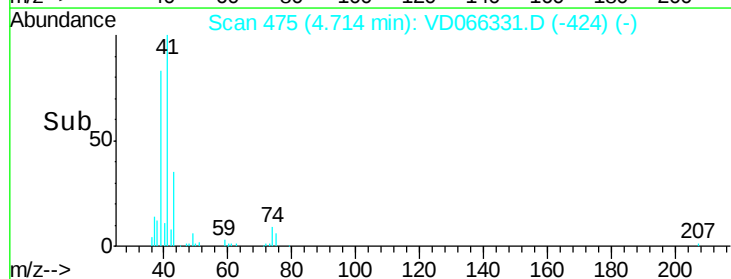
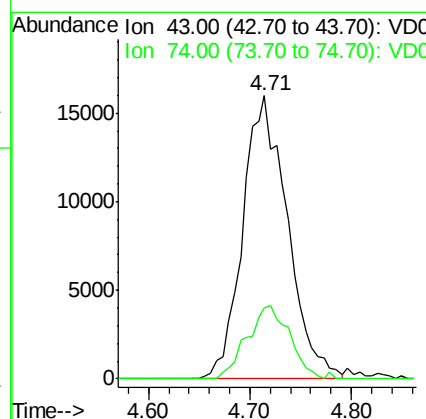
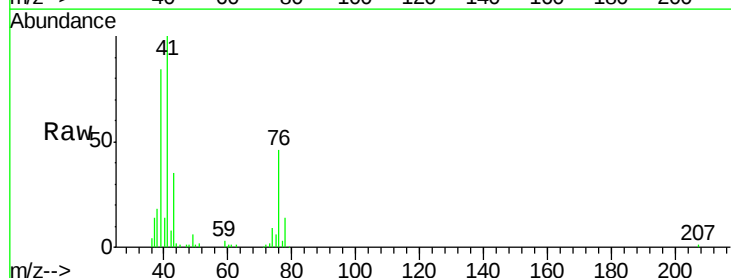
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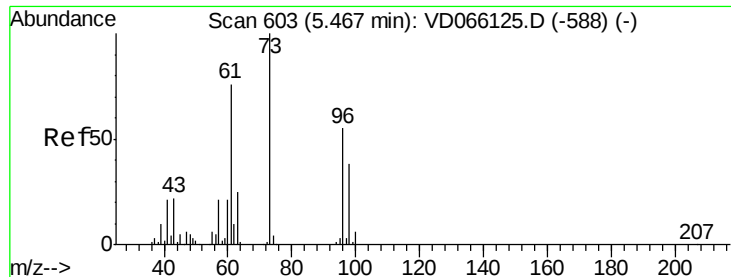
MMDadoda
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#18
Methyl Acetate
Concen: 50.660 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	21.2	31.8





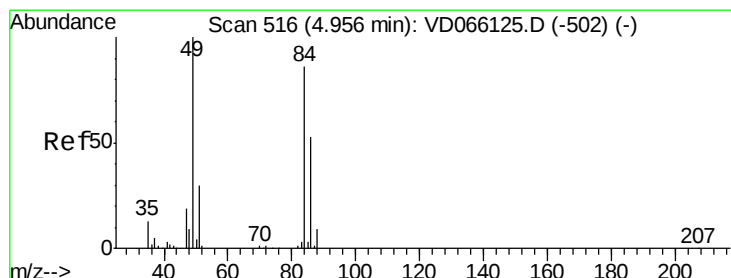
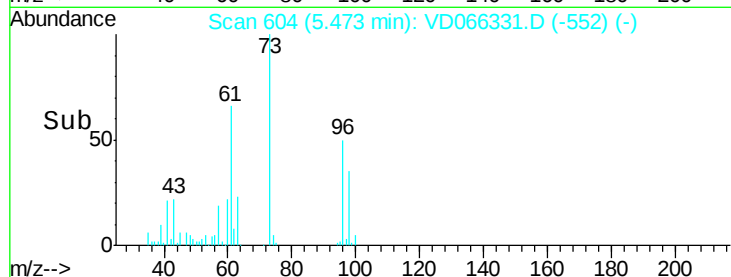
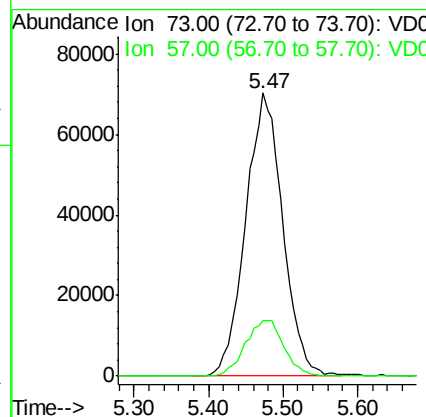
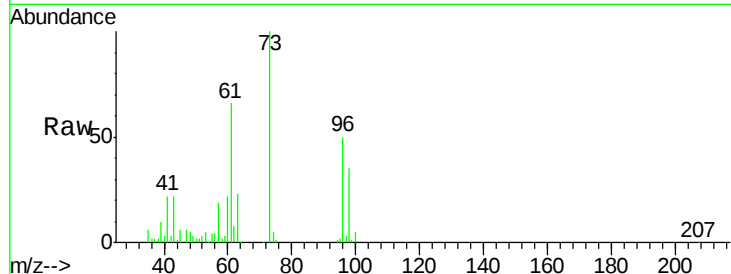
#19
Methyl tert-butyl Ether
Concen: 53.328 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 242406
Ion Ratio Lower Upper
73 100
57 19.4 17.1 25.7

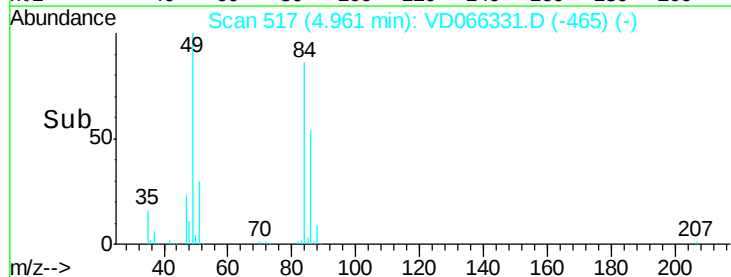
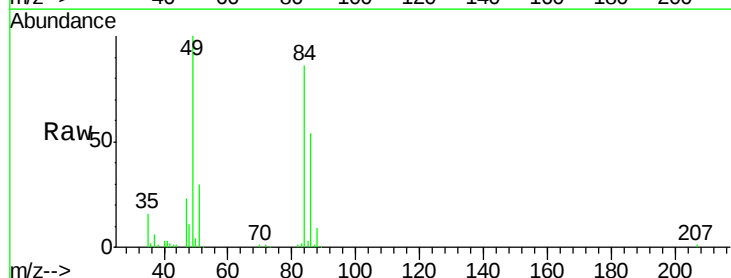
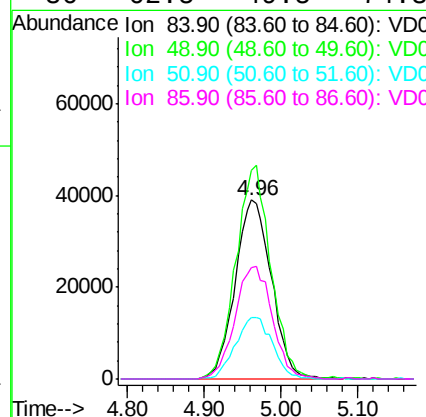
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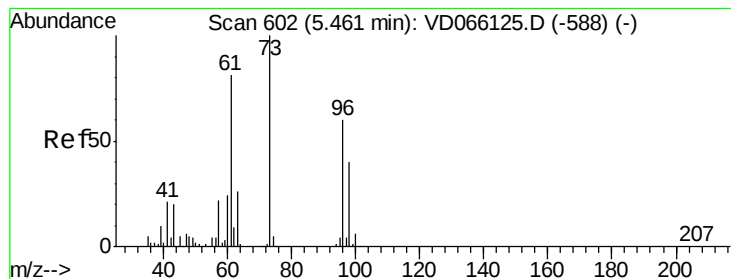
MMDadoda
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#20
Methylene Chloride
Concen: 60.062 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion: 84 Resp: 128711
Ion Ratio Lower Upper
84 100
49 116.3 93.5 140.3
51 34.4 28.2 42.4
86 62.5 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 49.477 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

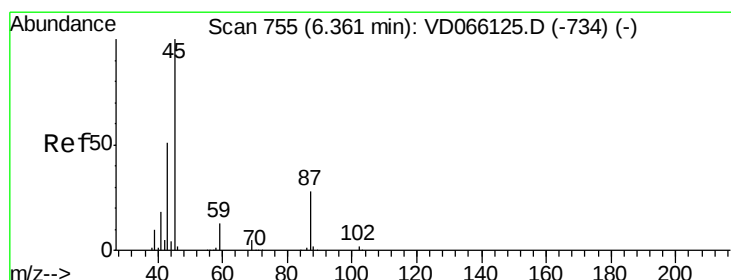
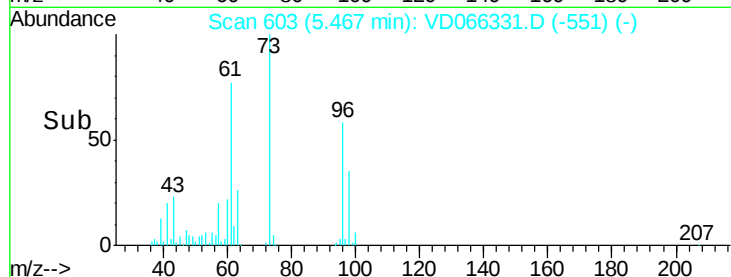
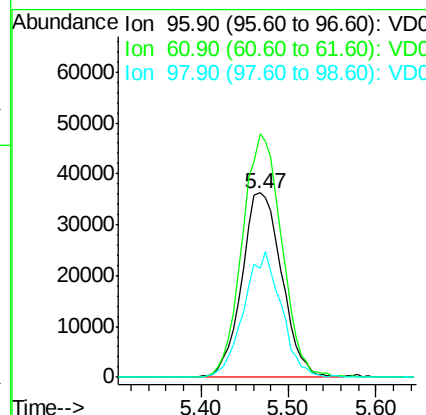
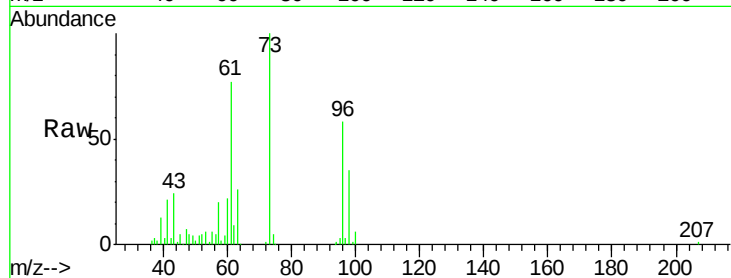
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	112719
Ion	Ratio	Lower	Upper
96	100		
61	131.9	106.9	160.3
98	59.3	53.4	80.0

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#22

Diisopropyl ether

Concen: 48.936 ug/l

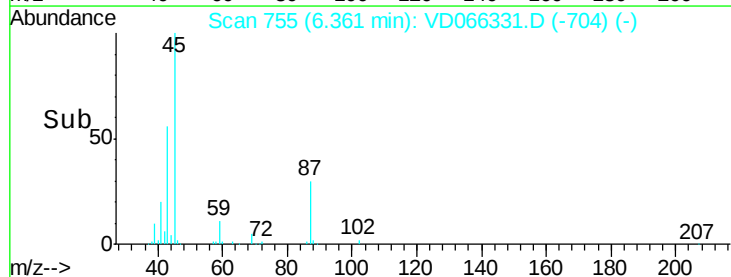
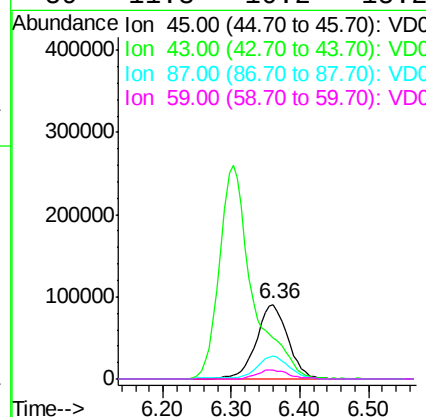
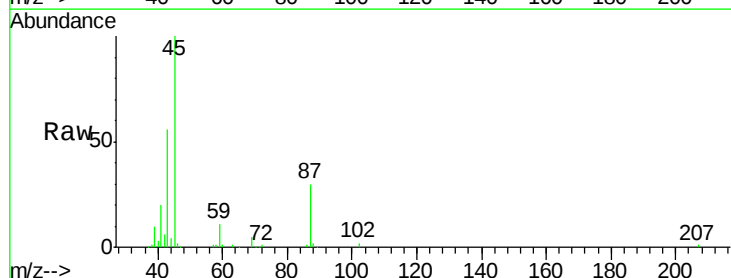
RT: 6.36 min Scan# 755

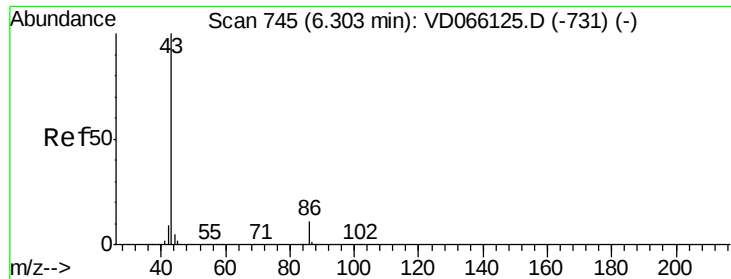
Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Tgt Ion:	45	Resp:	290745
Ion	Ratio	Lower	Upper
45	100		
43	54.7	41.2	61.8
87	30.1	22.8	34.2
59	11.3	10.2	15.2





#23

Vinyl Acetate

Concen: 249.211 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 867423

Ion Ratio Lower Upper

43 100

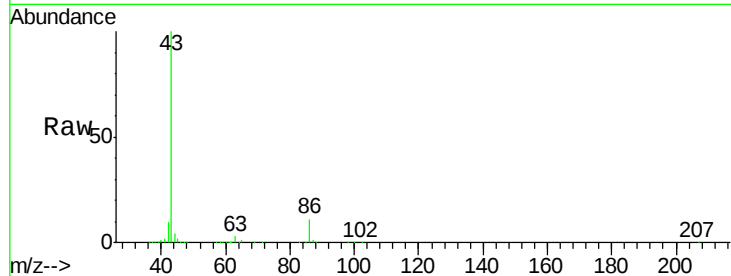
86 11.4 9.1 13.7

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

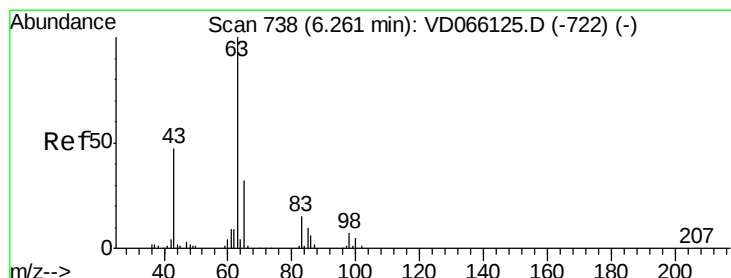
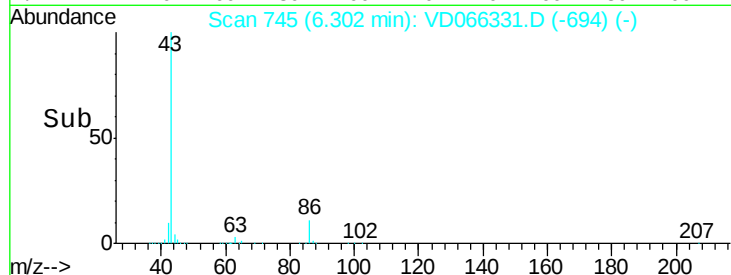
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.050 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

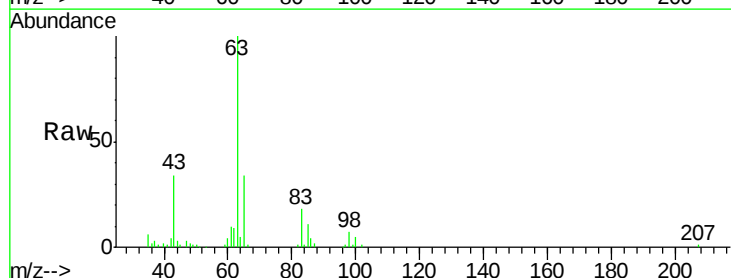
Tgt Ion: 63 Resp: 191381

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 5.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

80000

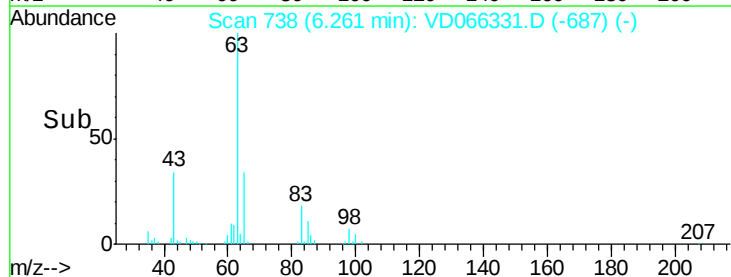
60000

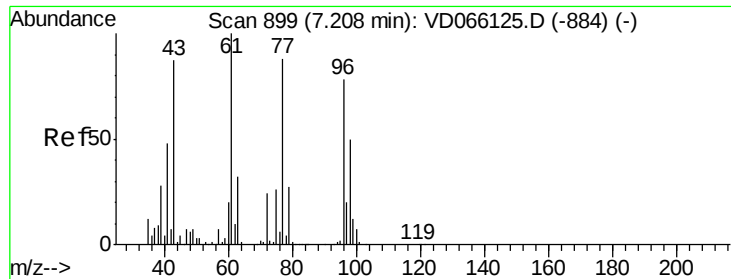
40000

20000

0

Time-->





#25

2-Butanone

Concen: 225.034 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 125466

Ion Ratio Lower Upper

43 100

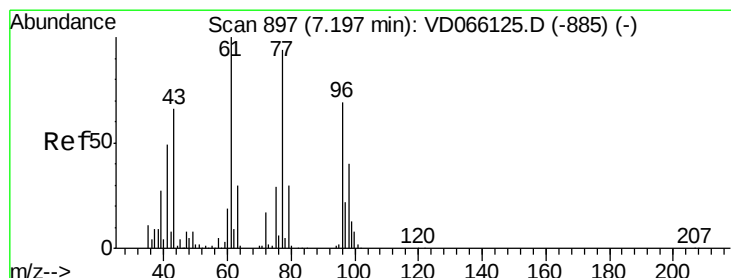
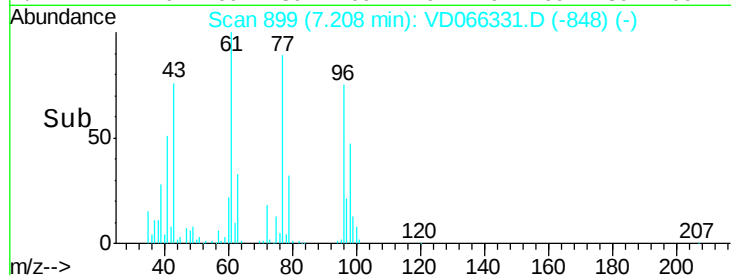
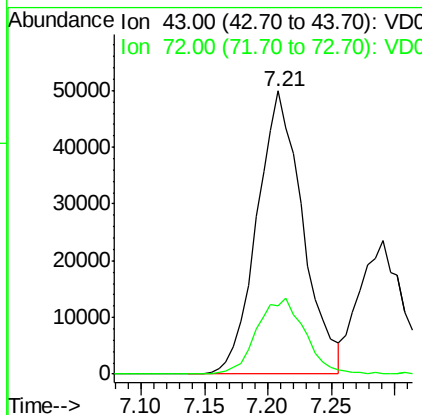
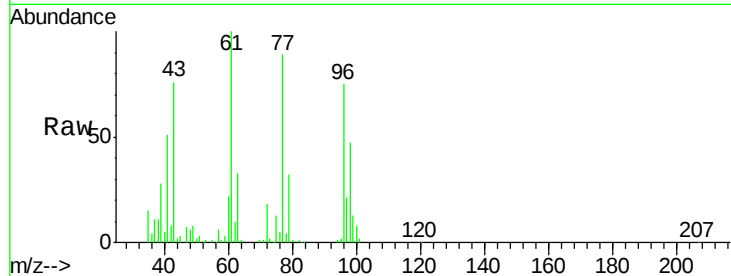
72 24.1 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.185 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066331.D

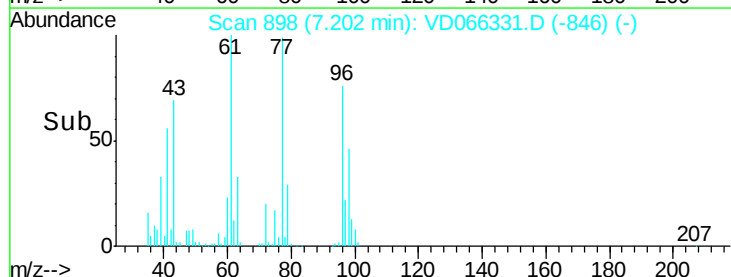
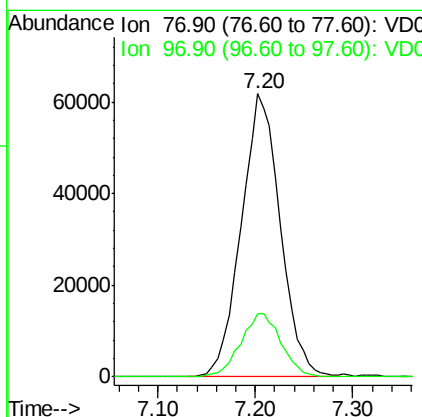
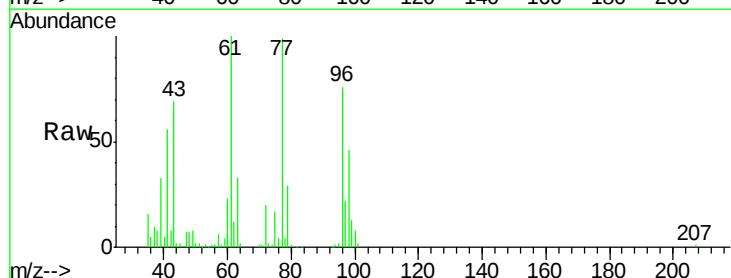
Acq: 19 Aug 2020 22:43

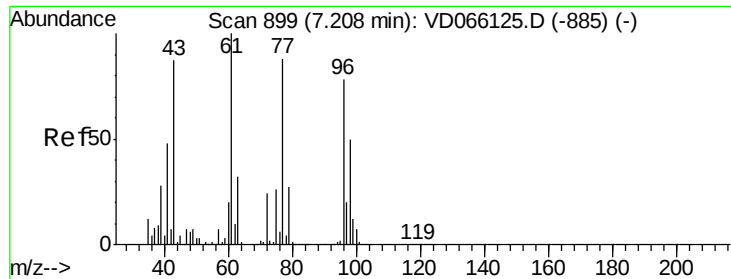
Tgt Ion: 77 Resp: 171974

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.3





#27

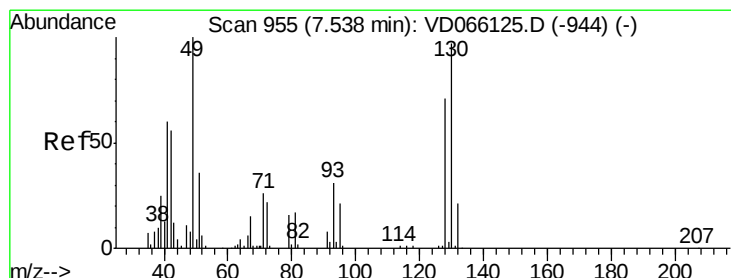
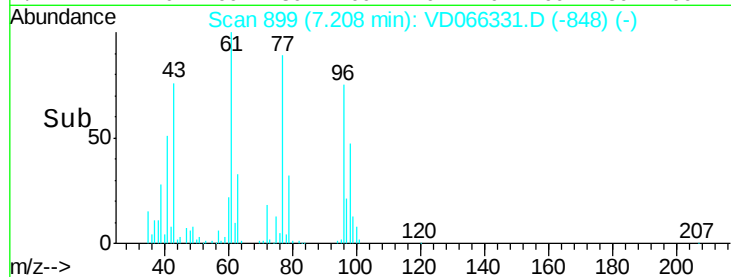
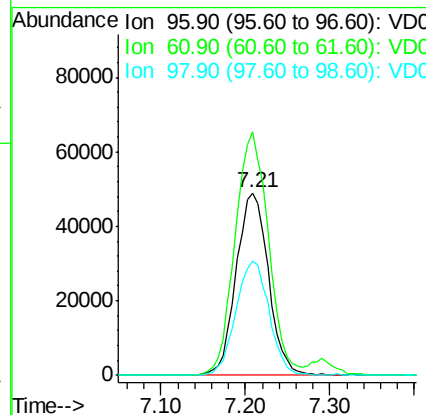
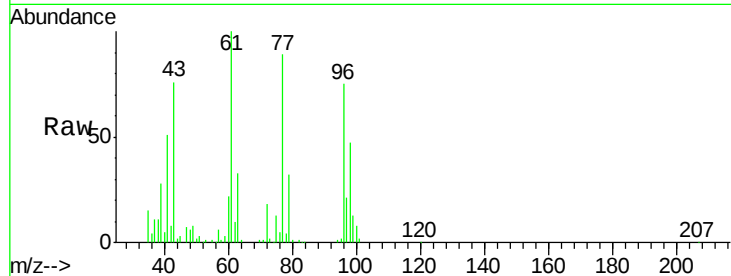
cis-1,2-Dichloroethene
 Concen: 54.212 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	129543		
61	137.9	0.0	281.6	
98	64.1	0.0	130.8	

Manual Integrations
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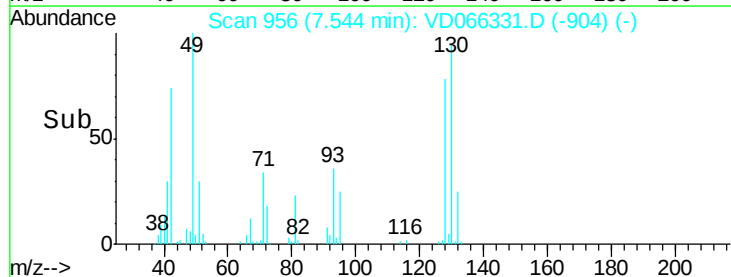
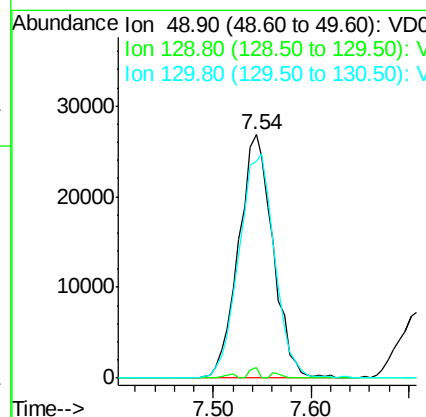
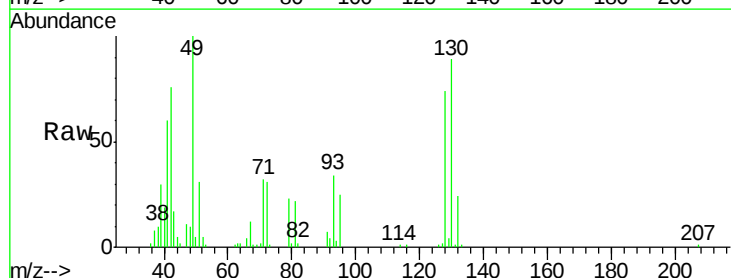
MMDadoda
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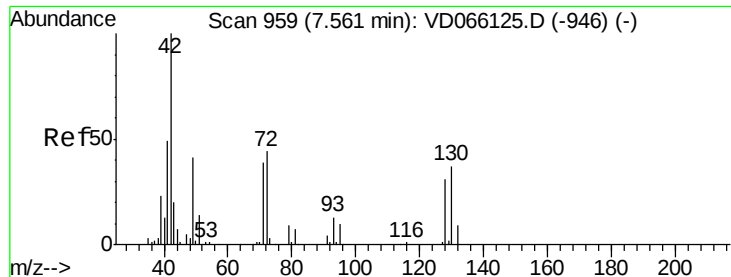


#28

Bromochloromethane
 Concen: 51.136 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	66038		
129	1.1	0.0	6.0	
130	95.8	73.8	110.6	





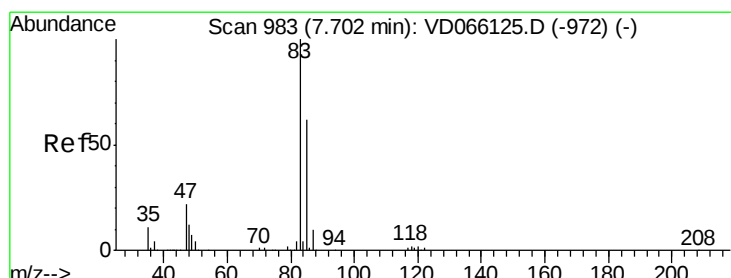
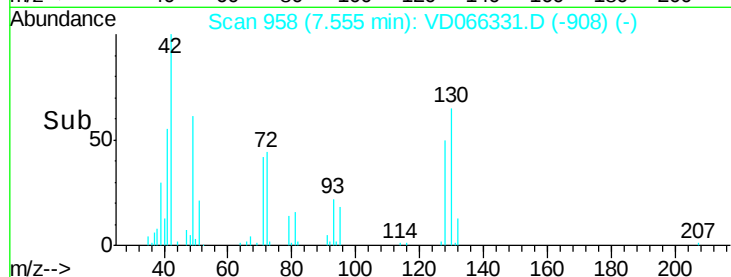
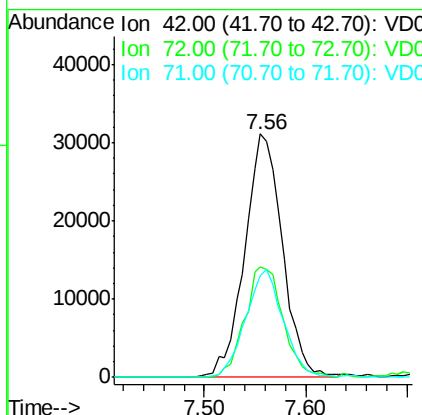
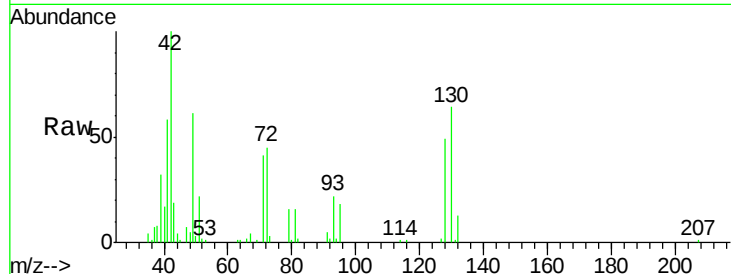
#29
Tetrahydrofuran
Concen: 233.788 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	34.8	52.2
71	44.1	33.5	50.3

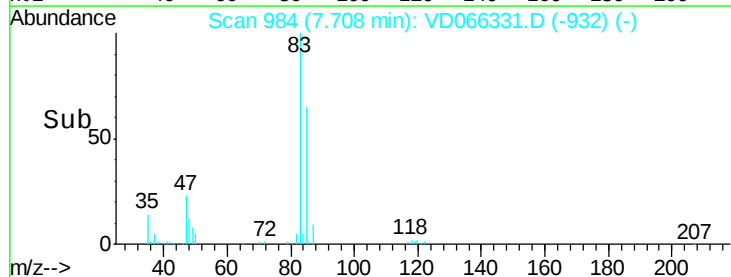
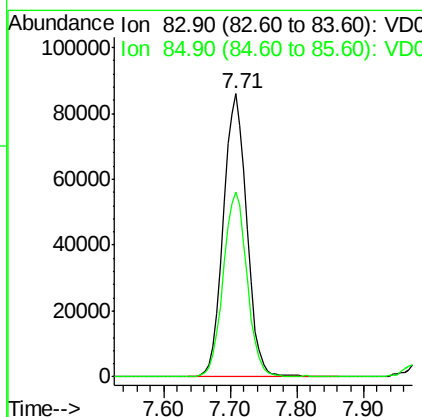
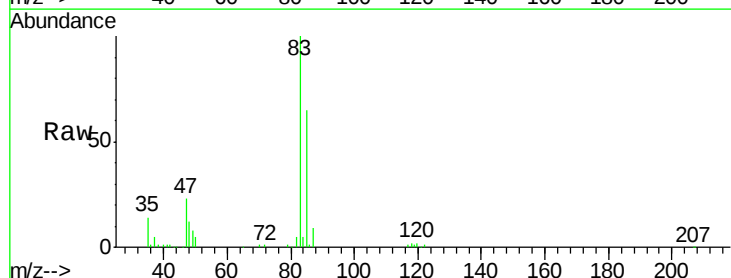
Manual Integrations
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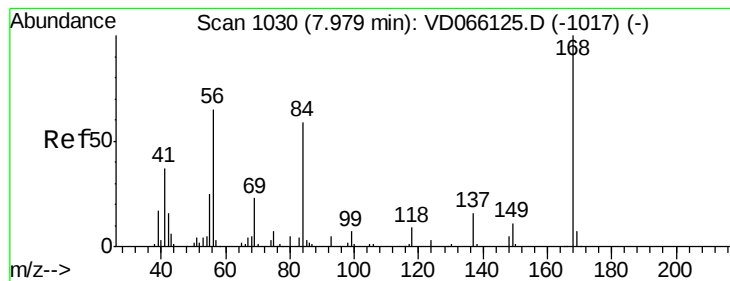
MMDadoda
8/20/2020 3:37:00 PM



#30
Chloroform
Concen: 55.388 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	49.5	74.3





#31

Cyclohexane

Concen: 43.425 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

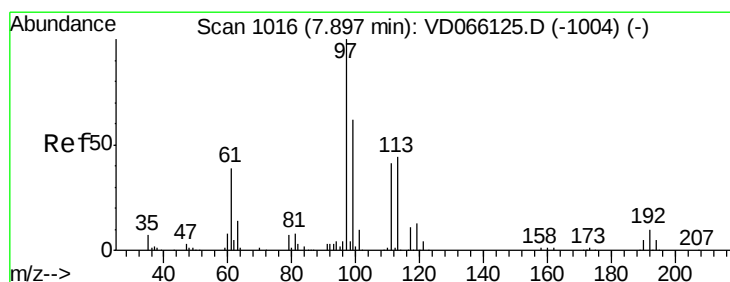
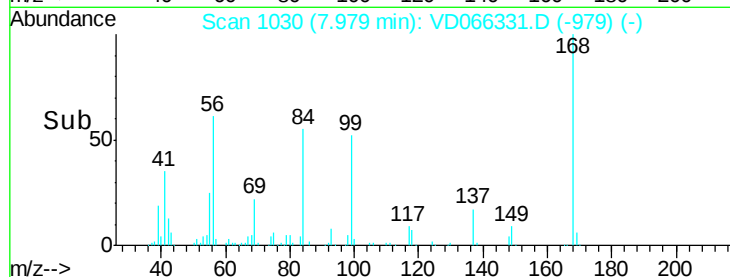
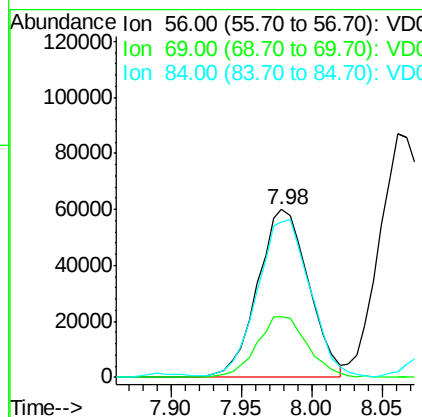
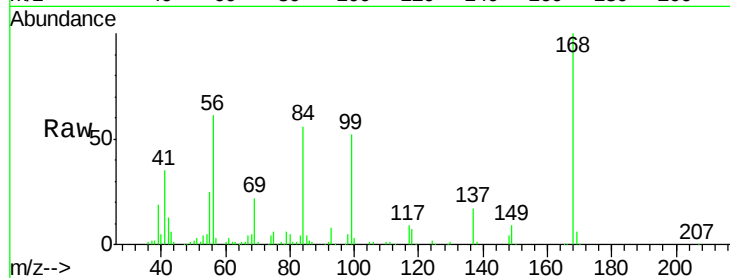
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	151989
Ion	Ratio	Lower	Upper
56	100		
69	36.0	28.8	43.2
84	91.5	73.0	109.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 55.883 ug/l

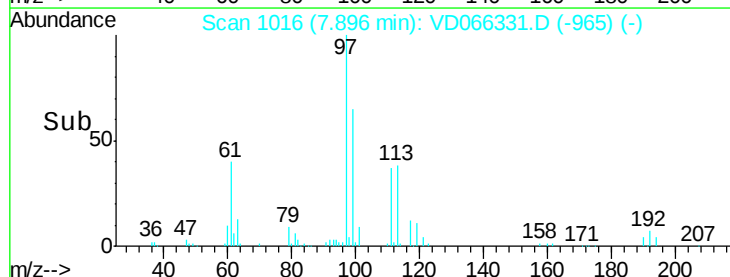
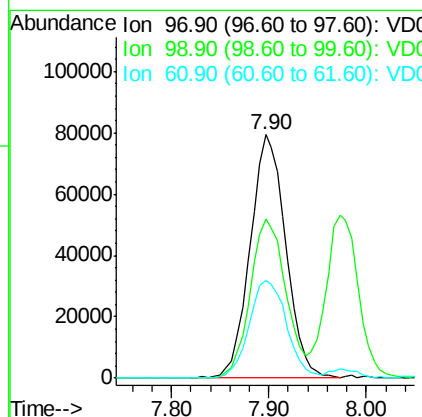
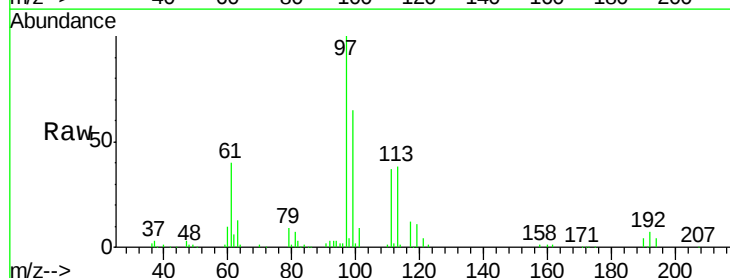
RT: 7.90 min Scan# 1016

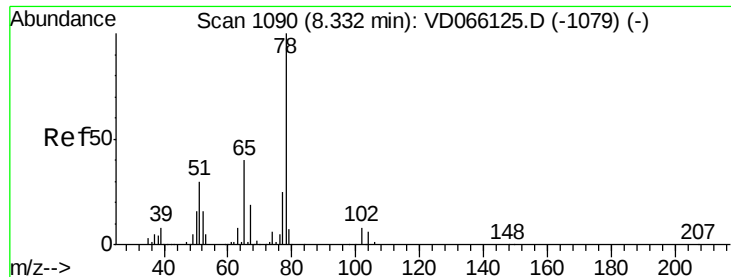
Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Tgt Ion:	97	Resp:	202295
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.1	76.7
61	42.2	32.7	49.1





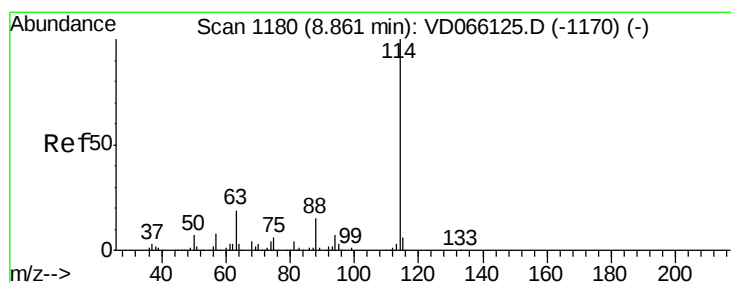
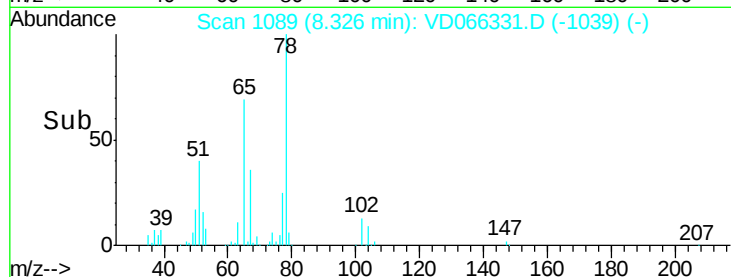
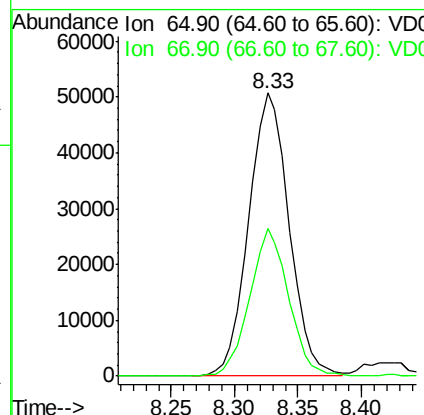
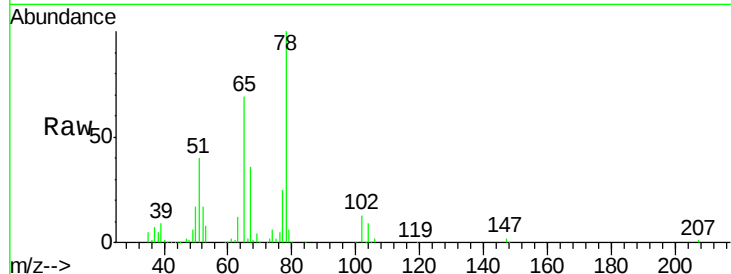
#33
 1,2-Dichloroethane-d4
 Concen: 56.275 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	112427		
67	50.2	0.0	104.6	

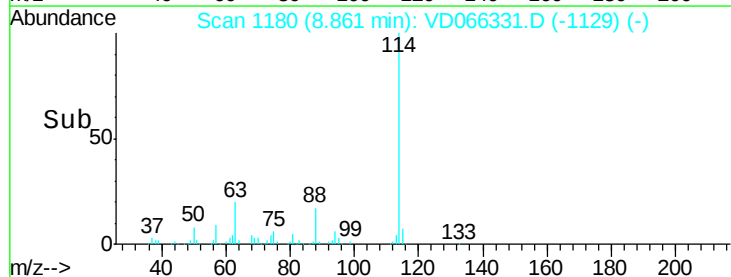
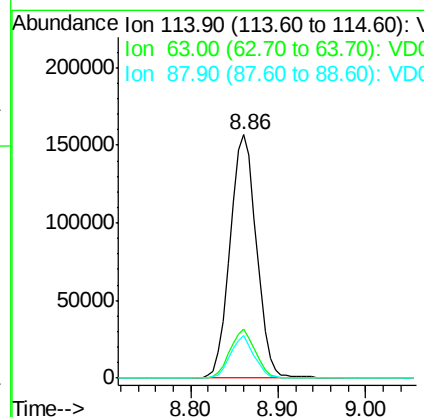
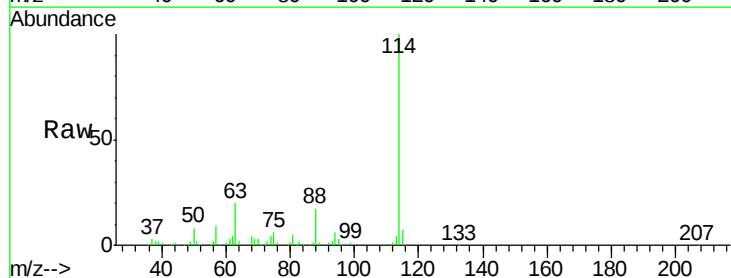
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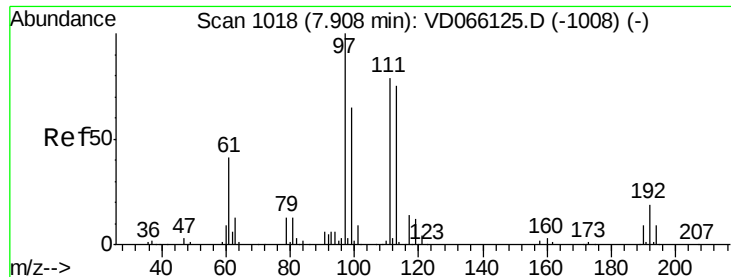
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 8/20/2020 3:37:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	324087		
63	20.3	0.0	38.6	
88	17.3	0.0	30.0	





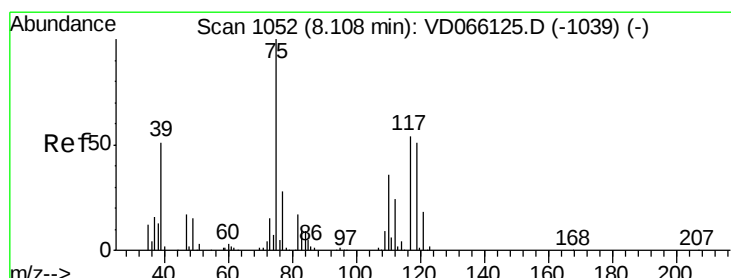
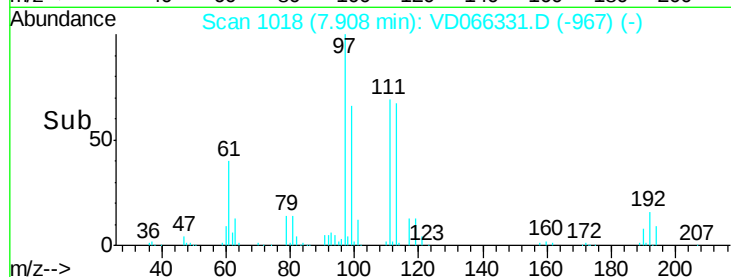
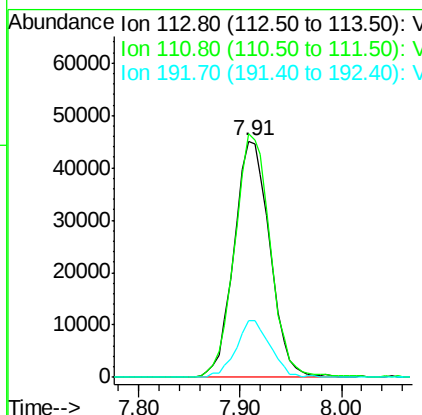
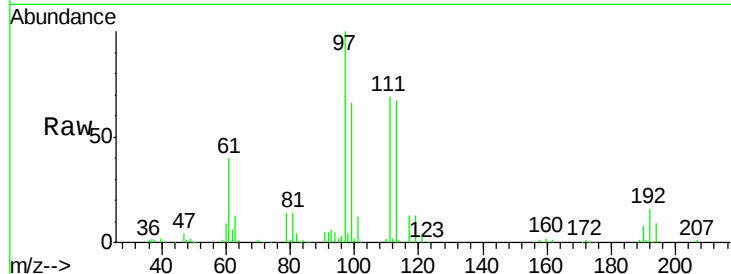
#35
 Dibromofluoromethane
 Concen: 54.026 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110919		
111	101.9	80.7	121.1	
192	23.1	18.4	27.6	

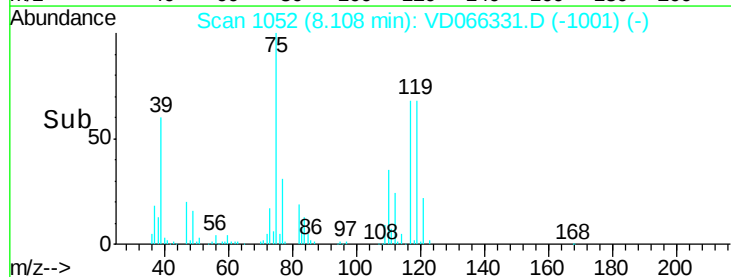
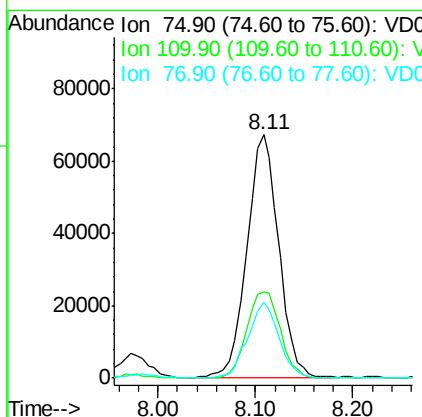
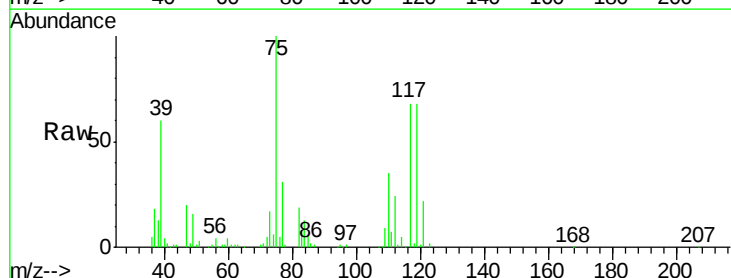
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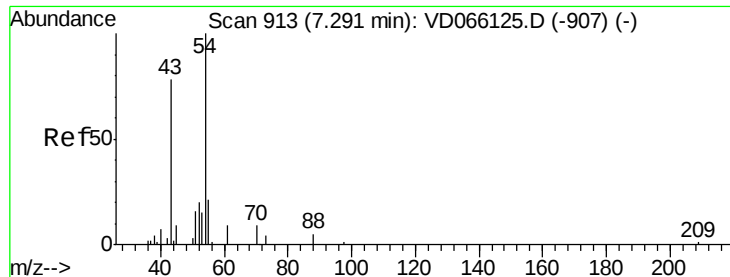
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#36
 1,1-Dichloropropene
 Concen: 50.173 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	152798		
110	37.6	18.8	56.3	
77	31.0	24.2	36.2	





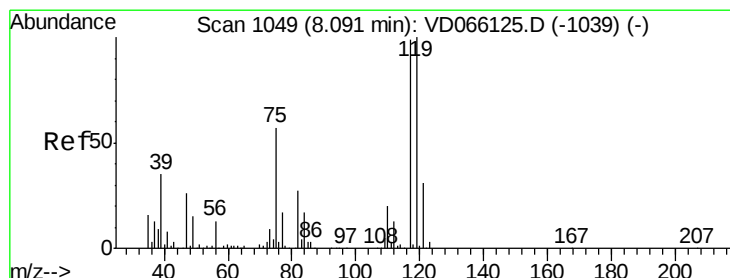
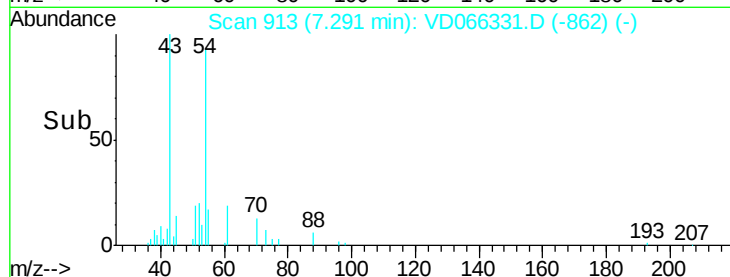
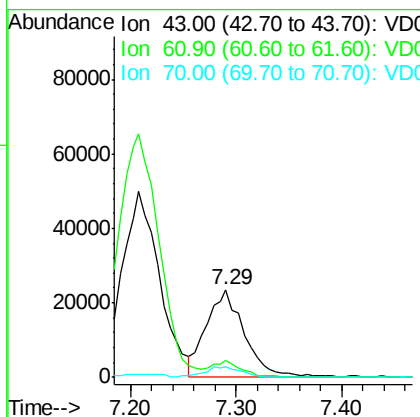
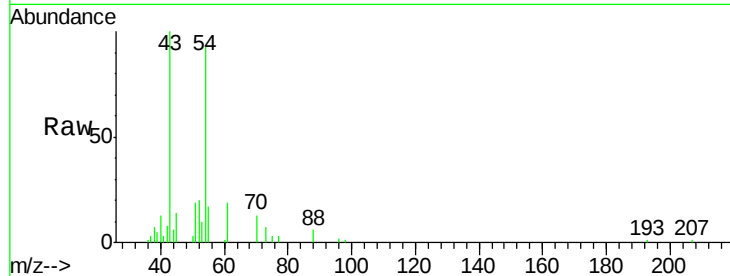
#37
Ethyl Acetate
Concen: 48.031 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.0	18.0
70	11.9	9.7	14.5

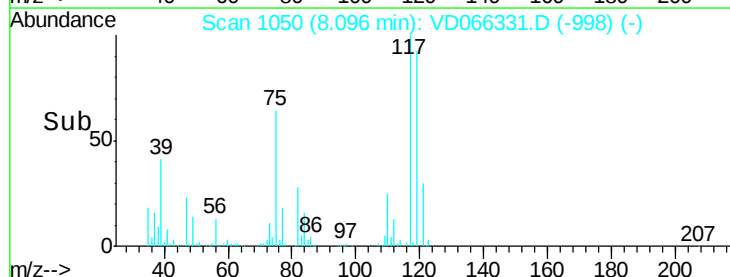
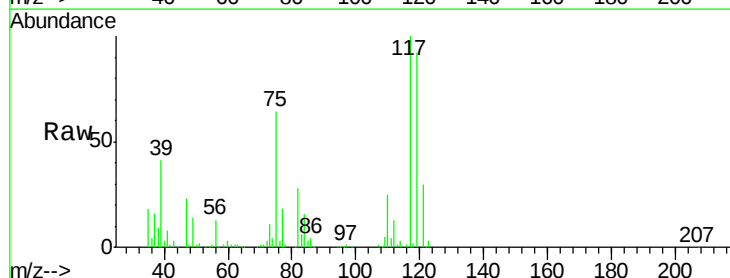
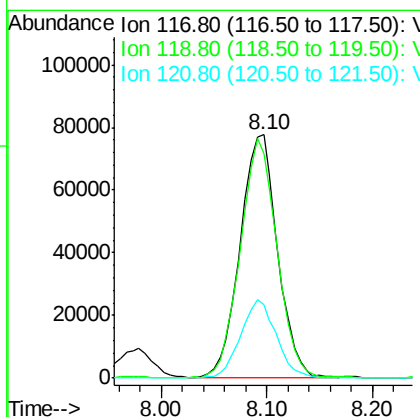
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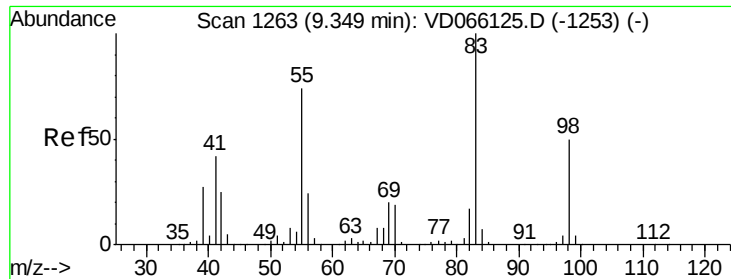
MMDadoda
8/20/2020 3:37:00 PM



#38
Carbon Tetrachloride
Concen: 56.545 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	81.0	121.4
121	29.9	24.8	37.2





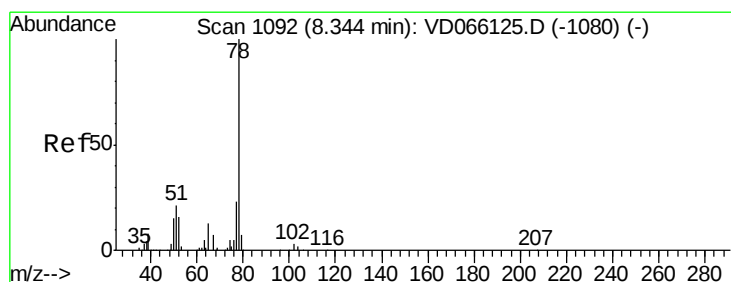
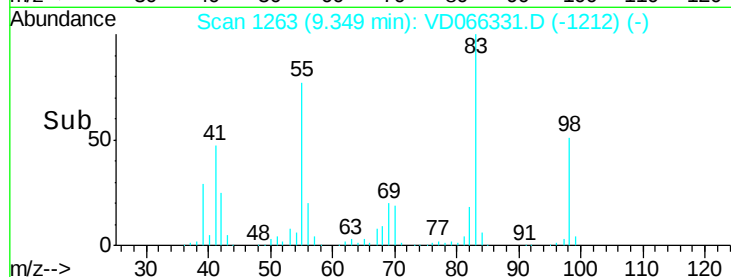
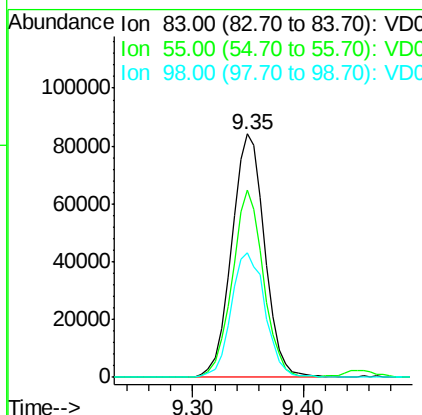
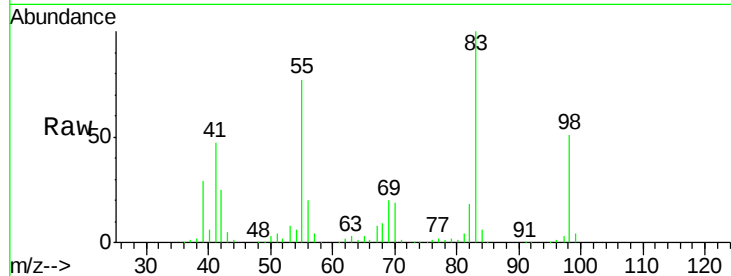
#39
Methvlcvclohexane
Concen: 47.891 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	59.2	88.8
98	51.1	39.8	59.6

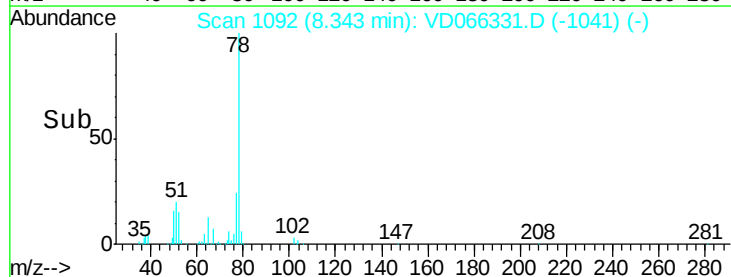
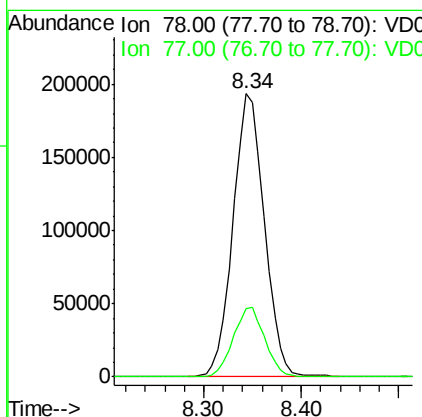
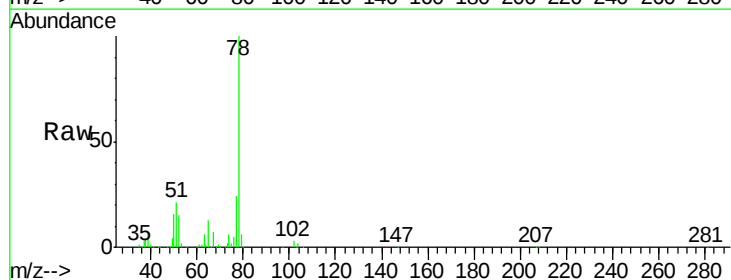
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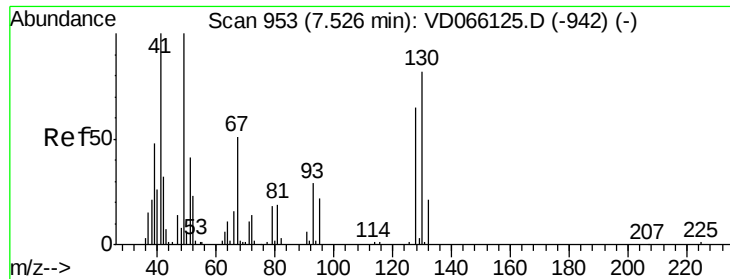
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#40
Benzene
Concen: 51.165 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	27.8





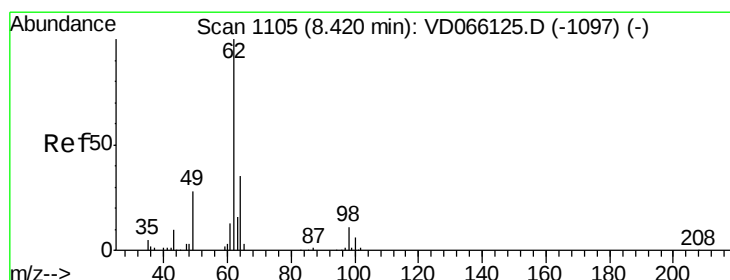
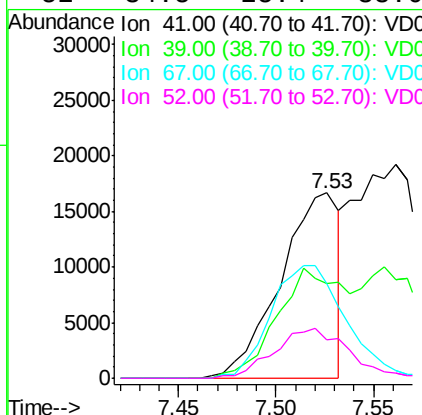
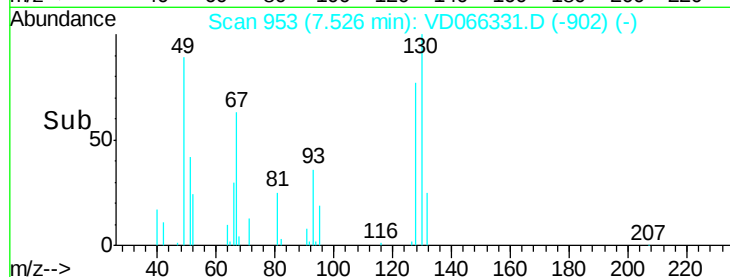
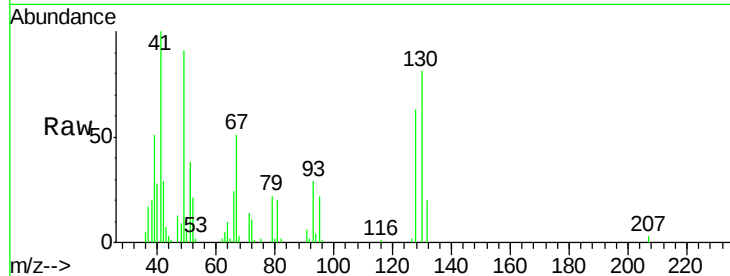
#41
Methacrylonitrile
Concen: 49.107 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	67.2	47.5	71.3	
67	78.0	59.1	88.7	
52	34.5	25.4	38.0	

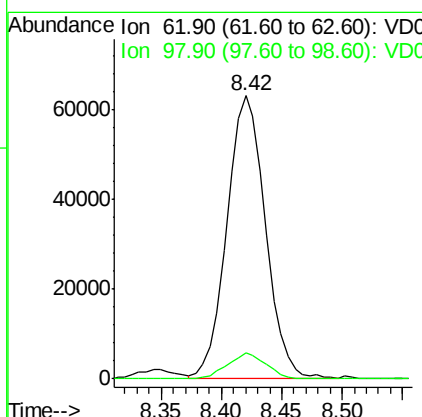
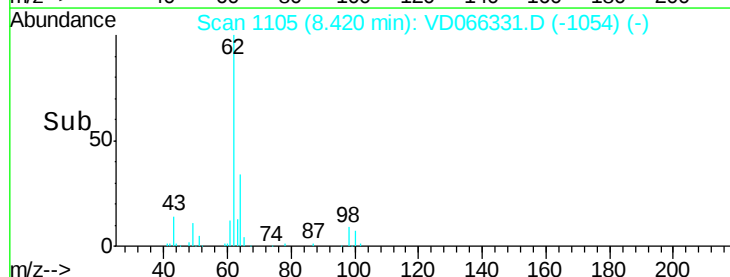
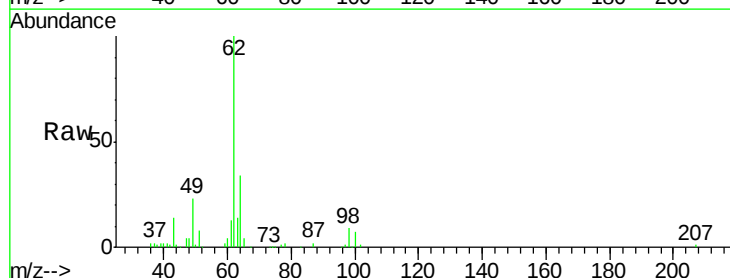
Manual Integrations
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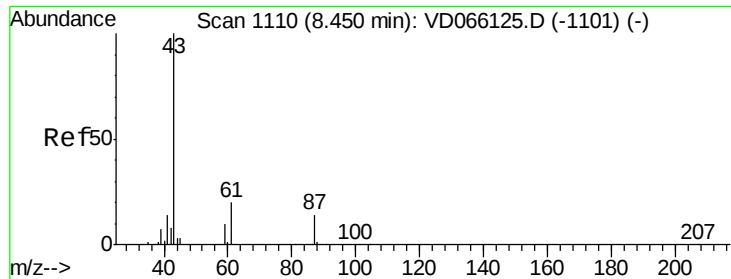
MMDadoda
8/20/2020 3:37:00 PM



#42
1,2-Dichloroethane
Concen: 56.216 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	20.4	





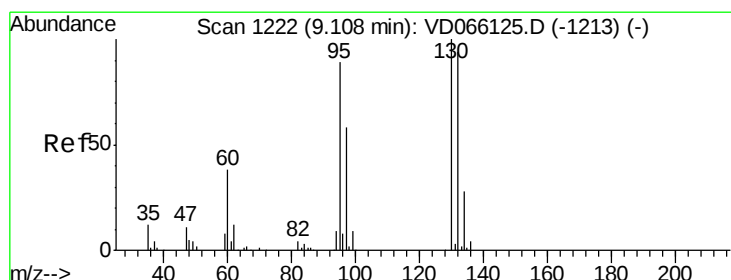
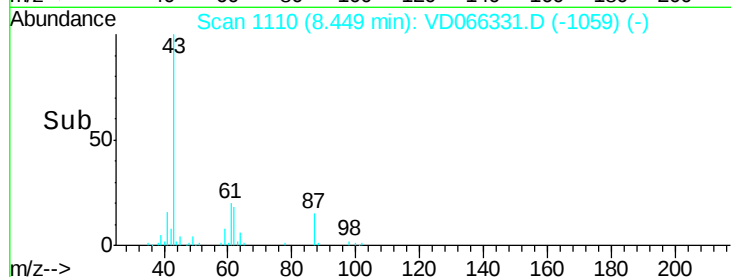
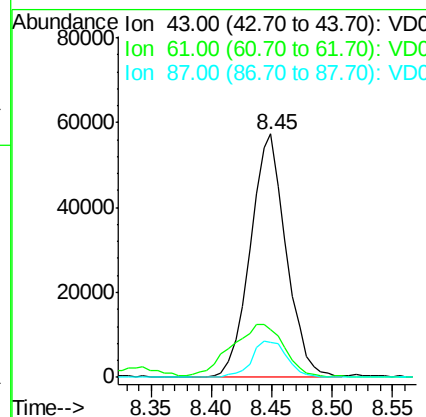
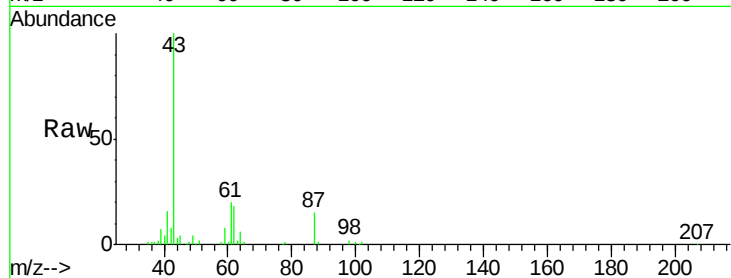
#43
Isopropyl Acetate
Concen: 49.730 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	118231
Ion Ratio	Lower	Upper	
43	100		
61	32.1	25.5	38.3
87	14.8	11.2	16.8

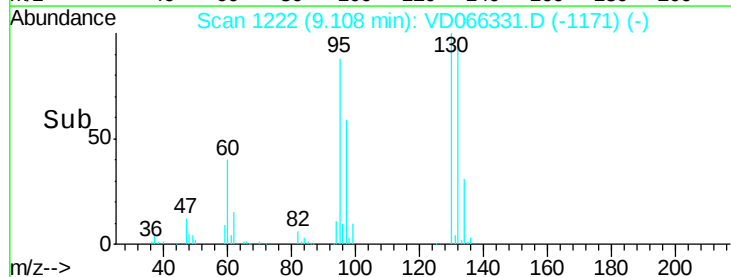
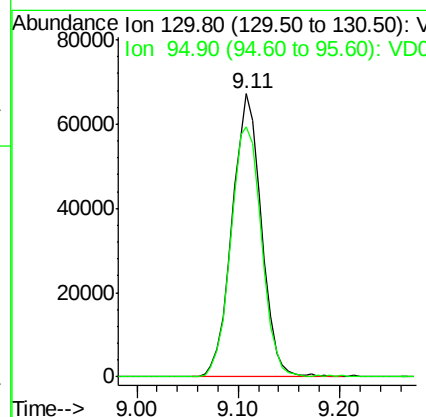
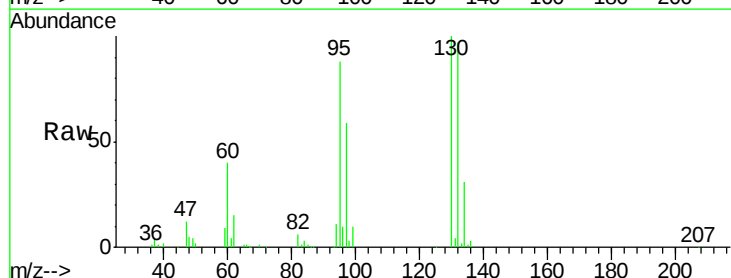
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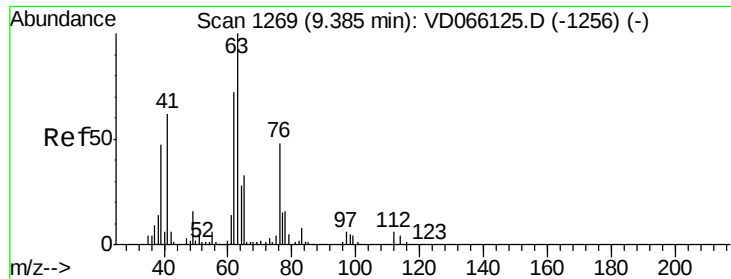
MMDadoda
8/20/2020 3:37:00 PM



#44
Trichloroethene
Concen: 52.700 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	130	Resp	134161
Ion Ratio	Lower	Upper	
130	100		
95	88.3	0.0	178.4





#45

1,2-Dichloropropane

Concen: 51.416 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 106237

Ion Ratio Lower Upper

63 100

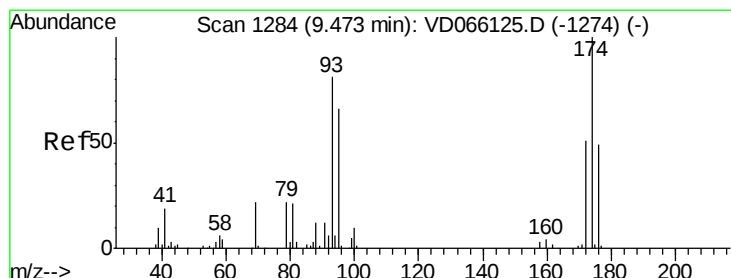
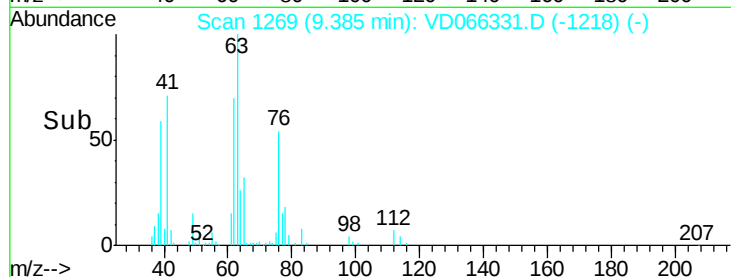
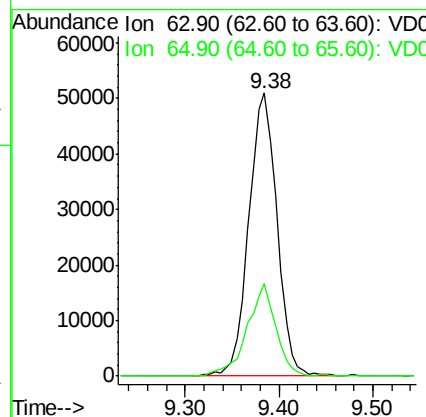
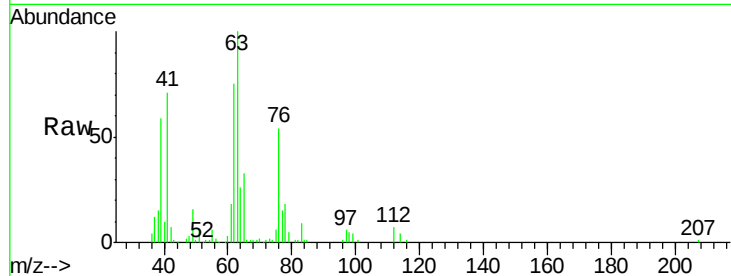
65 32.8 26.5 39.7

Manual Integrations

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MMDadoda

8/20/2020 3:37:00 PM



#46

Dibromomethane

Concen: 52.917 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

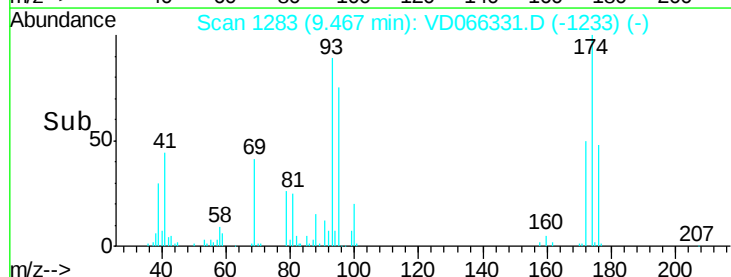
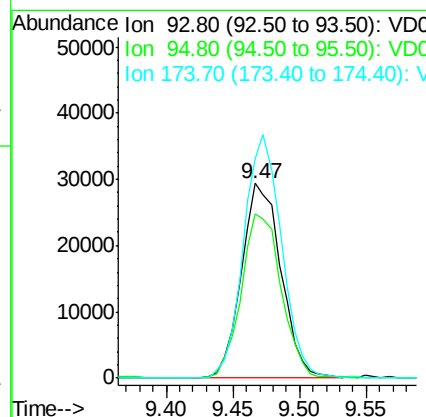
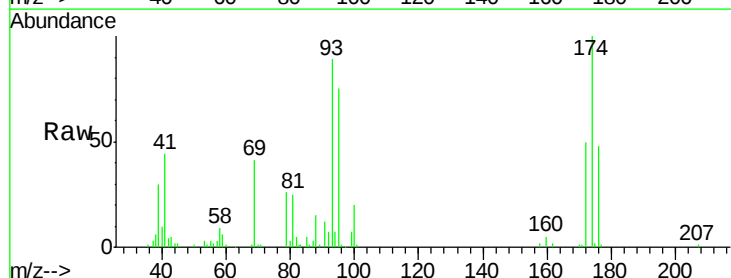
Tgt Ion: 93 Resp: 60226

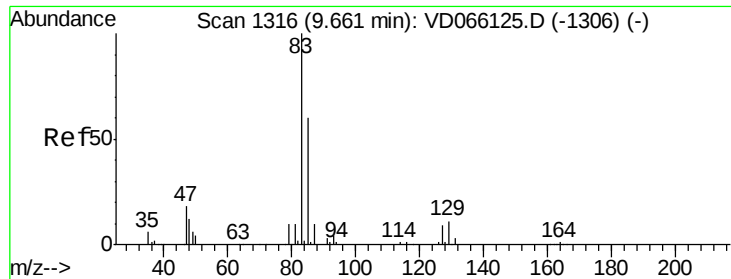
Ion Ratio Lower Upper

93 100

95 85.6 65.8 98.6

174 119.8 92.8 139.2





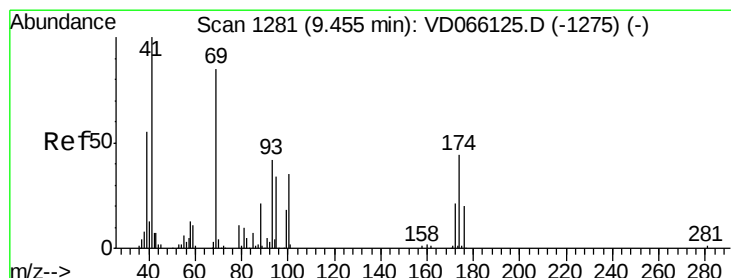
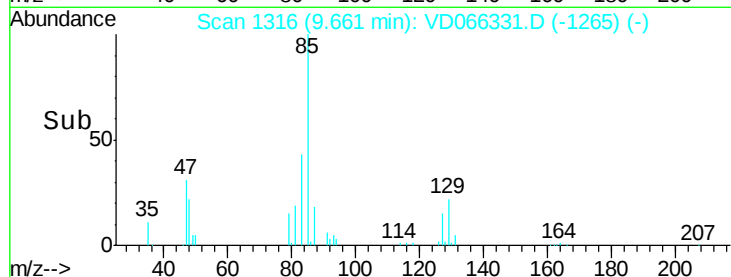
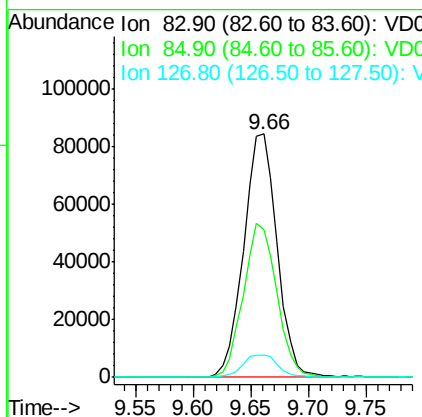
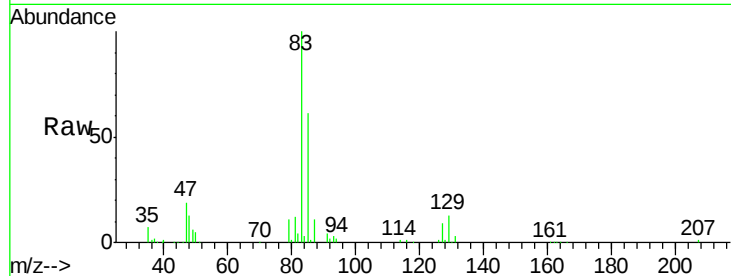
#47
Bromodichloromethane
Concen: 56.625 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	170331
Ion Ratio	100	Lower	Upper
83	100		
85	60.7	48.2	72.4
127	9.1	7.3	10.9

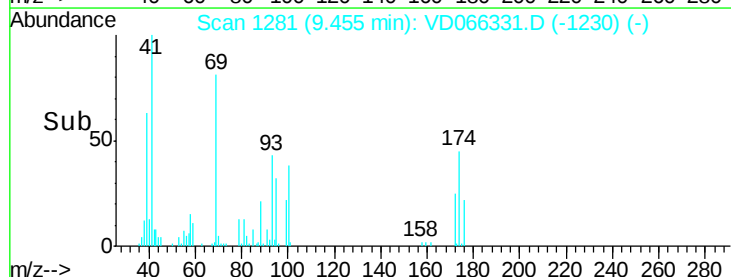
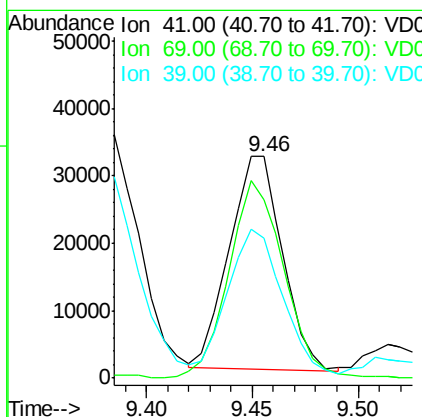
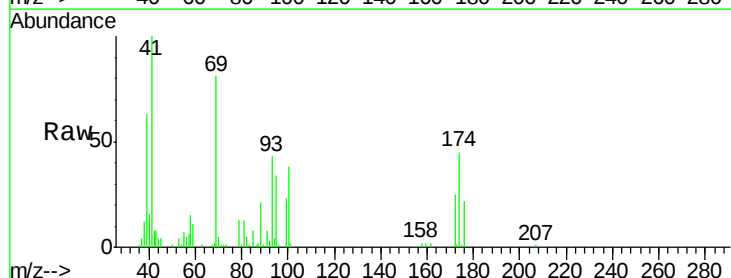
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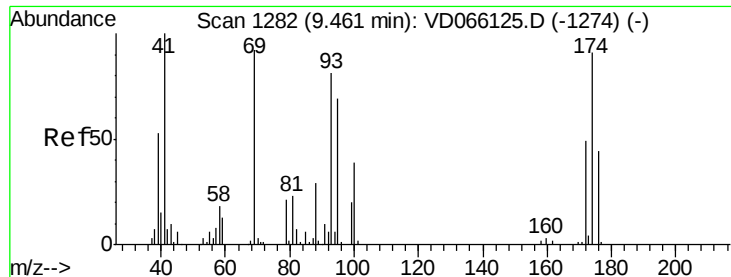
MMDadoda
8/20/2020 3:37:00 PM



#48
Methyl methacrylate
Concen: 45.455 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	41	Resp	55181
Ion Ratio	100	Lower	Upper
41	100		
69	96.5	63.9	95.9#
39	74.4	42.6	64.0#





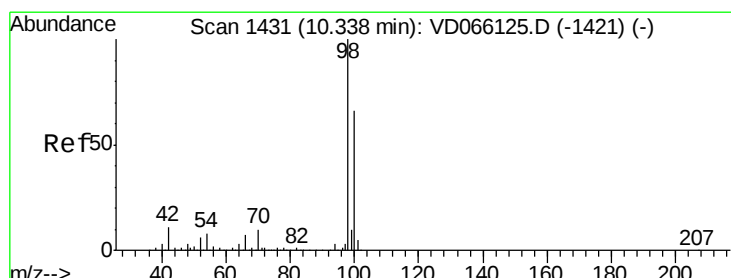
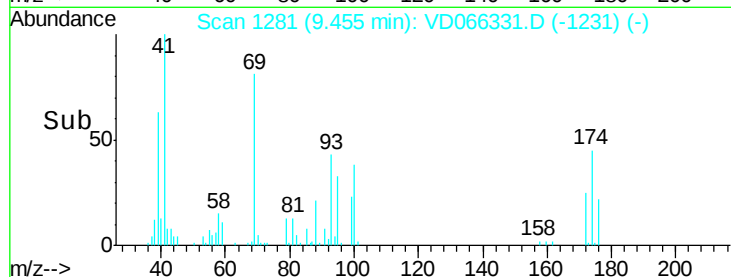
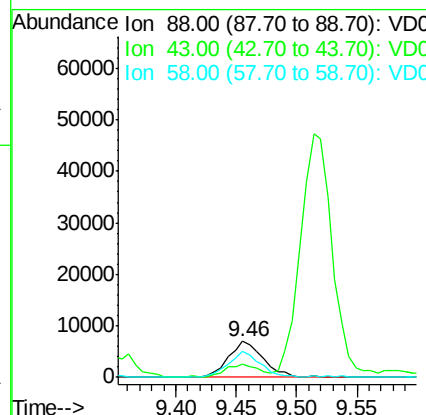
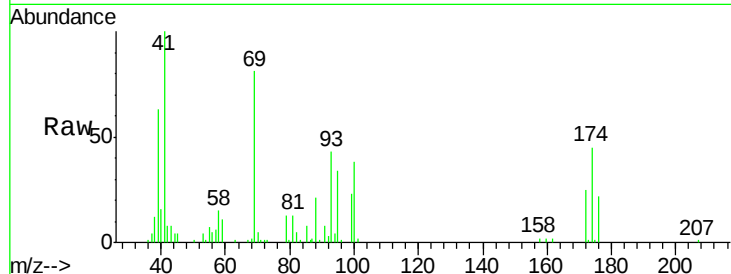
#49
1,4-Dioxane
Concen: 954.582 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	27.5	41.3
58	67.6	50.2	75.4

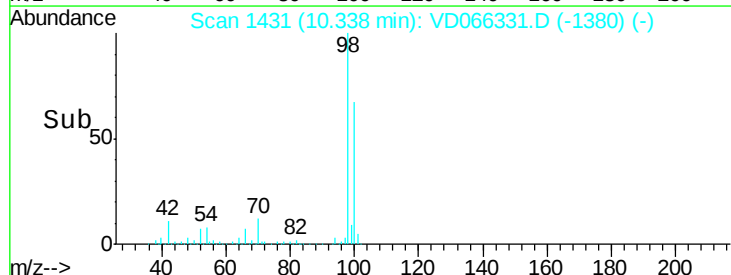
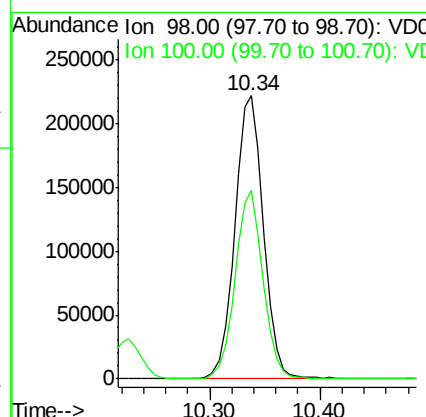
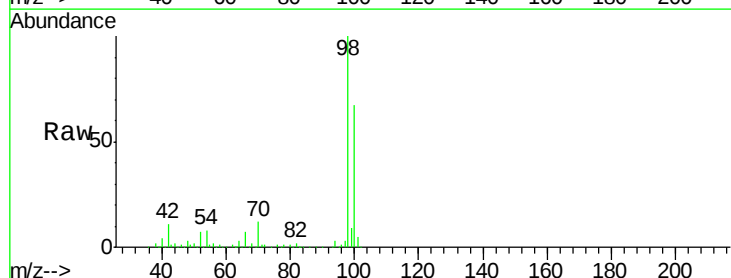
Manual Integrations
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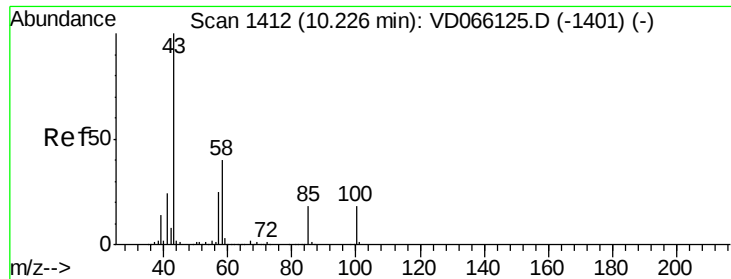
MMDadoda
8/20/2020 3:37:00 PM



#50
Toluene-d8
Concen: 52.833 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8





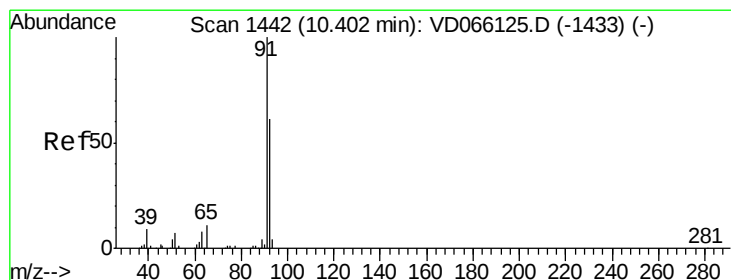
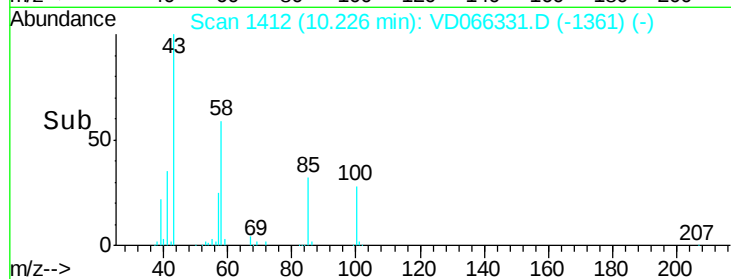
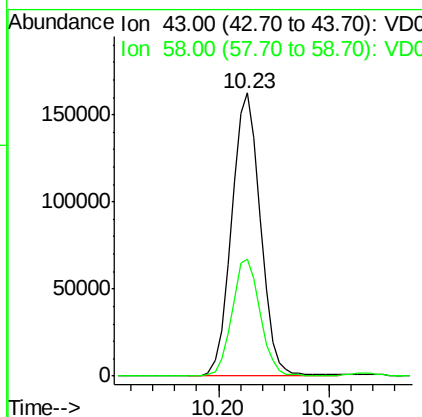
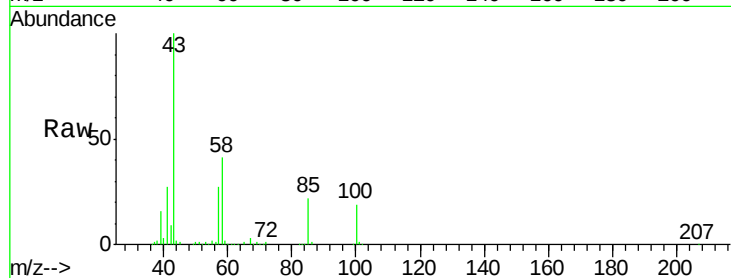
#51
4-Methyl-2-Pentanone
Concen: 244.013 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	297987
Ion Ratio	43	100	
Lower	58	40.3	31.1
Upper			46.7

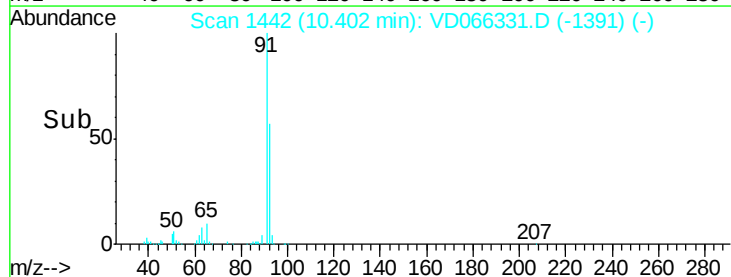
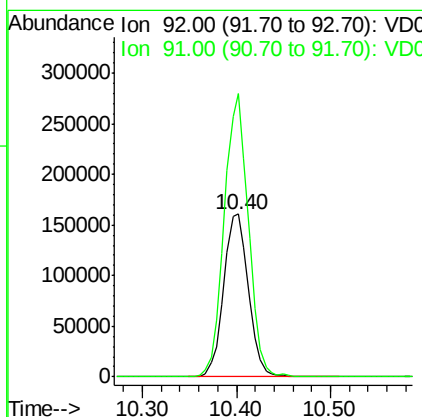
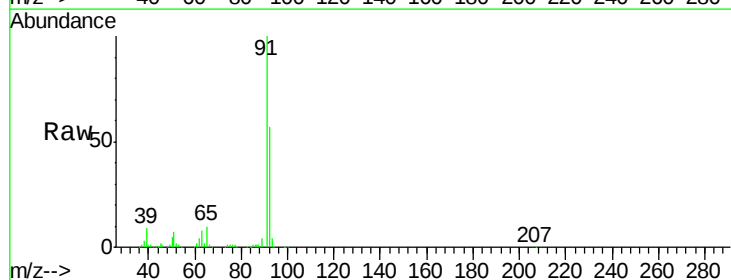
Manual Integrations
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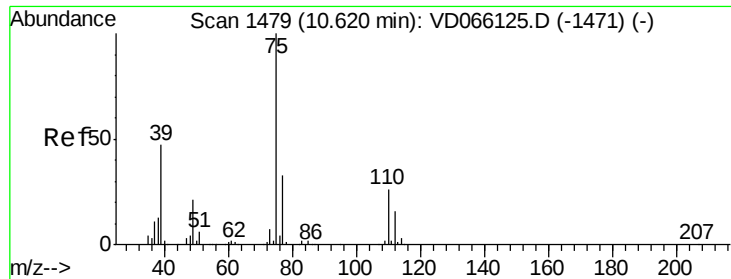
MMDadoda
8/20/2020 3:37:00 PM



#52
Toluene
Concen: 53.152 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	92	Resp	295477
Ion Ratio	92	100	
Lower	91	169.2	135.2
Upper			202.8





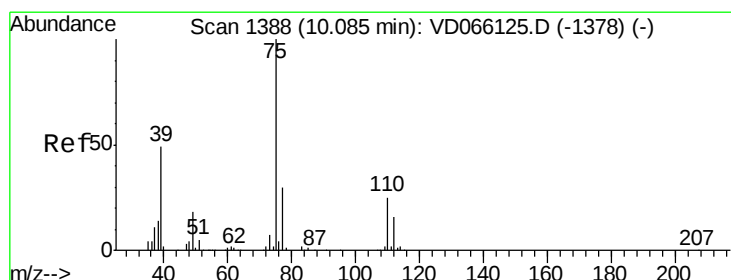
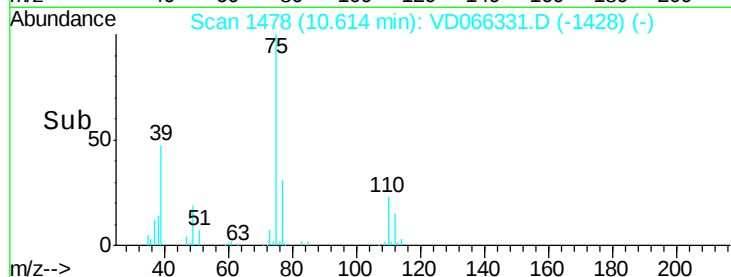
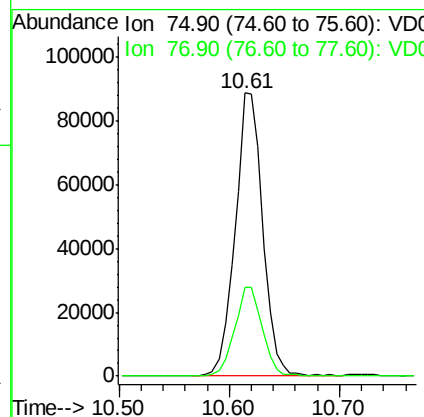
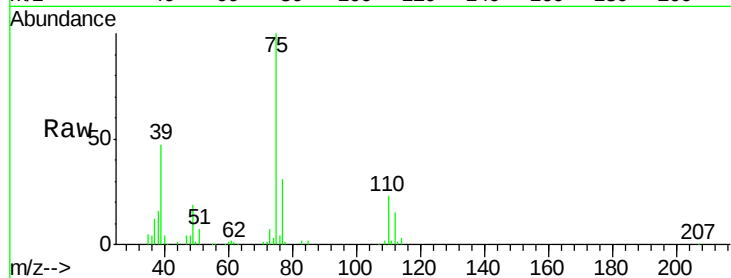
#53
 t-1,3-Dichloropropene
 Concen: 54.581 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 155810
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.2

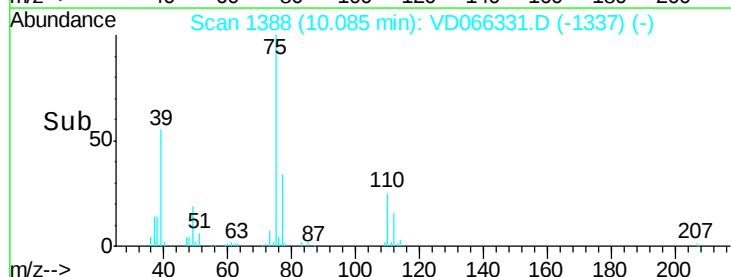
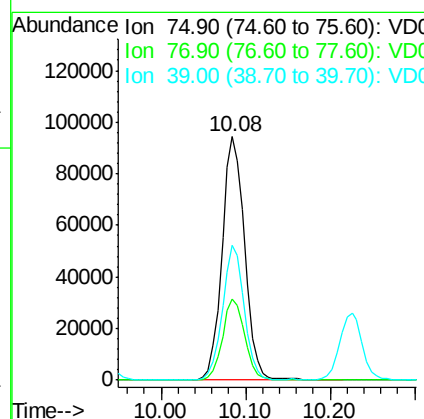
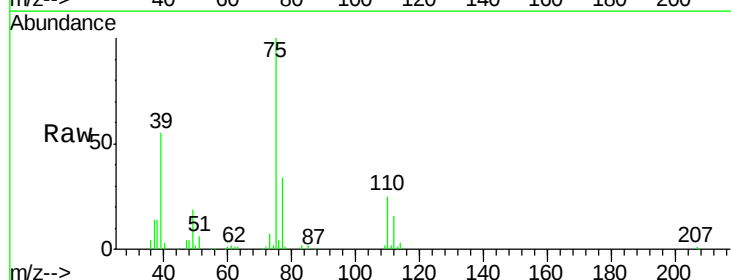
Manual Integrations
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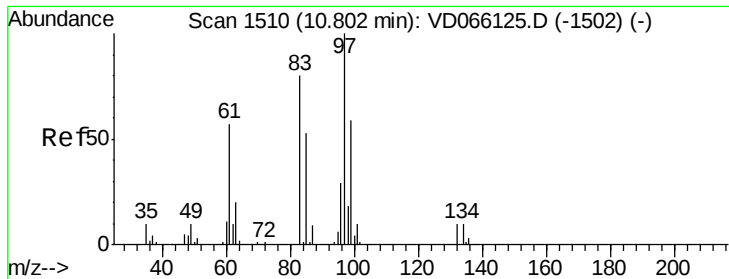
MMDadoda
 8/20/2020 3:37:00 PM



#54
 cis-1,3-Dichloropropene
 Concen: 52.448 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Tgt Ion: 75 Resp: 175419
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.3 36.5
 39 55.3 39.3 58.9





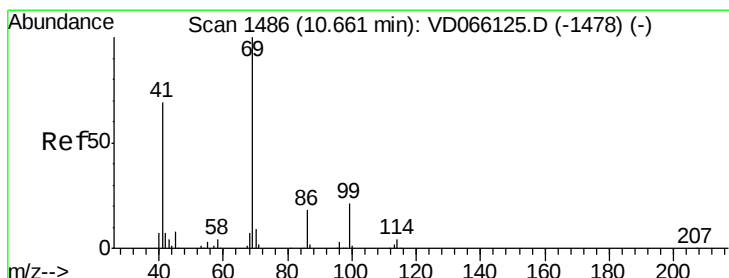
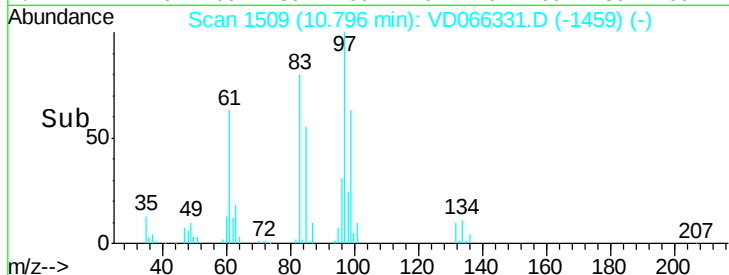
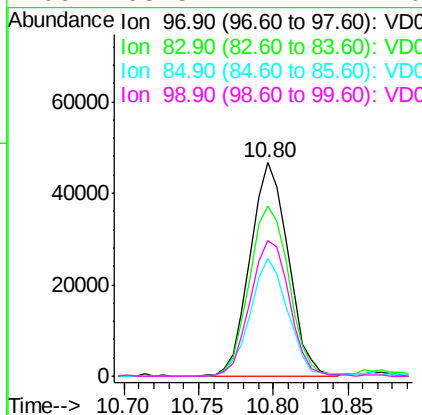
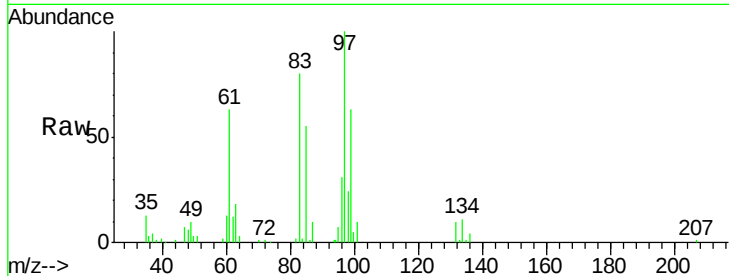
#55
 1,1,2-Trichloroethane
 Concen: 50.582 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	82897
Ion	Ratio	Lower	Upper
97	100		
83	79.6	63.9	95.9
85	54.9	42.5	63.7
99	63.5	47.4	71.0

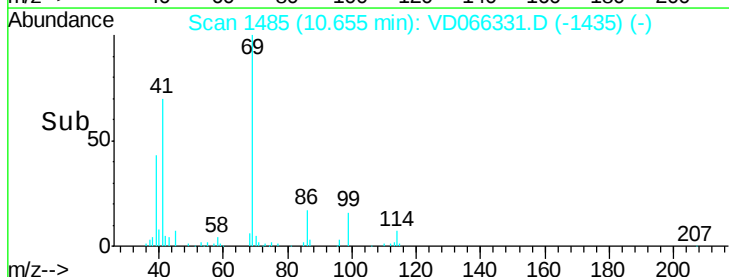
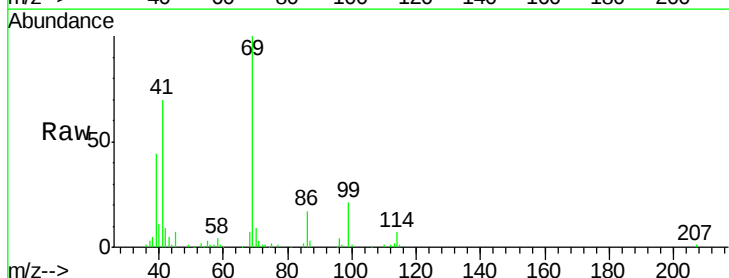
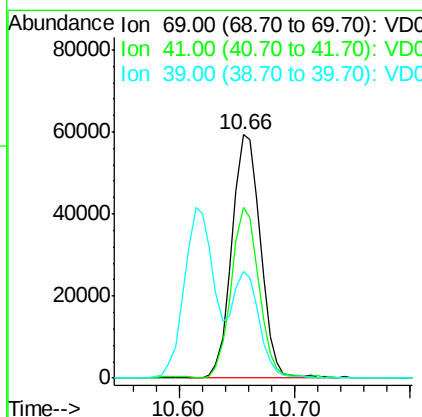
Manual Integrations
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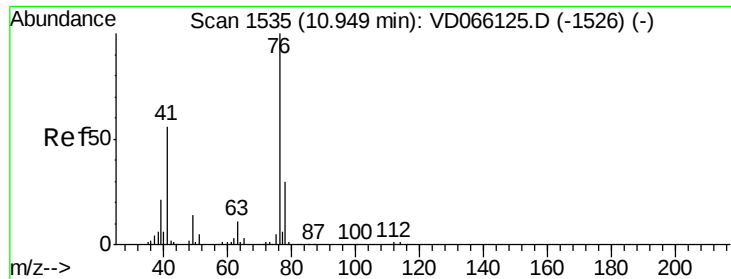
MMDadoda
 8/20/2020 3:37:00 PM



#56
 Ethyl methacrylate
 Concen: 52.046 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Tgt Ion:	69	Resp:	102464
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.1	81.1
39	41.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 52.663 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 143281

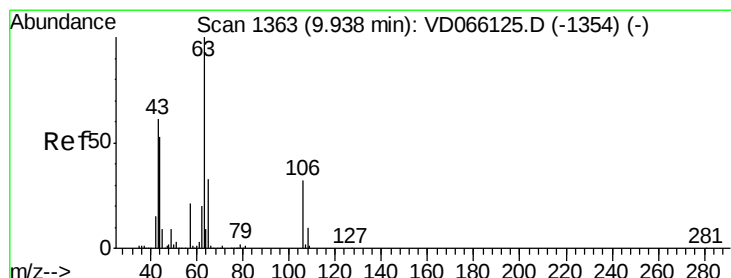
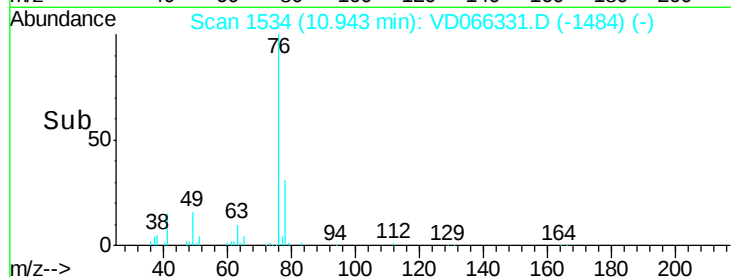
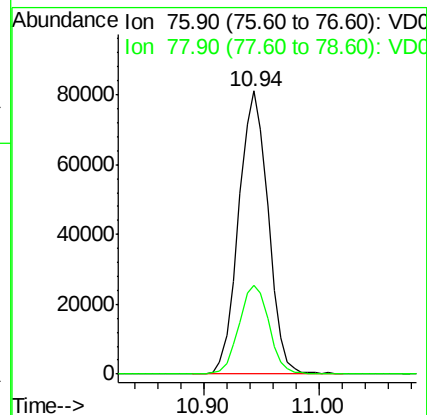
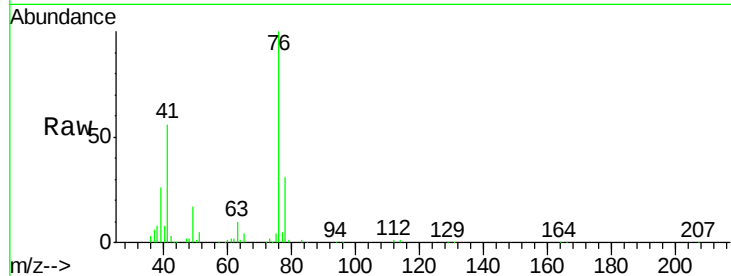
Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 271.019 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066331.D

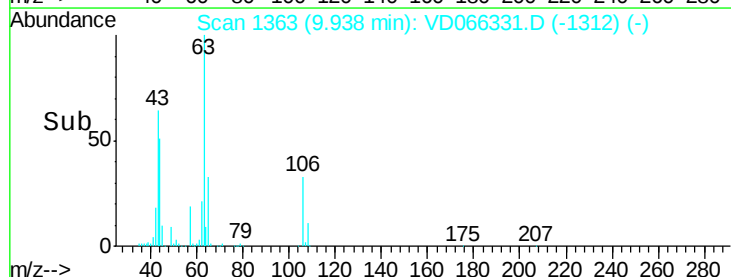
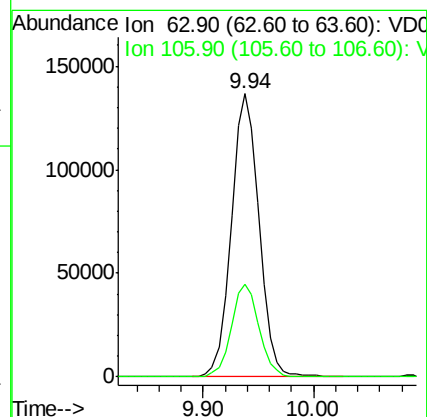
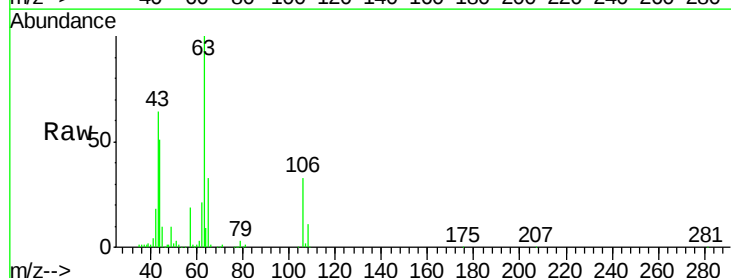
Acq: 19 Aug 2020 22:43

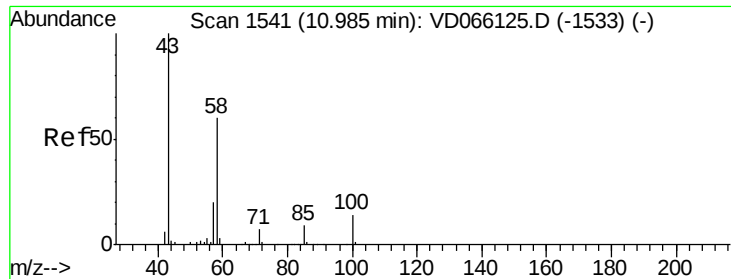
Tgt Ion: 63 Resp: 240005

Ion Ratio Lower Upper

63 100

106 32.6 25.3 37.9





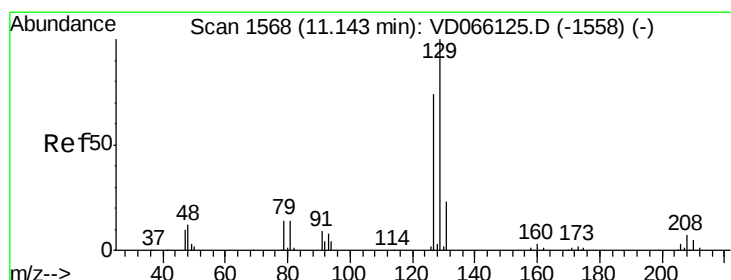
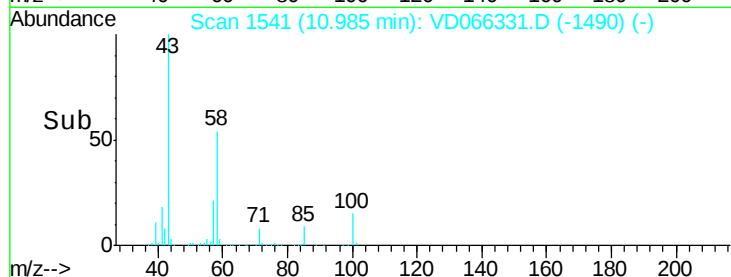
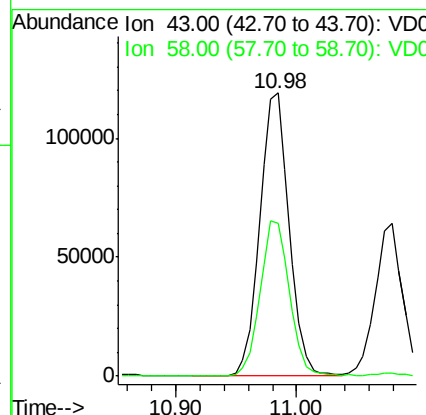
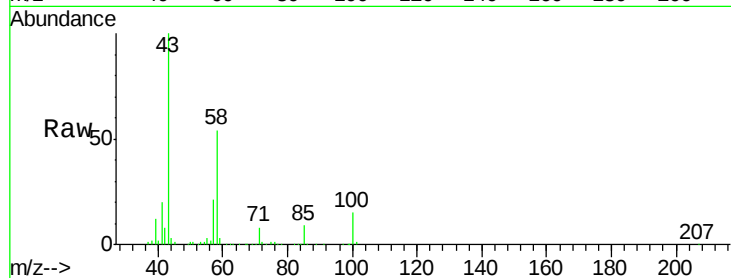
#59
2-Hexanone
Concen: 235.027 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	201431
Ion Ratio	Lower	Upper	
43	100		
58	55.2	27.8	83.4

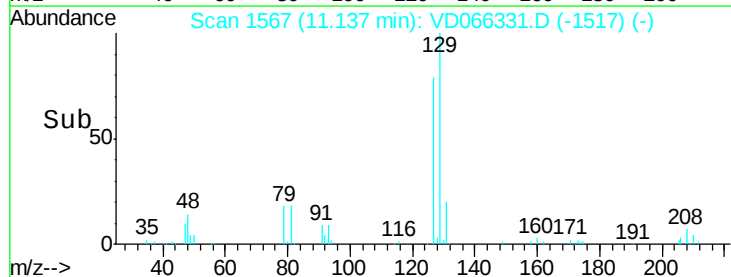
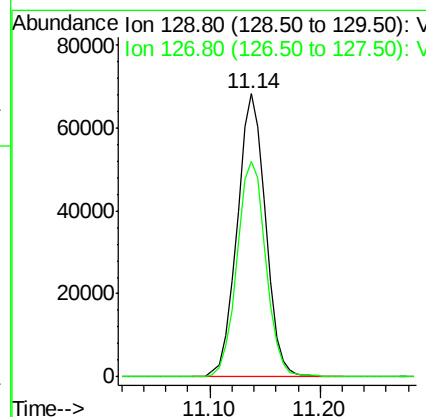
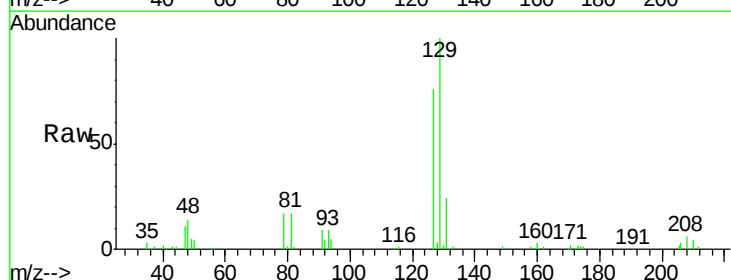
Manual Integrations
APPROVED

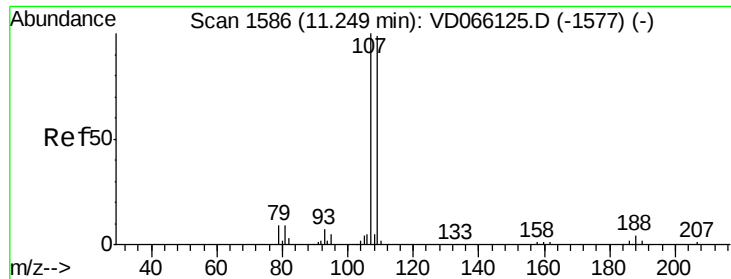
MMDadoda
8/20/2020 3:37:00 PM



#60
Dibromochloromethane
Concen: 54.263 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	129	Resp	122774
Ion Ratio	Lower	Upper	
129	100		
127	77.7	38.0	114.1





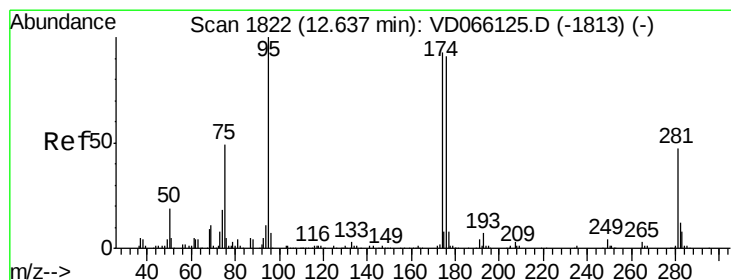
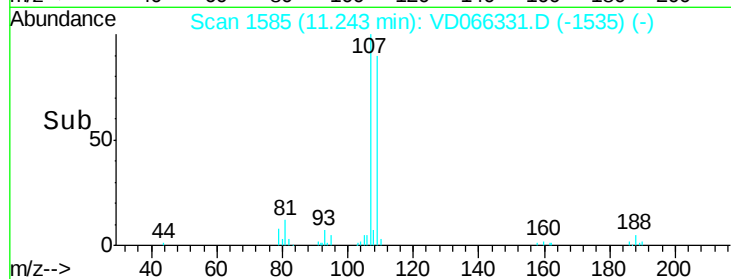
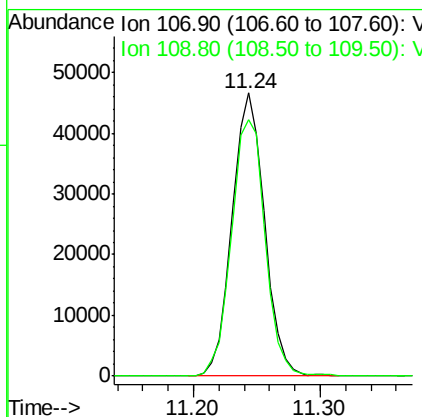
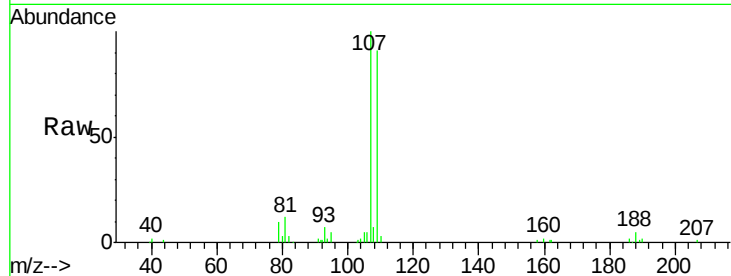
#61
 1,2-Dibromoethane
 Concen: 52.364 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.5	114.7

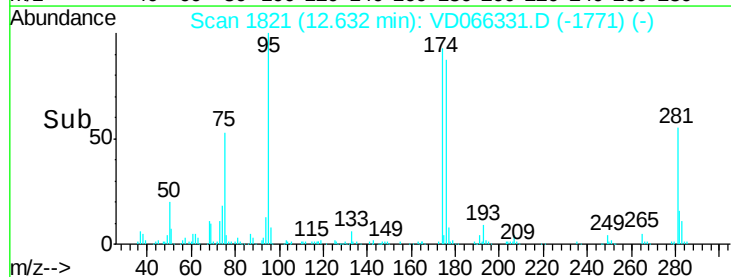
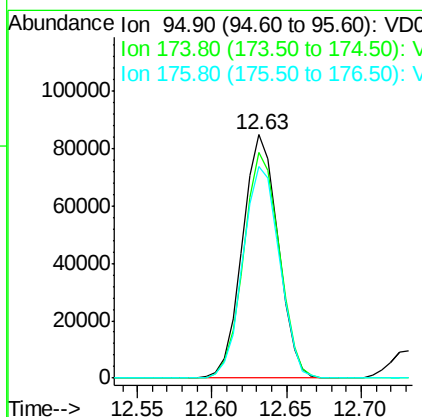
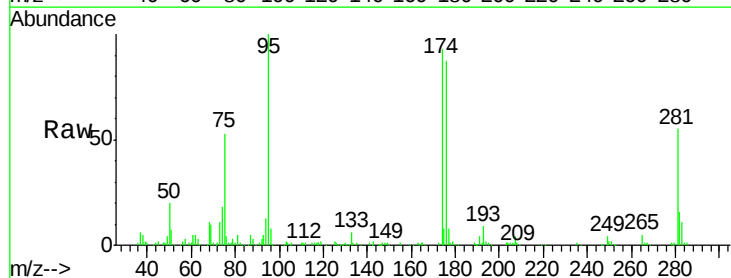
Manual Integrations
 APPROVED

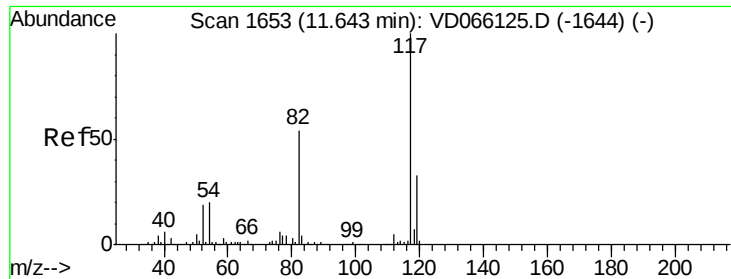
MMDadoda
 8/20/2020 3:37:00 PM



#62
 4-Bromofluorobenzene
 Concen: 51.316 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	180.8
176	89.0	0.0	181.2





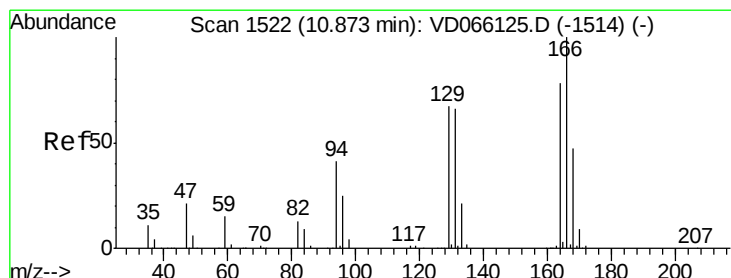
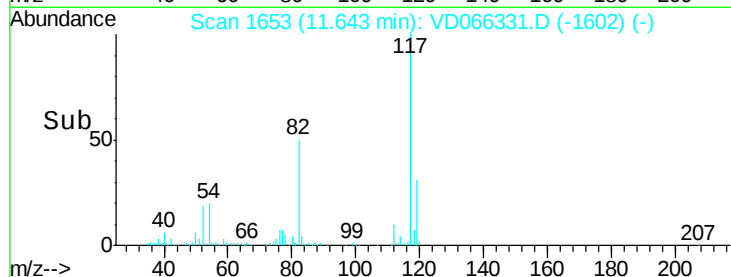
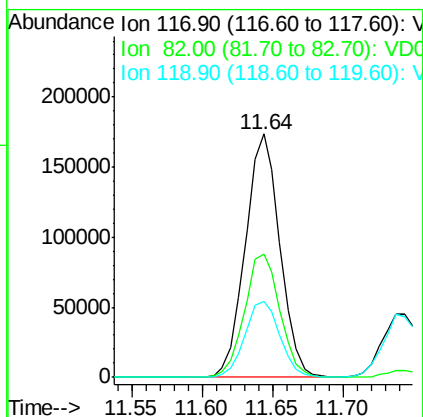
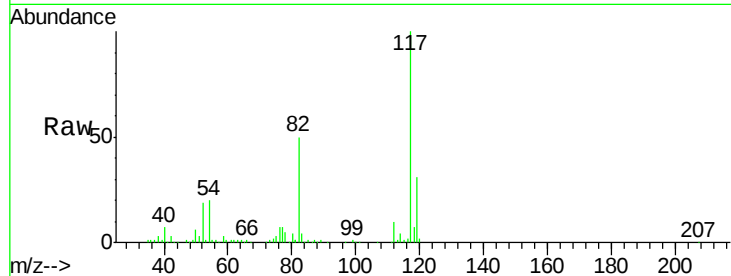
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	297720		
82	50.4	43.0	64.4	
119	31.2	26.1	39.1	

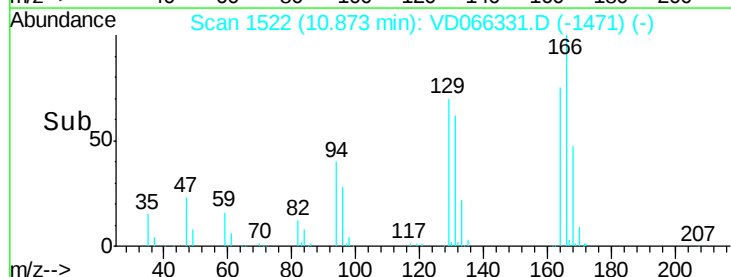
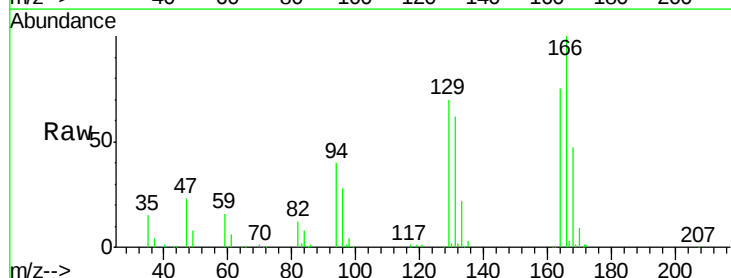
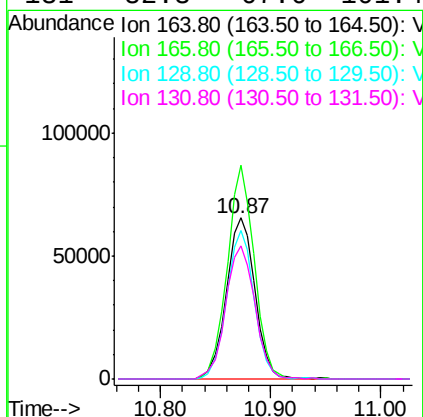
Manual Integrations
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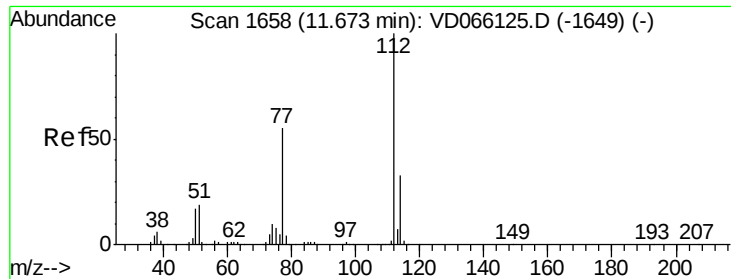
MMDadoda
8/20/2020 3:37:00 PM



#64
Tetrachloroethene
Concen: 52.022 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	118931		
166	132.5	101.9	152.9	
129	92.3	68.1	102.1	
131	82.3	67.6	101.4	





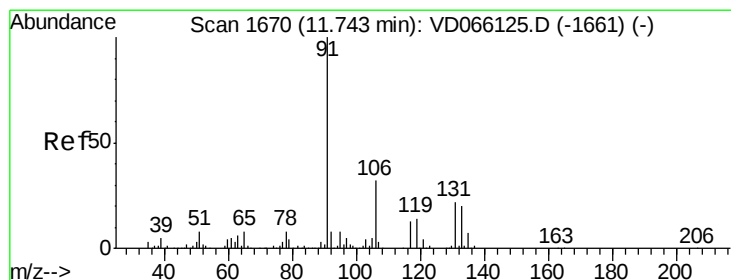
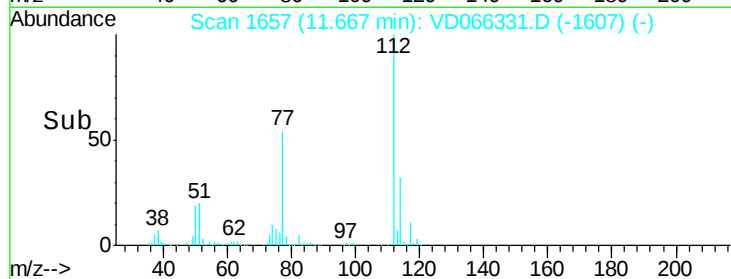
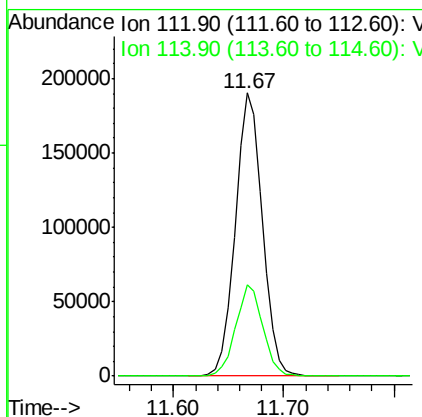
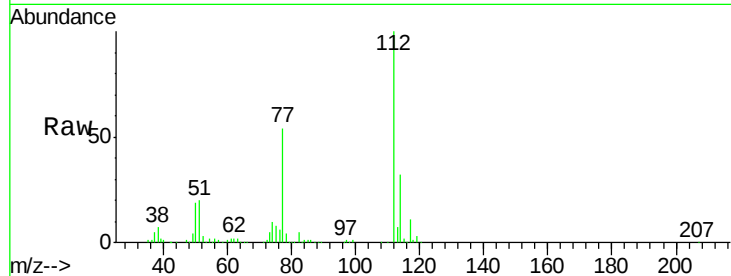
#65
Chlorobenzene
Concen: 54.199 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	327566		
114	32.2	26.1	39.1	

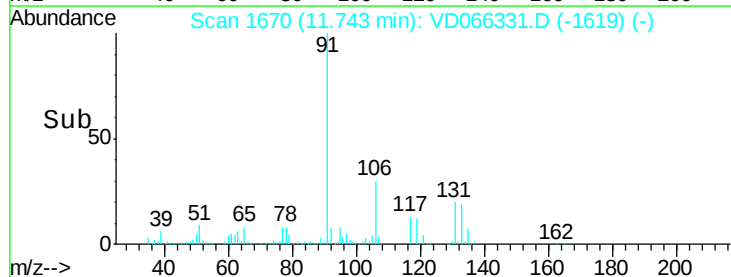
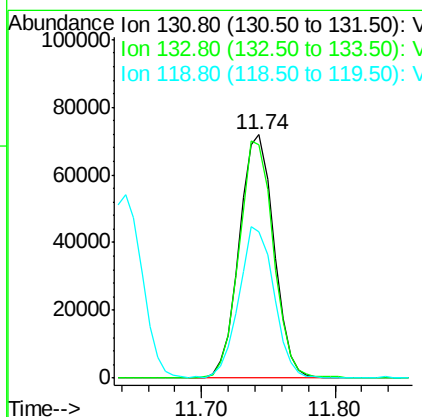
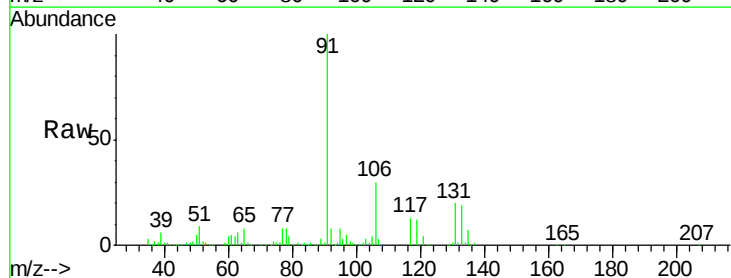
Manual Integrations
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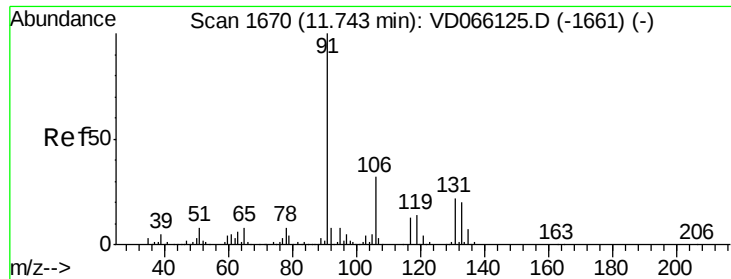
MMDadoda
8/20/2020 3:37:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.549 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	128997		
133	96.6	47.1	141.4	
119	62.9	31.6	94.7	





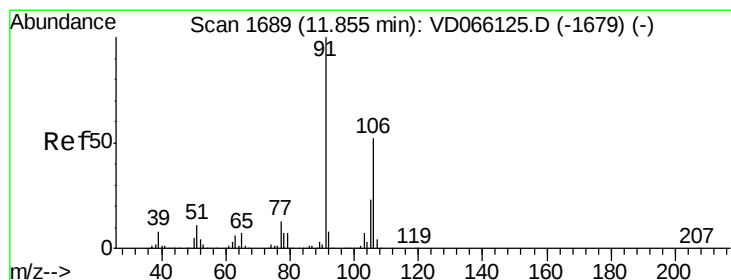
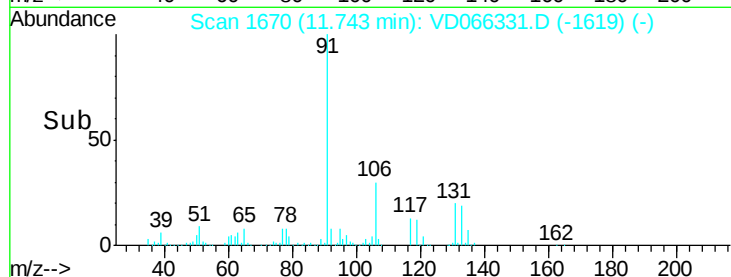
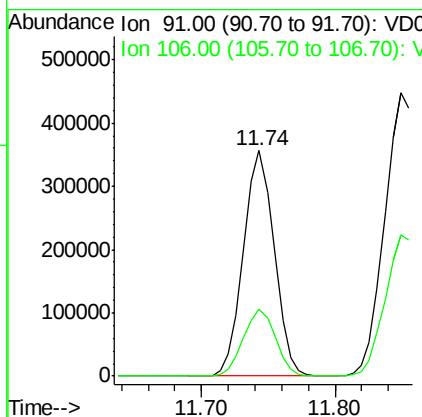
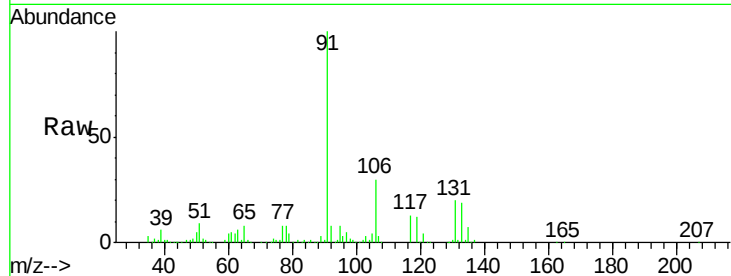
#67
Ethyl Benzene
Concen: 54.520 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	91	Resp	571012
Ion Ratio	Lower	Upper	
91	100		
106	30.0	25.7	38.5

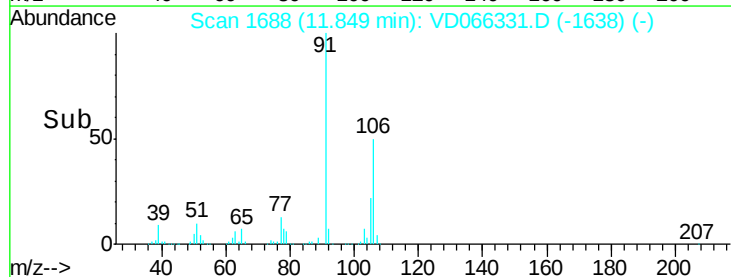
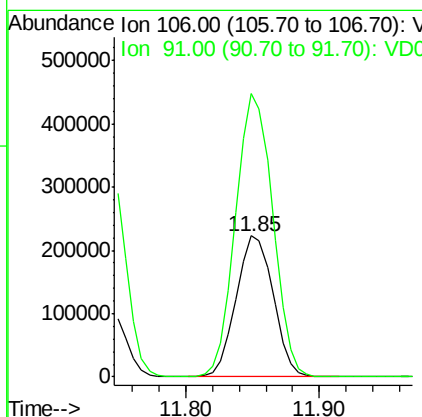
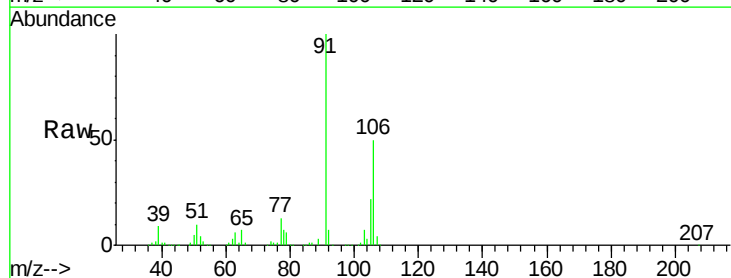
Manual Integrations
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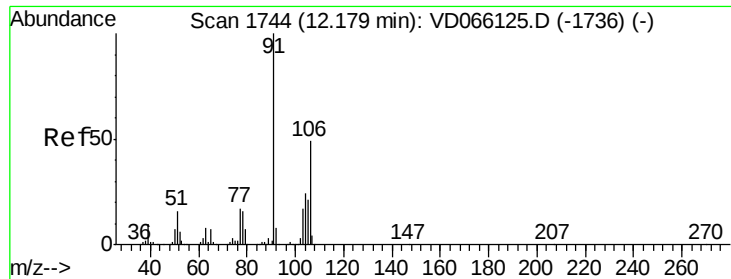
MMDadoda
8/20/2020 3:37:00 PM



#68
m/p-Xylenes
Concen: 105.996 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	106	Resp	430111
Ion Ratio	Lower	Upper	
106	100		
91	201.4	156.6	235.0





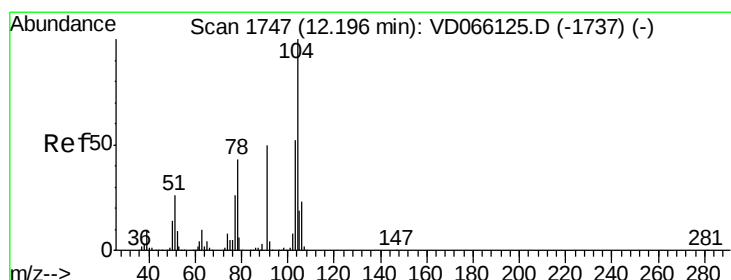
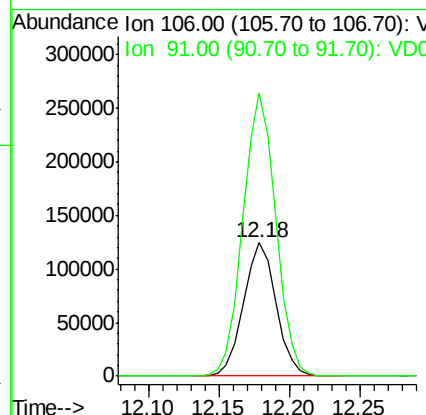
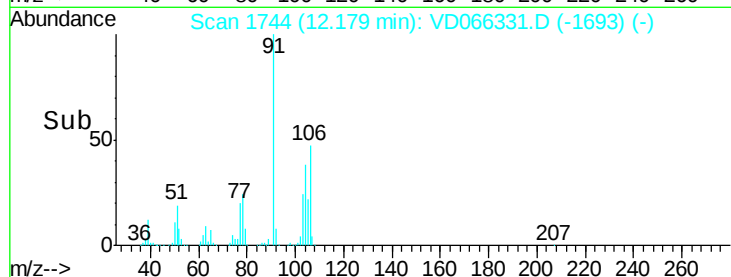
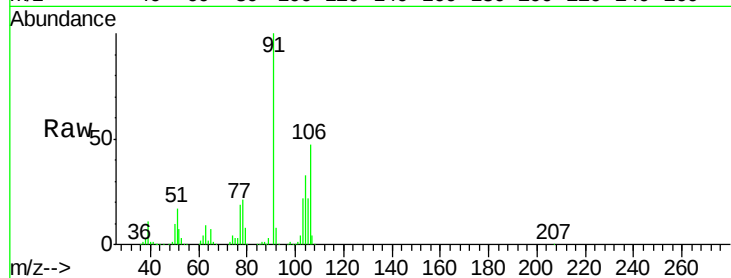
#69
o-Xylene
Concen: 54.322 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.8	105.7	317.1

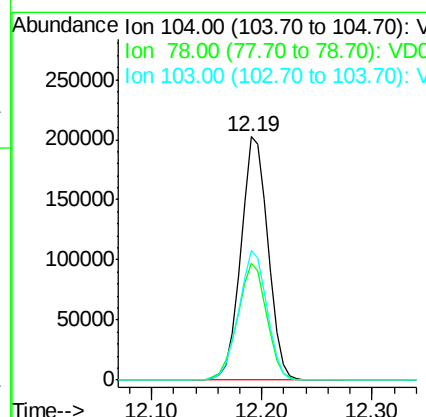
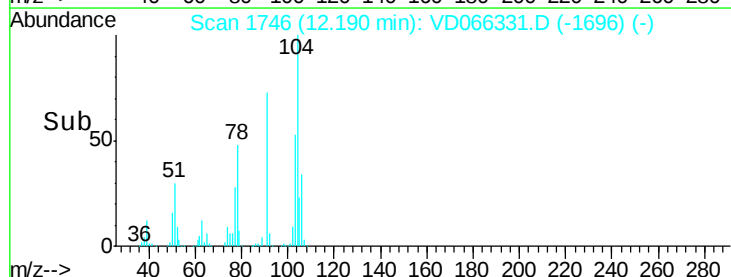
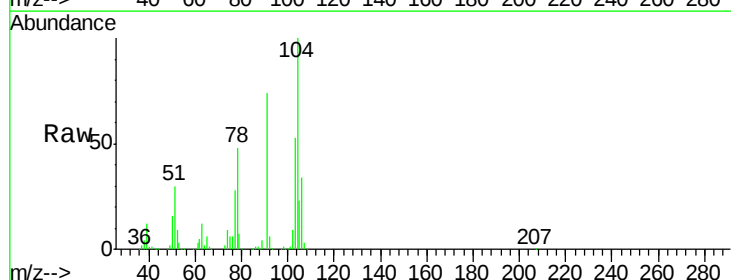
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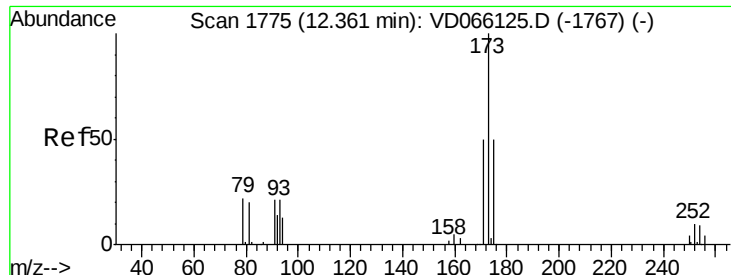
MMDadoda
8/20/2020 3:37:00 PM



#70
Styrene
Concen: 53.945 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.4	38.6	58.0
103	55.8	44.1	66.1





#71

Bromoform

Concen: 53.218 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 74562

Ion Ratio Lower Upper

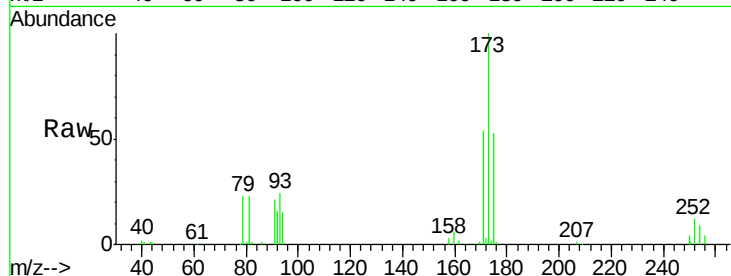
173 100

175 49.9 24.6 73.6

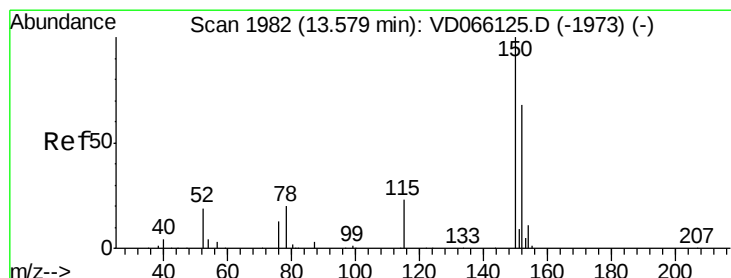
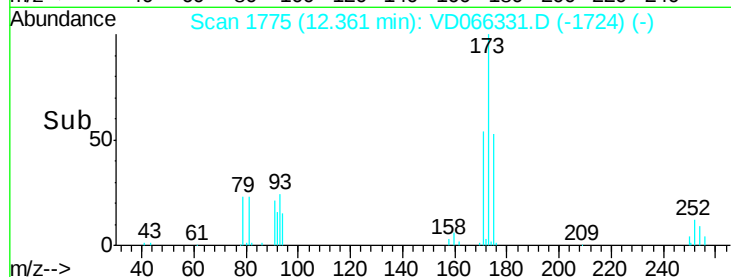
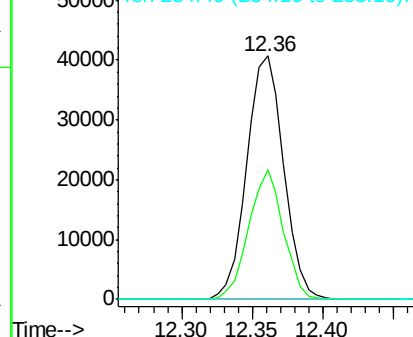
254 0.0 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

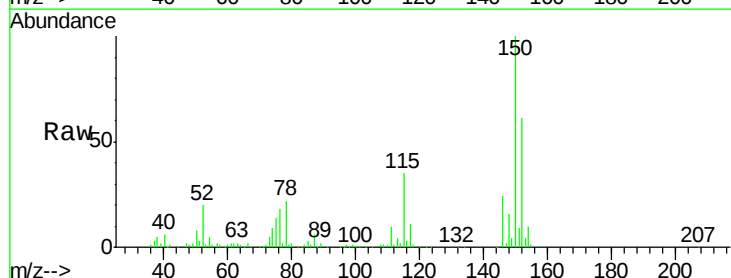
Tgt Ion:152 Resp: 150775

Ion Ratio Lower Upper

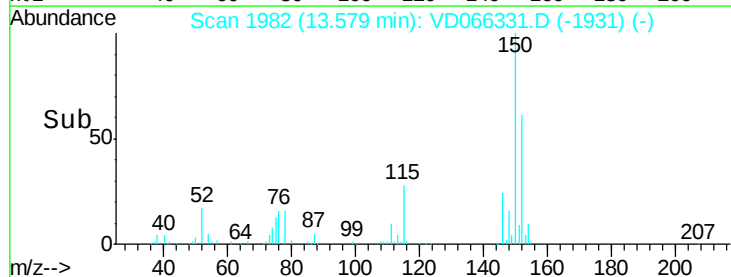
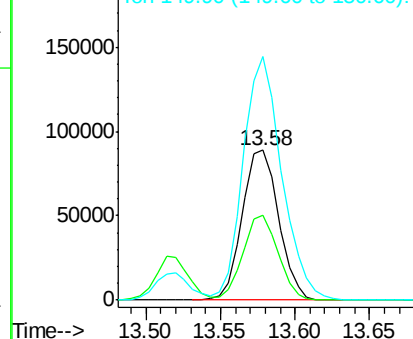
152 100

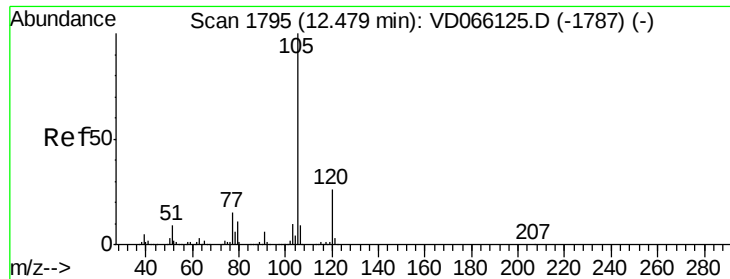
115 54.9 28.0 83.9

150 171.2 0.0 346.4



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: 56.317 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 566808

Ion Ratio Lower Upper

105 100

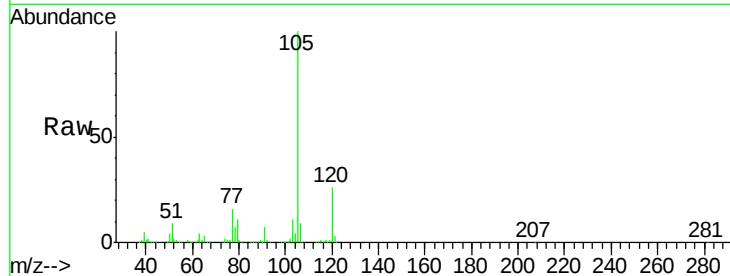
120 26.0 13.3 39.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

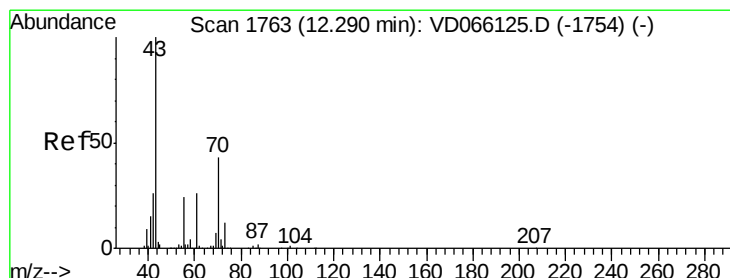
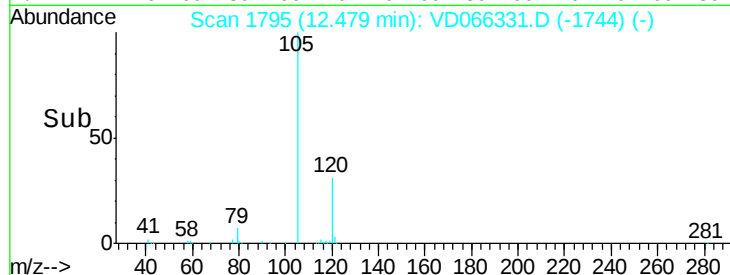
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.819 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Tgt Ion: 43 Resp: 108196

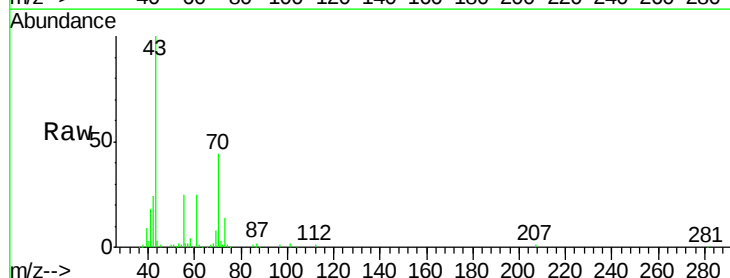
Ion Ratio Lower Upper

43 100

70 45.4 34.9 52.3

55 25.0 19.2 28.8

61 25.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

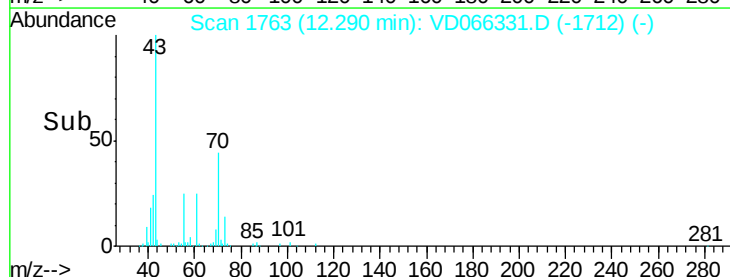
60000

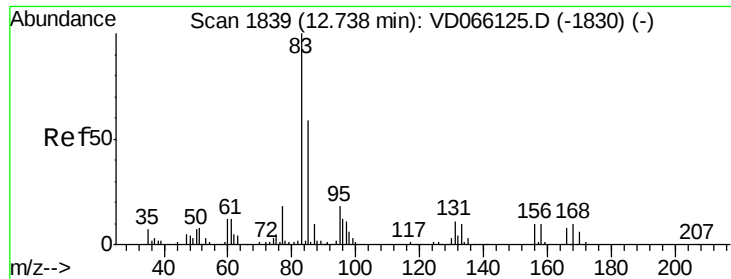
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.954 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

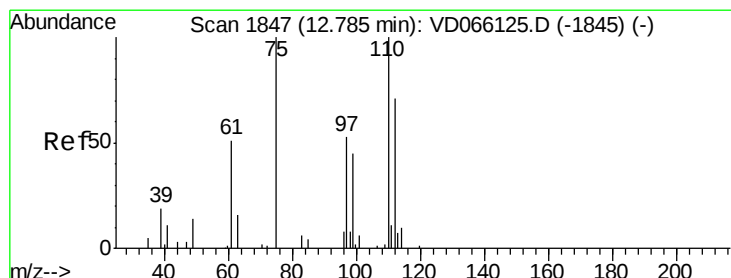
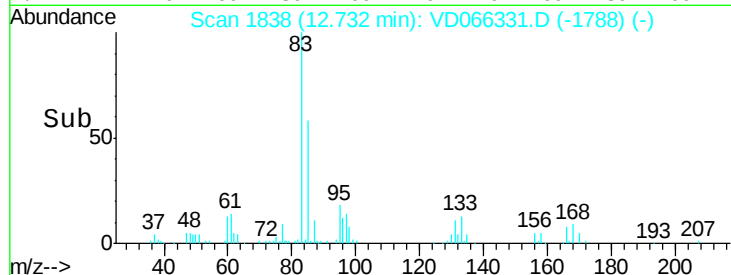
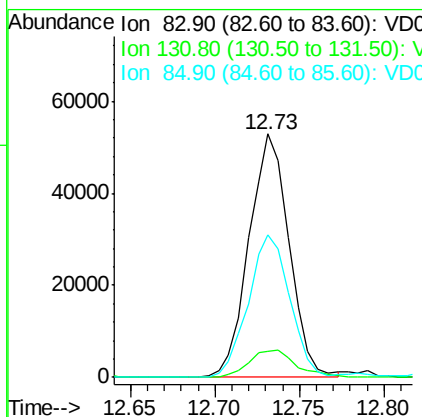
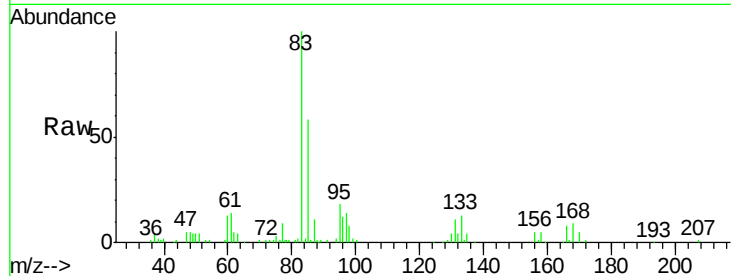
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	87447
Ion Ratio	Lower	Upper	
83	100		
131	13.0	6.2	18.6
85	60.9	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.960 ug/l m

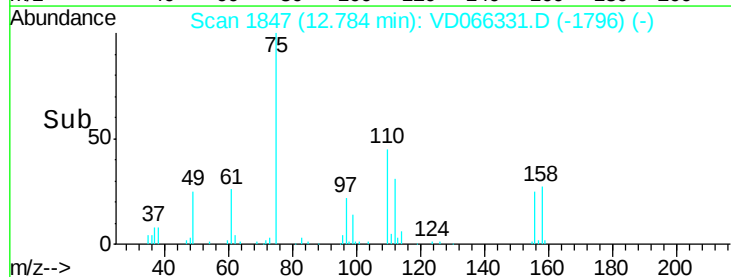
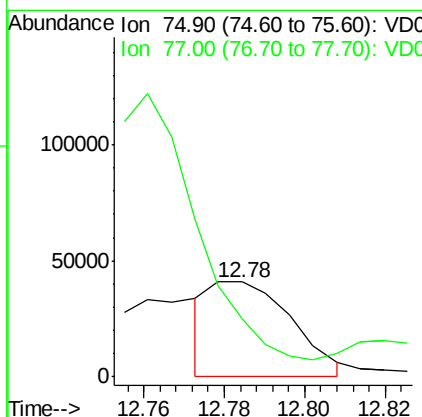
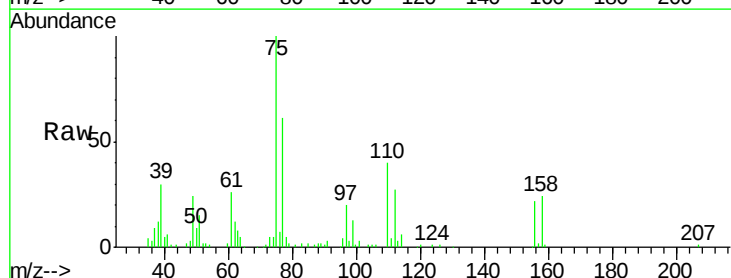
RT: 12.78 min Scan# 1847

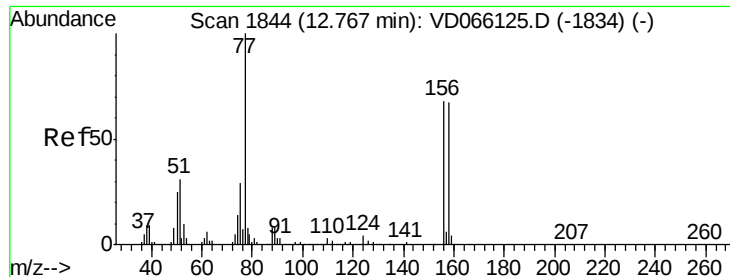
Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Tgt Ion:	75	Resp:	57788
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.499 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

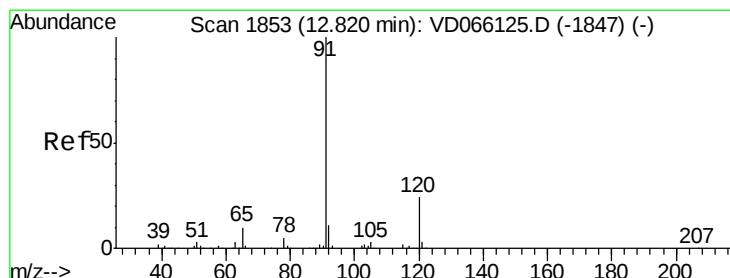
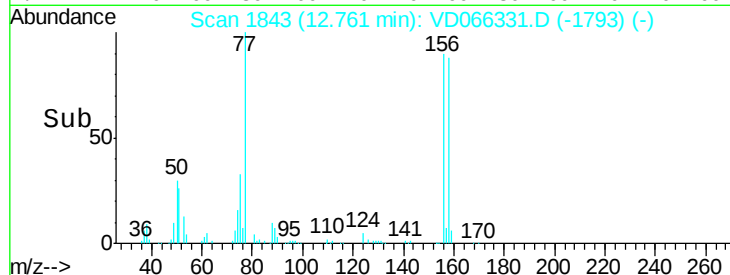
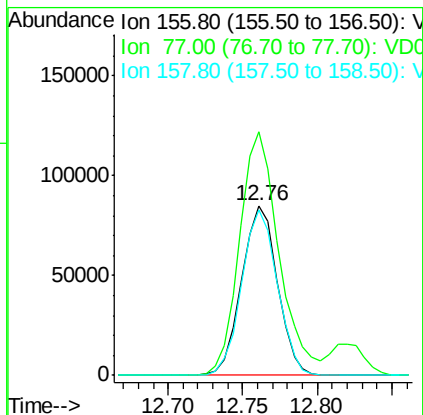
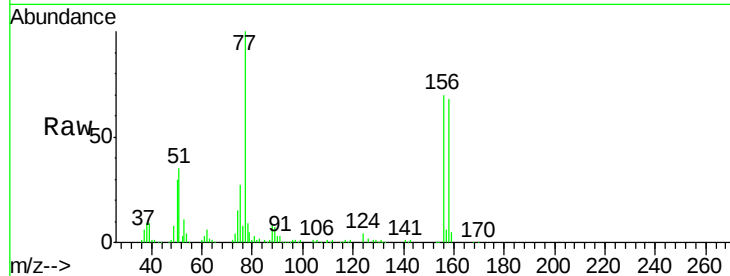
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	141199
Ion Ratio	Lower	Upper	
156	100		
77	158.7	81.0	243.1
158	97.2	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 54.405 ug/l

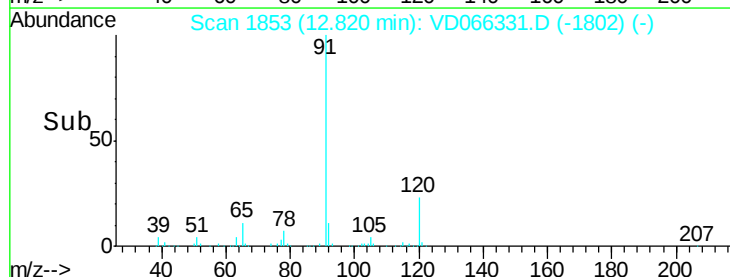
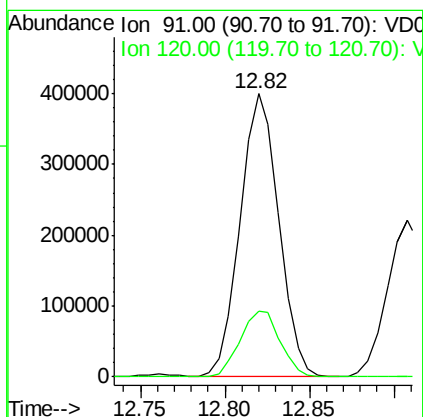
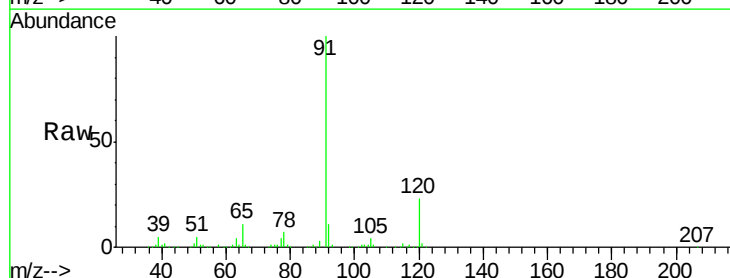
RT: 12.82 min Scan# 1853

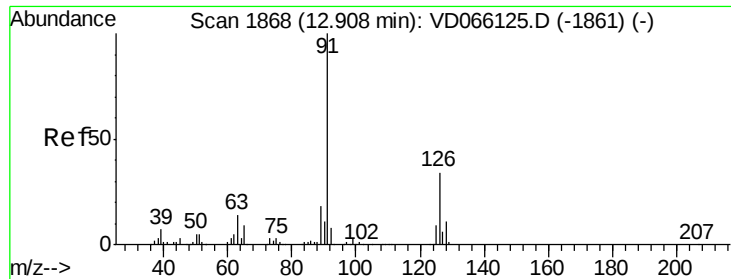
Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Tgt Ion:	91	Resp:	636502
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.0





#79

2-Chlorotoluene

Concen: 55.102 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 368705

Ion Ratio Lower Upper

91 100

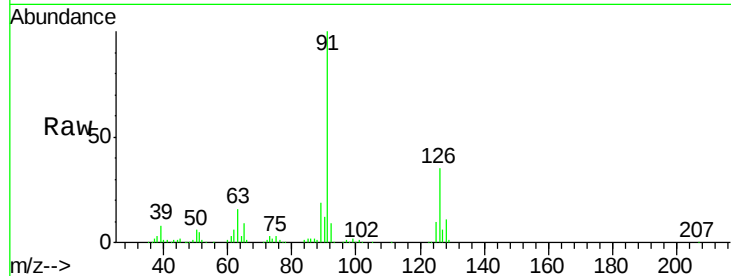
126 35.1 17.5 52.6

Manual Integrations

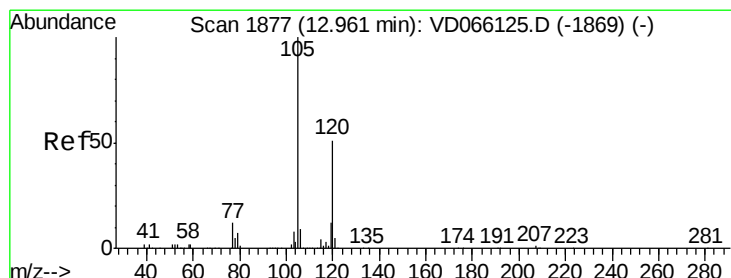
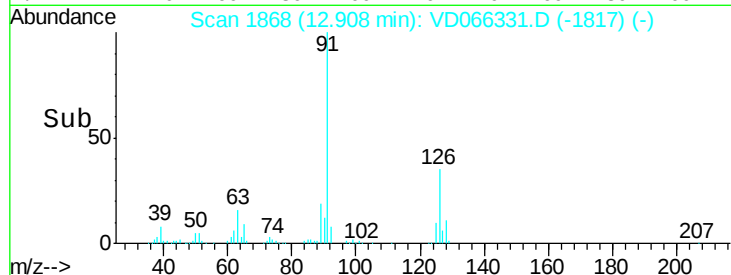
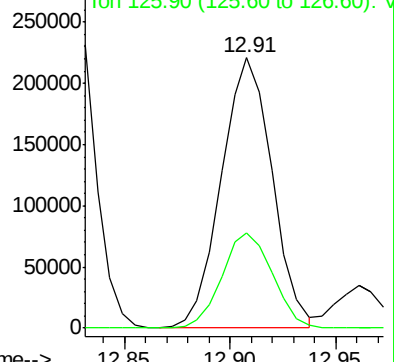
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Abundance Ion 91.00 (90.70 to 91.70): VD066331.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 57.016 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066331.D

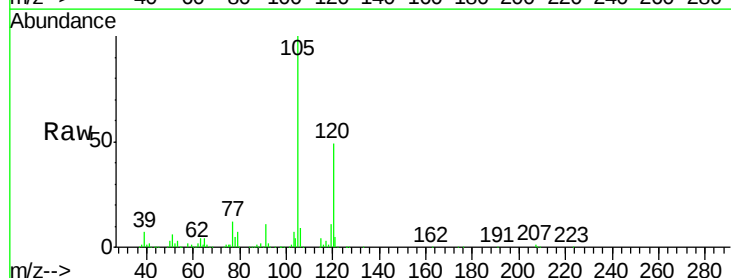
Acq: 19 Aug 2020 22:43

Tgt Ion:105 Resp: 479908

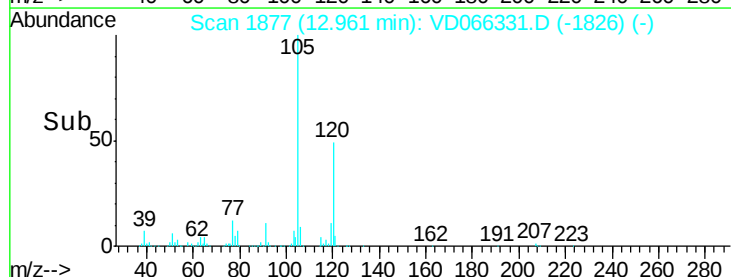
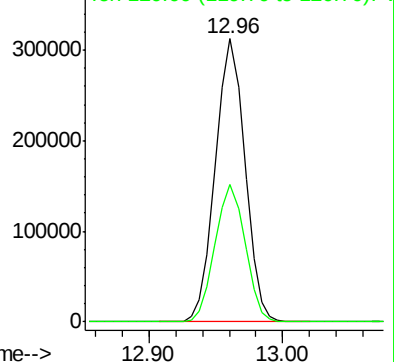
Ion Ratio Lower Upper

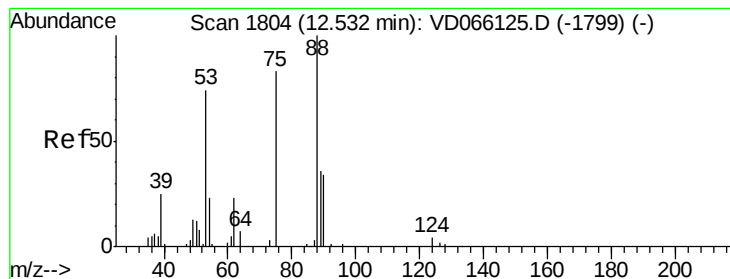
105 100

120 49.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066331.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.378 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

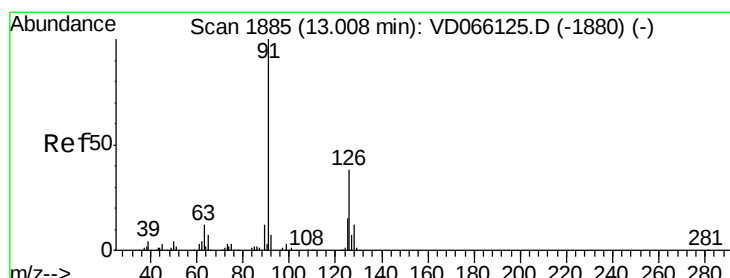
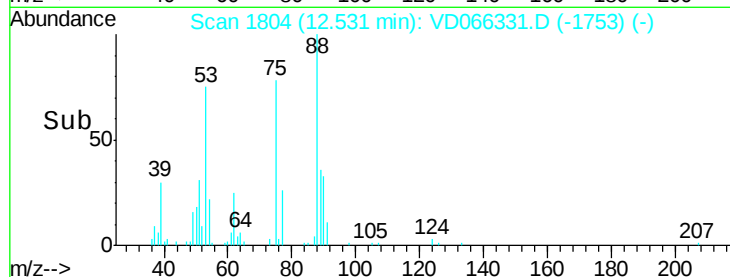
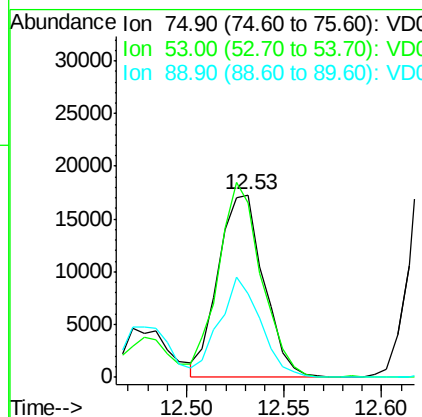
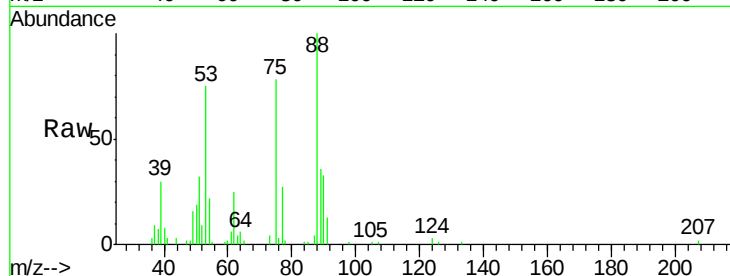
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	28086
Ion	Ratio	Lower	Upper
75	100		
53	100.6	73.4	110.2
89	49.8	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.938 ug/l

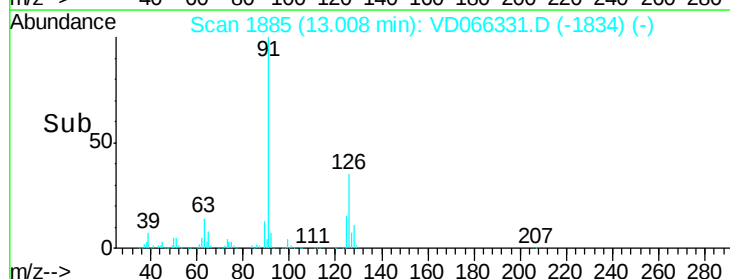
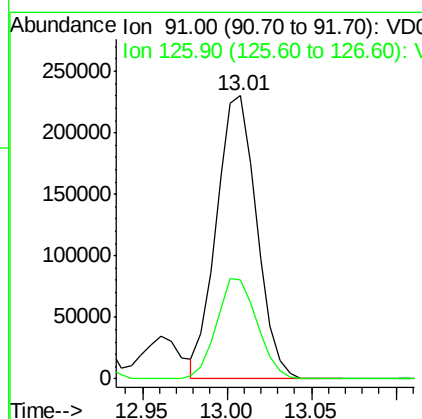
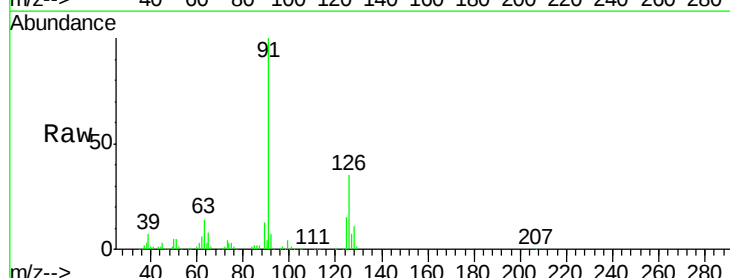
RT: 13.01 min Scan# 1885

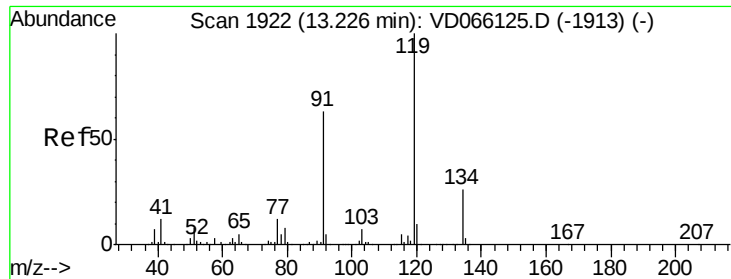
Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Tgt Ion:	91	Resp:	380996
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.8	53.3





#83

tert-Butylbenzene

Concen: 56.207 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

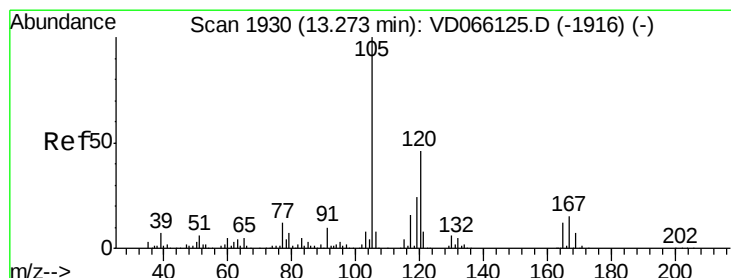
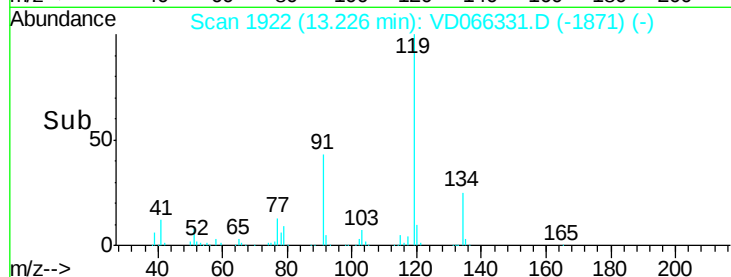
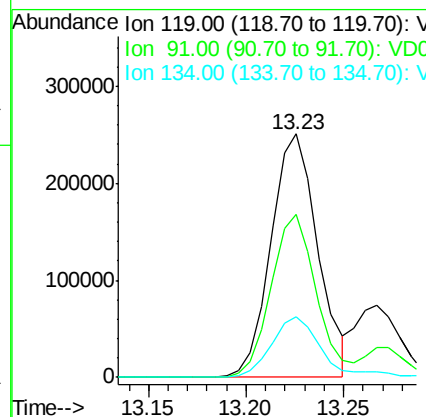
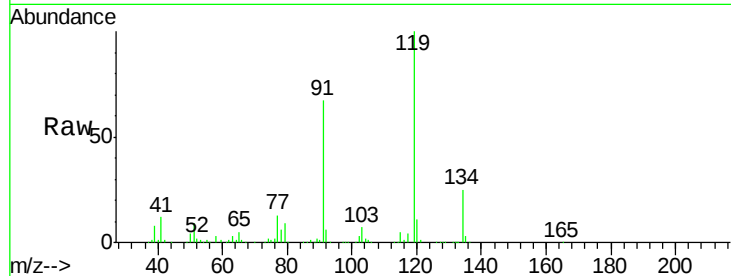
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	416061
Ion Ratio	Lower	Upper	
119	100		
91	65.1	30.8	92.4
134	26.8	13.6	40.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 55.781 ug/l

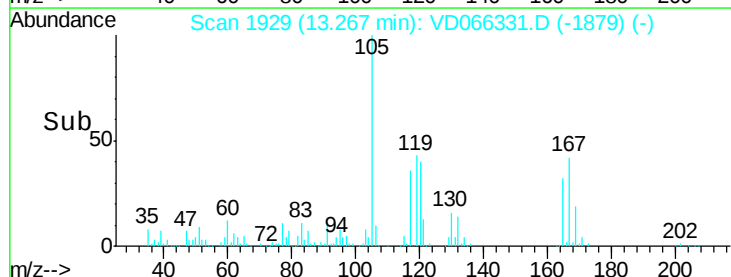
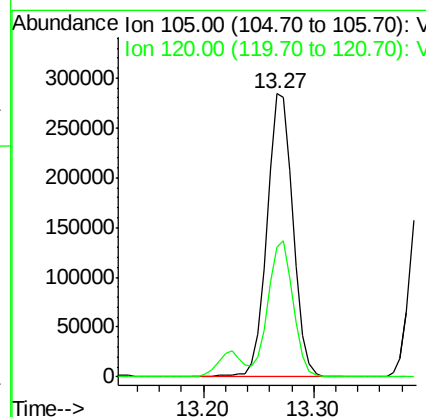
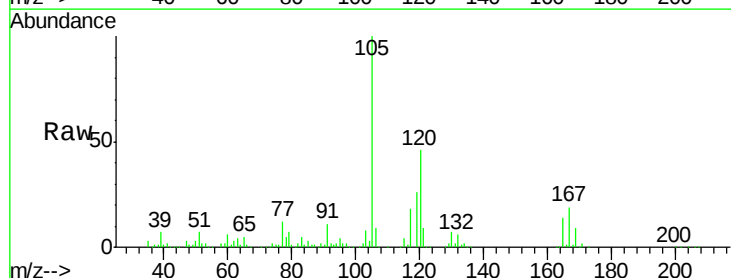
RT: 13.27 min Scan# 1929

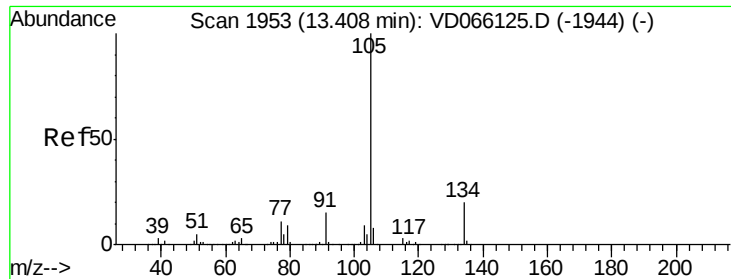
Delta R.T. -0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Tgt Ion:	105	Resp:	469874
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 54.974 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 549413

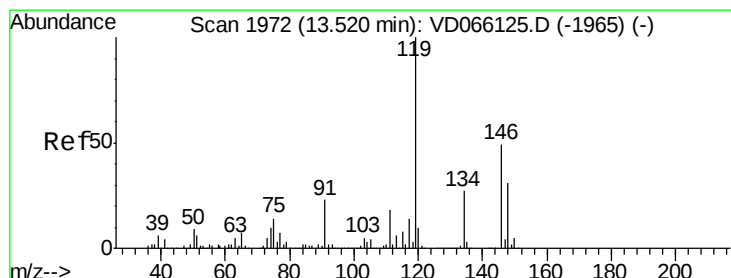
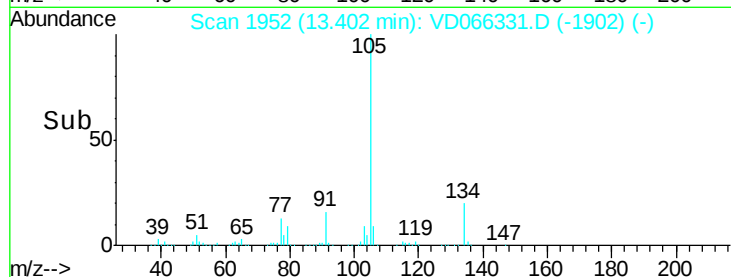
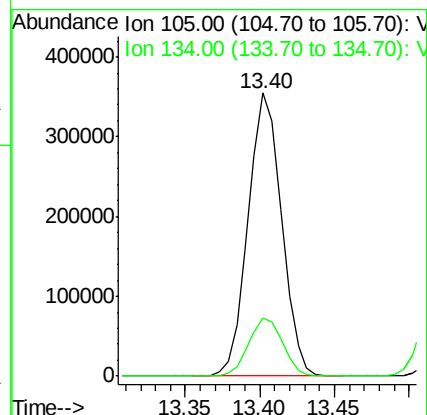
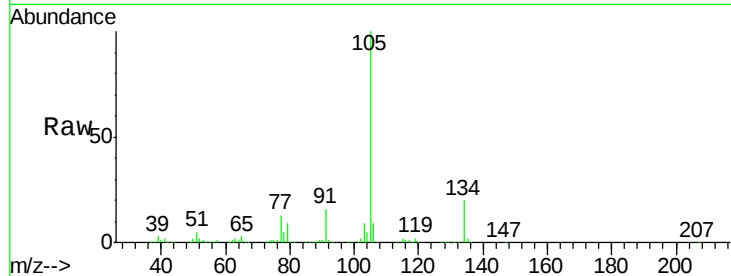
Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 56.196 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066331.D

Acq: 19 Aug 2020 22:43

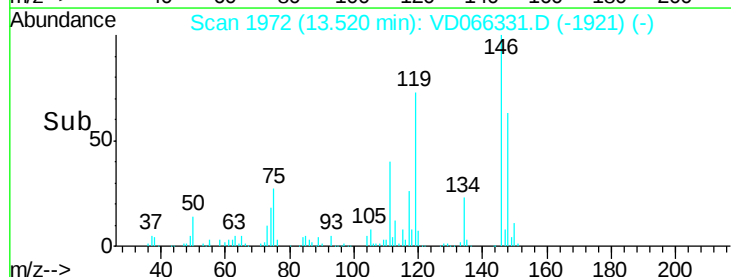
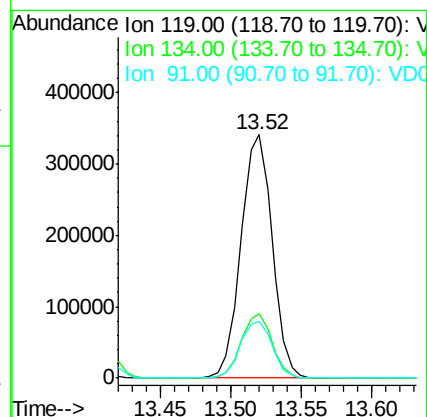
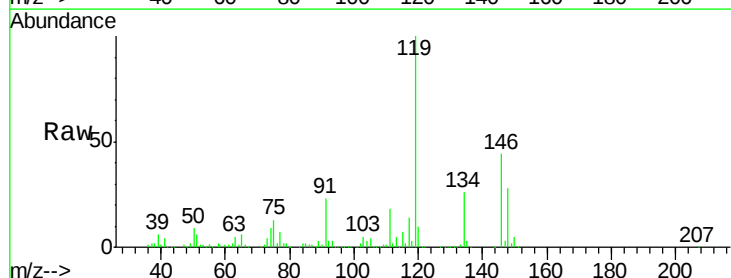
Tgt Ion:119 Resp: 526755

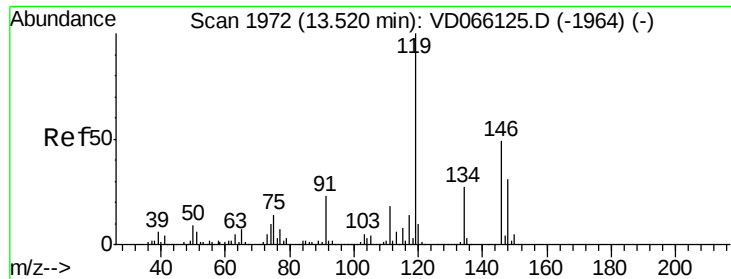
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 23.9 11.2 33.5





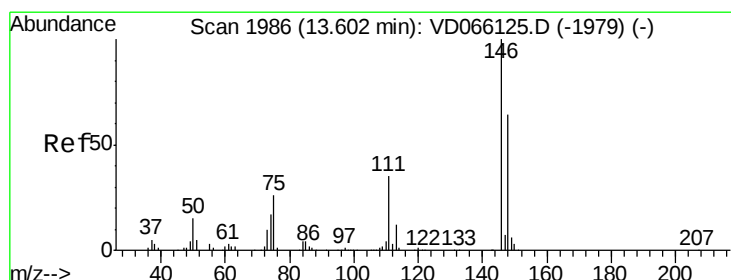
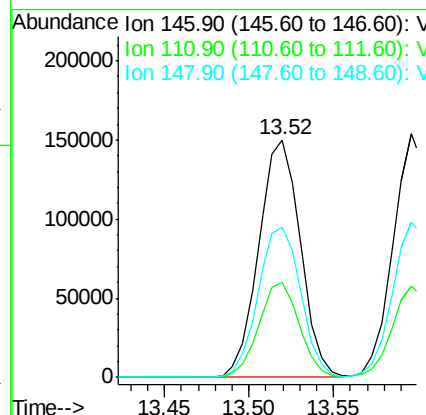
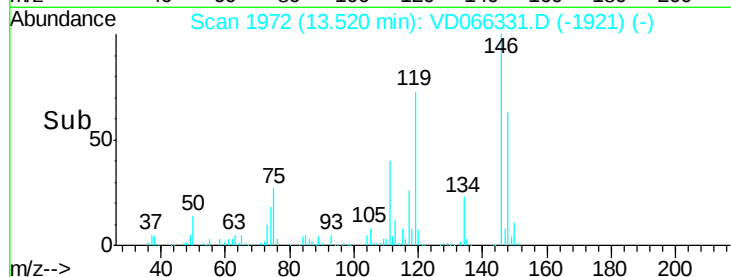
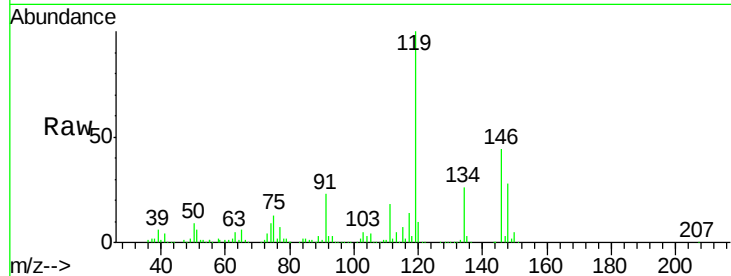
#87
 1,3-Dichlorobenzene
 Concen: 52.706 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	256645		
111	39.0	18.9	56.9	
148	64.8	31.8	95.3	

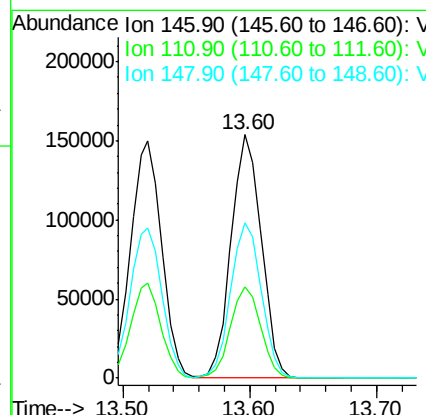
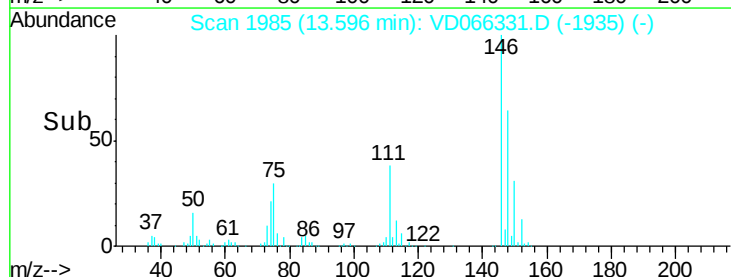
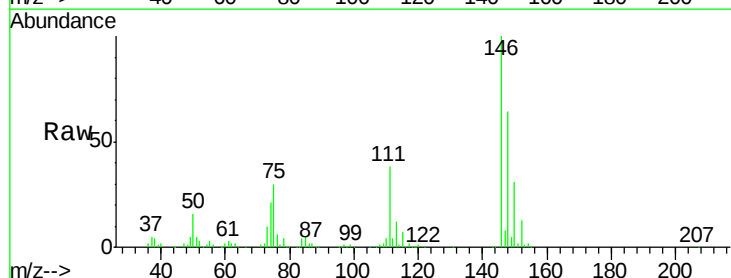
Manual Integrations
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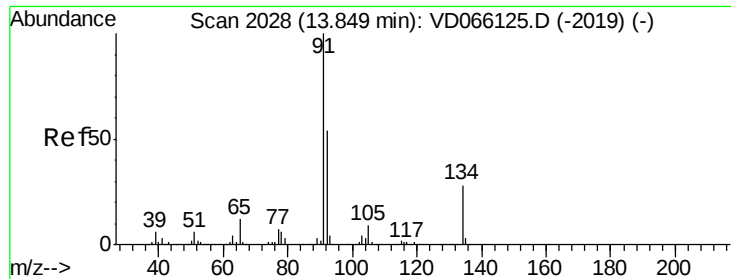
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#88
 1,4-Dichlorobenzene
 Concen: 52.284 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	253897		
111	37.6	18.6	55.8	
148	64.8	32.4	97.0	





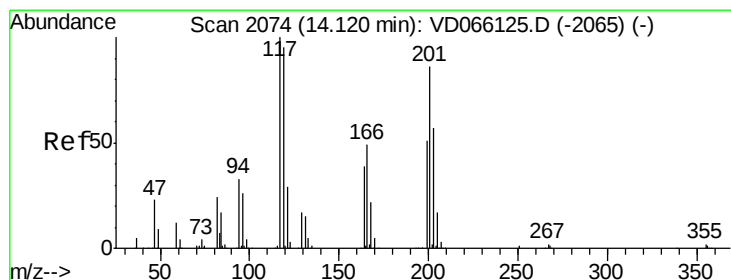
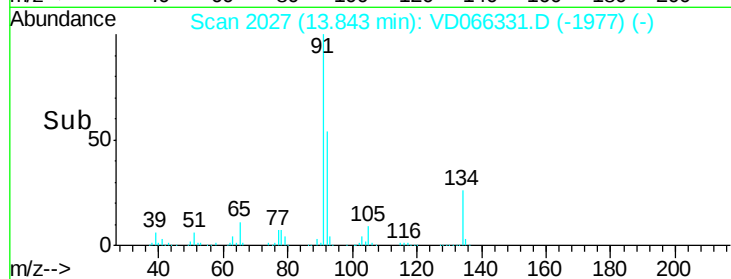
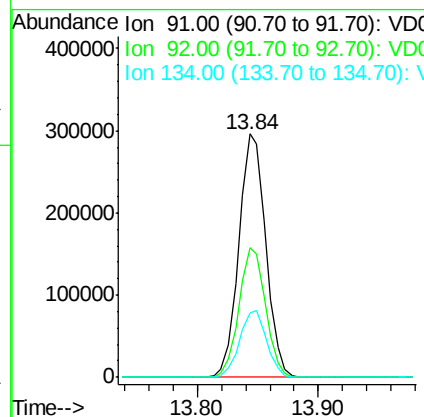
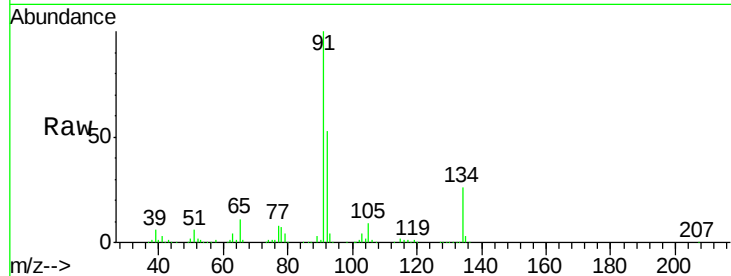
#89
n-Butylbenzene
Concen: 54.730 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.8	26.8	80.3	
134	27.6	14.0	41.9	

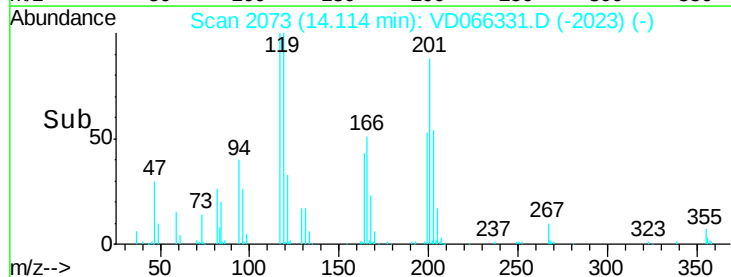
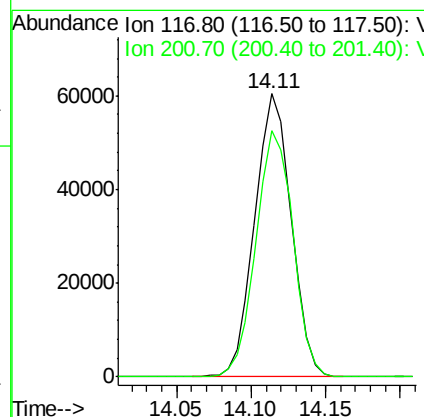
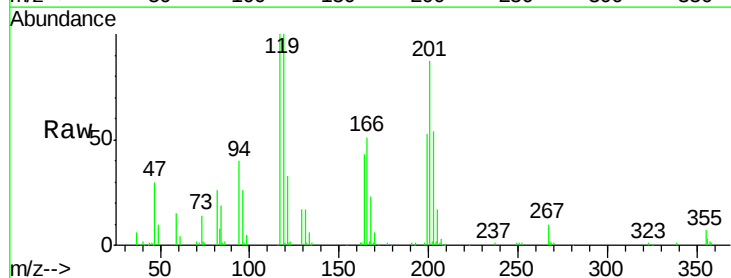
Manual Integrations
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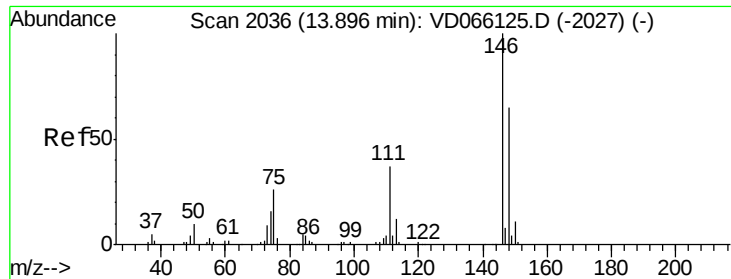
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#90
Hexachloroethane
Concen: 54.664 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	88.3	42.7	128.1	





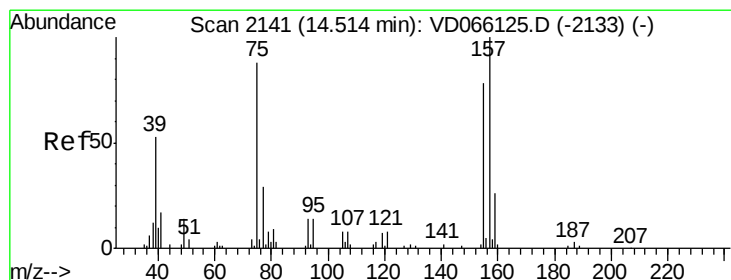
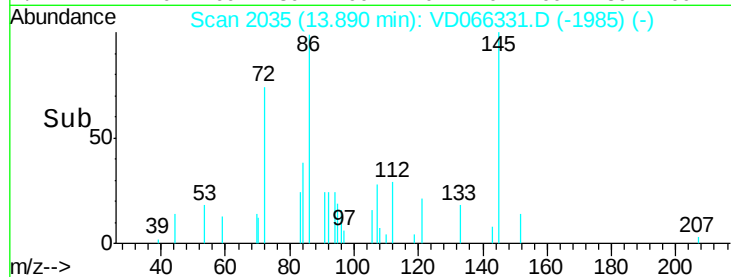
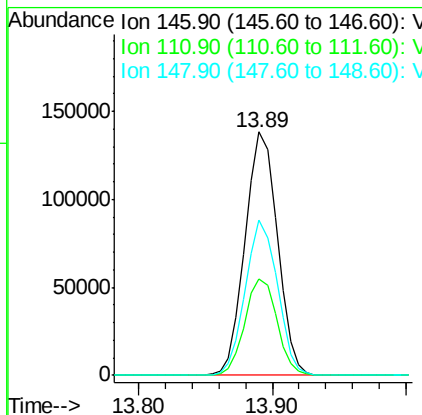
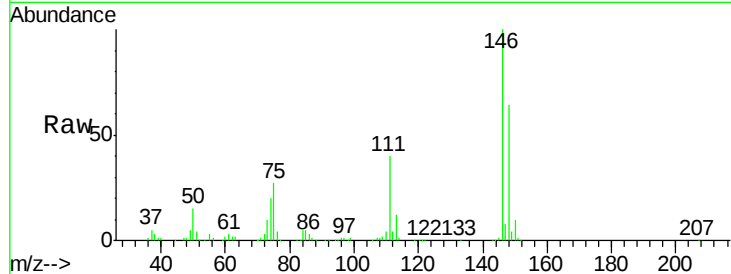
#91
 1,2-Dichlorobenzene
 Concen: 53.873 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	231997		
111	39.2	18.8	56.3	
148	63.4	31.9	95.5	

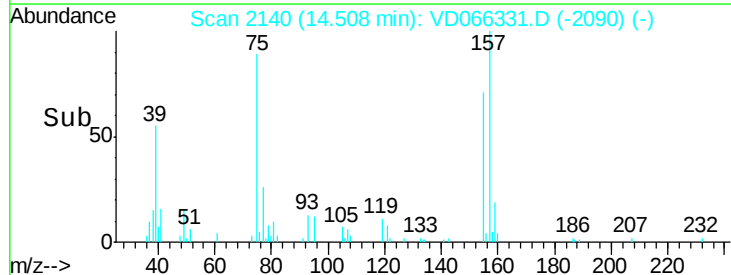
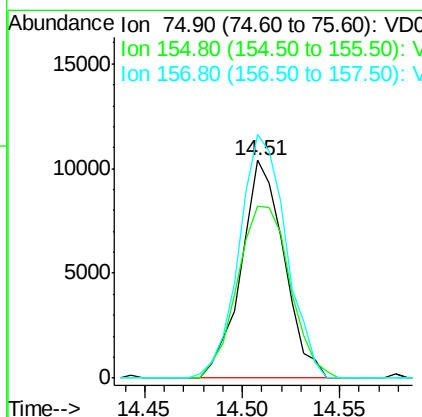
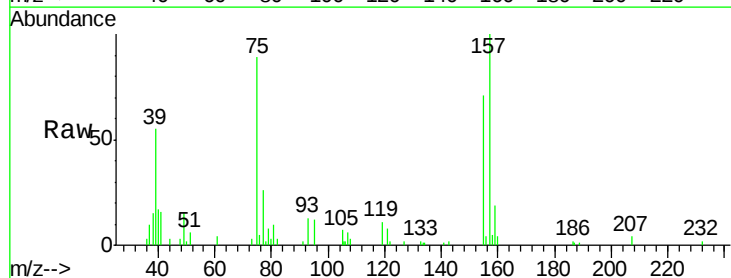
Manual Integrations
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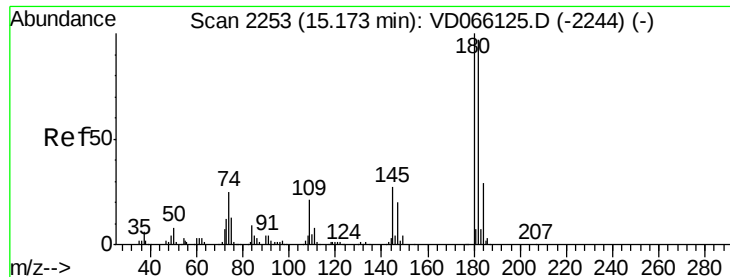
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.530 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15789		
155	96.9	47.7	143.1	
157	122.9	62.1	186.2	





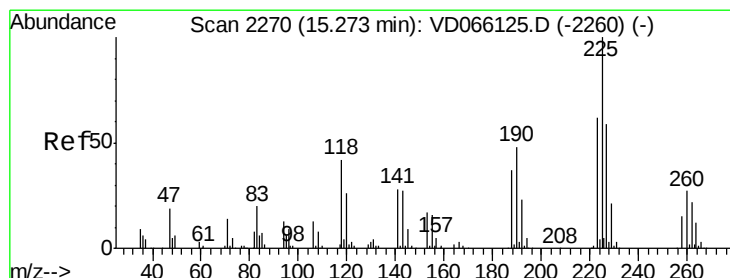
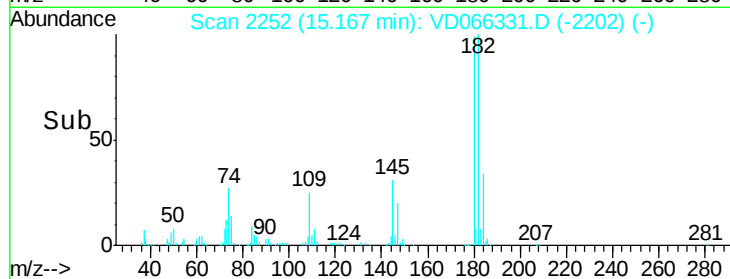
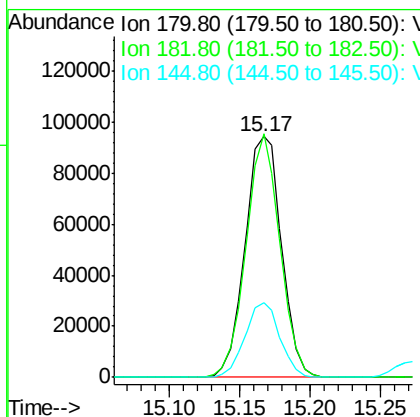
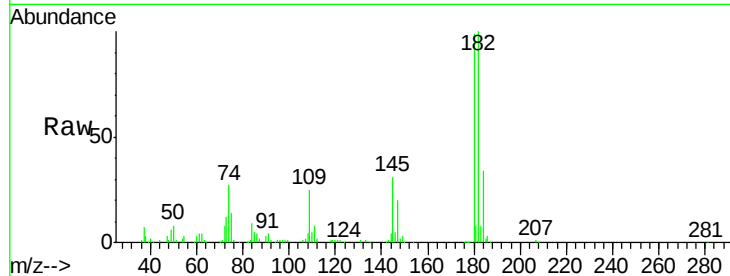
#93
 1,2,4-Trichlorobenzene
 Concen: 53.845 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	170879		
182	93.7	47.4	142.2	
145	29.8	14.5	43.6	

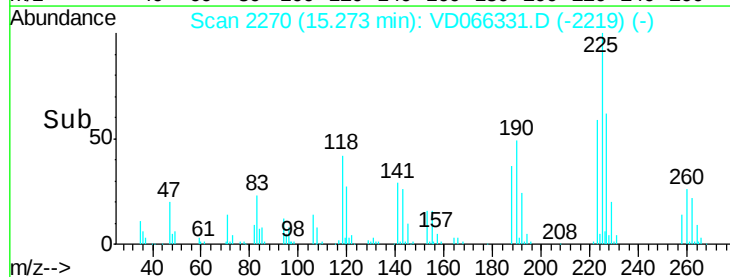
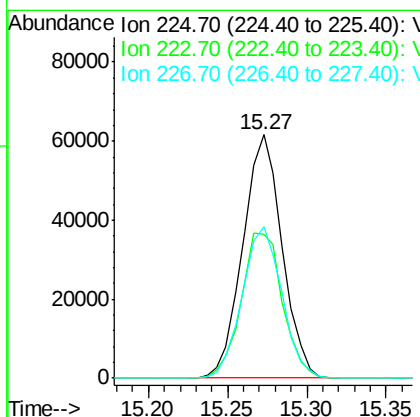
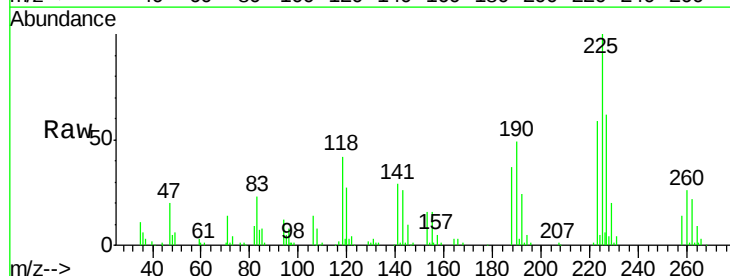
Manual Integrations
 APPROVED

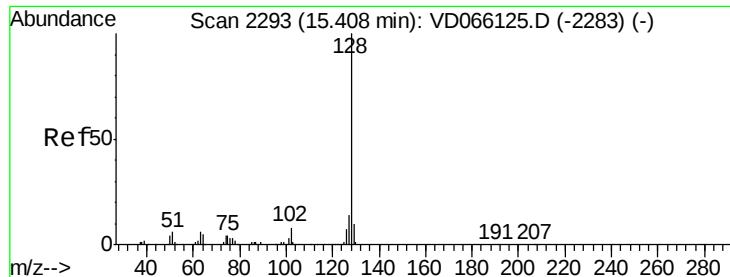
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#94
 Hexachlorobutadiene
 Concen: 56.568 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066331.D
 Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	105711		
223	63.0	32.3	96.9	
227	62.9	32.1	96.5	





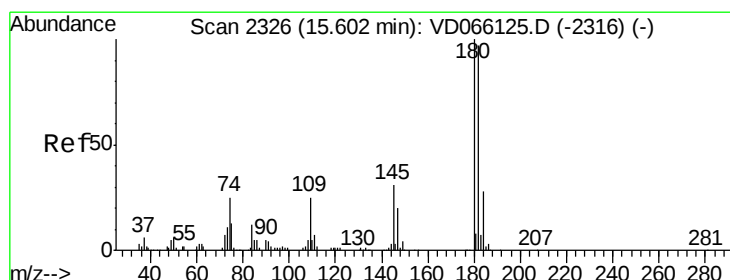
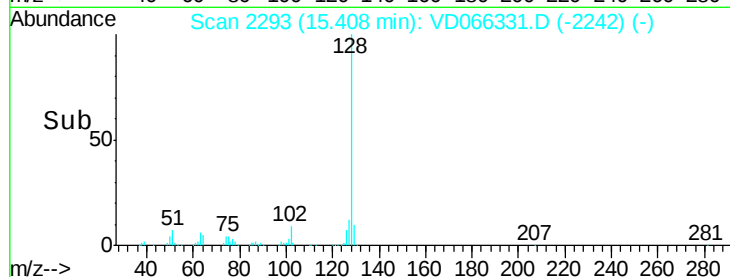
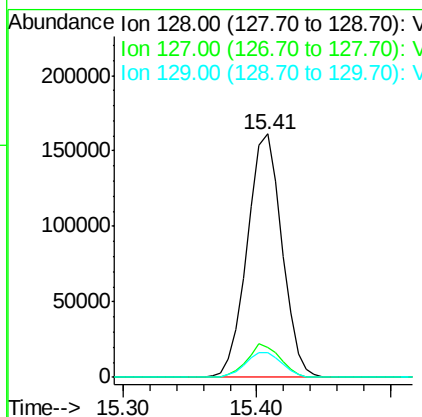
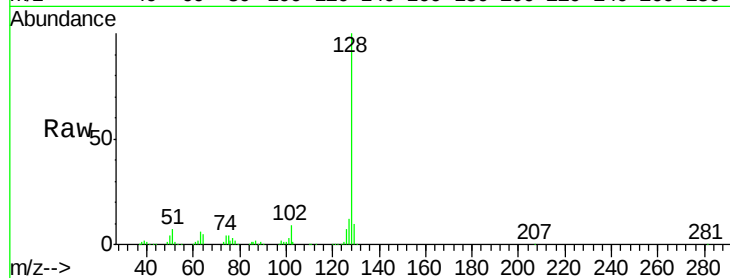
#95
Naphthalene
Concen: 55.983 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	289485		
127	13.3		11.0	16.4
129	10.9		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.779 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066331.D
Acq: 19 Aug 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150660		
182	93.4		47.1	141.4
145	32.4		14.9	44.9

