

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065975.D
 Acq On : 21 Jul 2020 11:43
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:44:24 PM

Quant Time: Jul 21 12:15:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:03:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	379843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	538614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	498362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	318680	103.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.00%	
35) Dibromofluoromethane	7.92	113	337749	104.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.74%	
50) Toluene-d8	10.34	98	1283009	106.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.84%	
62) 4-Bromofluorobenzene	12.64	95	439547	103.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	248465	81.308	ug/l	98
3) Chloromethane	2.21	50	215733	89.395	ug/l	98
4) Vinyl Chloride	2.35	62	212950	91.391	ug/l	98
5) Bromomethane	2.76	94	145453	73.017	ug/l	97
6) Chloroethane	2.92	64	129807	92.443	ug/l	98
7) Trichlorofluoromethane	3.27	101	509526	90.867	ug/l	99
8) Diethyl Ether	3.70	74	147282	102.034	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	308336	92.735	ug/l	99
10) Methyl Iodide	4.30	142	344136	189.467	ug/l	97
11) Tert butyl alcohol	5.23	59	84725	322.988	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	298931	94.703	ug/l	91
13) Acrolein	3.93	56	130288	514.030	ug/l	99
14) Allyl chloride	4.71	41	492871	101.725	ug/l	99
15) Acrylonitrile	5.43	53	326747	527.485	ug/l	98
16) Acetone	4.16	43	306252	490.500	ug/l	94
17) Carbon Disulfide	4.41	76	973536	94.441	ug/l	99
18) Methyl Acetate	4.71	43	139059	96.817	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	649846	104.964	ug/l	99
20) Methylene Chloride	4.97	84	323699	75.146	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	348093	97.639	ug/l	99
22) Diisopropyl ether	6.36	45	924917	100.837	ug/l	98
23) Vinyl Acetate	6.30	43	2761637	548.688	ug/l	97
24) 1,1-Dichloroethane	6.26	63	555823	96.879	ug/l	97
25) 2-Butanone	7.21	43	410406	498.514	ug/l	96
26) 2,2-Dichloropropane	7.21	77	489303	92.920	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	365403	97.817	ug/l	100
28) Bromochloromethane	7.55	49	260220	109.854	ug/l	97
29) Tetrahydrofuran	7.56	42	257592	512.806	ug/l	99
30) Chloroform	7.71	83	566055	95.129	ug/l	97
31) Cyclohexane	7.98	56	512618	89.030	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	526037	94.482	ug/l	100
36) 1,1-Dichloropropene	8.11	75	455551	97.398	ug/l	98
37) Ethyl Acetate	7.29	43	177481	98.918	ug/l	98
38) Carbon Tetrachloride	8.10	117	498817	100.552	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	572996	103.443	ug/l	97
40) Benzene	8.36	78	1280710	98.720	ug/l	99
41) Methacrylonitrile	7.53	41	89937	67.050	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	352157	98.766	ug/l	99
43) Isopropyl Acetate	8.46	43	350790	106.221	ug/l	100
44) Trichloroethene	9.11	130	384402	98.496	ug/l	91
45) 1,2-Dichloropropane	9.39	63	314002	100.930	ug/l	97
46) Dibromomethane	9.48	93	169232	99.389	ug/l	99
47) Bromodichloromethane	9.67	83	440683	98.758	ug/l	98
48) Methyl methacrylate	9.46	41	184424	107.219	ug/l	99
49) 1,4-Dioxane	9.46	88	40684	2161.528	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	901586	534.661	ug/l	100
52) Toluene	10.41	92	838297	100.349	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	429579	108.908	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	514329	105.351	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	229827	98.076	ug/l	97
56) Ethyl methacrylate	10.66	69	300111	113.956	ug/l	99
57) 1,3-Dichloropropane	10.95	76	398101	102.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	651547	506.882	ug/l	100
59) 2-Hexanone	10.99	43	627946	541.918	ug/l	97
60) Dibromochloromethane	11.14	129	319436	100.883	ug/l	99
61) 1,2-Dibromoethane	11.25	107	232989	102.793	ug/l	99
64) Tetrachloroethene	10.88	164	331241	97.225	ug/l	98
65) Chlorobenzene	11.67	112	897928	97.671	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	330870	97.270	ug/l	98
67) Ethyl Benzene	11.75	91	1563737	99.172	ug/l	99
68) m/p-Xylenes	11.86	106	1209606	198.367	ug/l	99
69) o-Xylene	12.18	106	559233	103.020	ug/l	100
70) Styrene	12.20	104	958984	102.058	ug/l	99
71) Bromoform	12.37	173	198291	103.726	ug/l #	100
73) Isopropylbenzene	12.48	105	1529312	102.545	ug/l	100
74) N-amyl acetate	12.29	43	332064	110.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	247157	100.199	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	187879m	84.896	ug/l	
77) Bromobenzene	12.77	156	382654	99.396	ug/l	99
78) n-propylbenzene	12.83	91	1769666	101.270	ug/l	99
79) 2-Chlorotoluene	12.91	91	1001807	100.429	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	1264309	101.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	85657	108.605	ug/l	98
82) 4-Chlorotoluene	13.01	91	1046471	98.756	ug/l	100
83) tert-Butylbenzene	13.23	119	1118367	103.664	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	1230661	101.004	ug/l	100
85) sec-Butylbenzene	13.41	105	1537568	103.079	ug/l	100
86) p-Isopropyltoluene	13.52	119	1401069	104.313	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	696882	95.887	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	711794	97.718	ug/l	98
89) n-Butylbenzene	13.85	91	1293956	104.155	ug/l	99
90) Hexachloroethane	14.12	117	277297	100.574	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	618103	99.329	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	40651	103.452	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	459334	106.226	ug/l	99
94) Hexachlorobutadiene	15.27	225	271860	100.405	ug/l	99
95) Naphthalene	15.41	128	789284	119.538	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	400175	105.747	ug/l	100

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

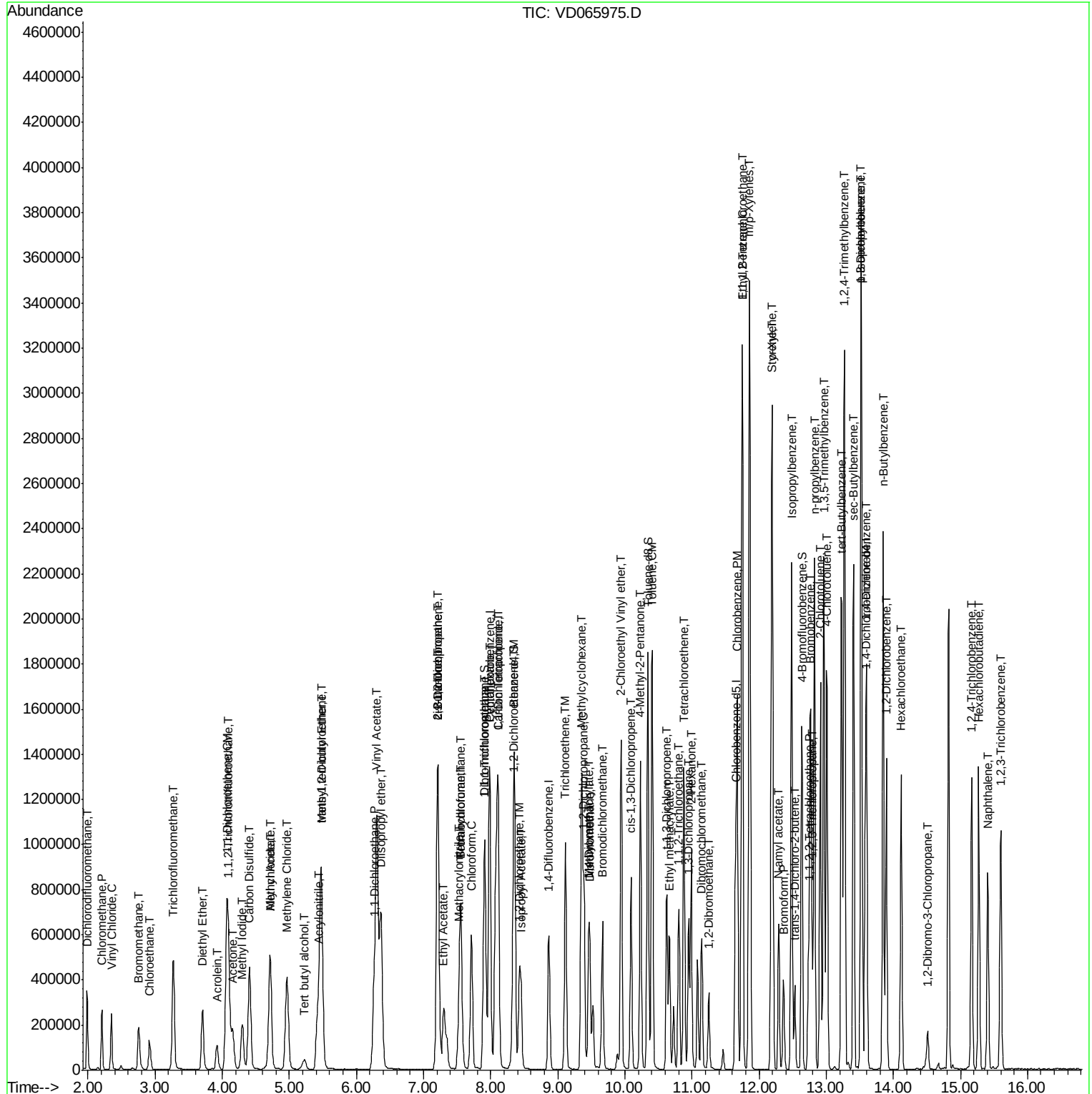
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072120\
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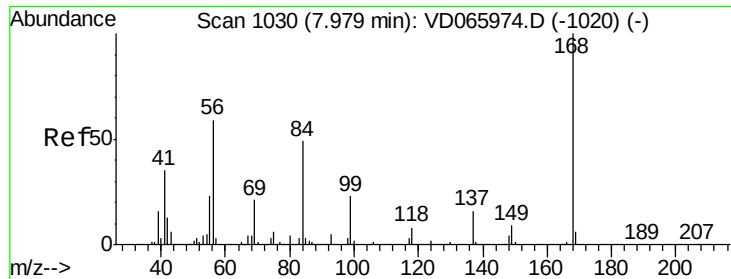
Instrument :
MSVOA_D
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 379843

Ion Ratio Lower Upper

168 100

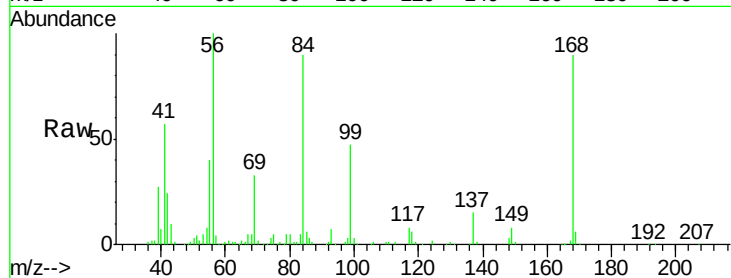
99 51.6 40.8 61.2

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

7.98

150000

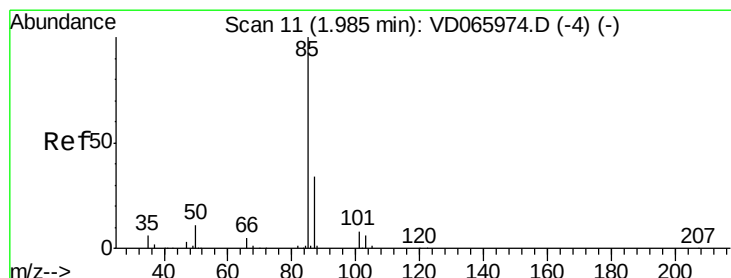
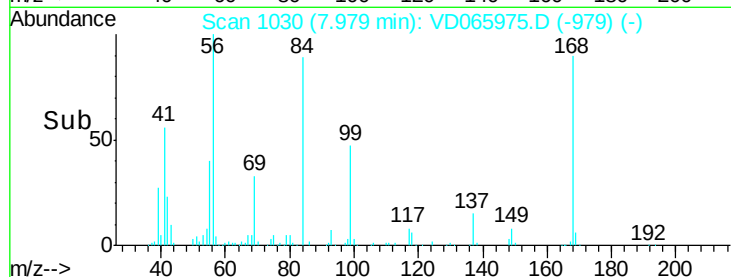
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 81.308 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065975.D

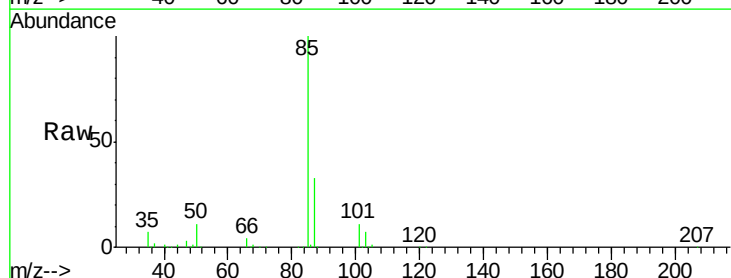
Acq: 21 Jul 2020 11:43

Tgt Ion: 85 Resp: 248465

Ion Ratio Lower Upper

85 100

87 33.3 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

200000

150000

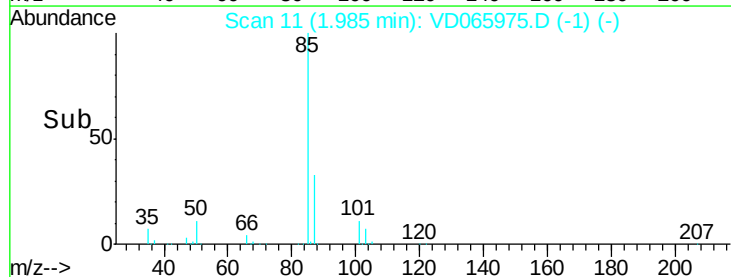
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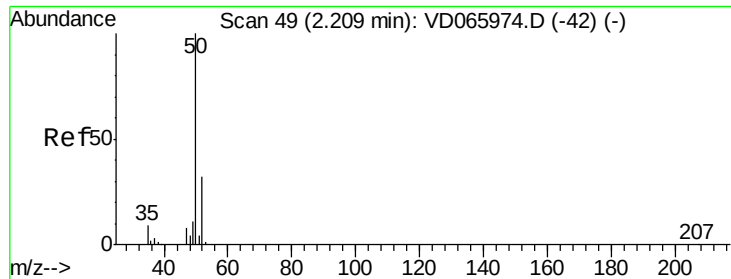
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 89.395 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 215733

Ion Ratio Lower Upper

50 100

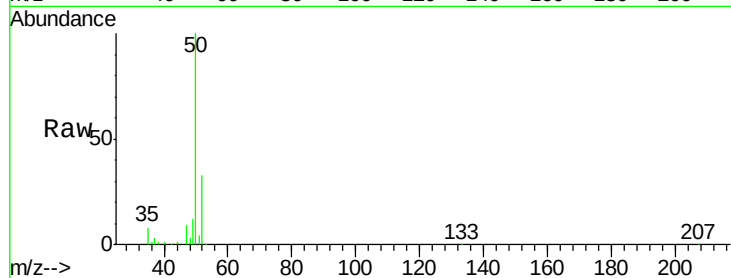
52 33.2 25.8 38.8

Manual Integrations

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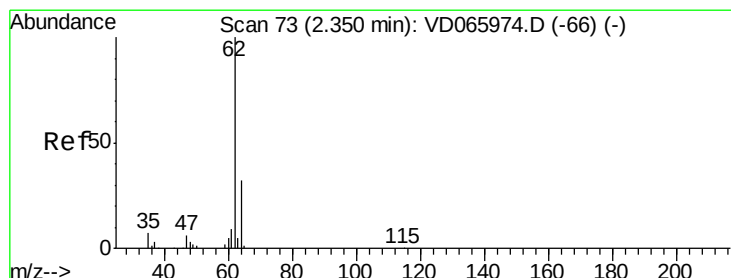
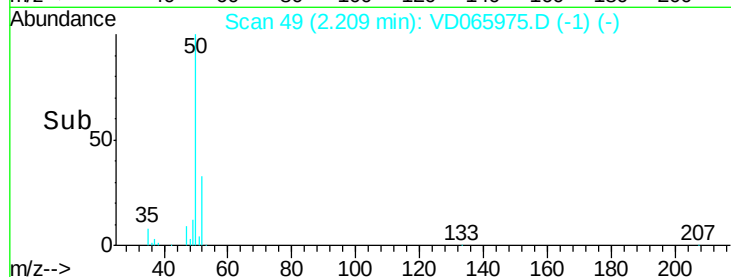
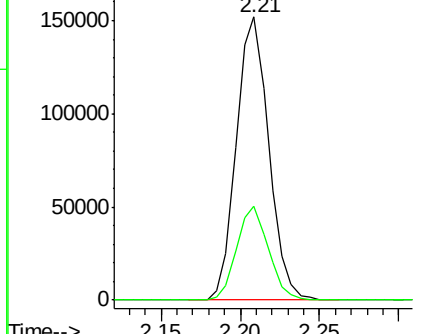
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 91.391 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065975.D

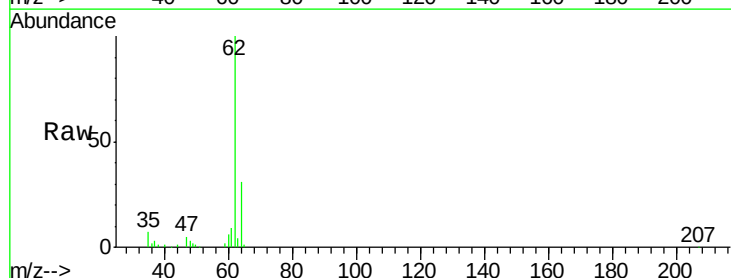
Acq: 21 Jul 2020 11:43

Tgt Ion: 62 Resp: 212950

Ion Ratio Lower Upper

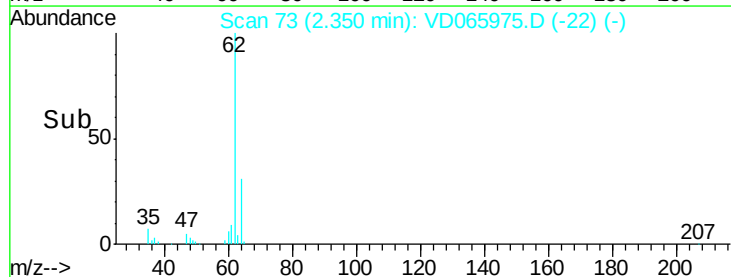
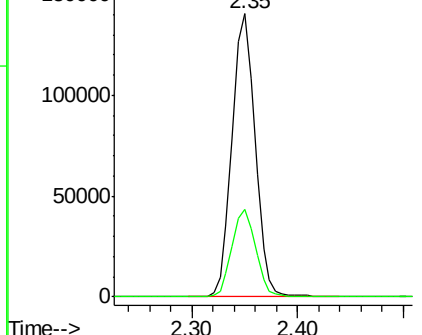
62 100

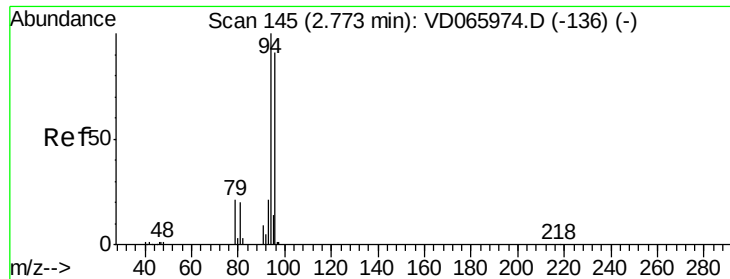
64 31.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 73.017 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 145453

Ion Ratio Lower Upper

94 100

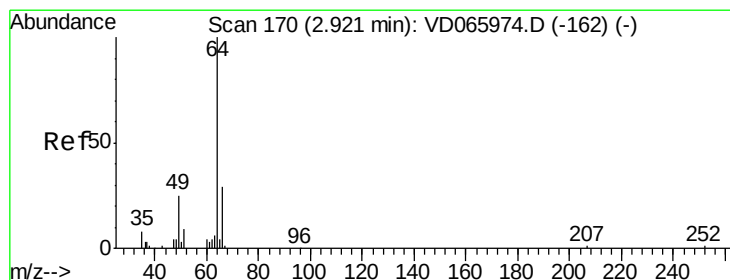
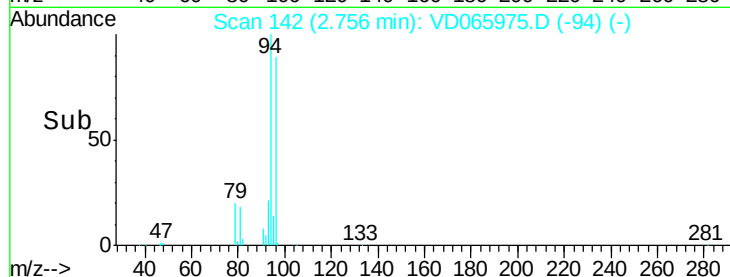
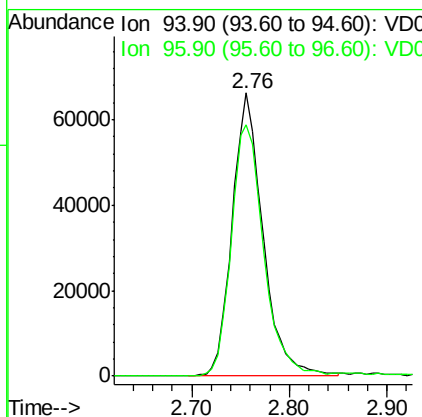
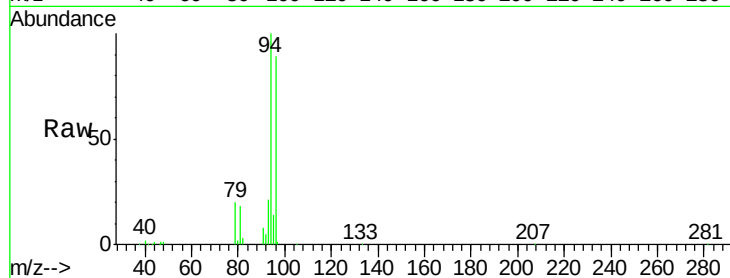
96 88.6 73.0 109.4

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#6

Chloroethane

Concen: 92.443 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD065975.D

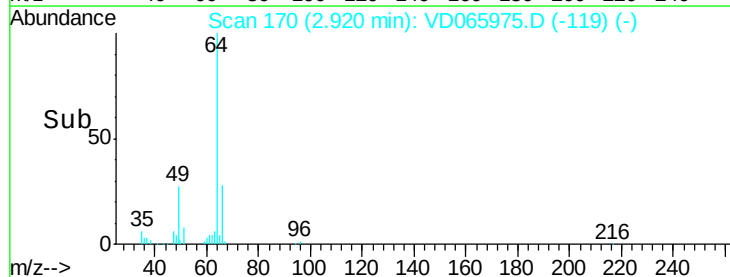
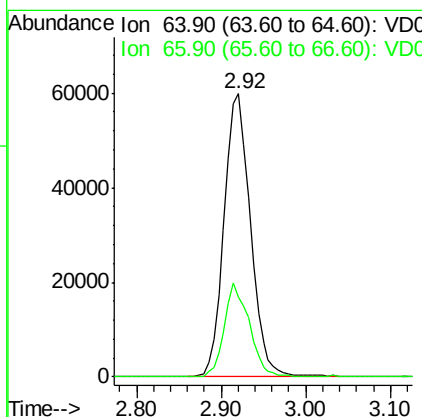
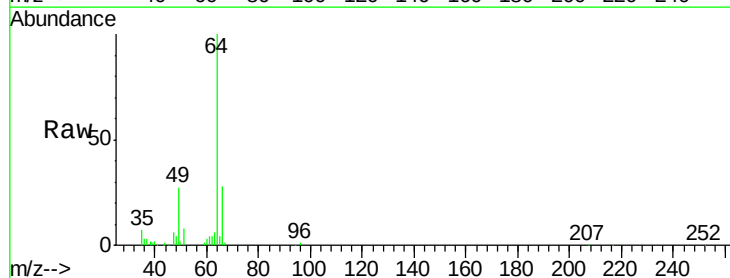
Acq: 21 Jul 2020 11:43

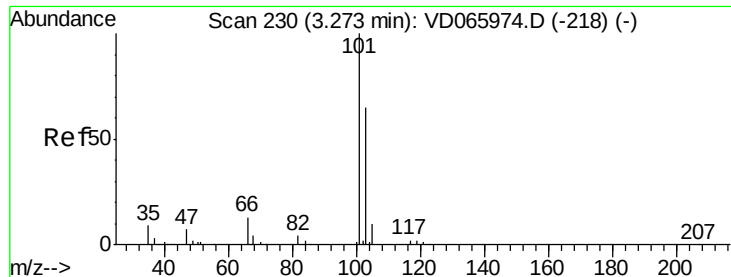
Tgt Ion: 64 Resp: 129807

Ion Ratio Lower Upper

64 100

66 28.2 23.4 35.0





#7

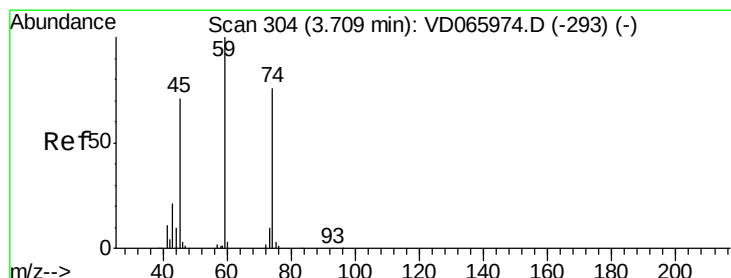
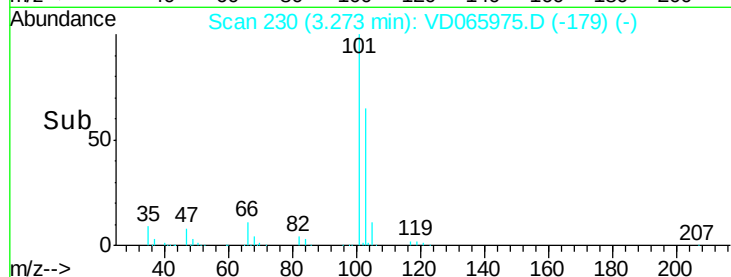
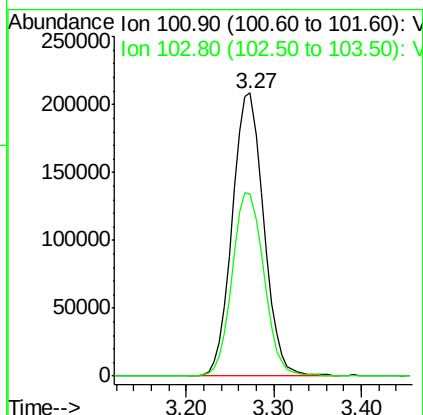
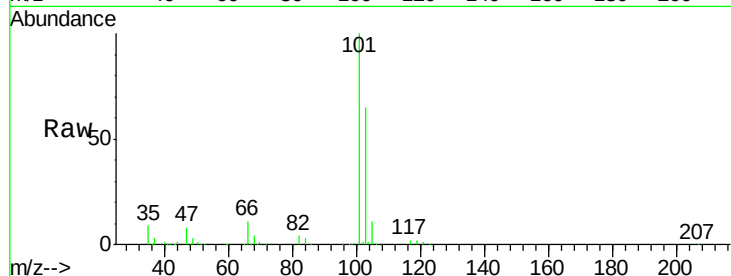
Trichlorofluoromethane
Concen: 90.867 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065975.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.1	78.1

Manual Integrations
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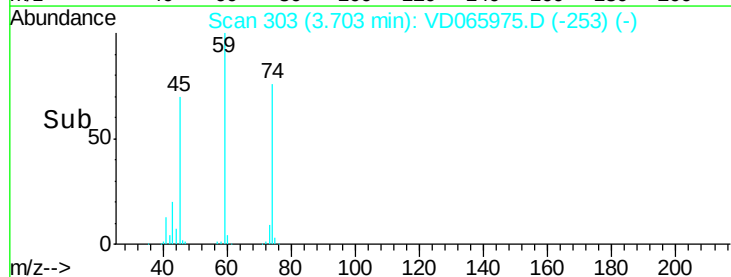
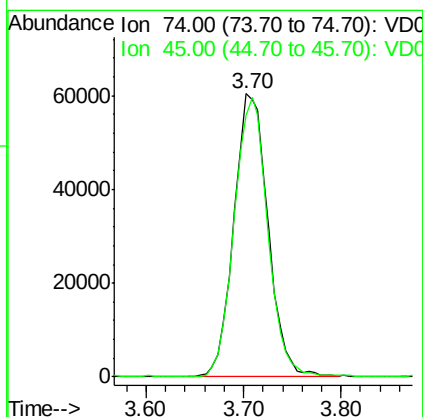
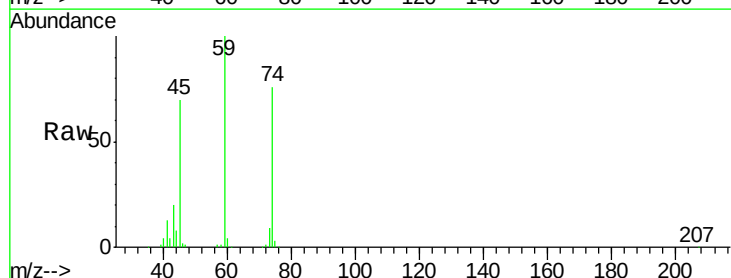
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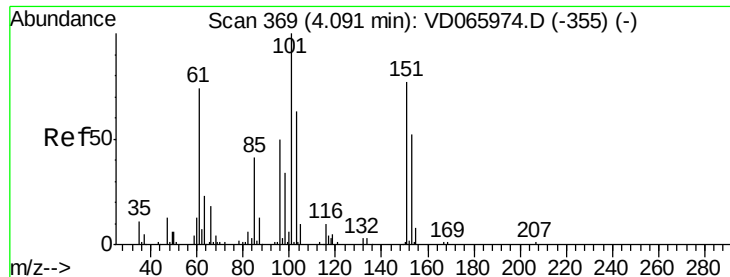


#8

Diethyl Ether
Concen: 102.034 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.735 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

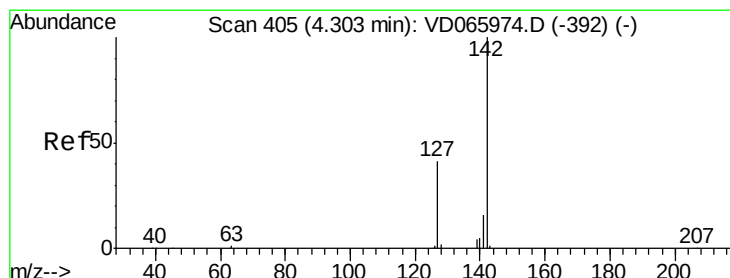
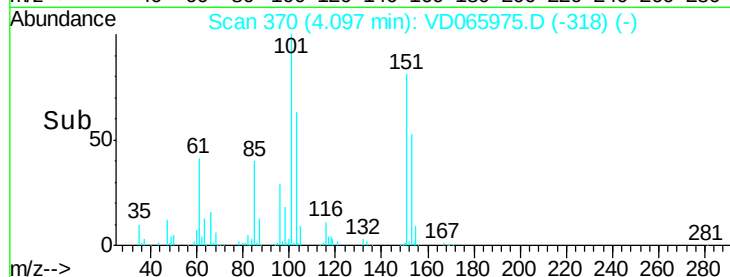
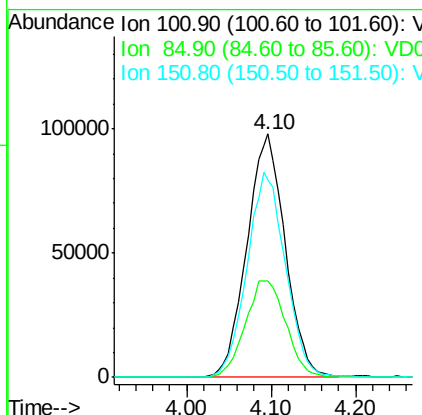
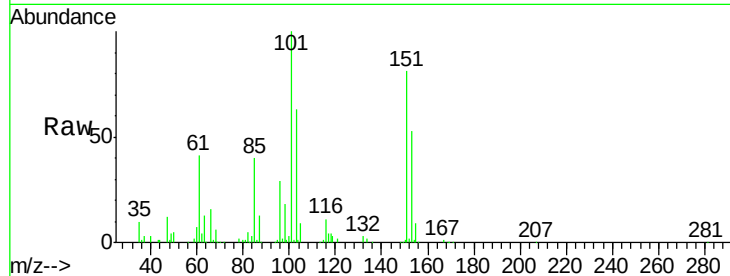
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	308336
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.6	50.4
151	84.8	66.6	99.8

Manual Integrations
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#10

Methyl Iodide

Concen: 189.467 ug/l

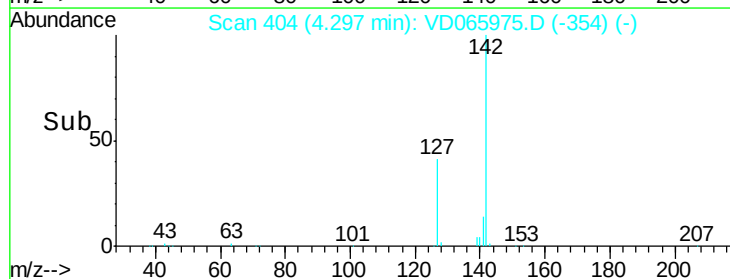
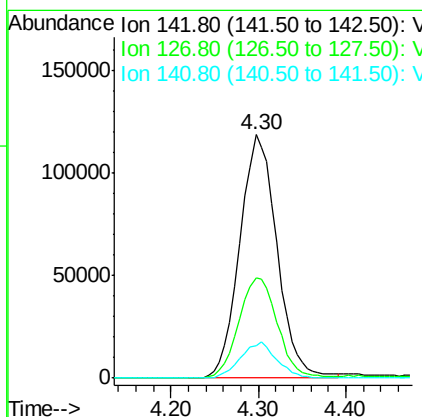
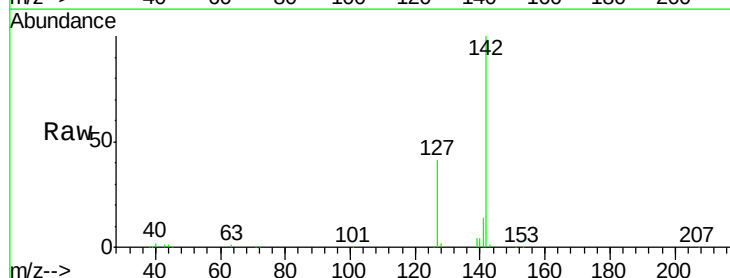
RT: 4.30 min Scan# 404

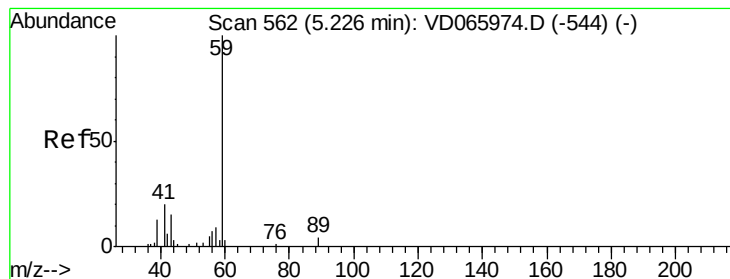
Delta R.T. -0.01 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Tgt Ion:	142	Resp:	344136
Ion Ratio	Lower	Upper	
142	100		
127	43.1	32.9	49.3
141	14.3	11.8	17.6





#11

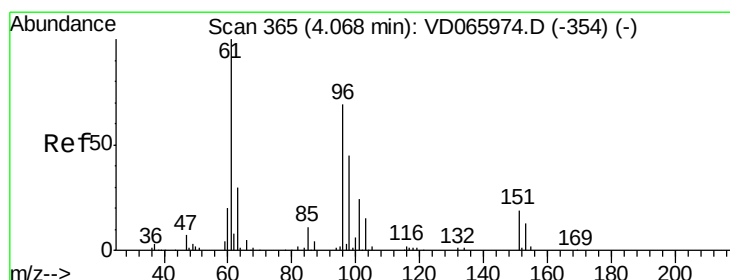
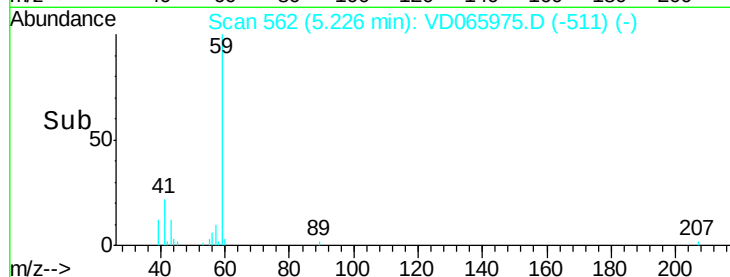
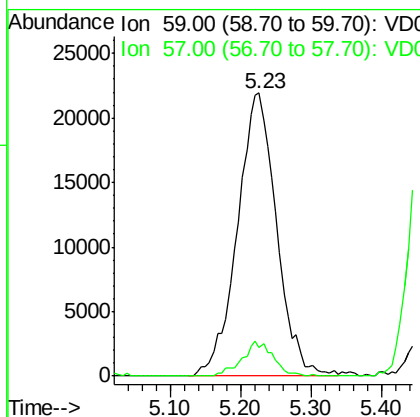
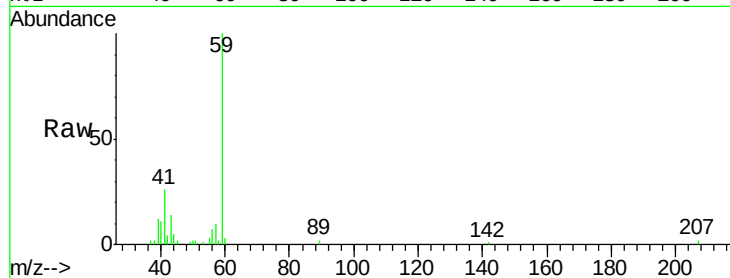
Tert butyl alcohol
 Concen: 322.988 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	4.5	6.7#

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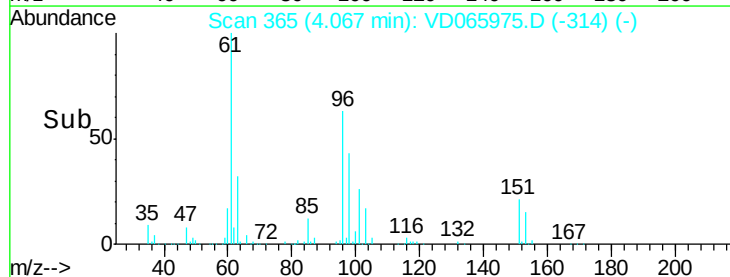
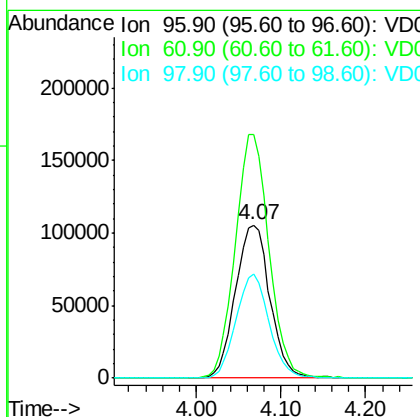
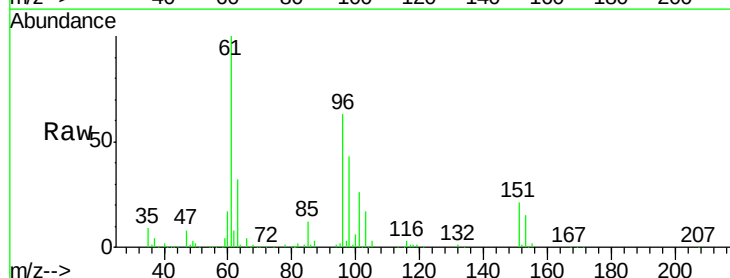
MMDadoda
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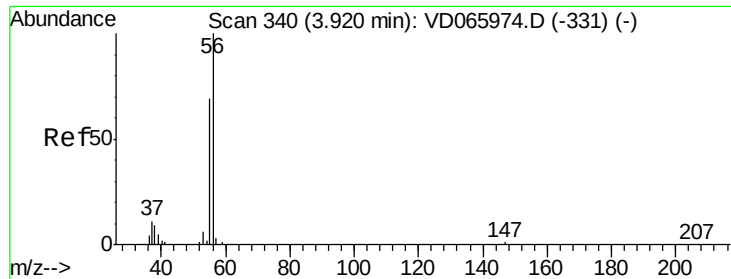


#12

1,1-Dichloroethene
 Concen: 94.703 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	115.4	173.0
98	67.8	51.5	77.3





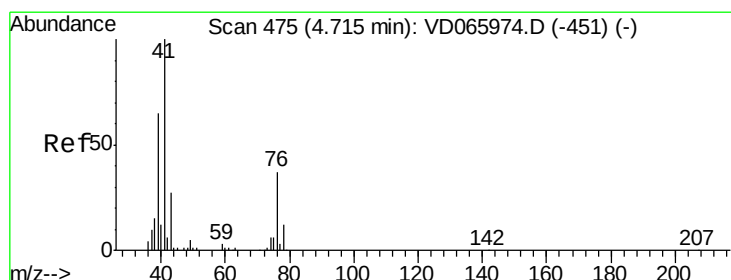
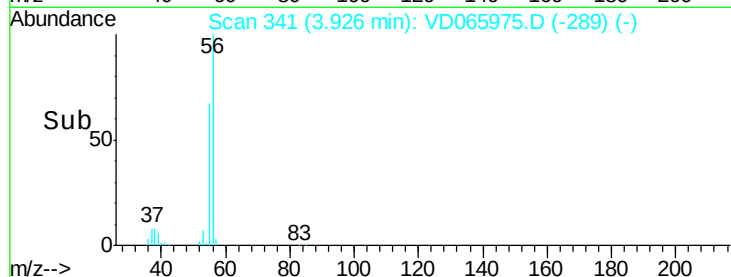
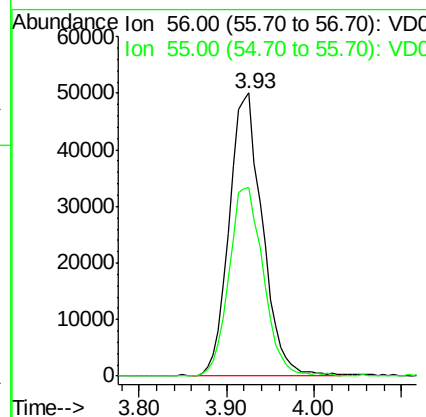
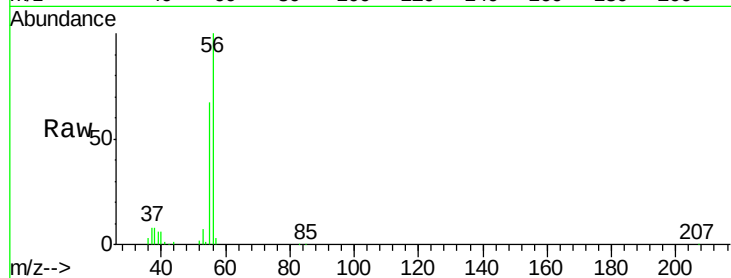
#13
Acrolein
Concen: 514.030 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.01 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	56	Resp	130288
Ion Ratio	100	Lower	Upper
56	100		
55	68.7	55.8	83.8

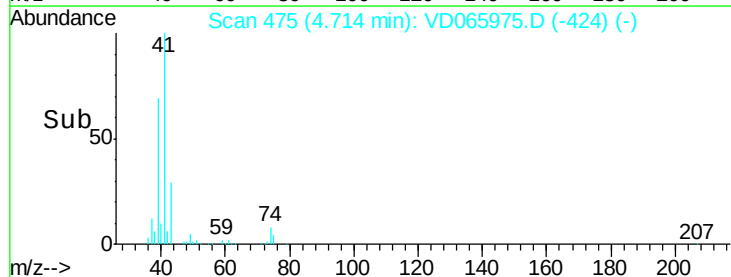
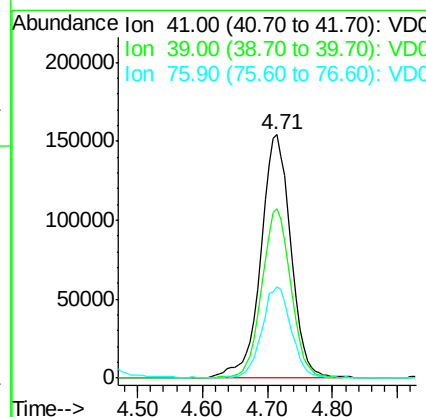
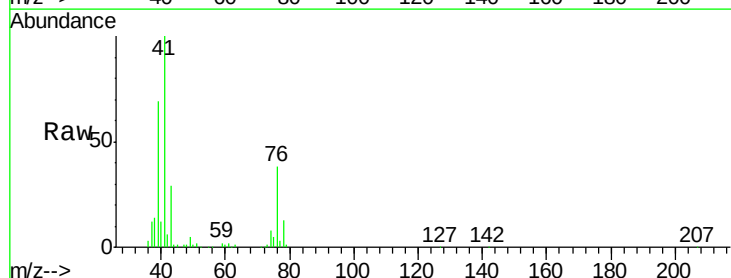
Manual Integrations
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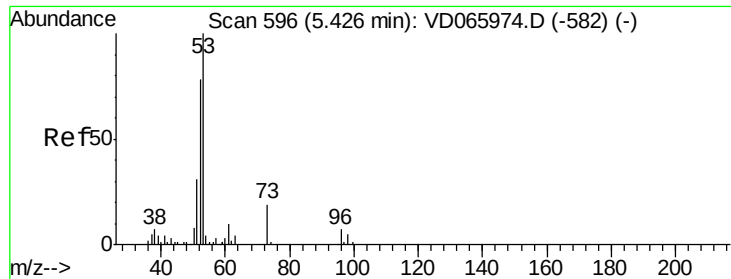
MMDadoda
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#14
Allyl chloride
Concen: 101.725 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	41	Resp	492871
Ion Ratio	100	Lower	Upper
41	100		
39	67.5	53.4	80.2
76	35.8	29.1	43.7





#15

Acrylonitrile

Concen: 527.485 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

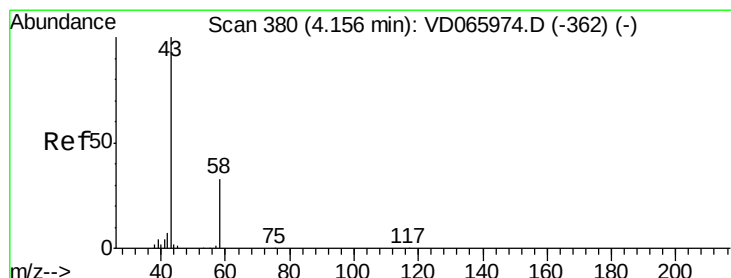
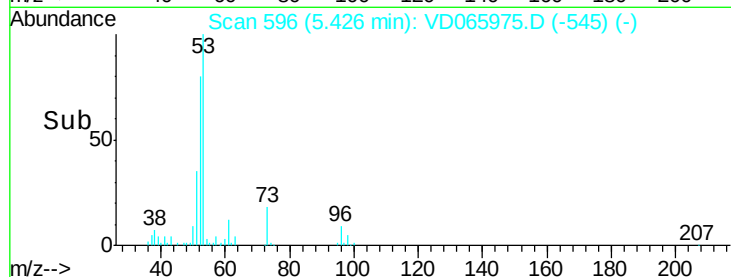
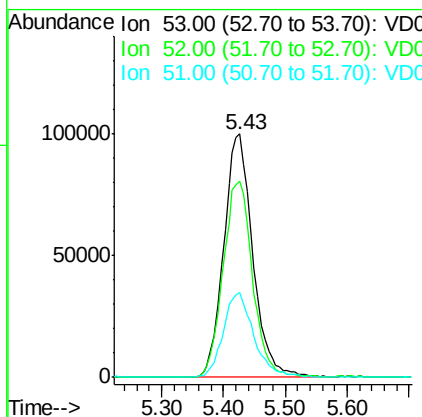
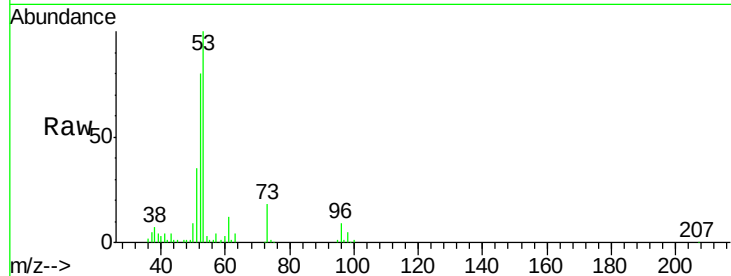
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	326747
Ion	Ratio	Lower	Upper
53	100		
52	81.4	67.1	100.7
51	36.9	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 490.500 ug/l

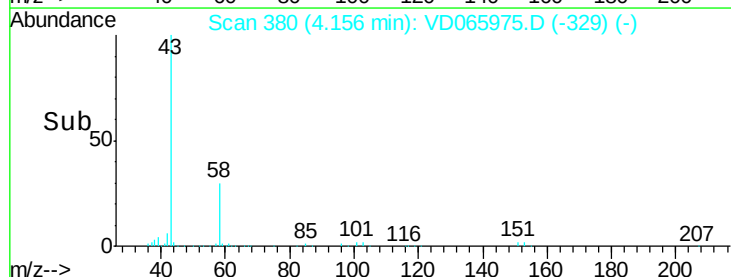
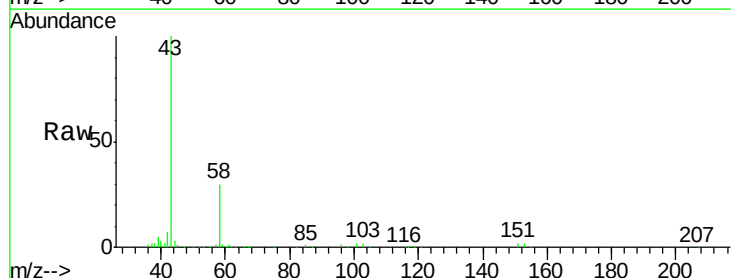
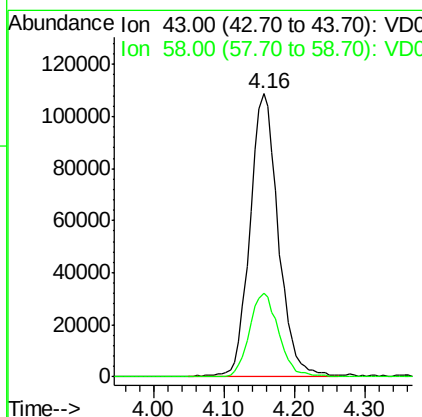
RT: 4.16 min Scan# 380

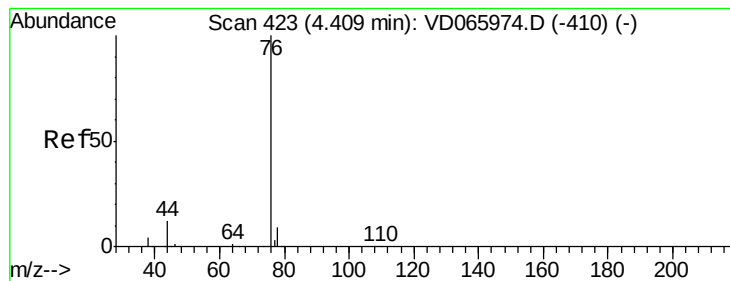
Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Tgt Ion:	43	Resp:	306252
Ion	Ratio	Lower	Upper
43	100		
58	29.8	26.3	39.5





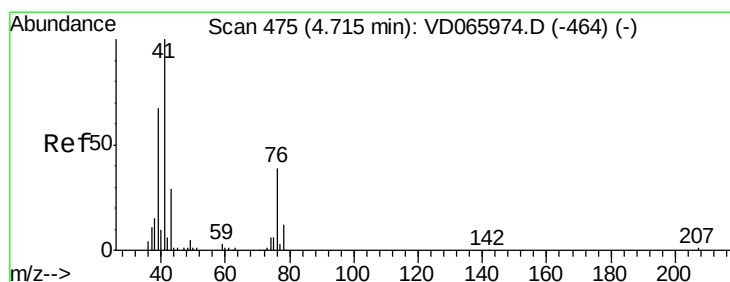
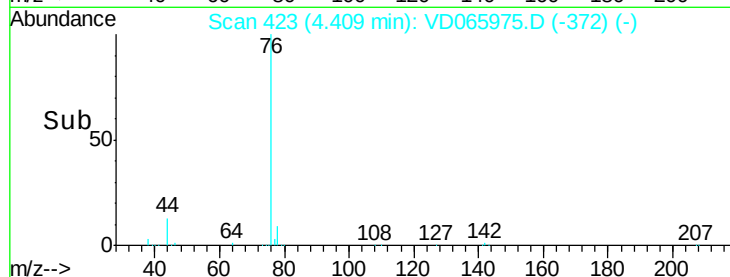
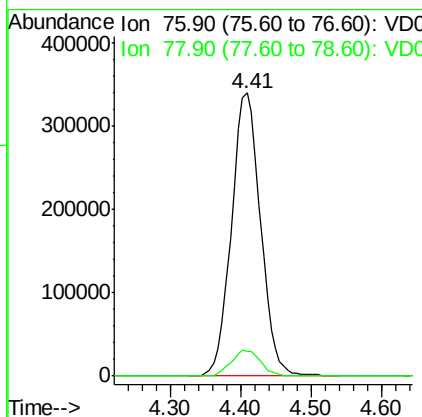
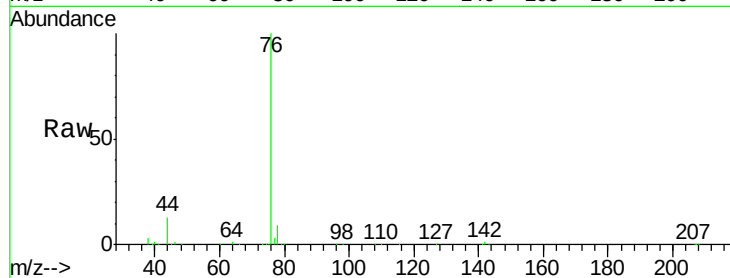
#17
Carbon Disulfide
Concen: 94.441 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

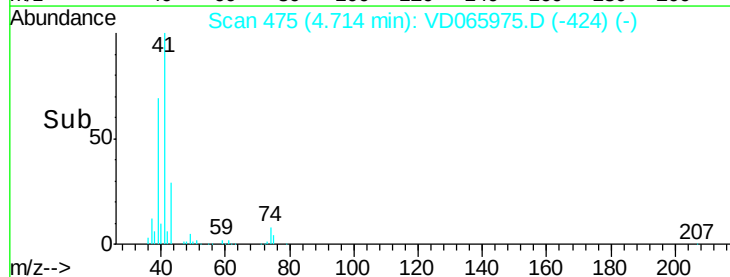
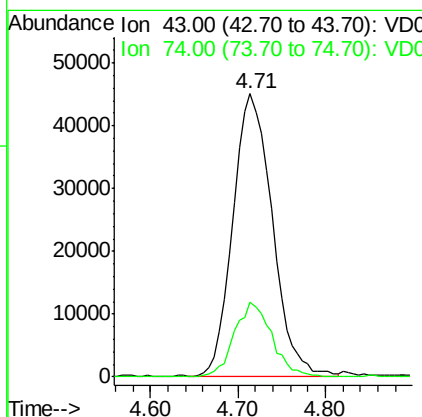
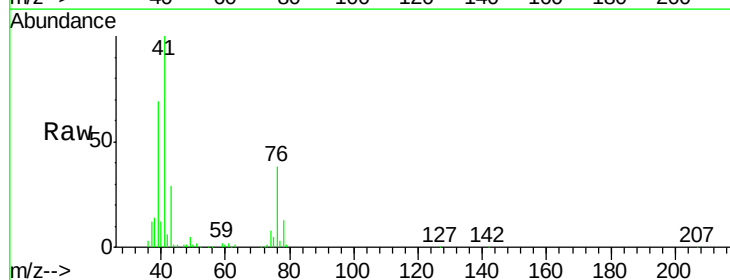
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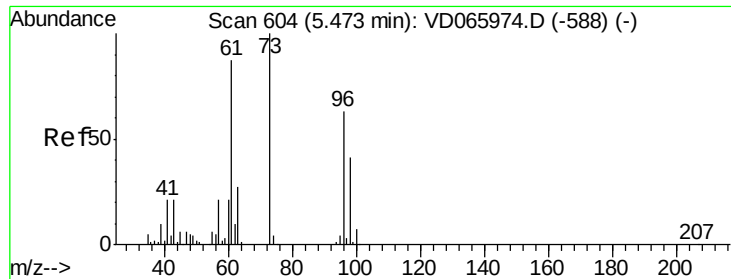
MMDadoda
7/22/2020 2:44:24 PM



#18
Methyl Acetate
Concen: 96.817 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.2	28.8





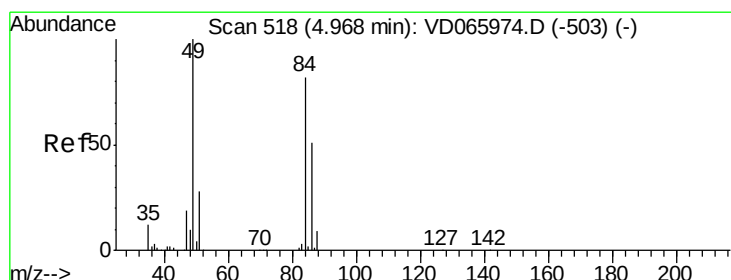
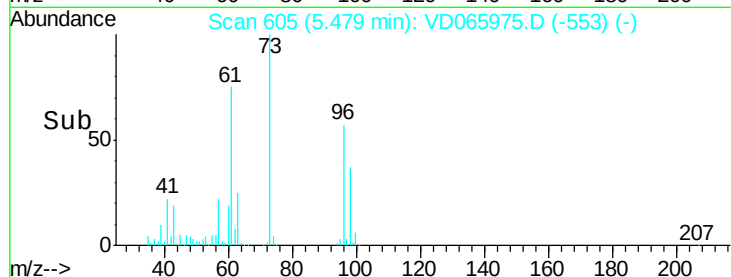
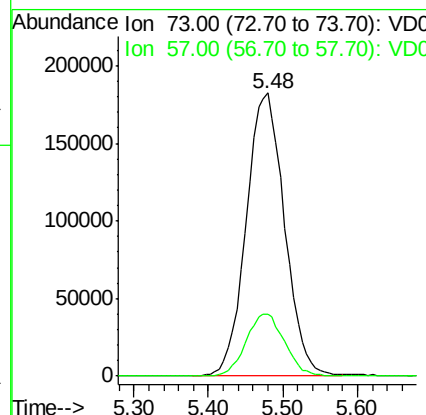
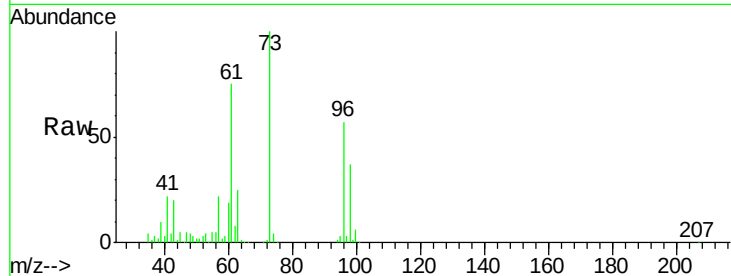
#19
Methyl tert-butyl Ether
Concen: 104.964 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 649846
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.4

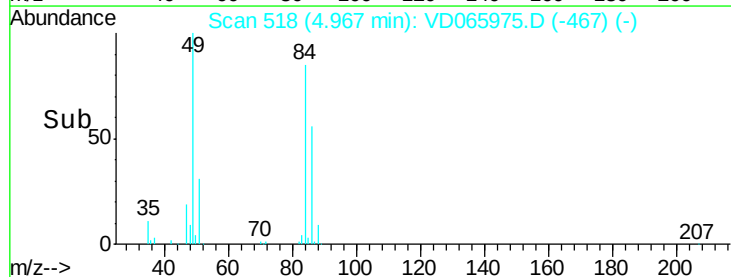
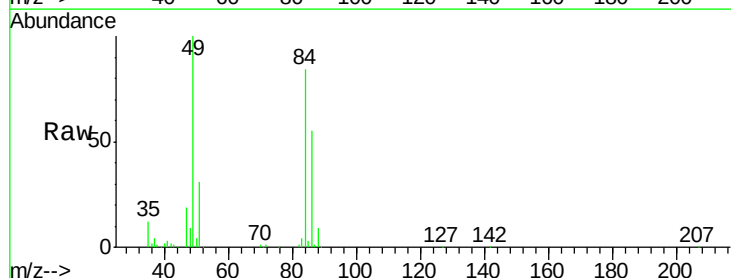
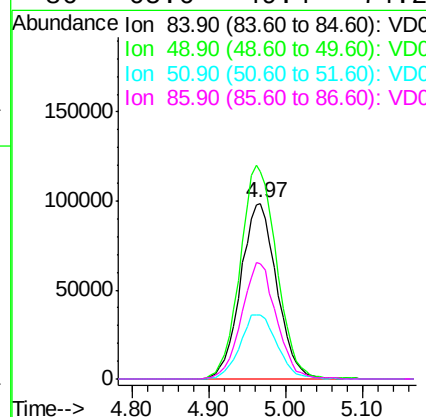
Manual Integrations
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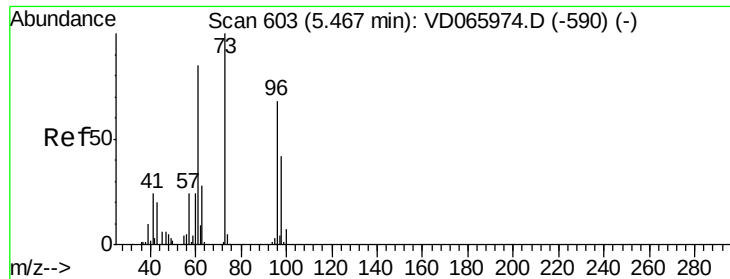
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#20
Methylene Chloride
Concen: 75.146 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion: 84 Resp: 323699
Ion Ratio Lower Upper
84 100
49 118.4 97.7 146.5
51 36.6 27.4 41.2
86 65.6 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 97.639 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

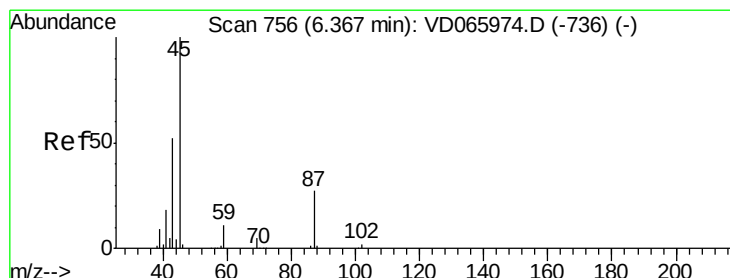
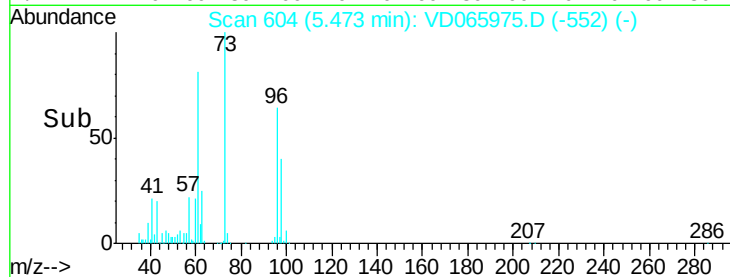
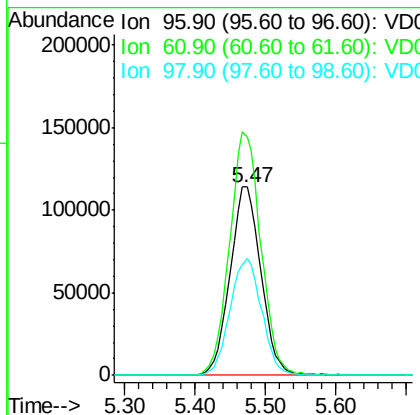
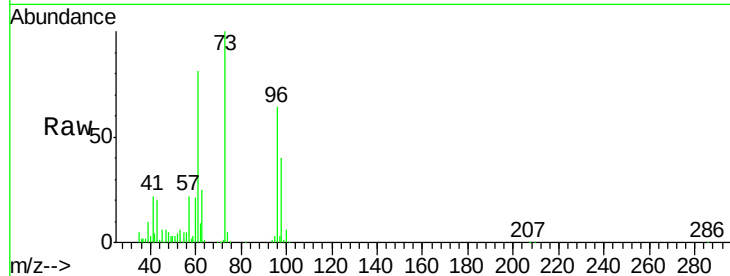
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	348093
Ion	Ratio	Lower	Upper
96	100		
61	126.5	100.5	150.7
98	62.1	49.7	74.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 100.837 ug/l

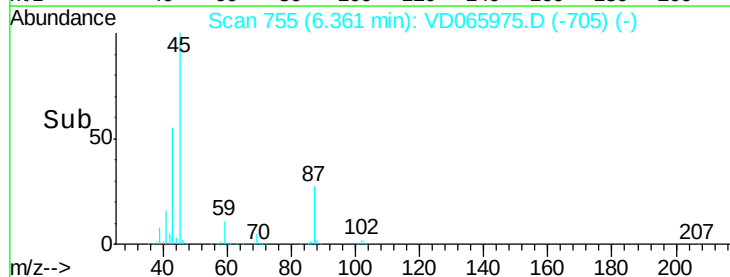
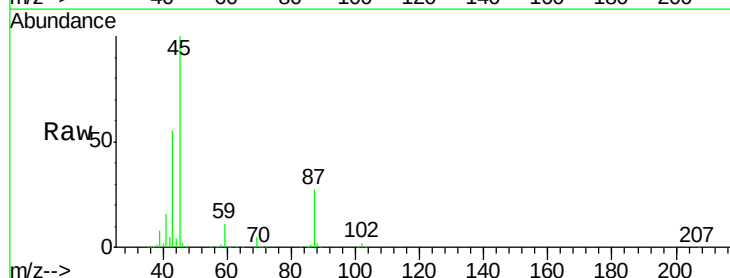
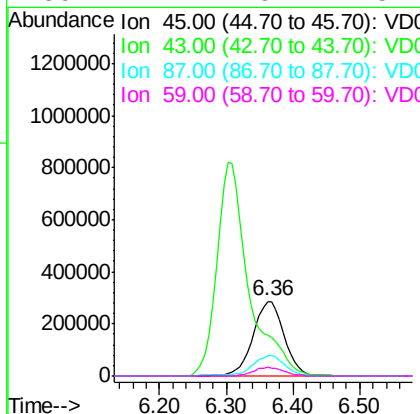
RT: 6.36 min Scan# 755

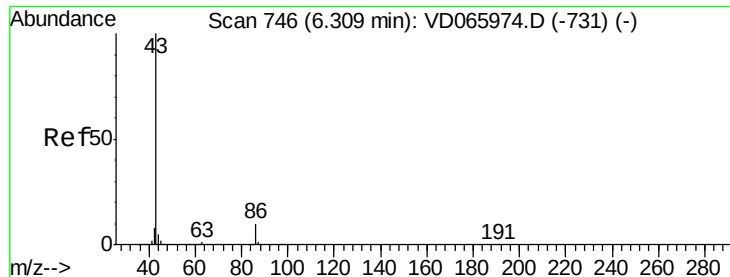
Delta R.T. -0.01 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Tgt Ion:	45	Resp:	924917
Ion	Ratio	Lower	Upper
45	100		
43	54.9	43.0	64.4
87	26.6	22.0	33.0
59	11.1	9.1	13.7





#23

Vinyl Acetate

Concen: 548.688 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Tot Ion: 43 Resp: 2761637

Ion Ratio Lower Upper

43 100

86 11.0 7.9 11.9

Instrument :

MSVOA_D

ClientSampleId :

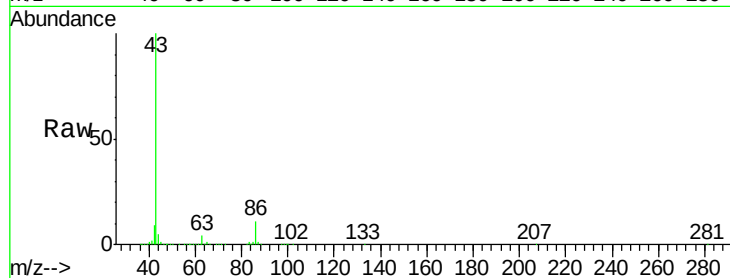
VSTDIC100

Manual Integrations

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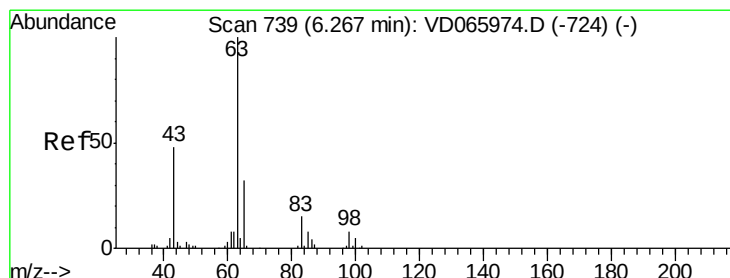
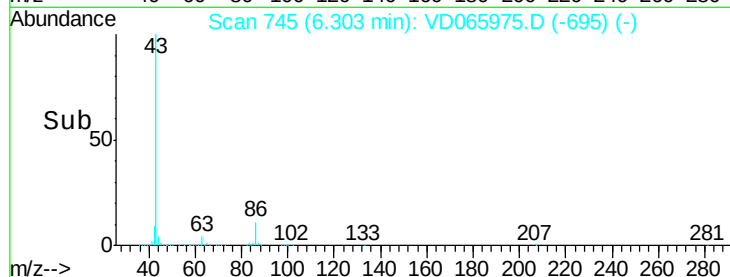
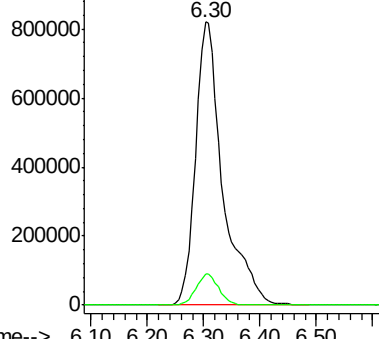
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 96.879 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

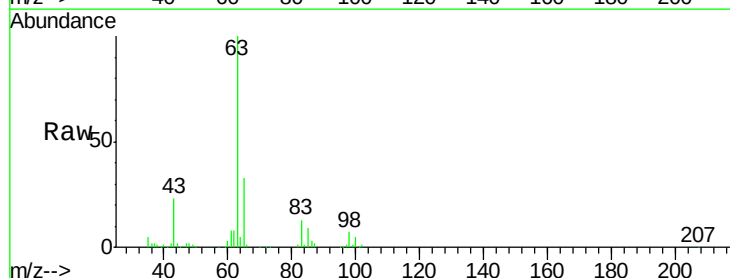
Tgt Ion: 63 Resp: 555823

Ion Ratio Lower Upper

63 100

98 7.1 4.3 12.8

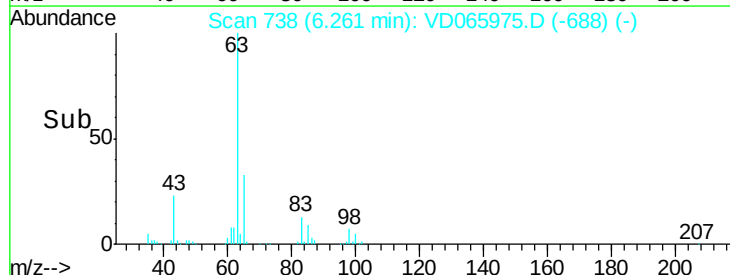
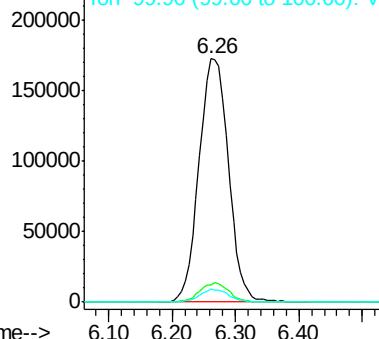
100 5.3 2.5 7.5

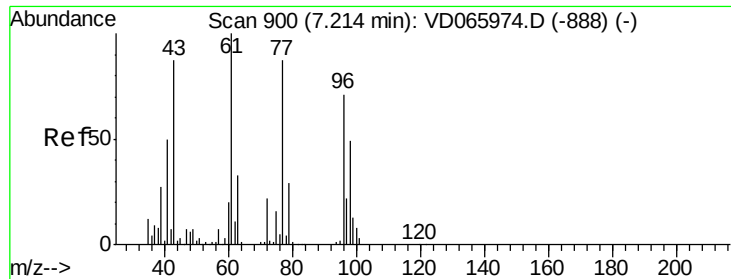


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 498.514 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 410406

Ion Ratio Lower Upper

43 100

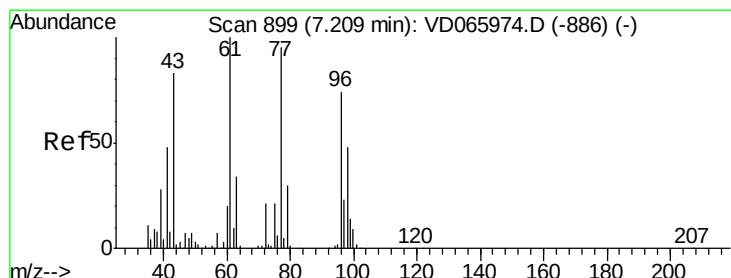
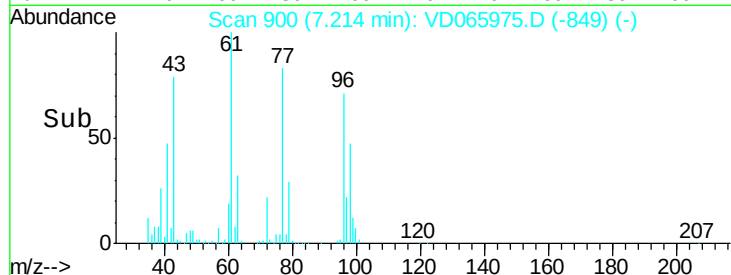
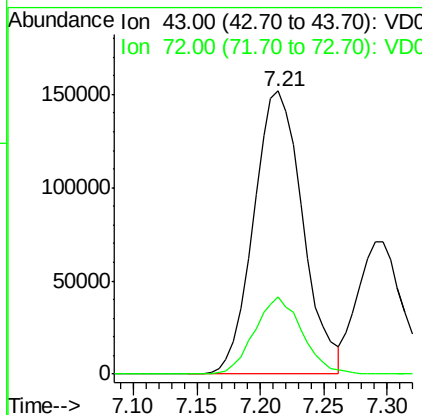
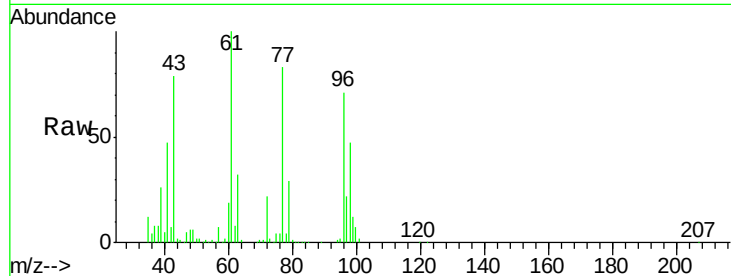
72 27.3 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 92.920 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065975.D

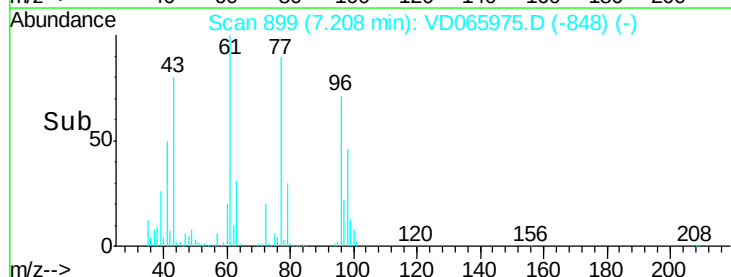
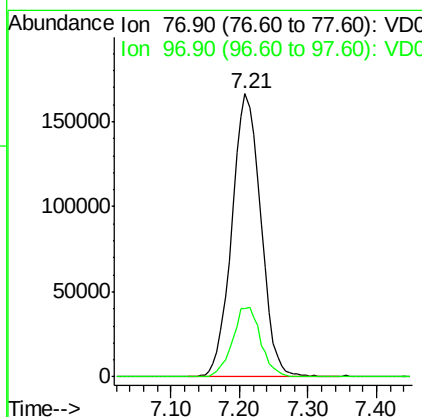
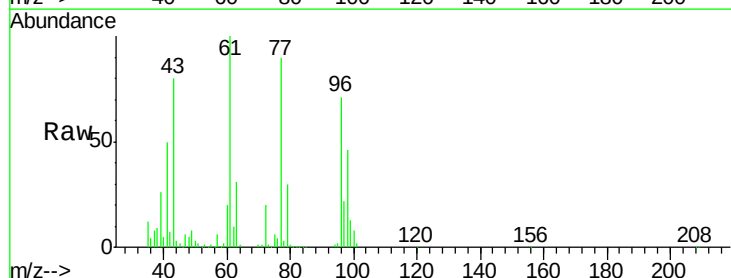
Acq: 21 Jul 2020 11:43

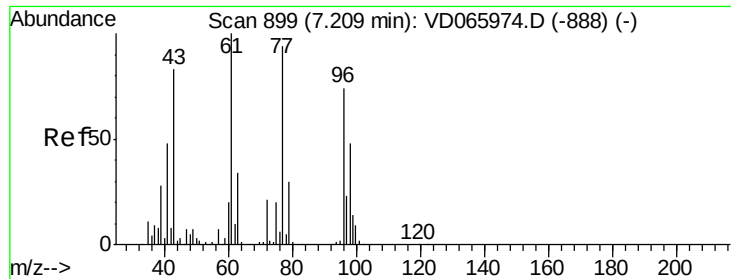
Tgt Ion: 77 Resp: 489303

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.7





#27

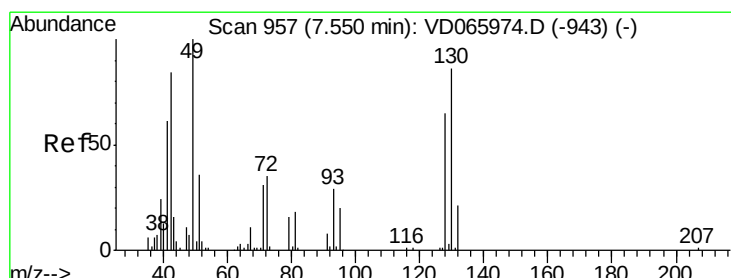
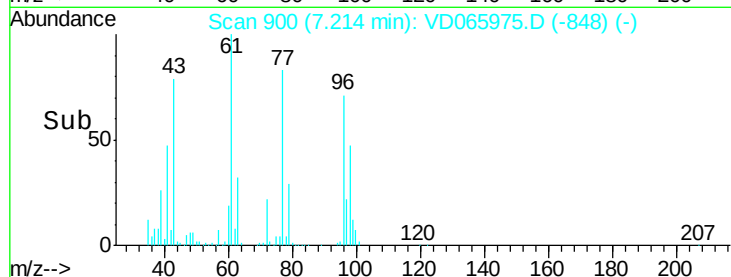
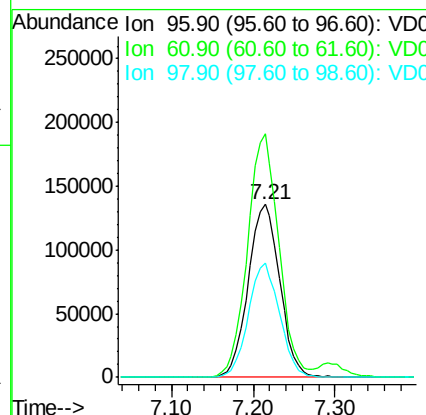
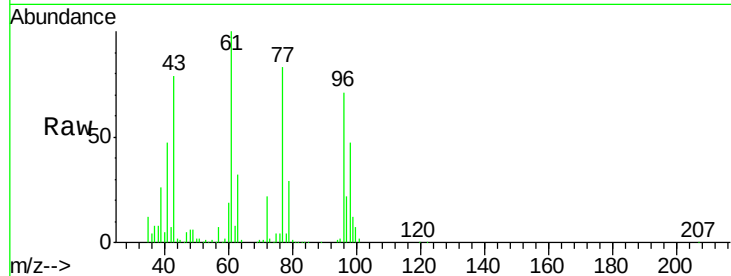
cis-1,2-Dichloroethene
 Concen: 97.817 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	365403		
61	138.9	0.0	276.6	
98	65.3	0.0	130.8	

Manual Integrations
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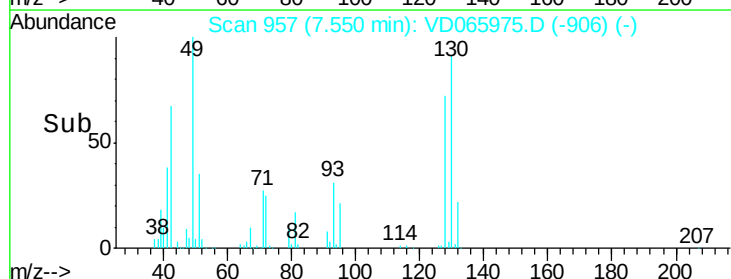
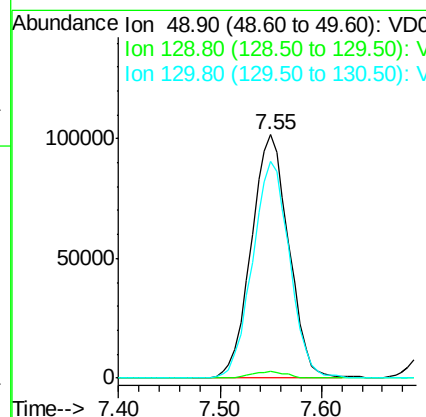
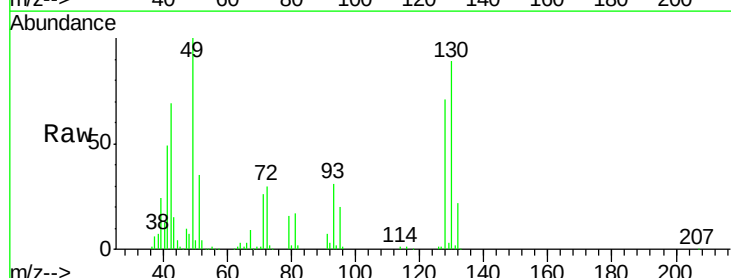
MMDadoda
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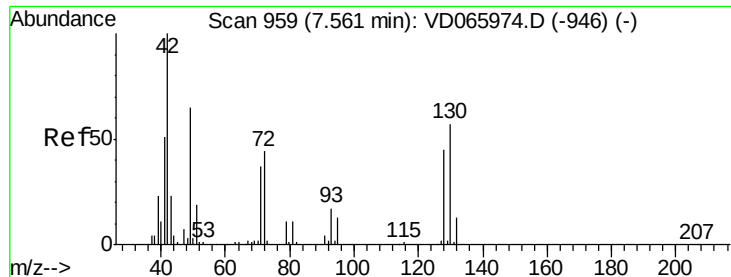


#28

Bromochloromethane
 Concen: 109.854 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	260220		
129	2.6	0.0	4.8	
130	88.3	68.4	102.6	





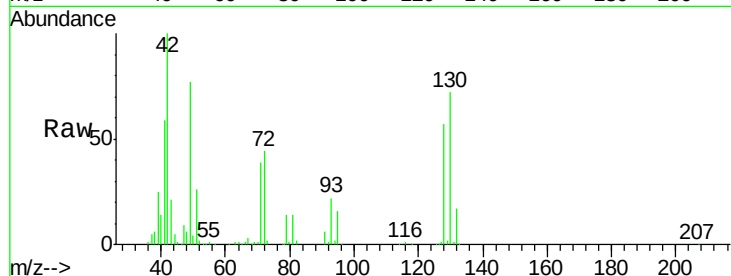
#29
Tetrahydrofuran
Concen: 512.806 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

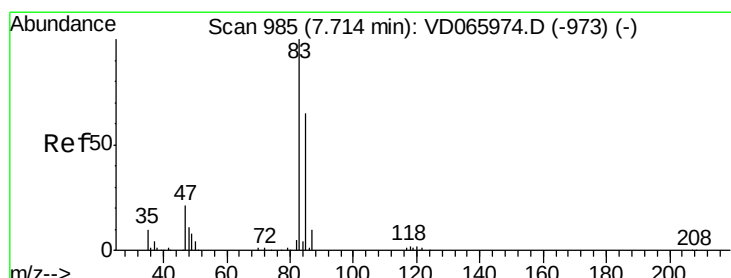
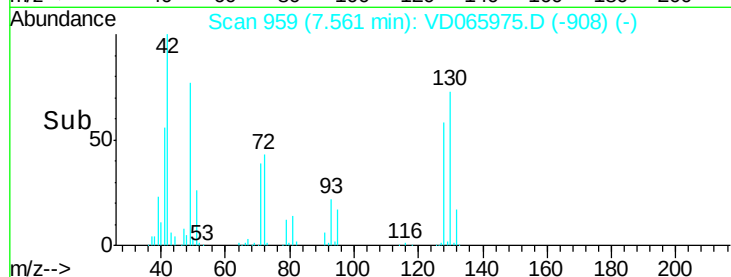
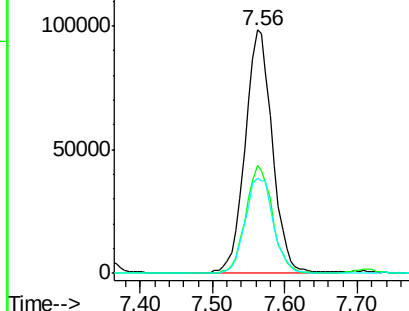
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.2	51.2
71	40.4	31.4	47.2

Manual Integrations
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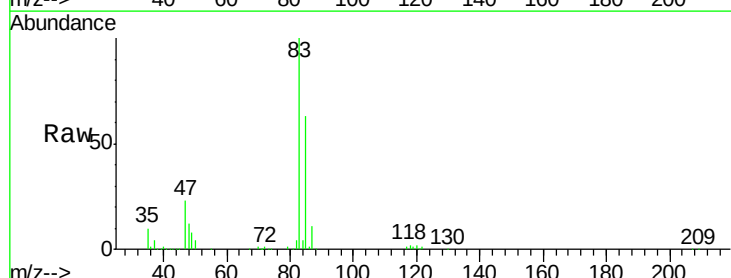


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

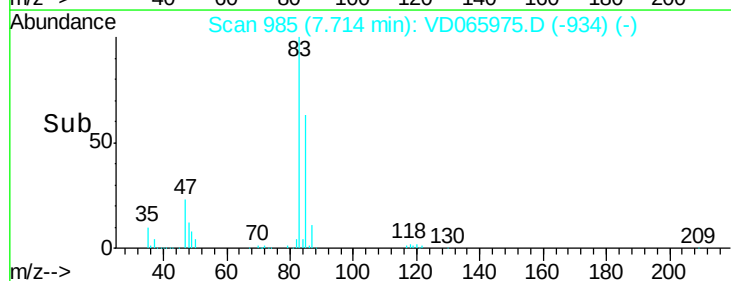
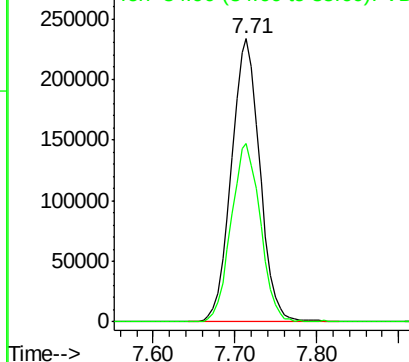


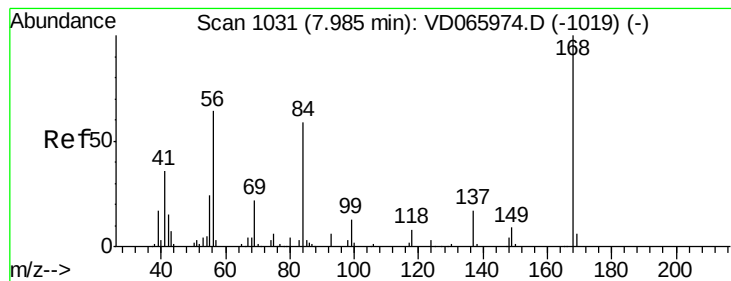
#30
Chloroform
Concen: 95.129 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.1	78.1



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





#31

Cyclohexane

Concen: 89.030 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 512618

Ion Ratio Lower Upper

56 100

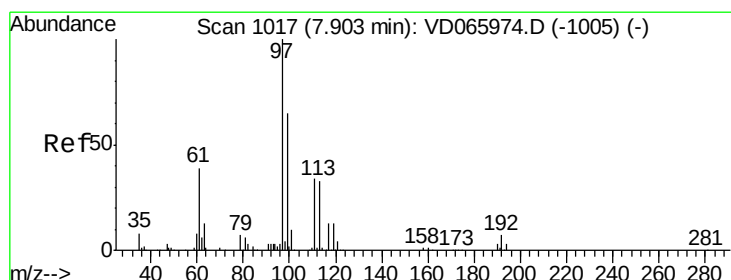
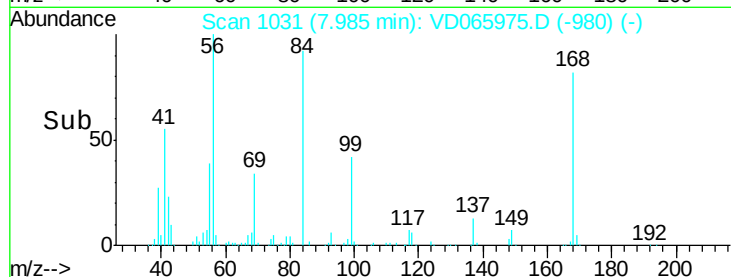
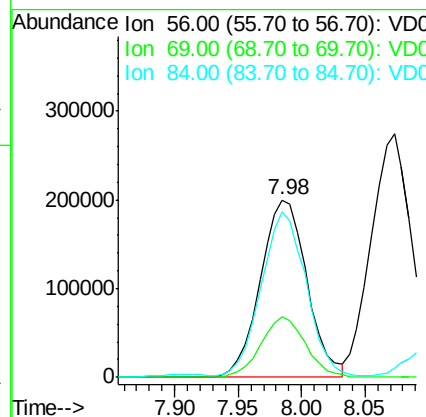
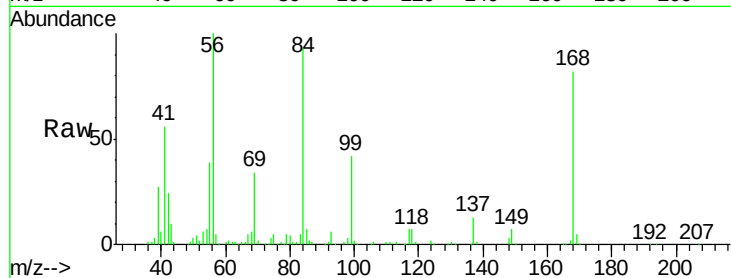
69 34.3 28.0 42.0

84 91.5 72.6 109.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 94.482 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

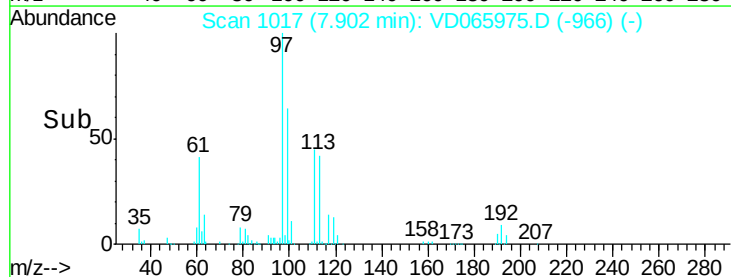
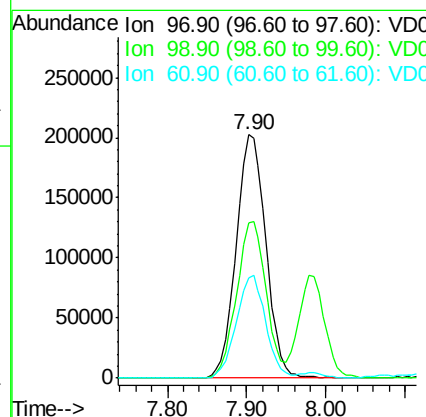
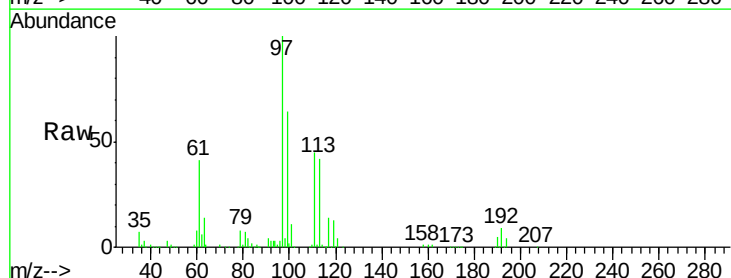
Tgt Ion: 97 Resp: 526037

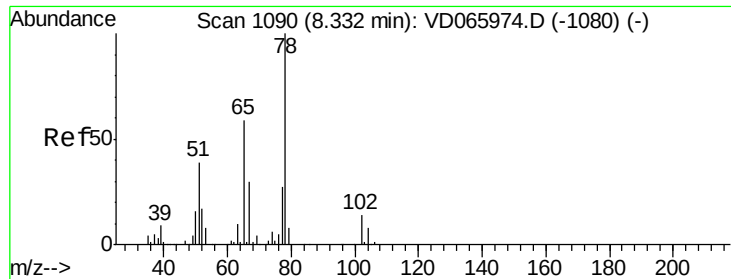
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 41.4 33.3 49.9





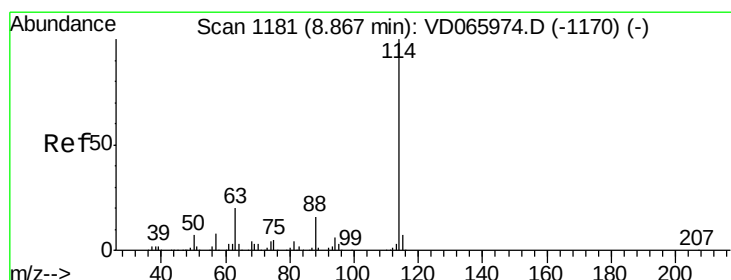
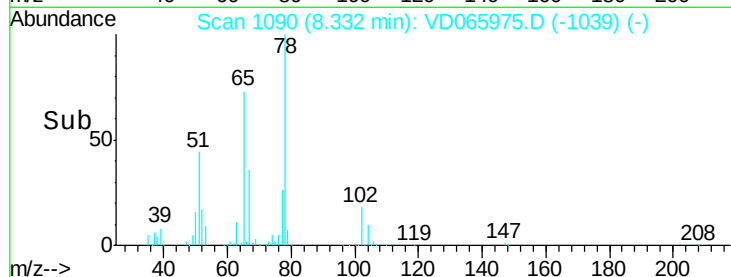
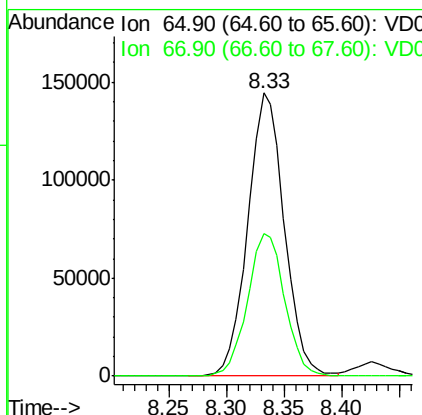
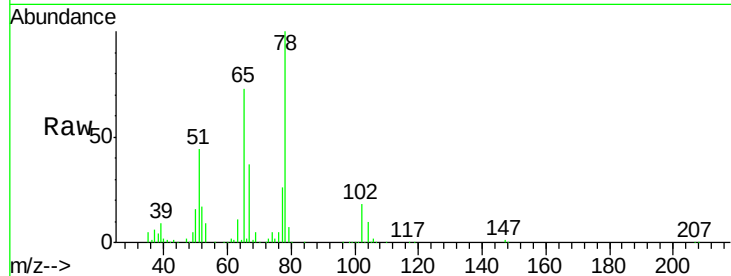
#33
 1,2-Dichloroethane-d4
 Concen: 103.004 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	318680		
67	51.6	0.0	105.0	

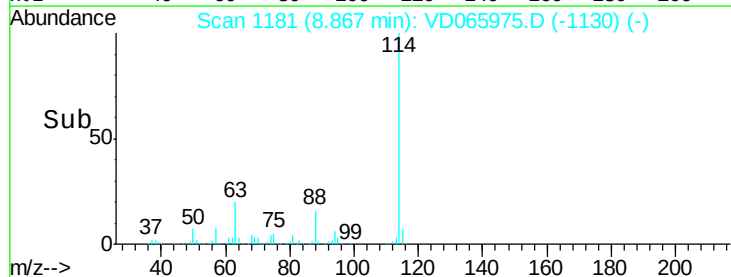
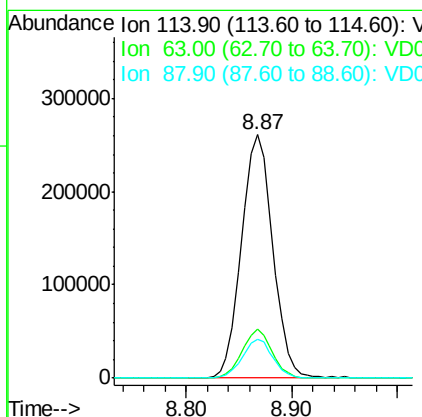
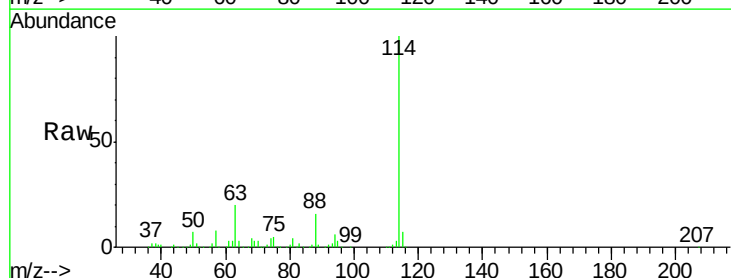
Manual Integrations
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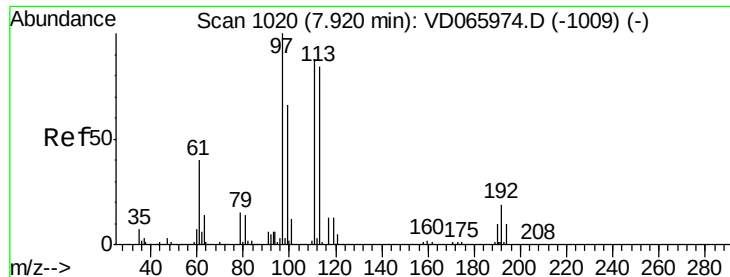
MMDadoda
 7/22/2020 2:44:24 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	538614		
63	19.9	0.0	39.6	
88	15.7	0.0	31.2	





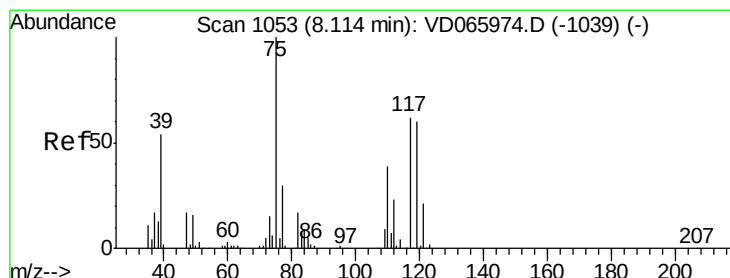
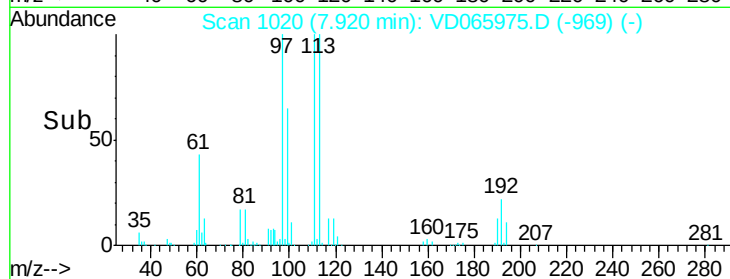
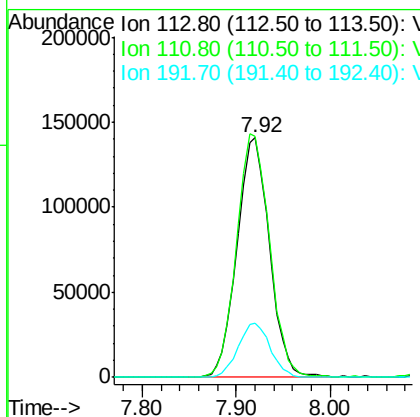
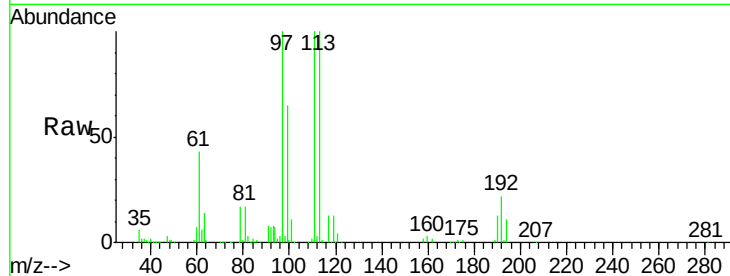
#35
 Dibromofluoromethane
 Concen: 104.373 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.2	124.8
192	22.6	18.7	28.1

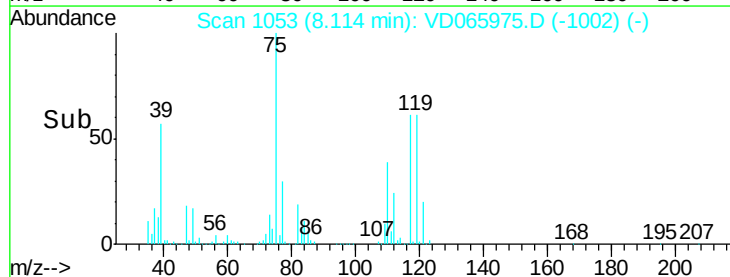
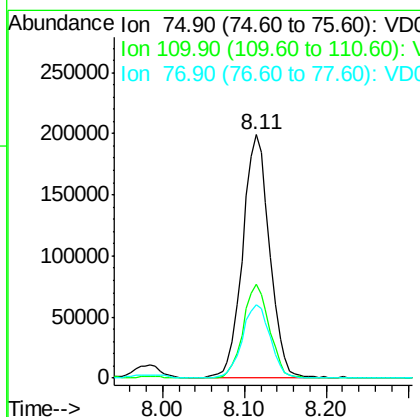
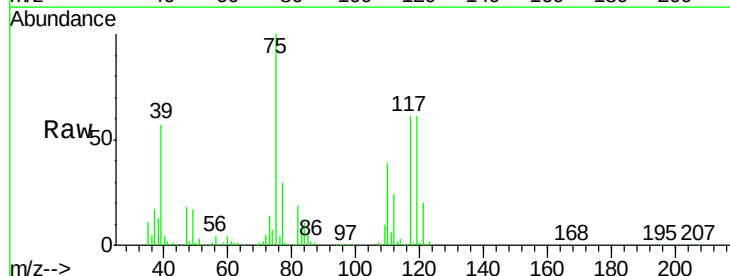
Manual Integrations
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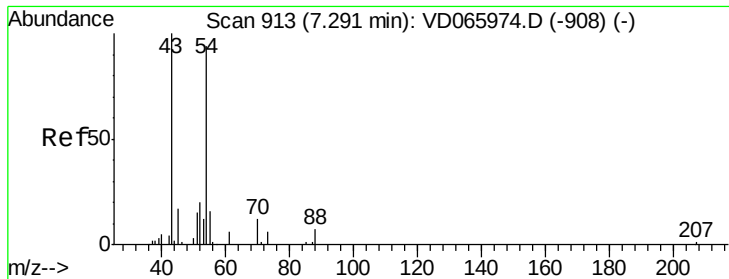
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 97.398 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	19.5	58.5
77	31.4	24.7	37.1





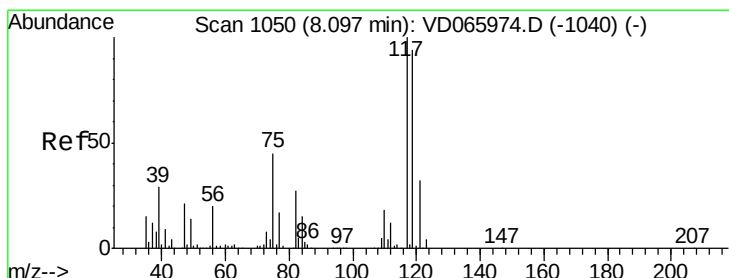
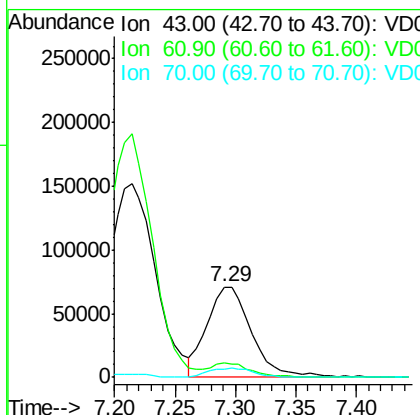
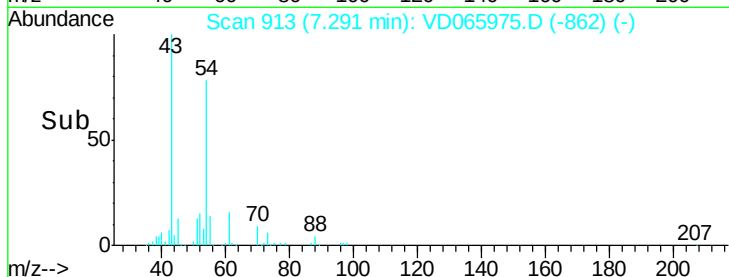
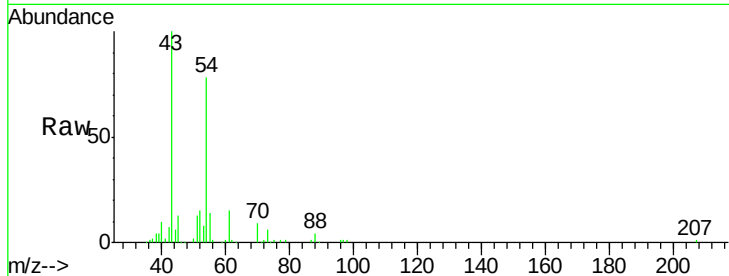
#37
Ethyl Acetate
Concen: 98.918 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.4	17.0
70	10.8	9.3	13.9

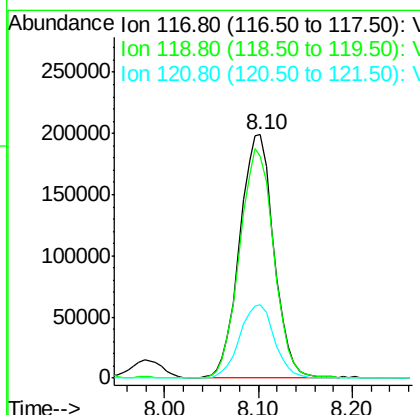
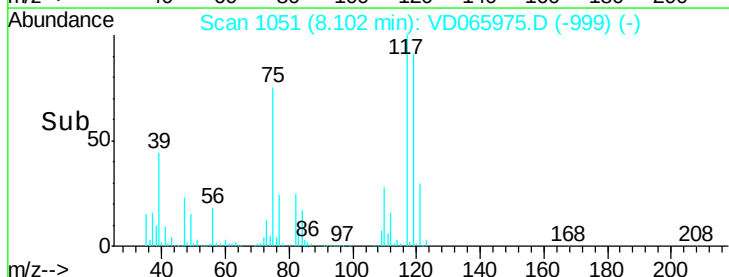
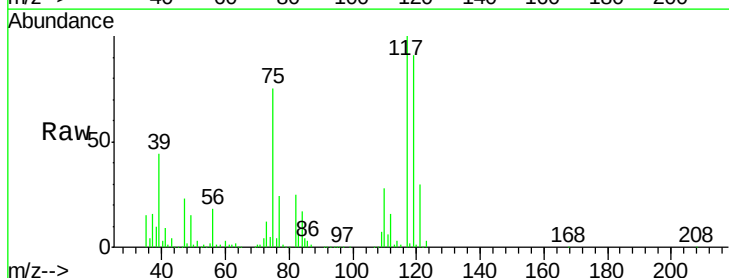
Manual Integrations
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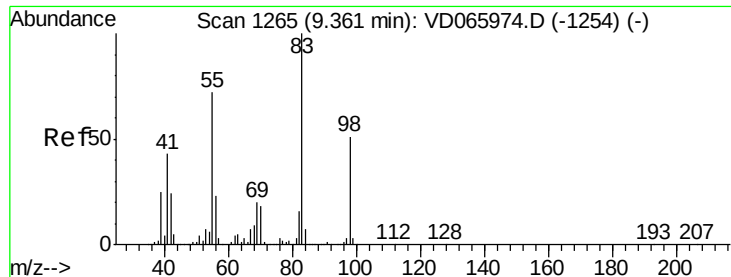
MMDadoda
7/22/2020 2:44:24 PM



#38
Carbon Tetrachloride
Concen: 100.552 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	75.0	112.6
121	30.4	25.5	38.3





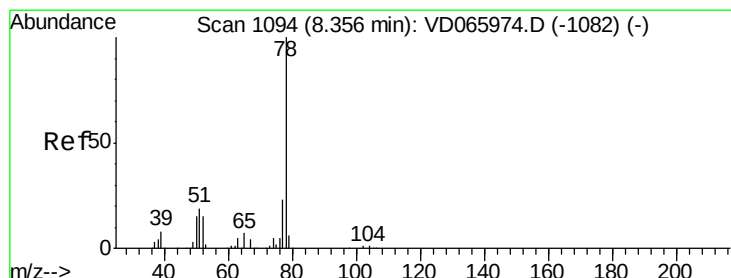
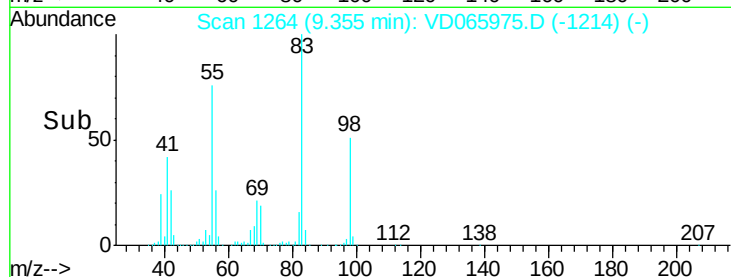
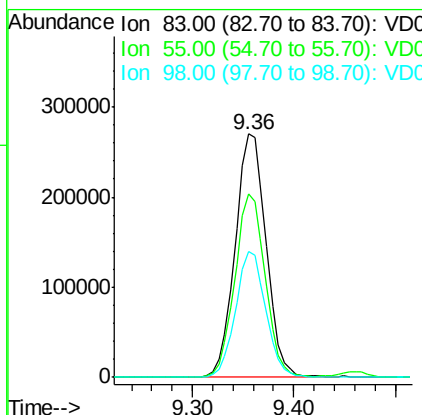
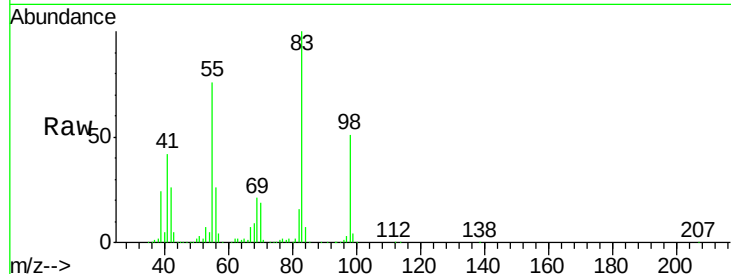
#39
Methylvlcyclohexane
Concen: 103.443 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	572996
Ion Ratio	Lower	Upper	
83	100		
55	75.5	57.3	85.9
98	51.4	41.0	61.6

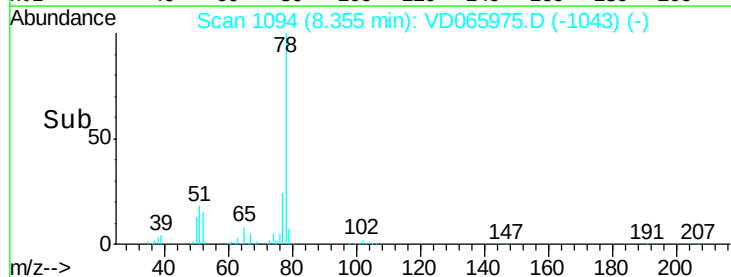
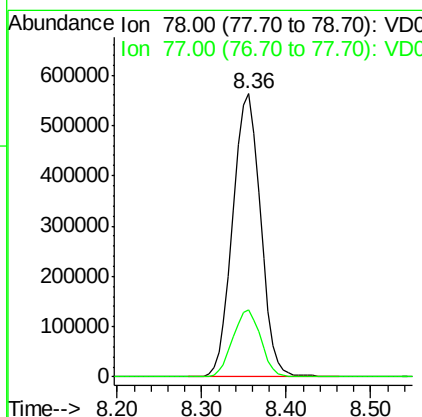
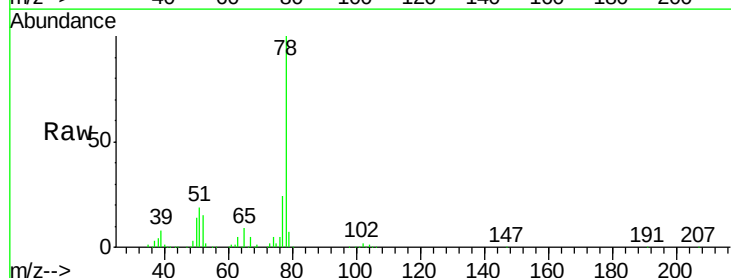
Manual Integrations
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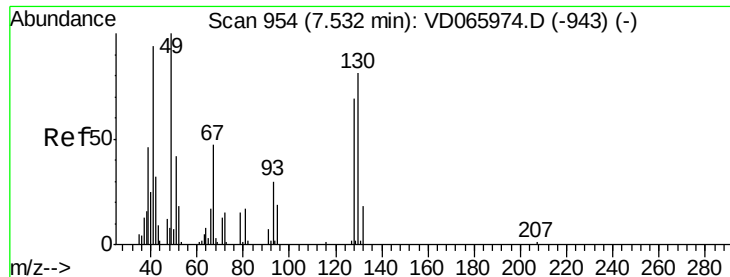
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#40
Benzene
Concen: 98.720 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	78	Resp	1280710
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.6	27.8





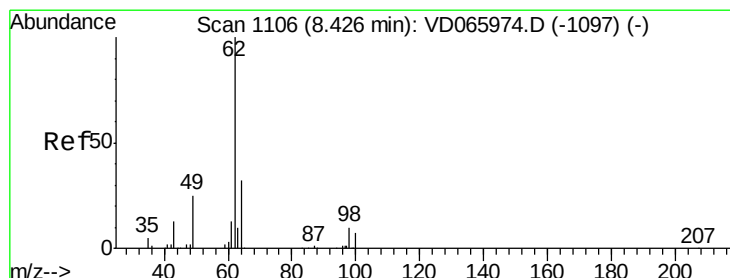
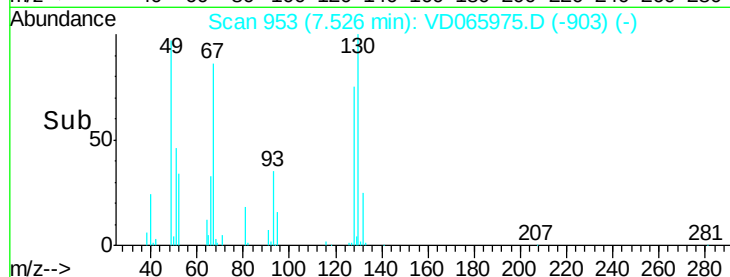
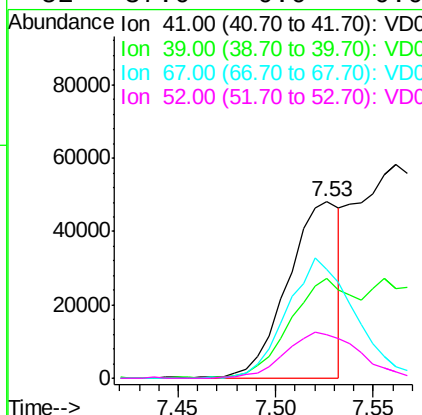
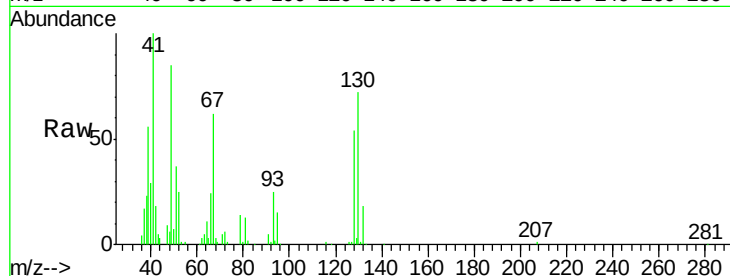
#41
Methacrylonitrile
Concen: 67.050 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.9	0.0	0.0#
67	87.9	0.0	0.0#
52	37.0	0.0	0.0#

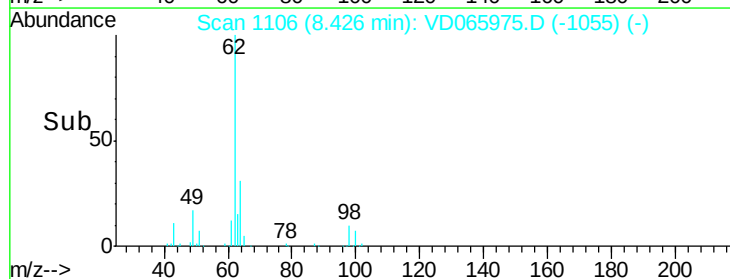
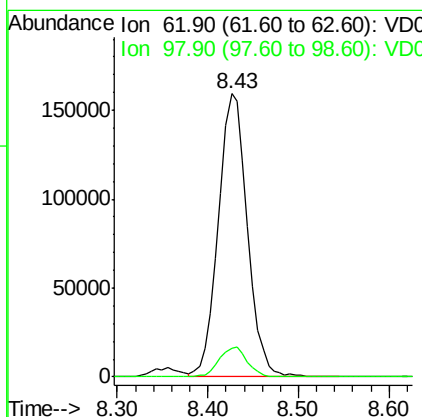
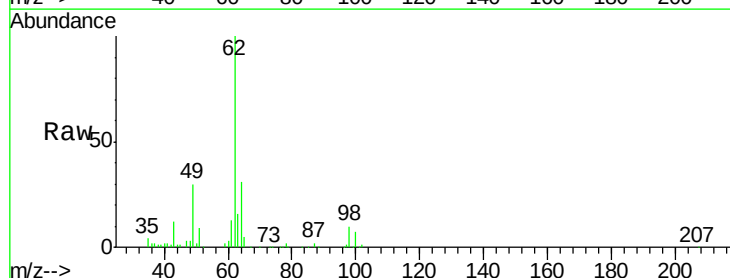
Manual Integrations
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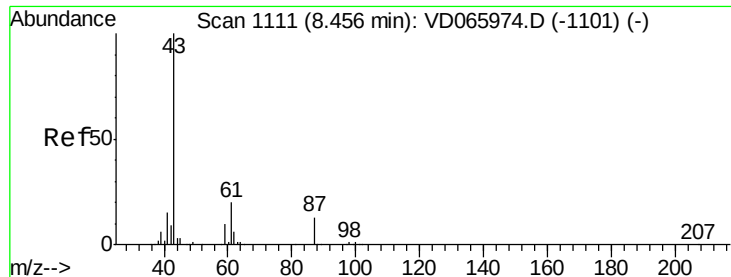
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#42
1,2-Dichloroethane
Concen: 98.766 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0





#43

Isopropyl Acetate

Concen: 106.221 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

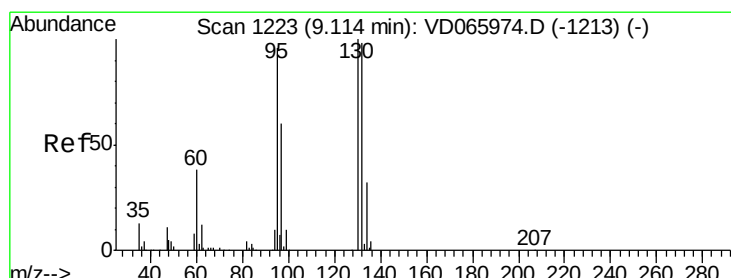
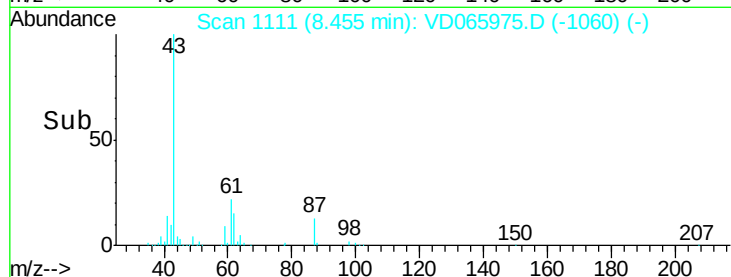
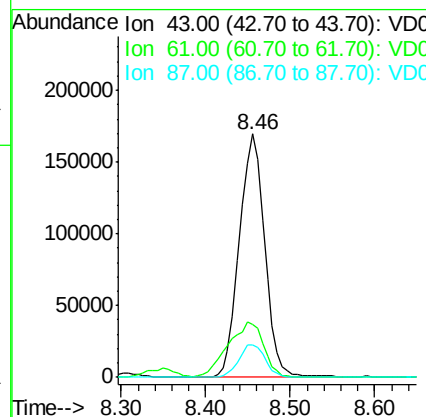
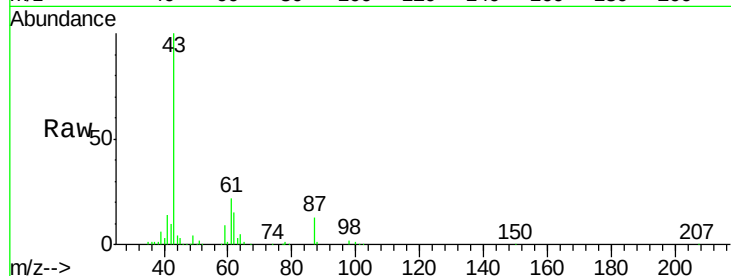
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	350790
Ion	Ratio	Lower	Upper
43	100		
61	32.2	25.8	38.8
87	13.9	10.9	16.3

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#44

Trichloroethene

Concen: 98.496 ug/l

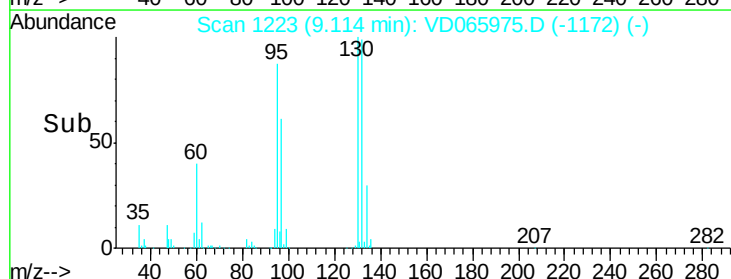
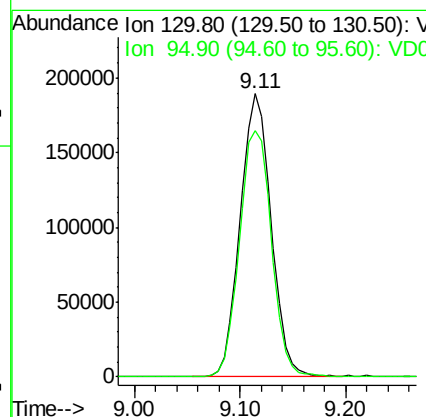
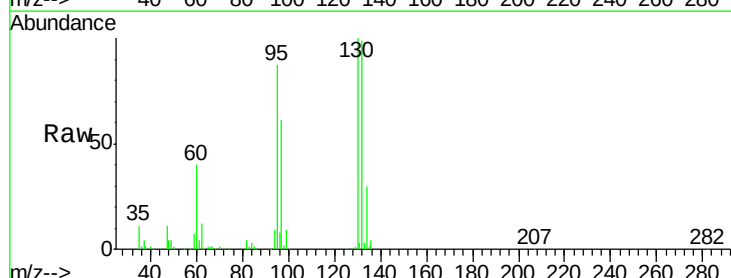
RT: 9.11 min Scan# 1223

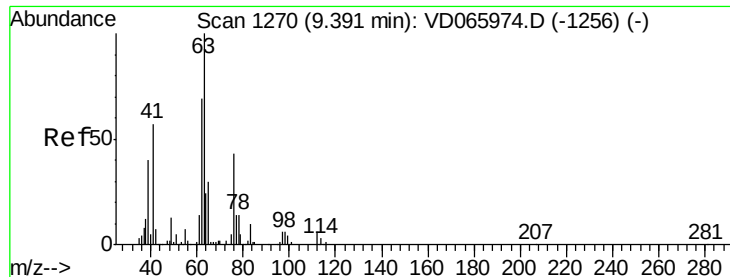
Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Tgt Ion:	130	Resp:	384402
Ion	Ratio	Lower	Upper
130	100		
95	86.8	0.0	191.6





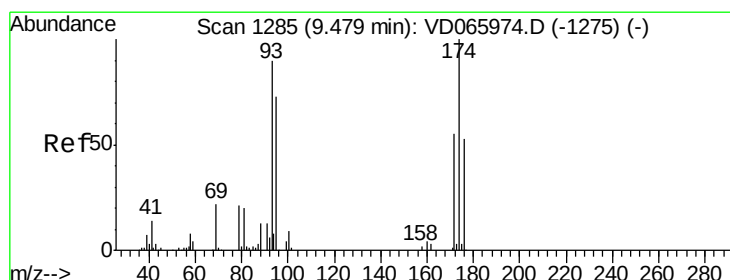
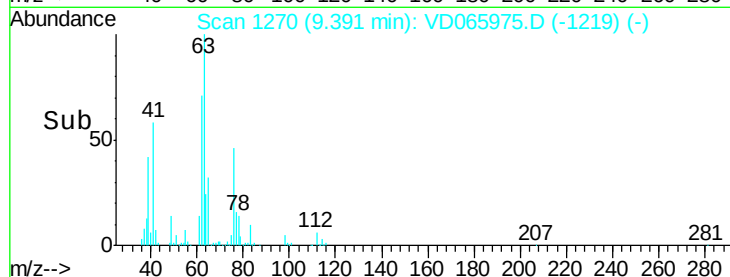
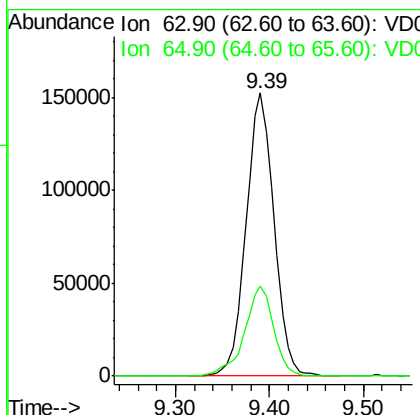
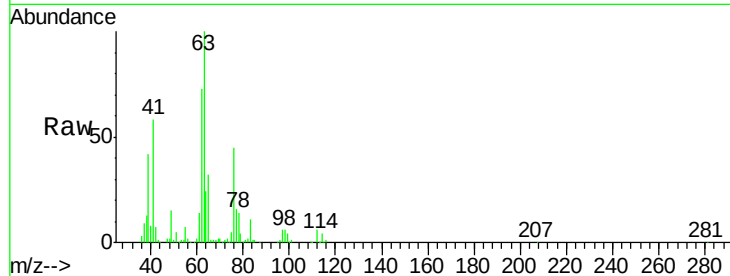
#45
 1,2-Dichloropropane
 Concen: 100.930 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.0	36.0

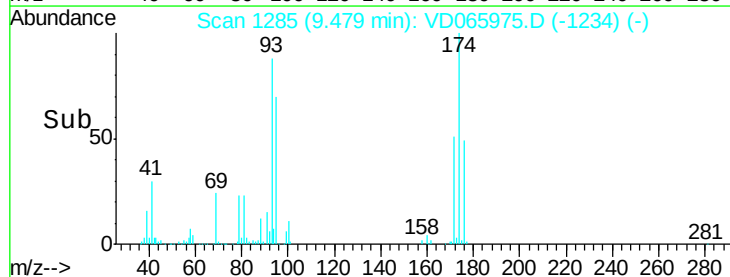
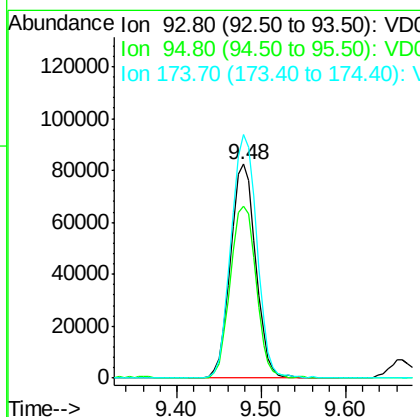
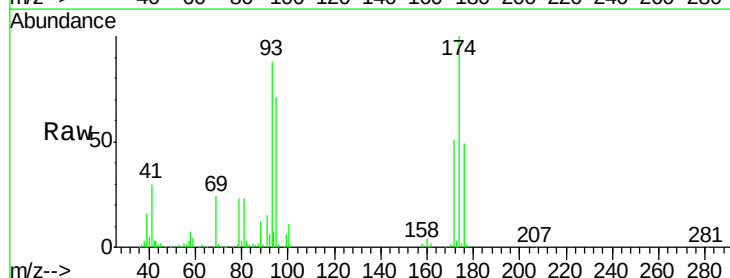
Manual Integrations
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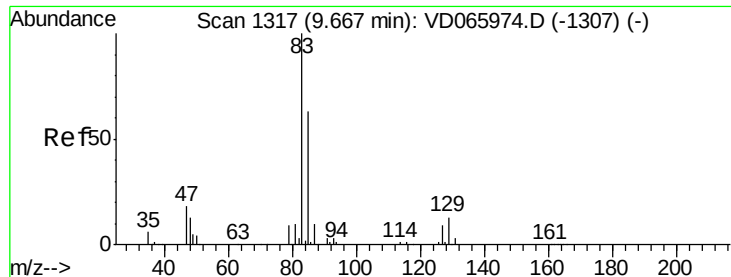
MMDadoda
 7/22/2020 2:44:24 PM



#46
 Dibromomethane
 Concen: 99.389 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	66.2	99.4
174	115.6	91.5	137.3





#47

Bromodichloromethane

Concen: 98.758 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

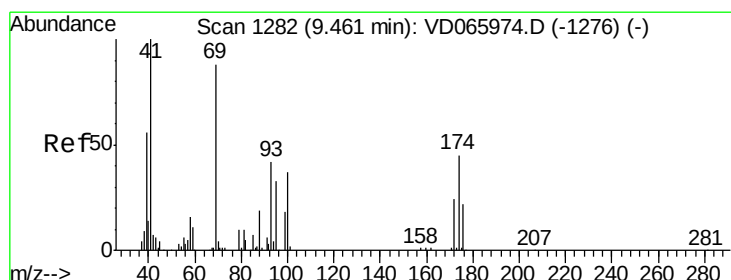
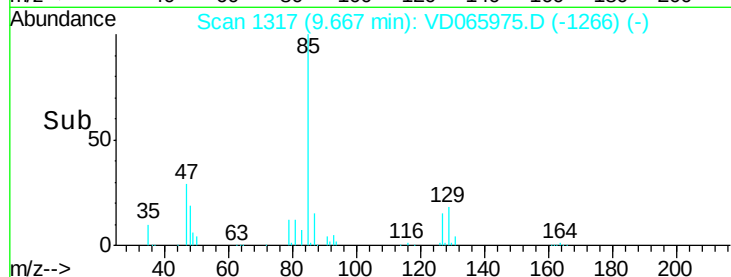
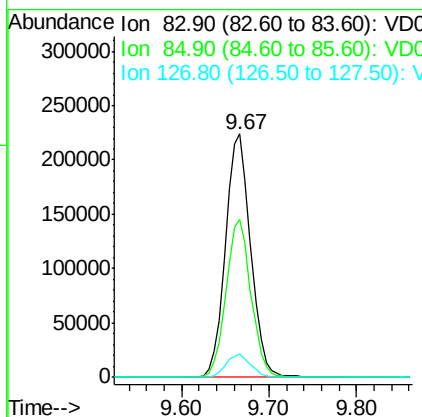
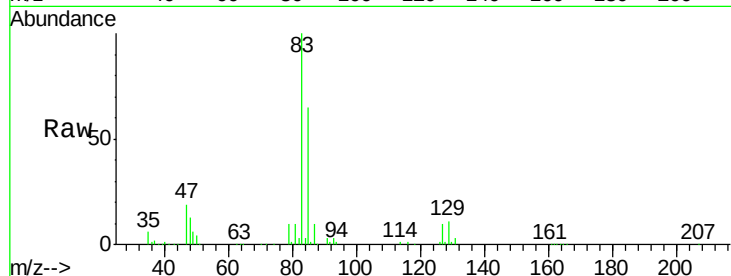
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	440683
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.6	75.8
127	9.7	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 107.219 ug/l

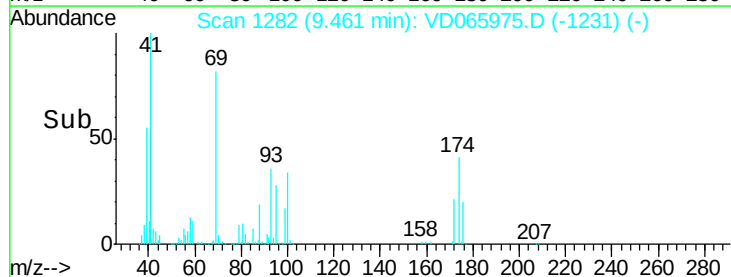
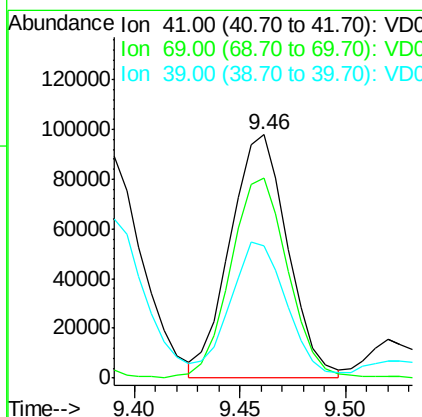
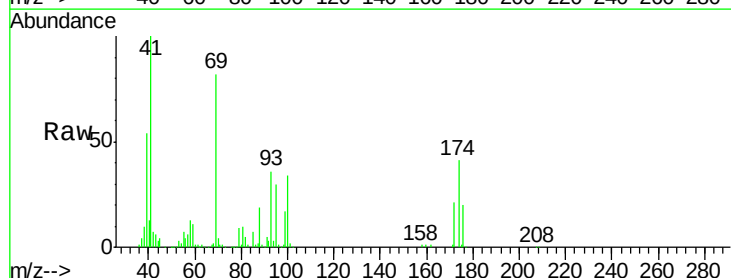
RT: 9.46 min Scan# 1282

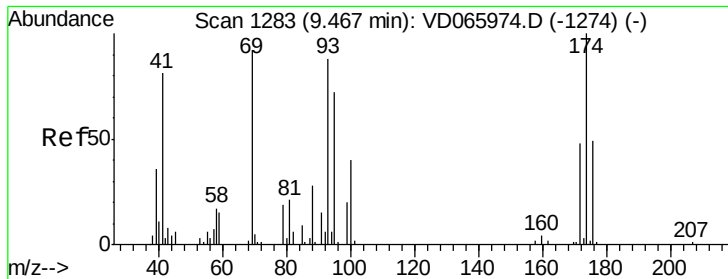
Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Tgt Ion:	41	Resp:	184424
Ion	Ratio	Lower	Upper
41	100		
69	82.8	65.1	97.7
39	51.2	41.5	62.3





#49

1,4-Dioxane

Concen: 2161.528 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

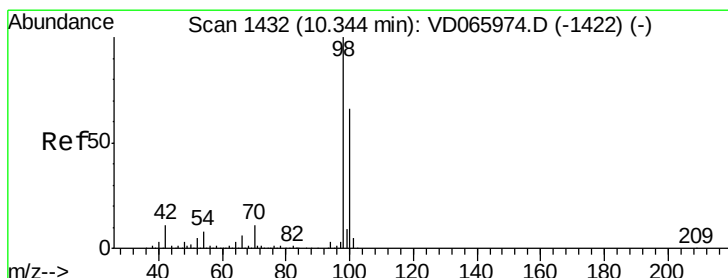
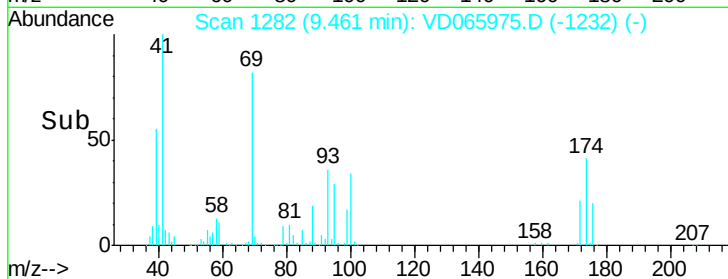
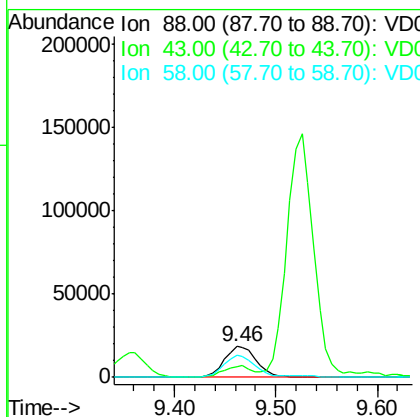
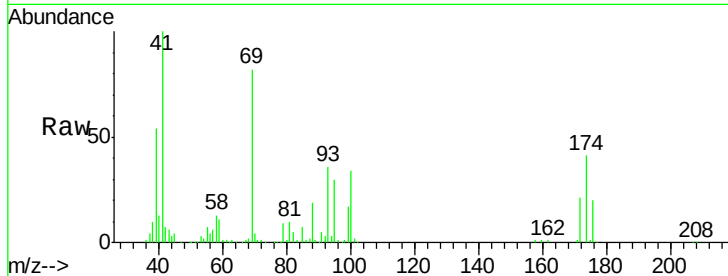
ClientSampleId :

VSTDIC100

Tot Ion:	88	Resp:	40684
Ion	Ratio	Lower	Upper
88	100		
43	32.9	29.0	43.6
58	69.2	57.0	85.4

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#50

Toluene-d8

Concen: 106.424 ug/l

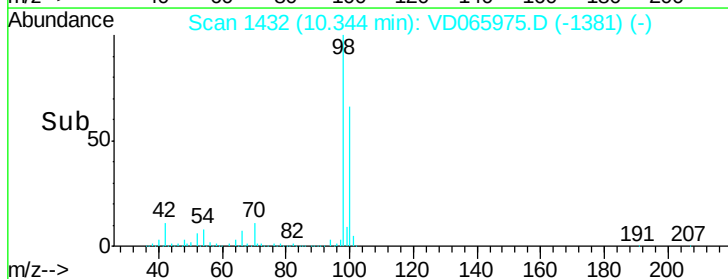
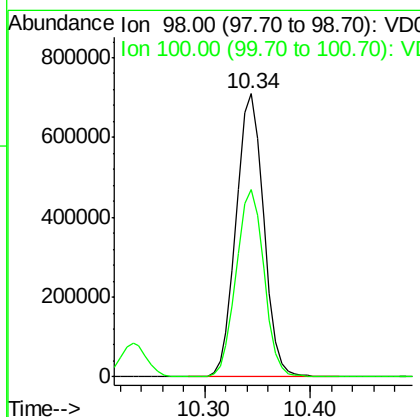
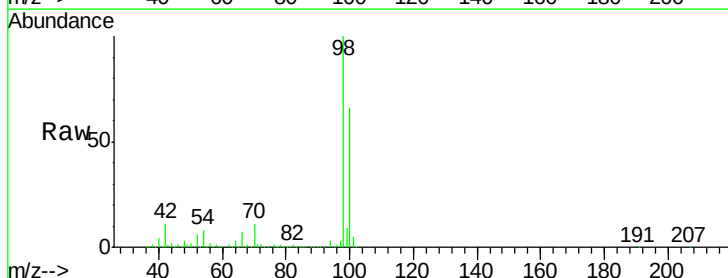
RT: 10.34 min Scan# 1432

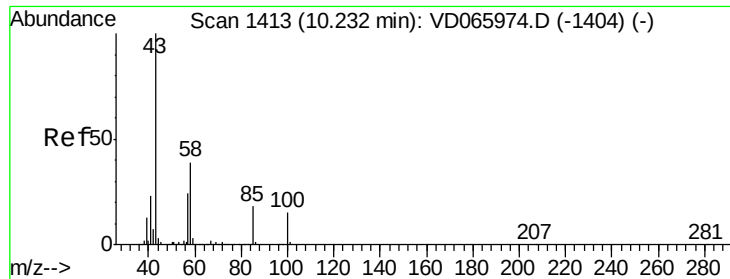
Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Tgt Ion:	98	Resp:	1283009
Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.7	79.1





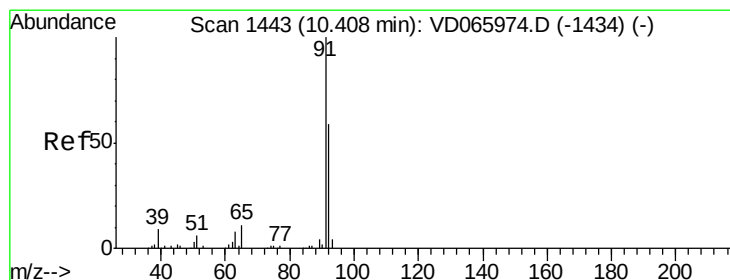
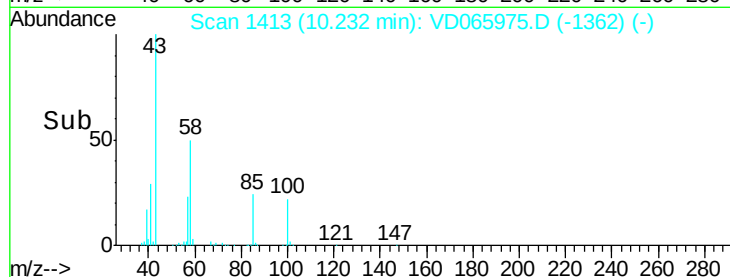
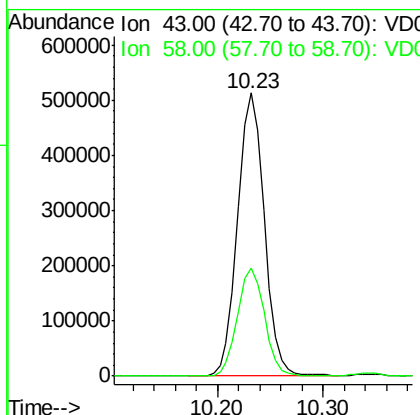
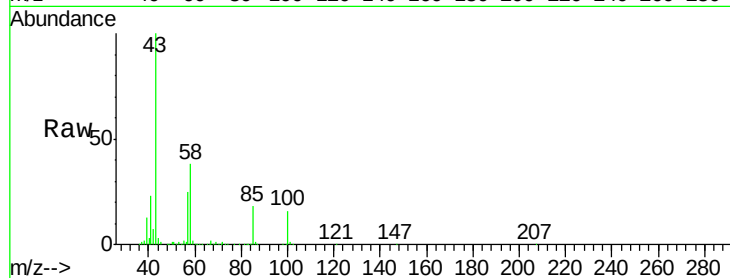
#51
4-Methyl-2-Pentanone
Concen: 534.661 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.8	31.3	46.9

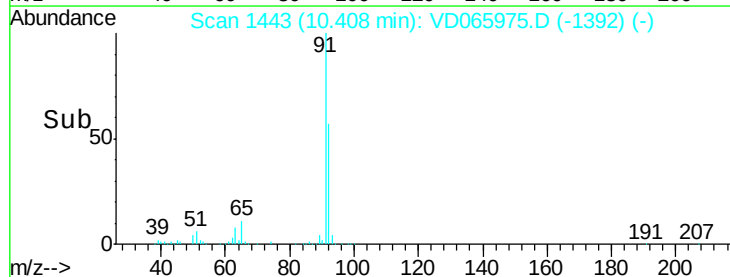
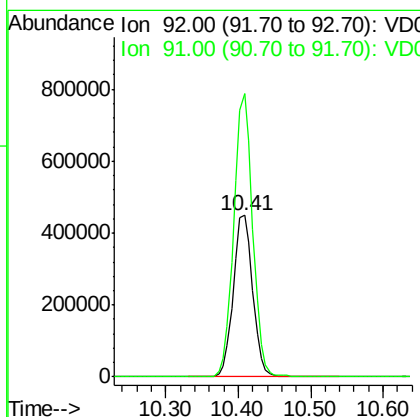
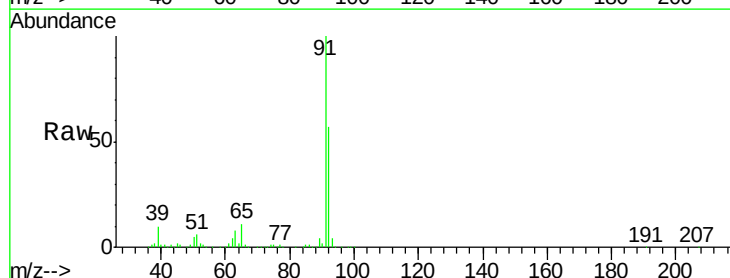
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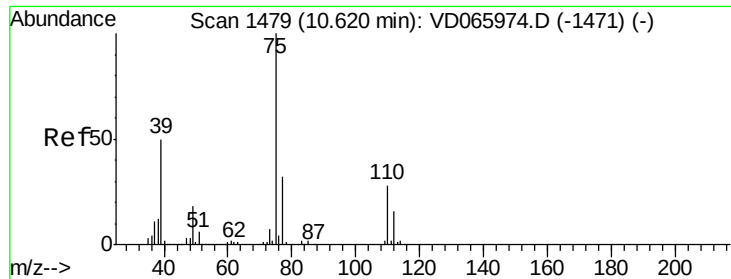
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#52
Toluene
Concen: 100.349 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.5	134.5	201.7





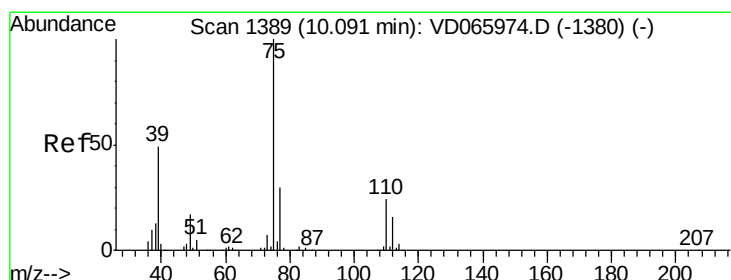
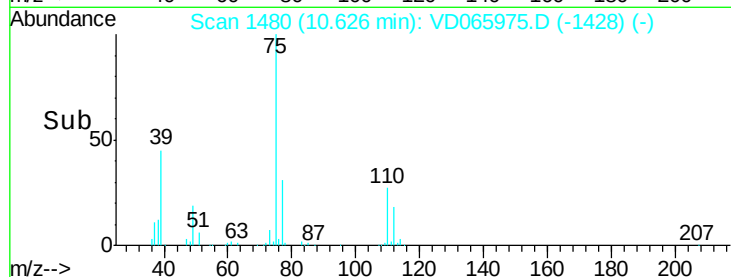
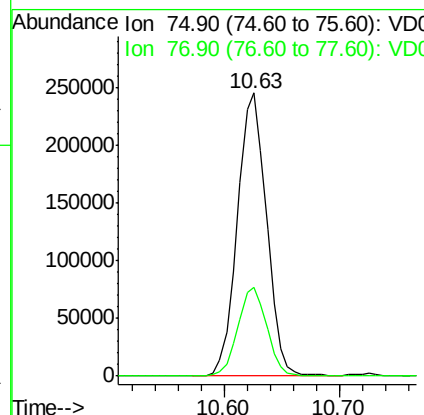
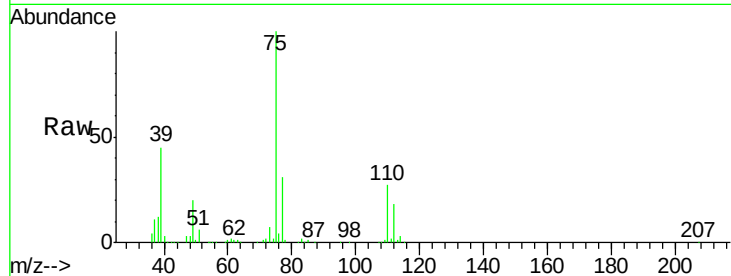
#53
t-1,3-Dichloropropene
Concen: 108.908 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.01 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion: 75 Resp: 429579
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6

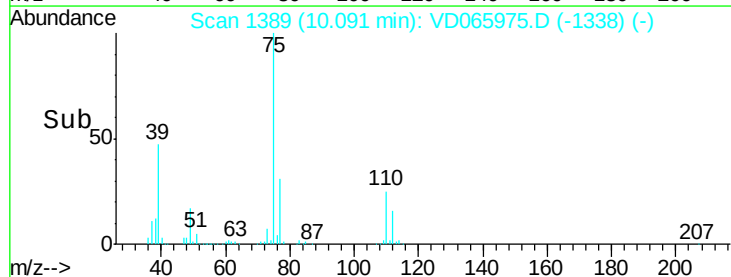
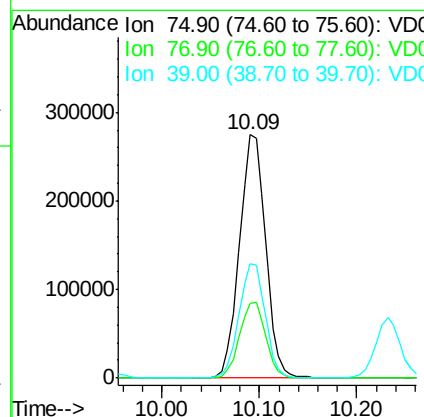
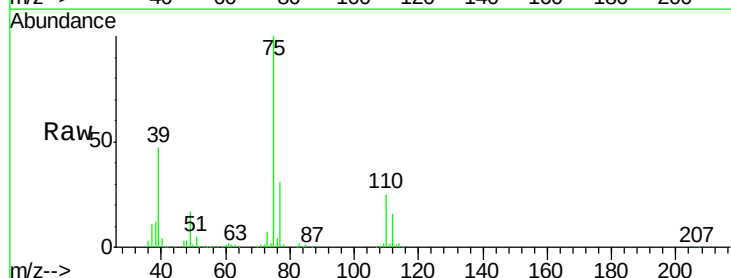
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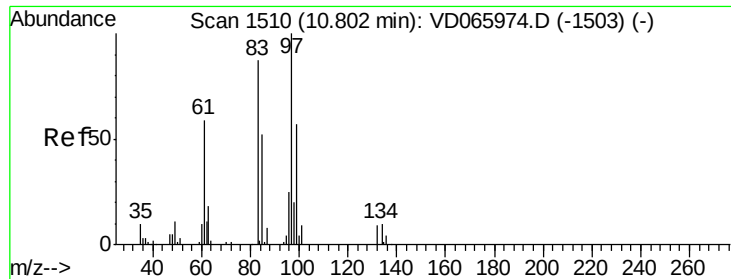
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#54
cis-1,3-Dichloropropene
Concen: 105.351 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion: 75 Resp: 514329
Ion Ratio Lower Upper
75 100
77 30.7 23.8 35.8
39 46.8 38.8 58.2





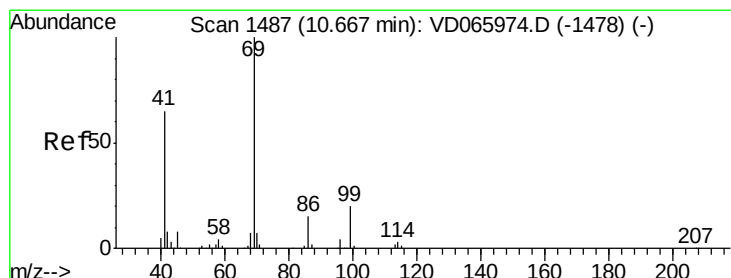
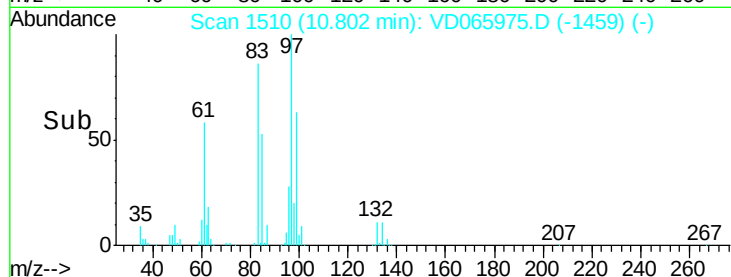
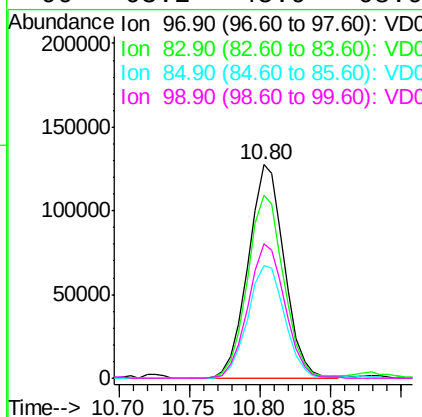
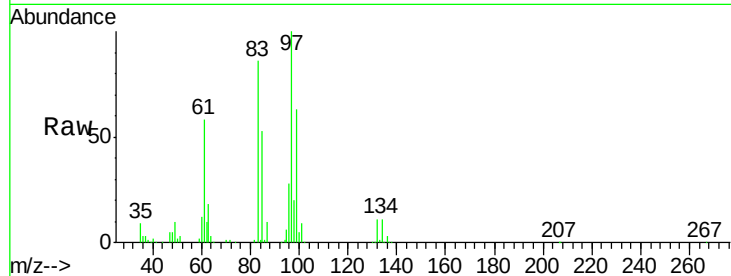
#55
 1,1,2-Trichloroethane
 Concen: 98.076 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
97	100	229827		
83	85.5	69.7	104.5	
85	52.8	41.6	62.4	
99	63.2	45.9	68.9	

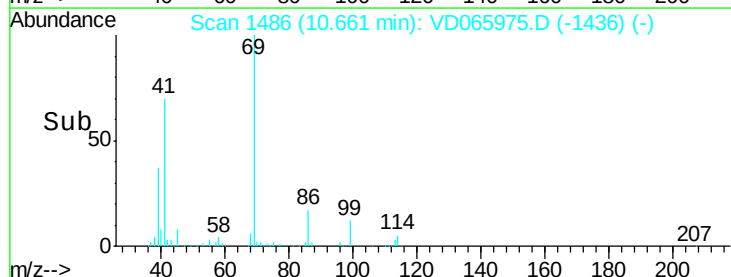
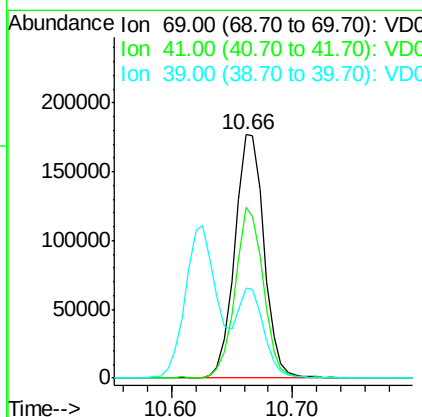
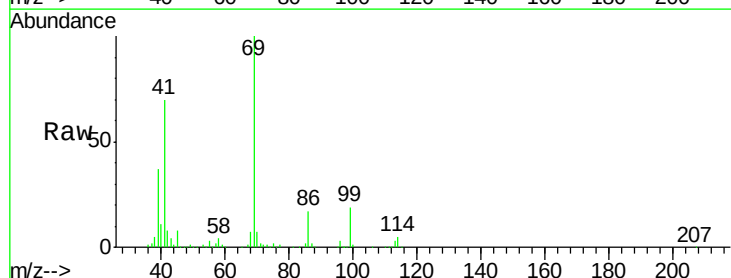
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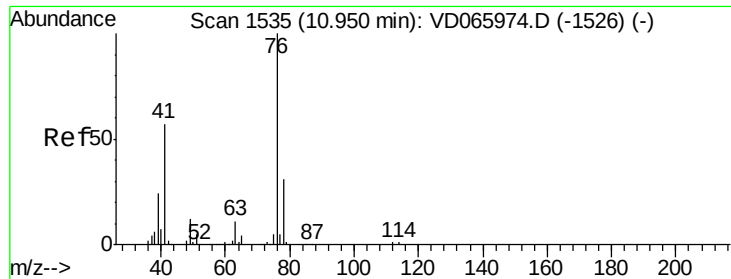
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 113.956 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	300111		
41	66.5	52.3	78.5	
39	32.2	25.2	37.8	





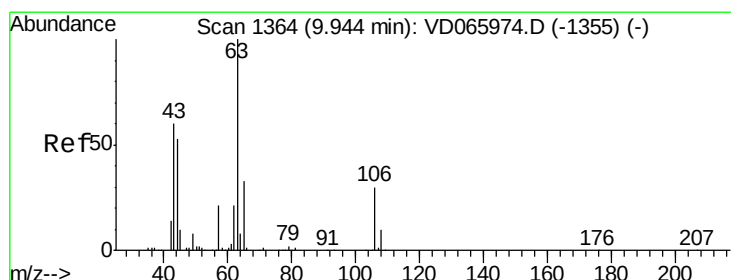
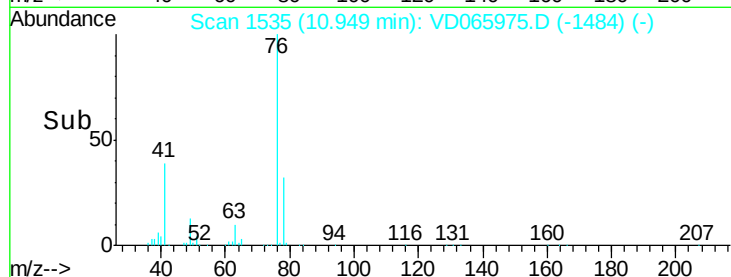
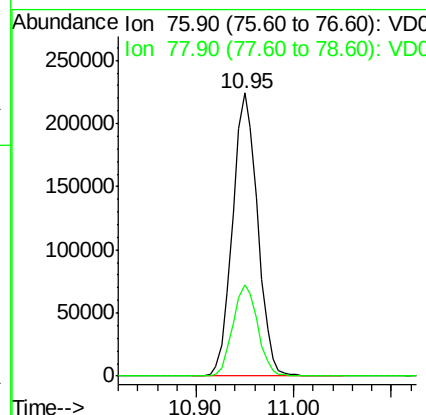
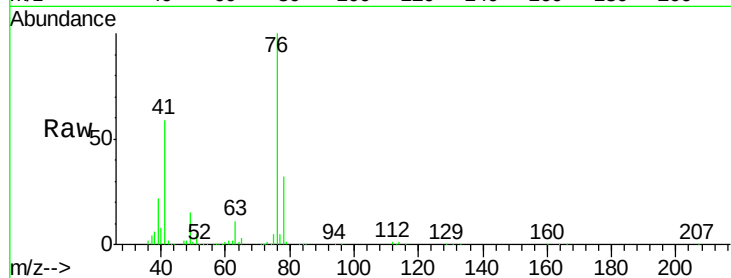
#57
 1,3-Dichloropropane
 Concen: 102.114 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 398101
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4

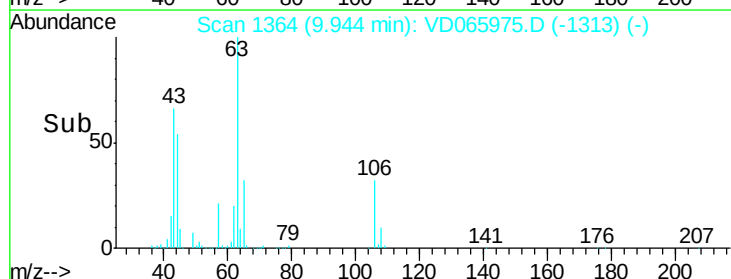
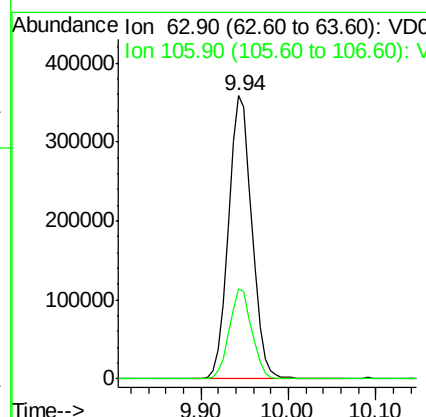
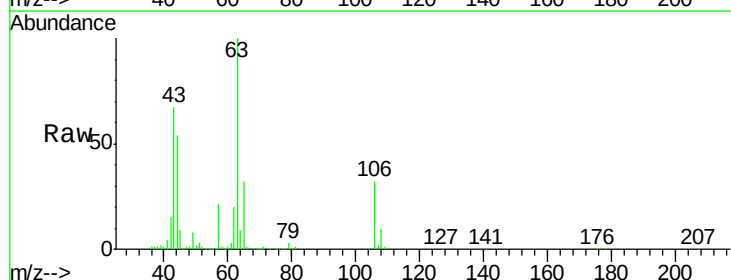
Manual Integrations
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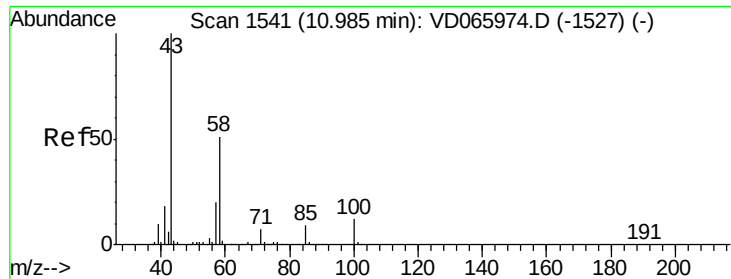
MMDadoda
 7/22/2020 2:44:24 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 506.882 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion: 63 Resp: 651547
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.4 36.6





#59

2-Hexanone

Concen: 541.918 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.01 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 627946

Ion Ratio Lower Upper

43 100

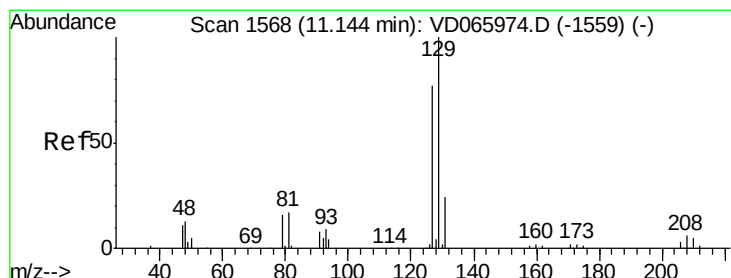
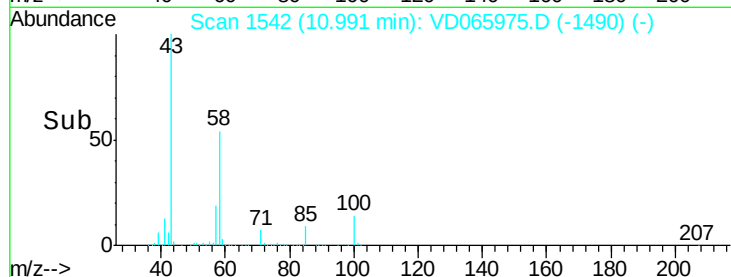
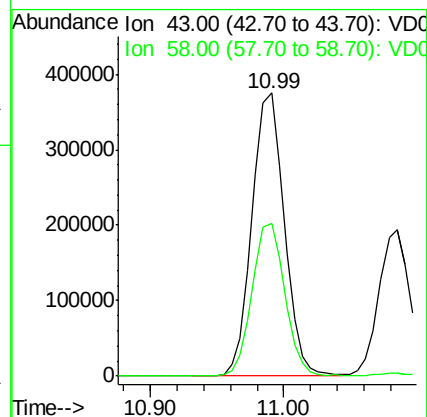
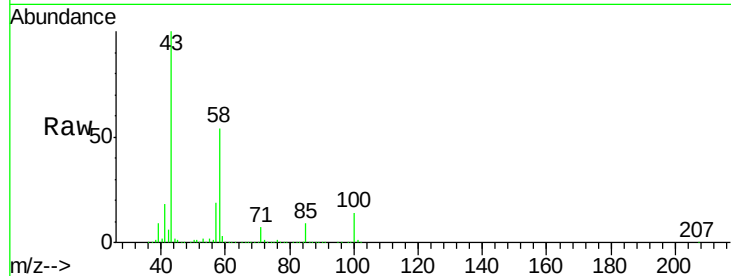
58 54.7 26.2 78.6

Manual Integrations

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#60

Dibromochloromethane

Concen: 100.883 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VD065975.D

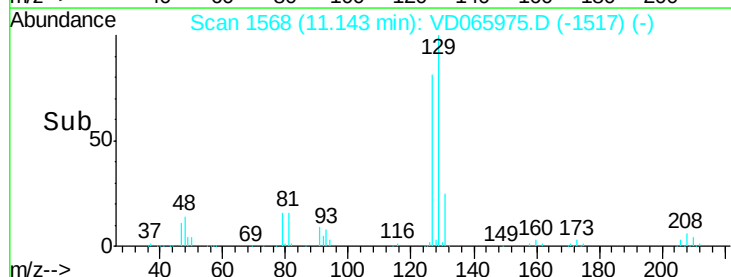
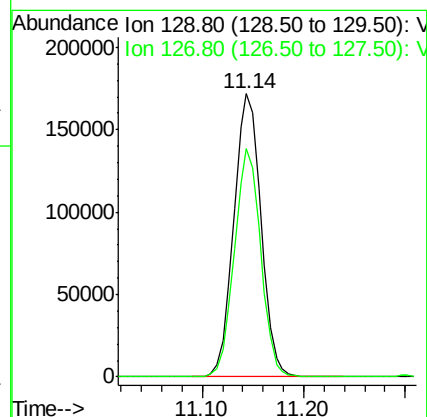
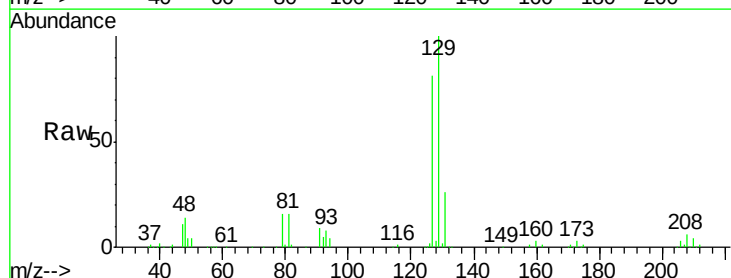
Acq: 21 Jul 2020 11:43

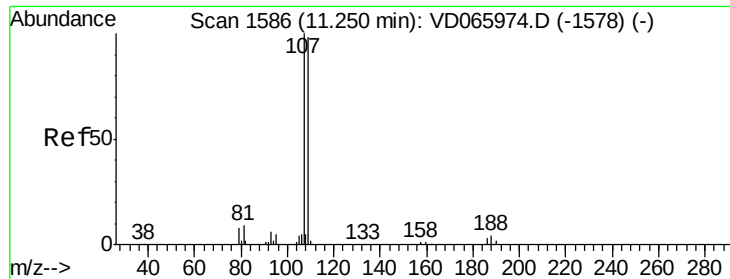
Tgt Ion: 129 Resp: 319436

Ion Ratio Lower Upper

129 100

127 78.4 38.6 115.7





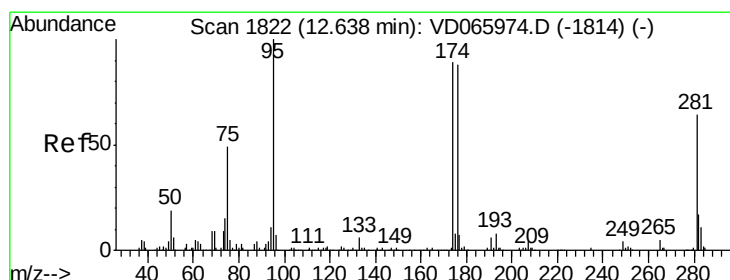
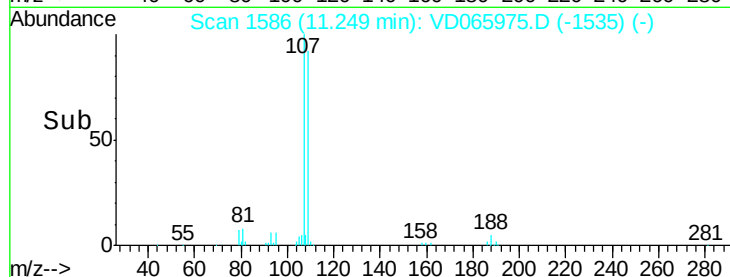
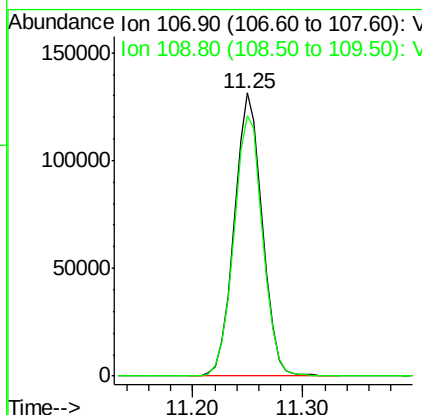
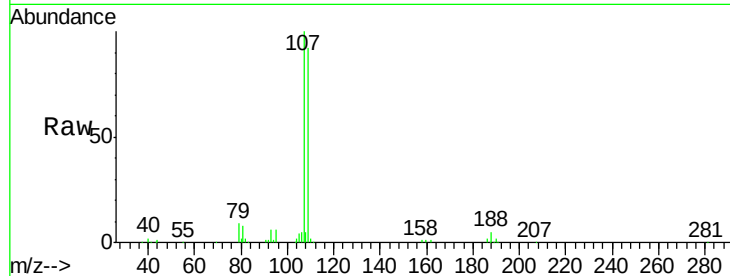
#61
 1,2-Dibromoethane
 Concen: 102.793 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.0	112.4

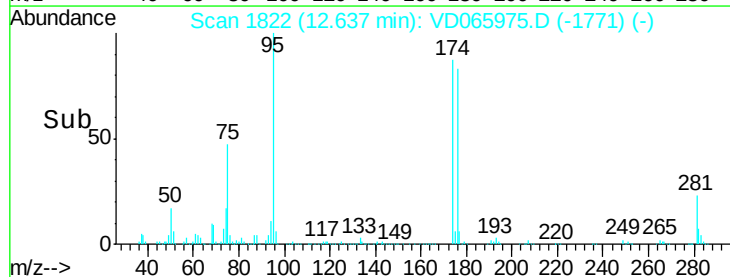
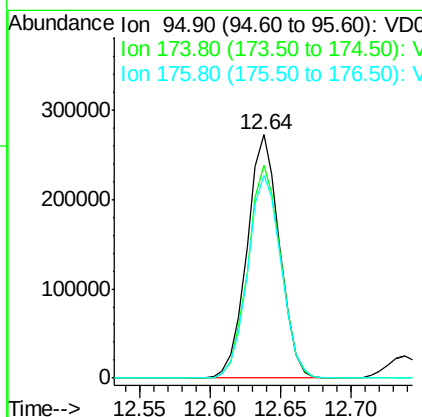
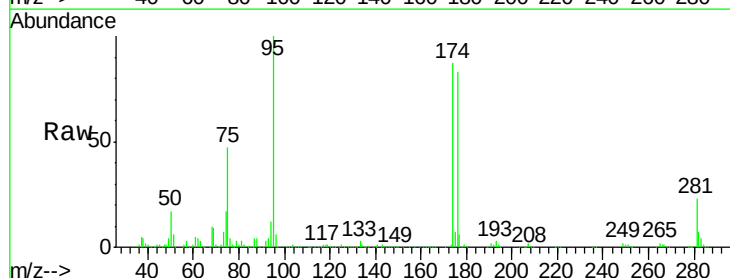
Manual Integrations
 APPROVED

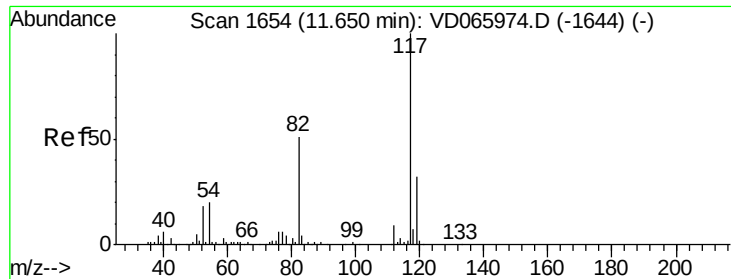
MMDadoda
 7/22/2020 2:44:24 PM



#62
 4-Bromofluorobenzene
 Concen: 103.117 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	178.8
176	85.9	0.0	172.6





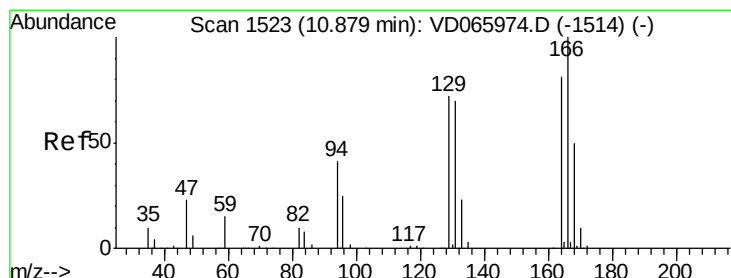
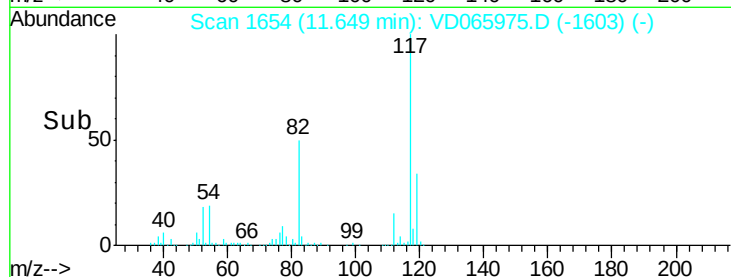
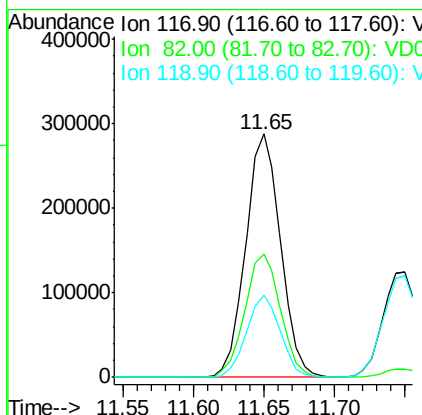
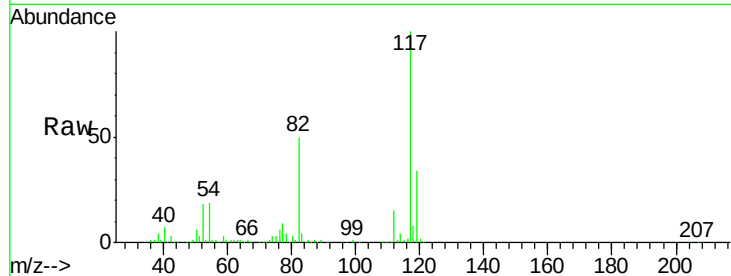
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	498362		
82	50.4		41.1	61.7
119	33.6		25.9	38.9

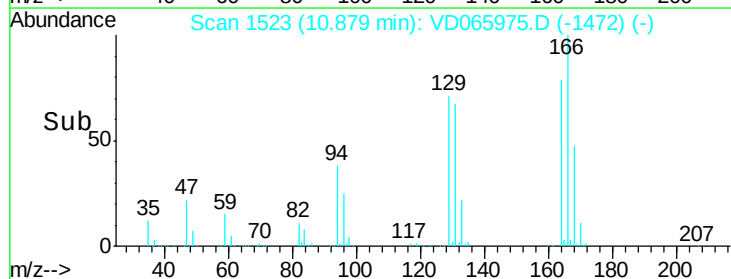
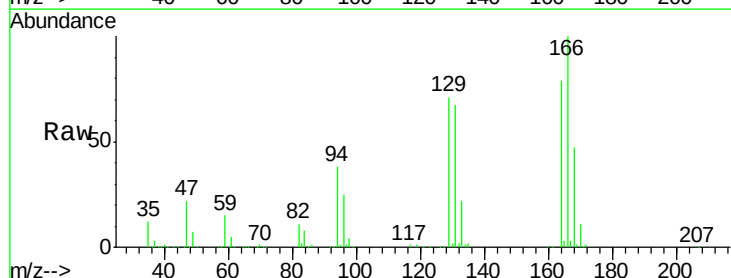
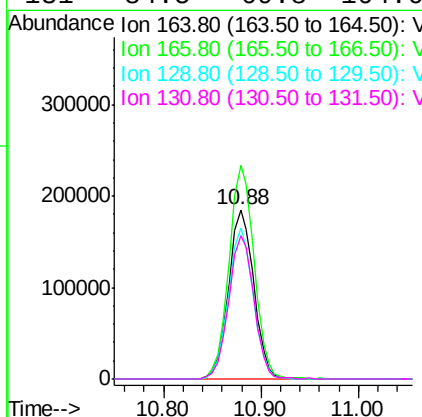
Manual Integrations
APPROVED

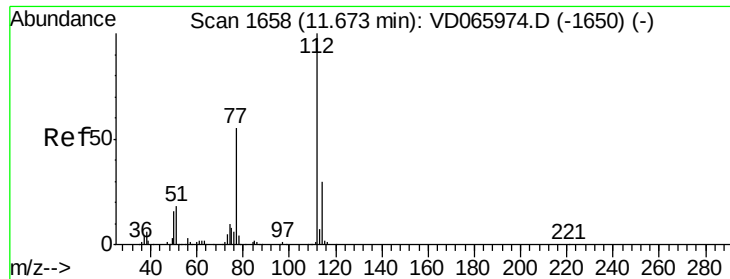
MMDadoda
7/22/2020 2:44:24 PM



#64
Tetrachloroethene
Concen: 97.225 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	331241		
166	125.9		99.1	148.7
129	89.1		71.5	107.3
131	84.5		69.8	104.6





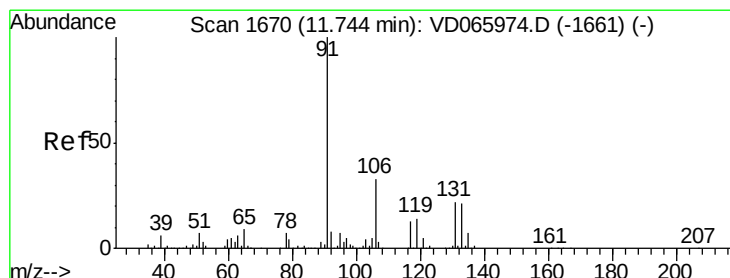
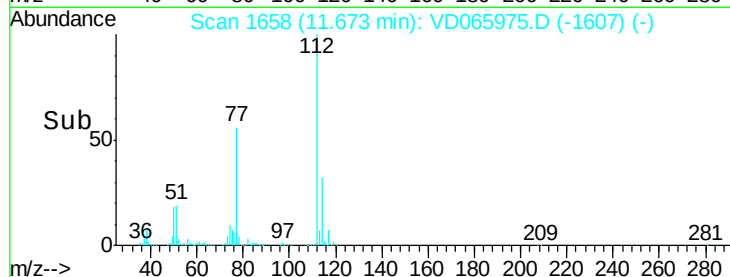
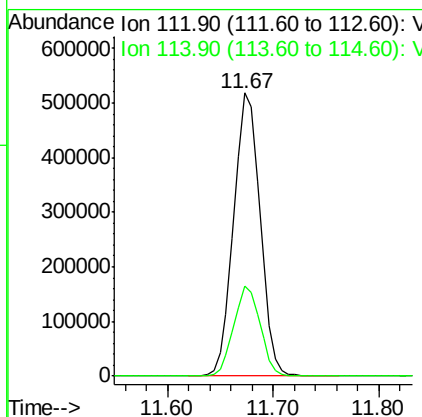
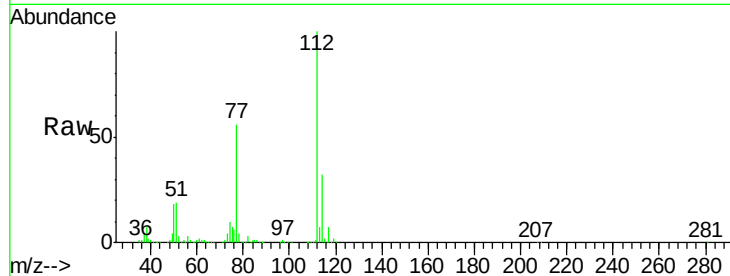
#65
Chlorobenzene
Concen: 97.671 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	24.4	36.6

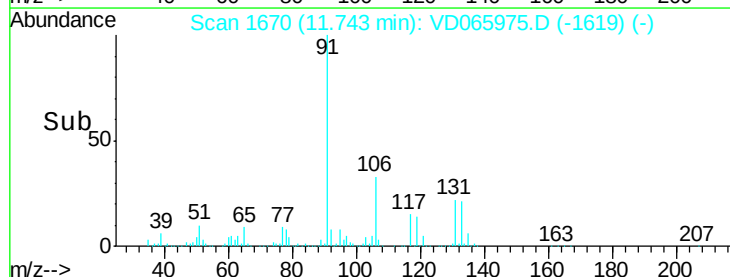
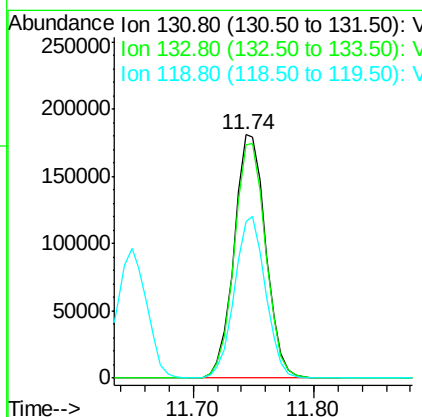
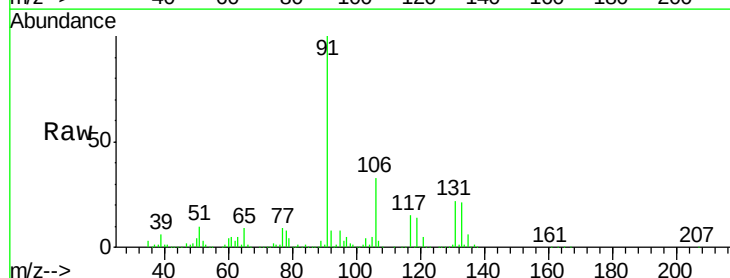
Manual Integrations
APPROVED

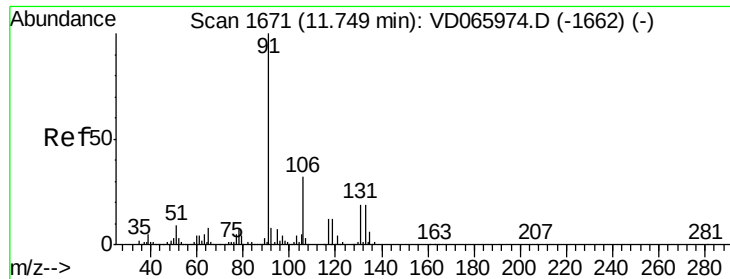
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#66
1,1,1,2-Tetrachloroethane
Concen: 97.270 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.3	142.0
119	65.1	31.7	95.1





#67

Ethyl Benzene

Concen: 99.172 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1563737

Ion Ratio Lower Upper

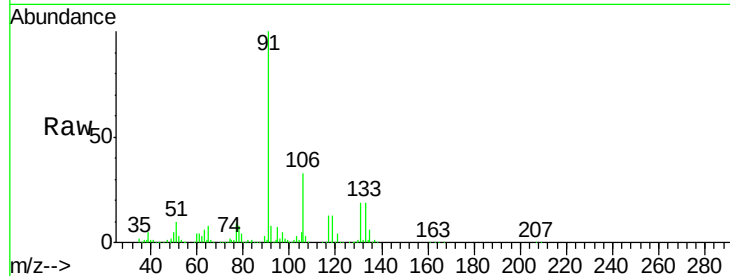
91 100

106 32.8 25.7 38.5

Manual Integrations
APPROVED

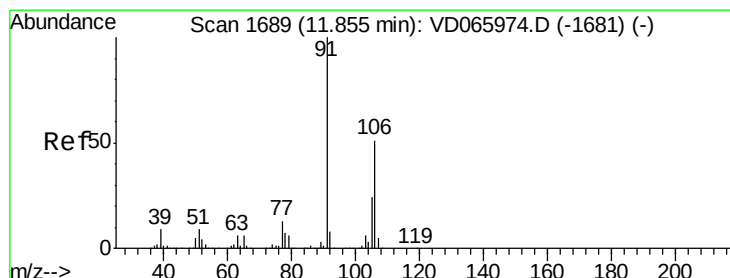
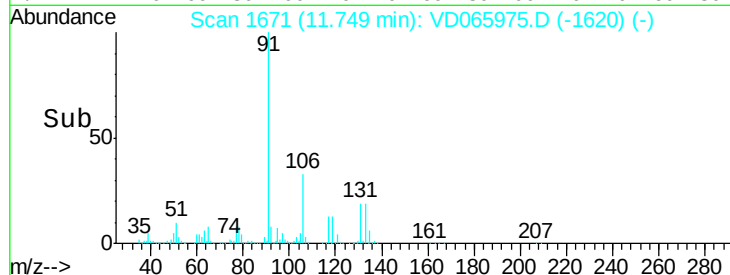
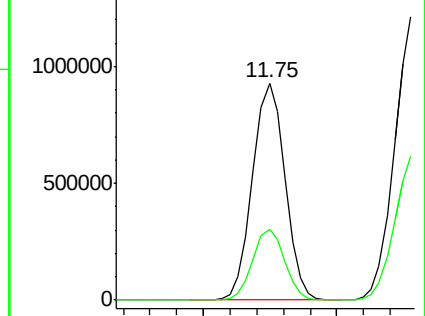
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 198.367 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065975.D

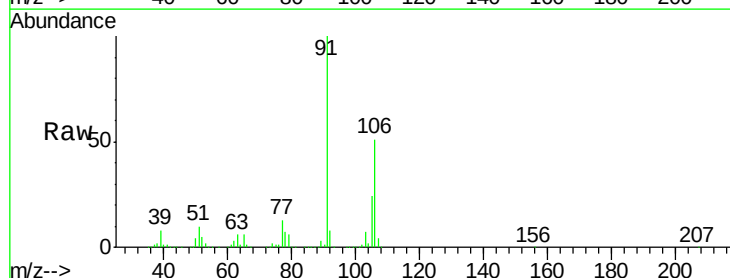
Acq: 21 Jul 2020 11:43

Tgt Ion:106 Resp: 1209606

Ion Ratio Lower Upper

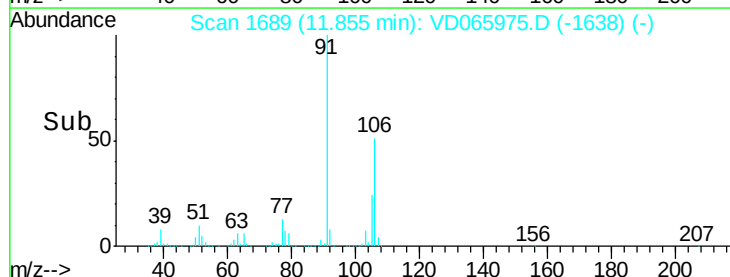
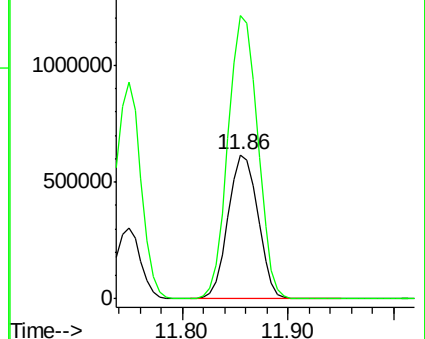
106 100

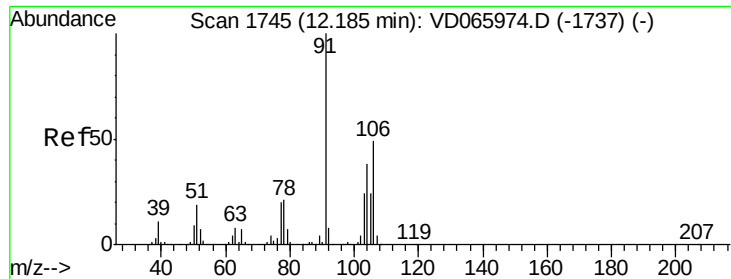
91 195.2 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





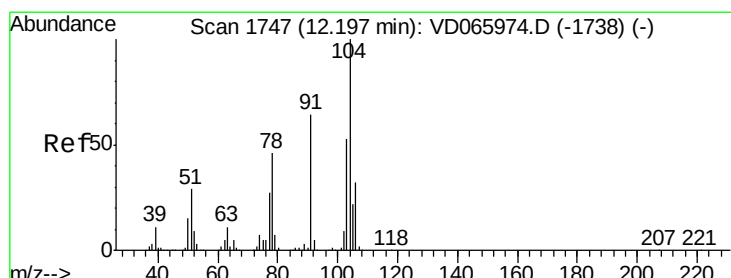
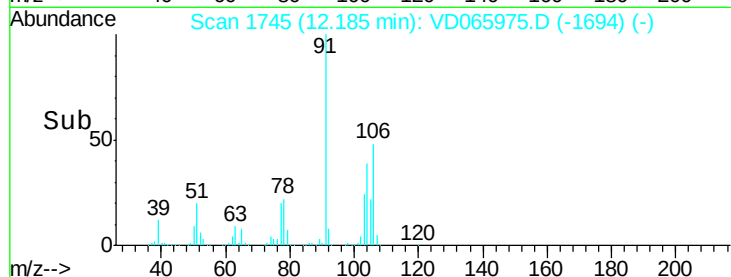
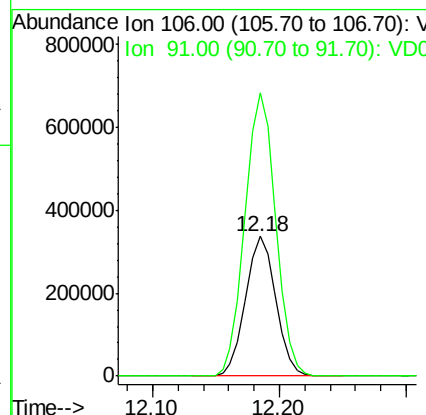
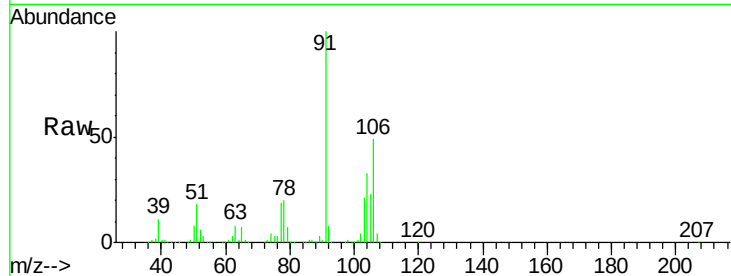
#69
o-Xylene
Concen: 103.020 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
106	100	559233		
91	205.7	103.1	309.3	

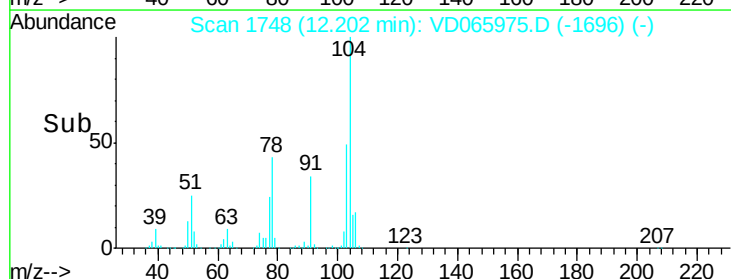
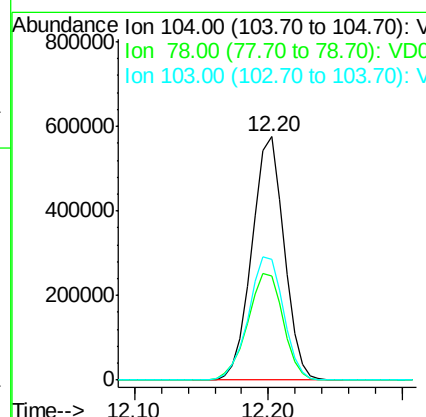
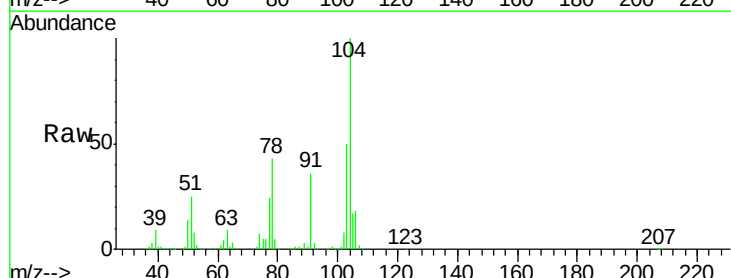
Manual Integrations
APPROVED

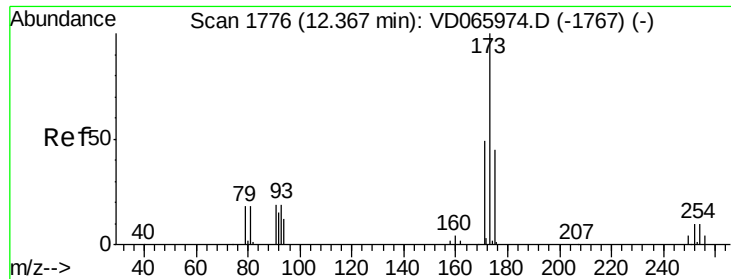
MMDadoda
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#70
Styrene
Concen: 102.058 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	958984		
78	48.5	38.3	57.5	
103	55.0	43.8	65.8	





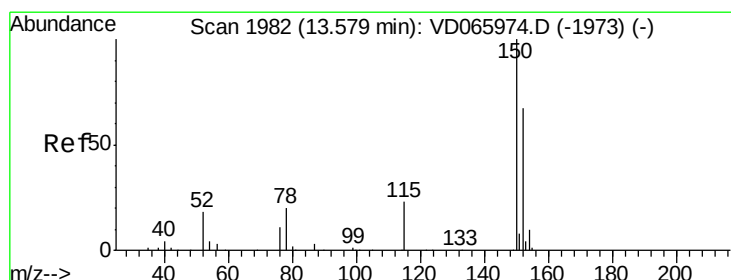
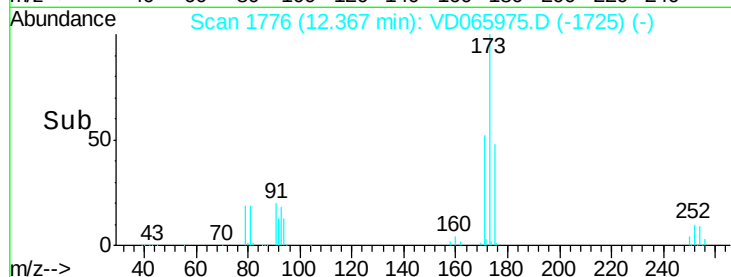
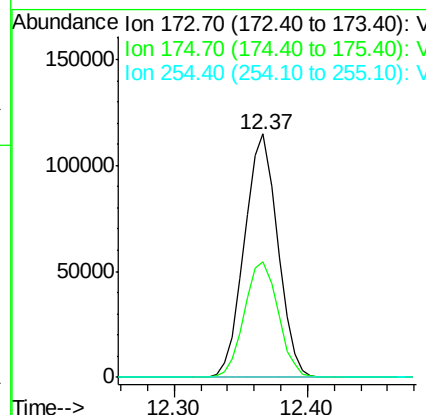
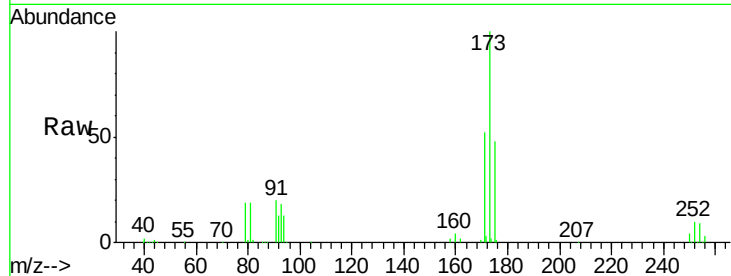
#71
Bromoform
Concen: 103.726 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.3
254	0.2	0.0	0.0

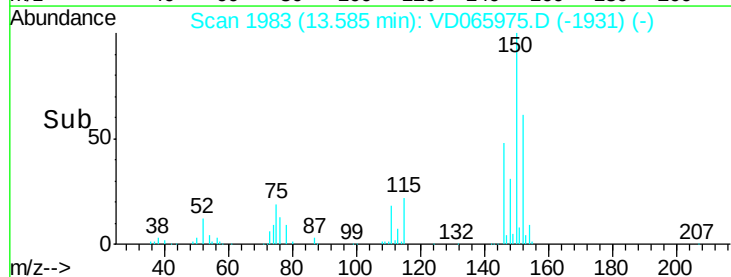
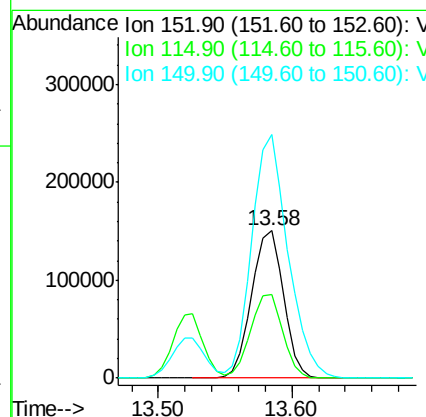
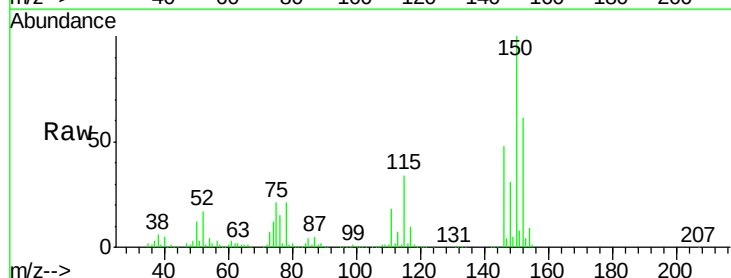
Manual Integrations
APPROVED

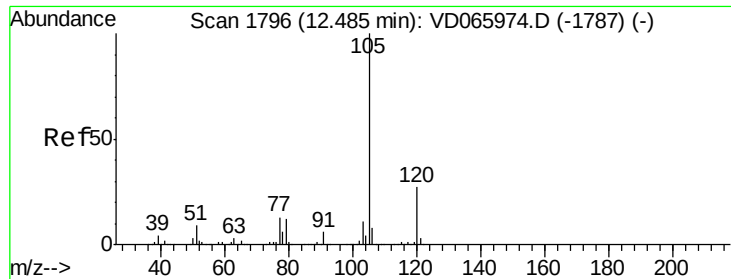
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.9	83.7
150	186.4	0.0	348.2





#73

Isopropylbenzene

Concen: 102.545 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1529312

Ion Ratio Lower Upper

105 100

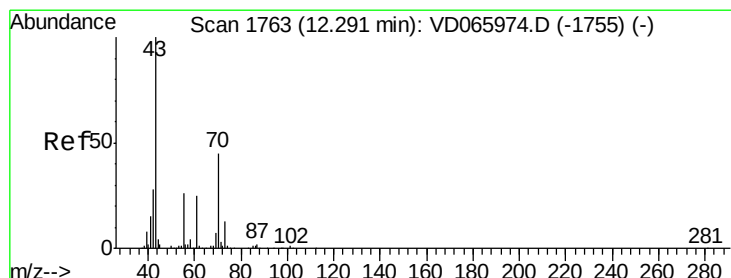
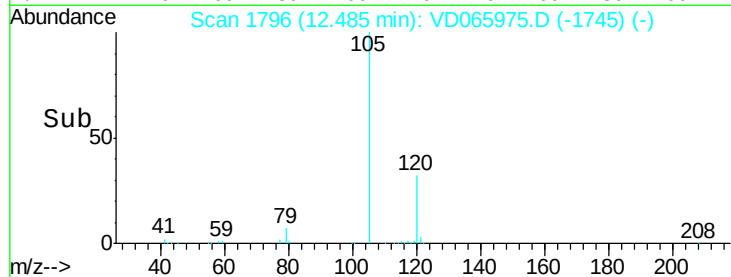
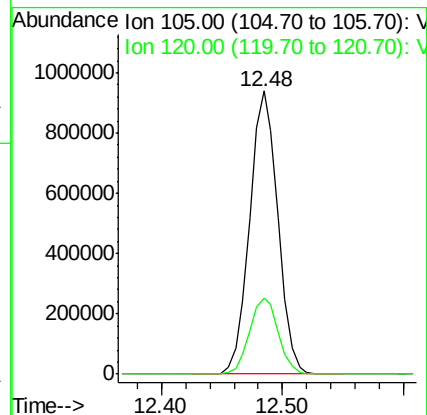
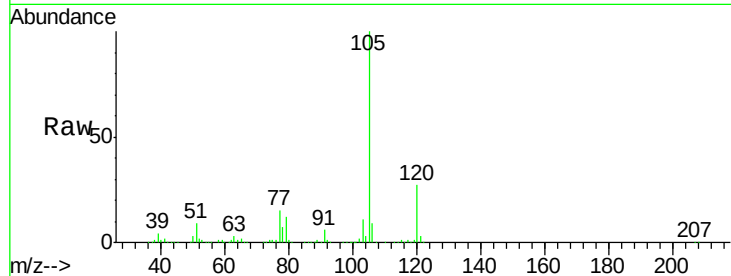
120 27.4 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 110.702 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Tgt Ion: 43 Resp: 332064

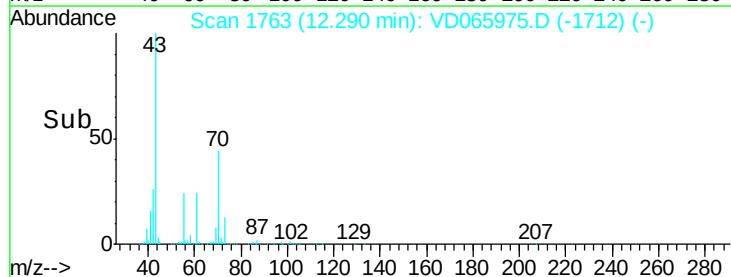
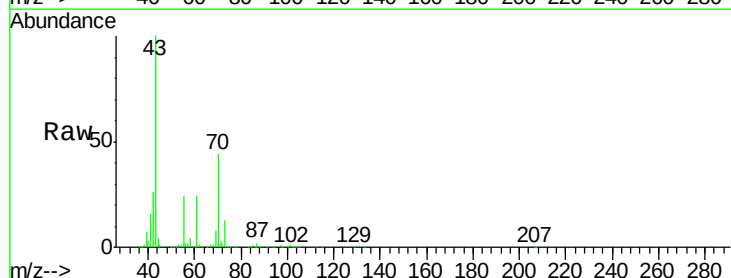
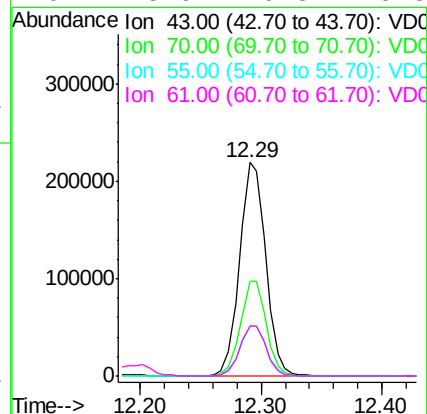
Ion Ratio Lower Upper

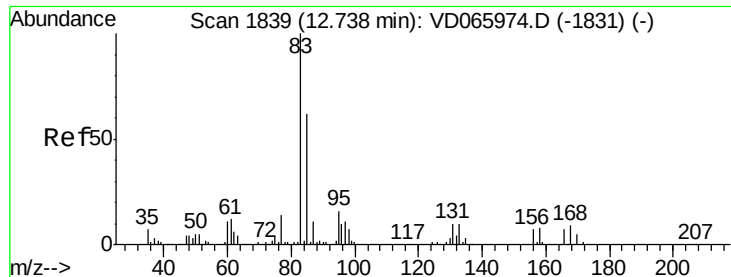
43 100

70 43.7 34.6 51.8

55 24.0 20.3 30.5

61 23.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 100.199 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

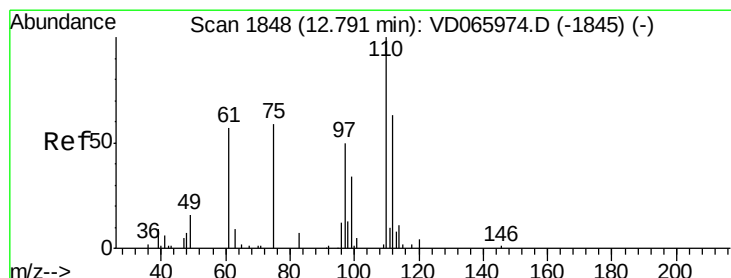
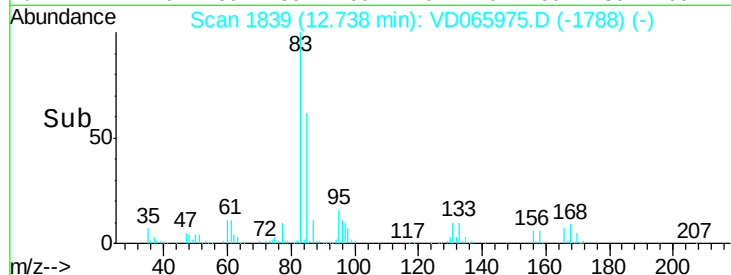
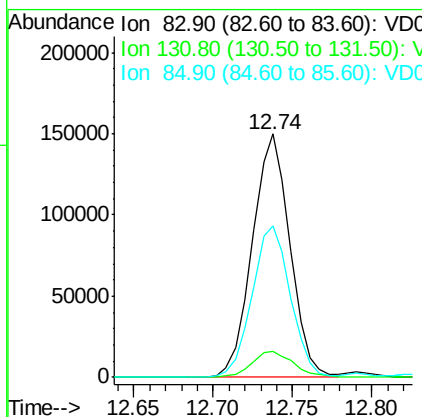
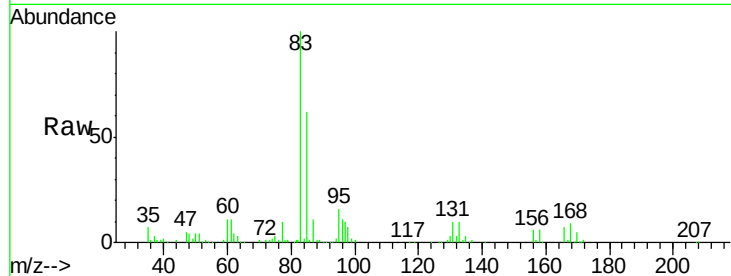
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	247157
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.7	17.1
85	63.5	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 84.896 ug/l m

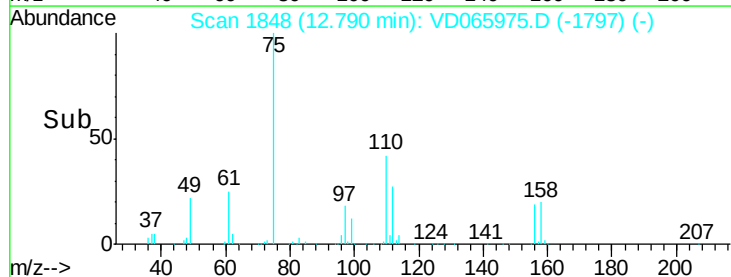
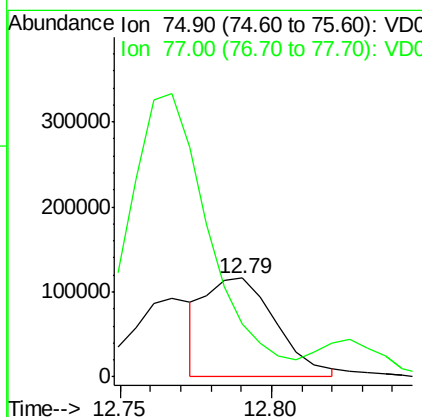
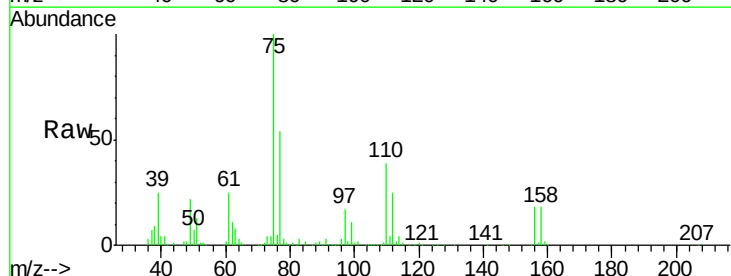
RT: 12.79 min Scan# 1848

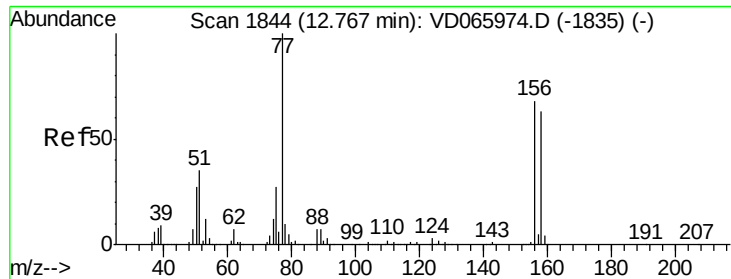
Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Tgt Ion:	75	Resp:	187879
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 99.396 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

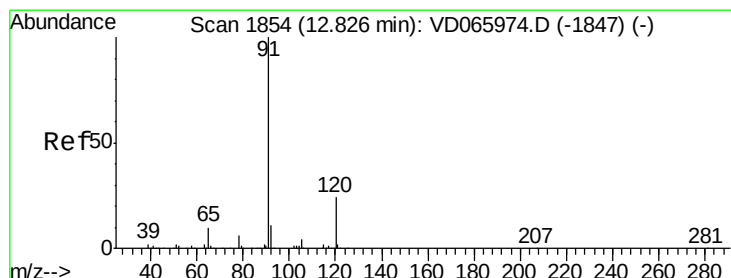
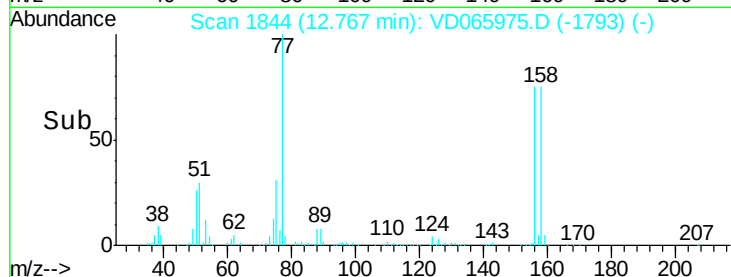
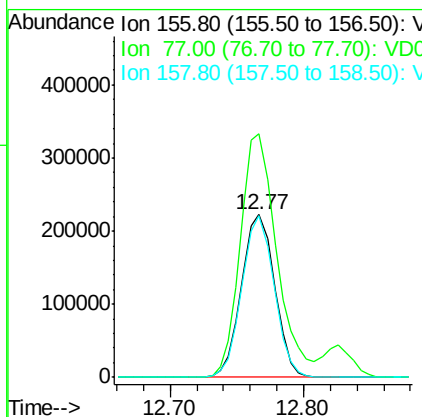
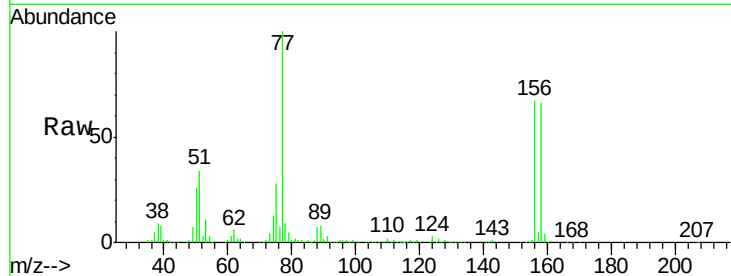
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	382654
Ion	Ratio	Lower	Upper
156	100		
77	164.8	83.0	249.0
158	96.7	48.2	144.6

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#78

n-propylbenzene

Concen: 101.270 ug/l

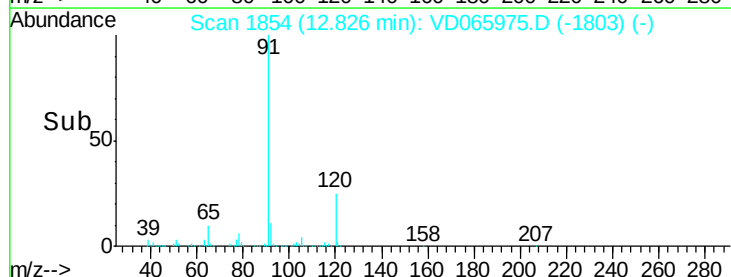
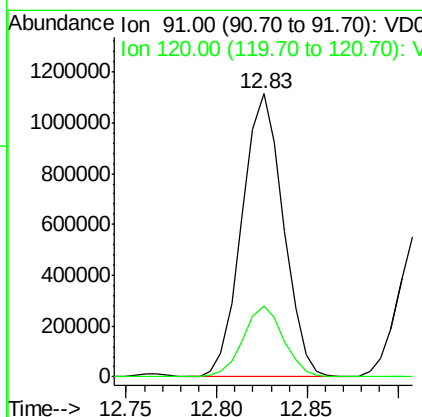
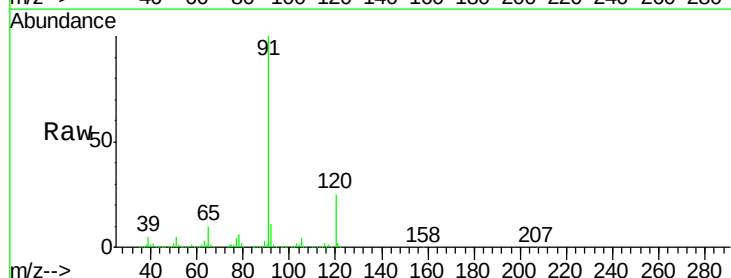
RT: 12.83 min Scan# 1854

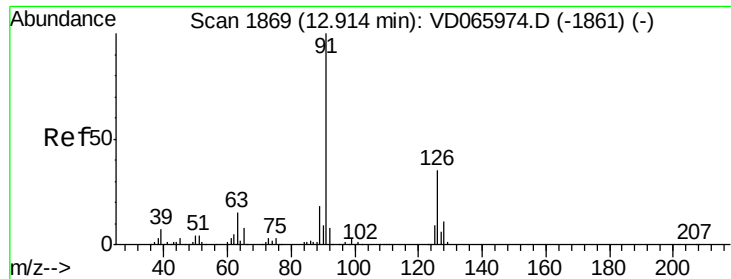
Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Tgt Ion:	91	Resp:	1769666
Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.0	36.0





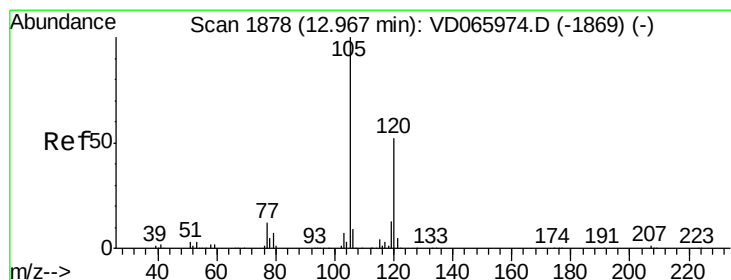
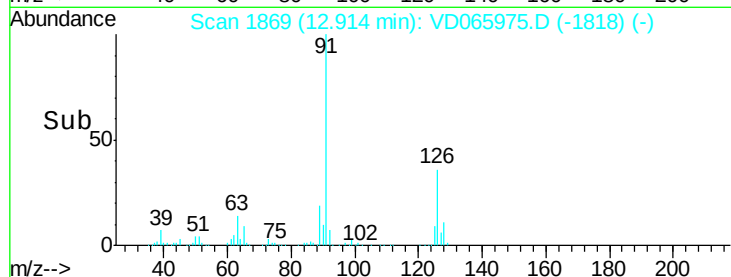
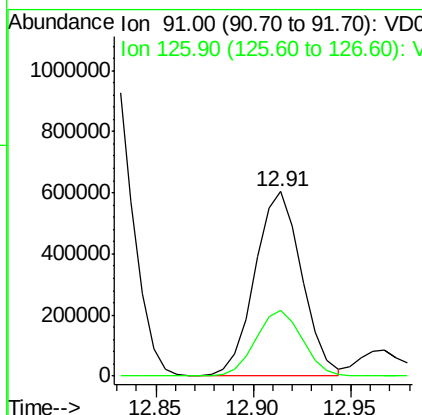
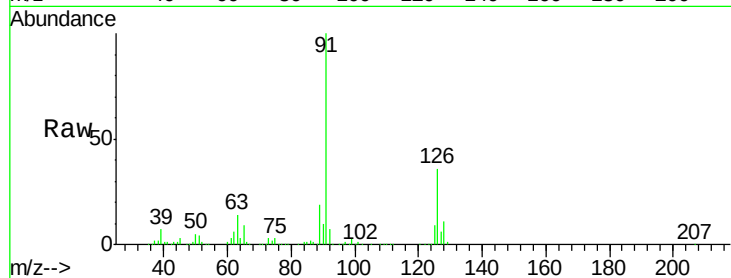
#79
 2-Chlorotoluene
 Concen: 100.429 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 1001807
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.7 53.1

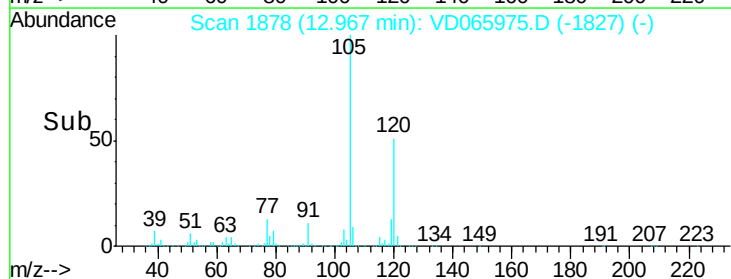
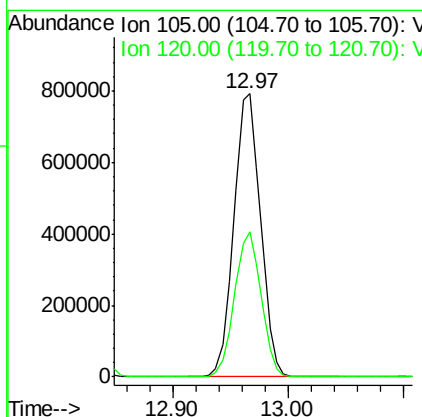
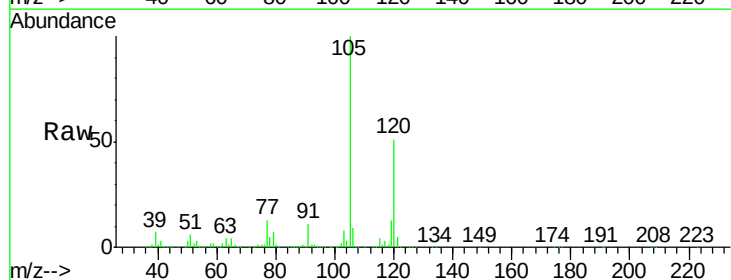
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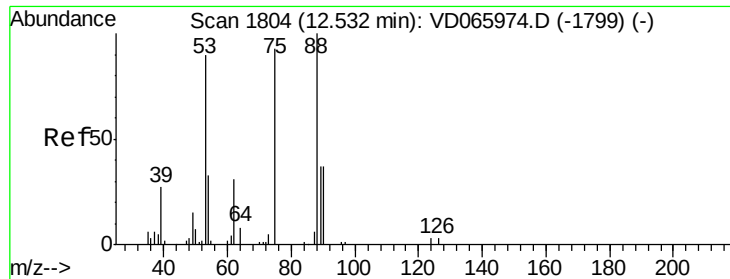
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 101.775 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion:105 Resp: 1264309
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 108.605 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

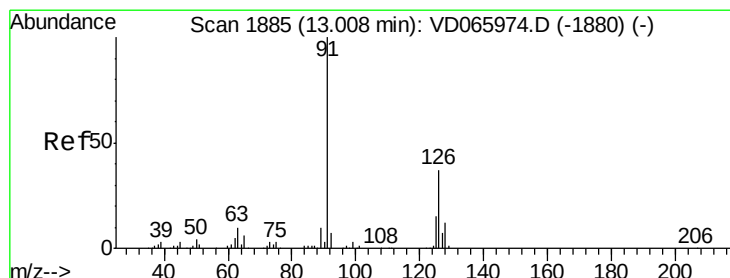
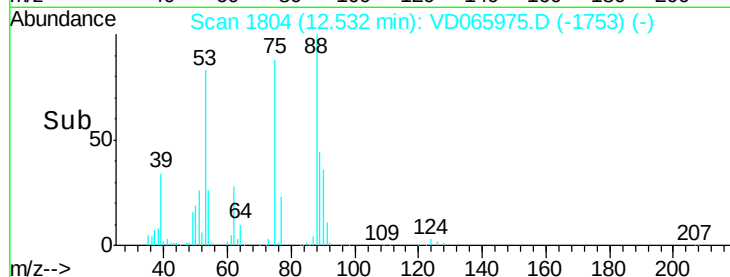
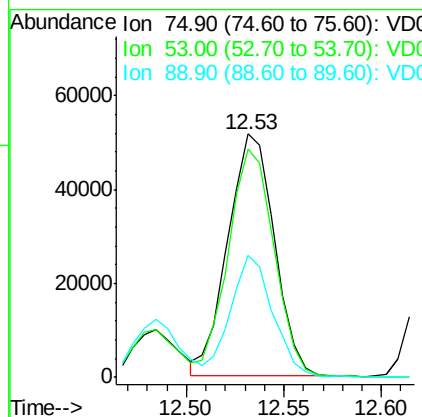
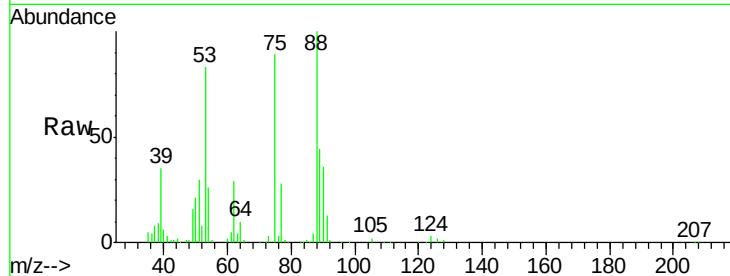
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	85657
Ion	Ratio	Lower	Upper
75	100		
53	93.9	76.8	115.2
89	45.6	37.0	55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 98.756 ug/l

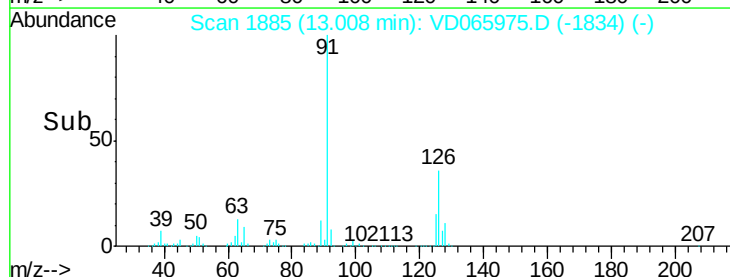
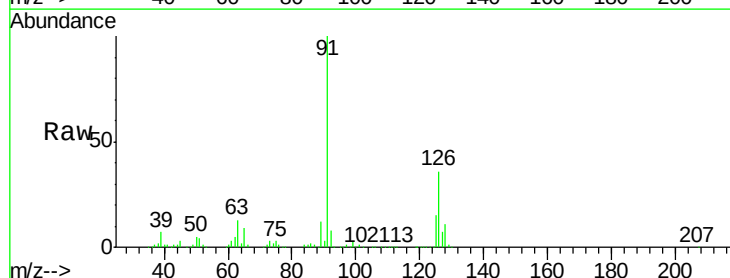
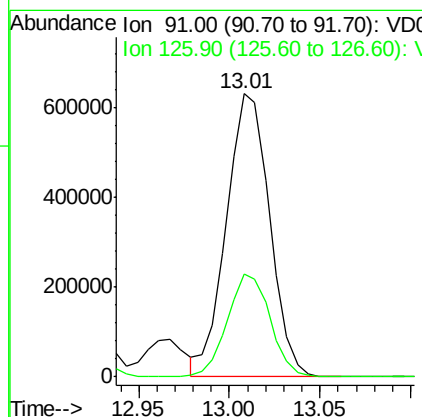
RT: 13.01 min Scan# 1885

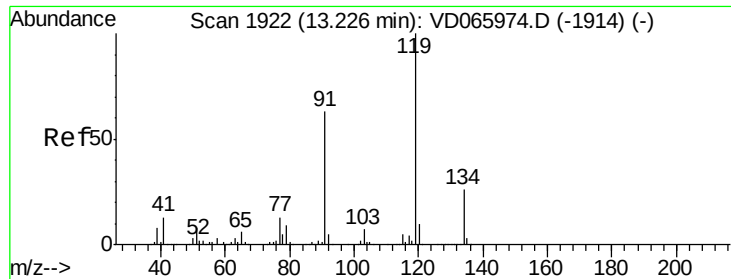
Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Tgt Ion:	91	Resp:	1046471
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.8	53.5





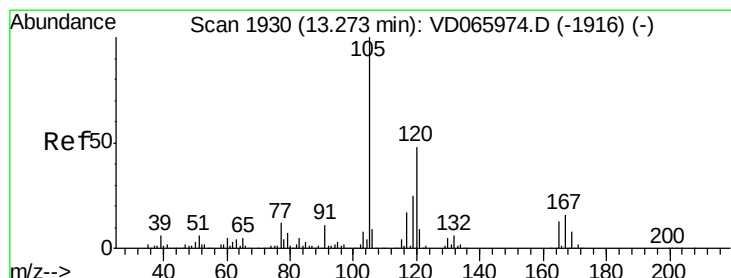
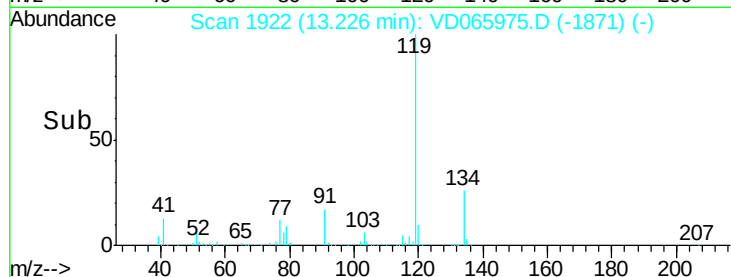
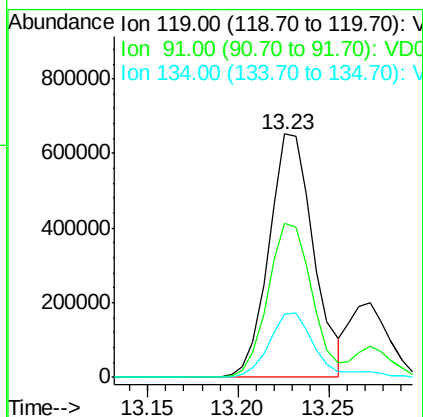
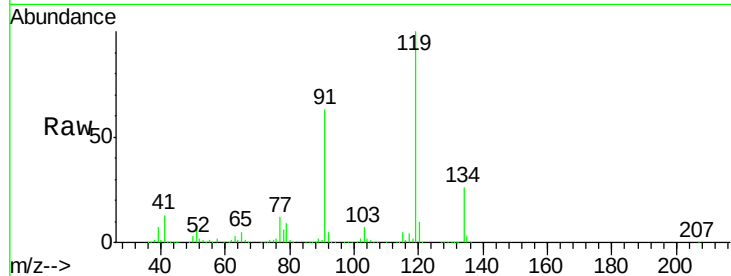
#83
 tert-Butylbenzene
 Concen: 103.664 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion:119 Resp: 1118367
 Ion Ratio Lower Upper
 119 100
 91 62.6 30.6 91.6
 134 26.1 13.9 41.7

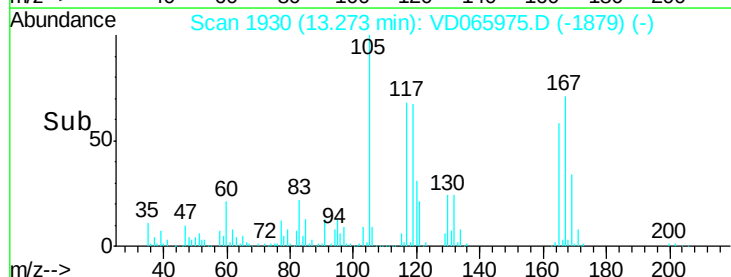
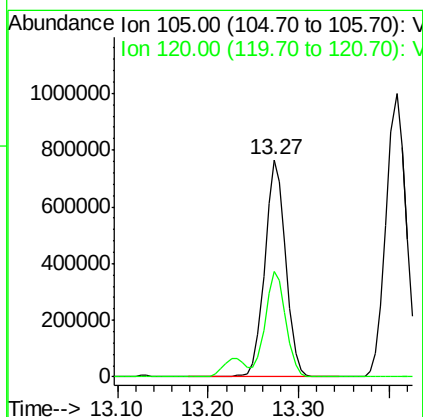
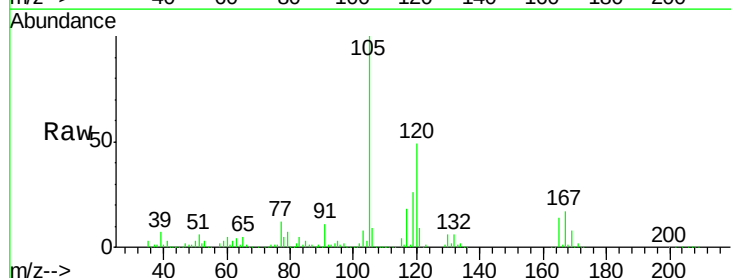
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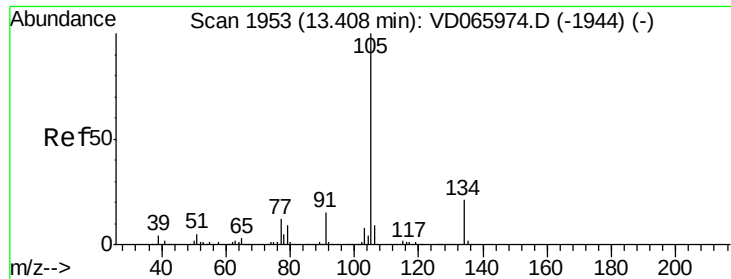
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#84
 1,2,4-Trimethylbenzene
 Concen: 101.004 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion:105 Resp: 1230661
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.9 71.8





#85

sec-Butylbenzene

Concen: 103.079 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1537568

Ion Ratio Lower Upper

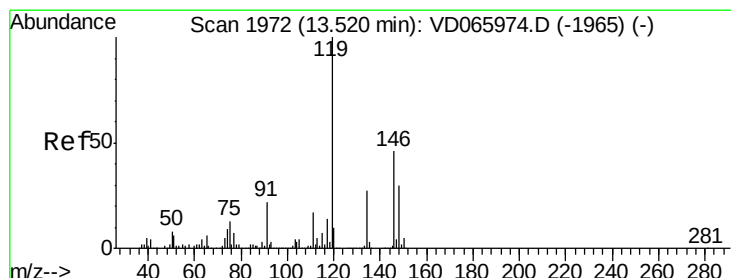
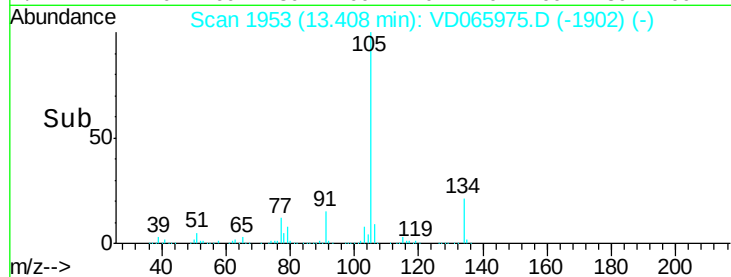
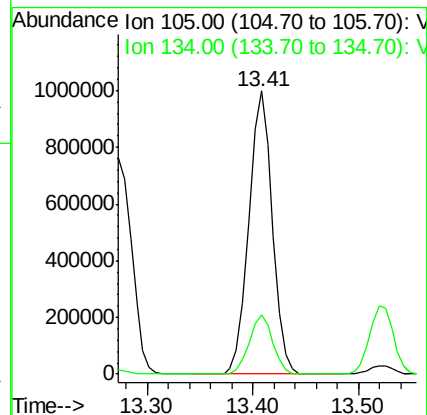
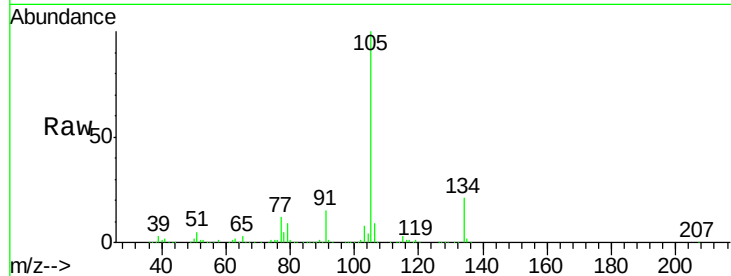
105 100

134 21.0 10.4 31.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 104.313 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065975.D

Acq: 21 Jul 2020 11:43

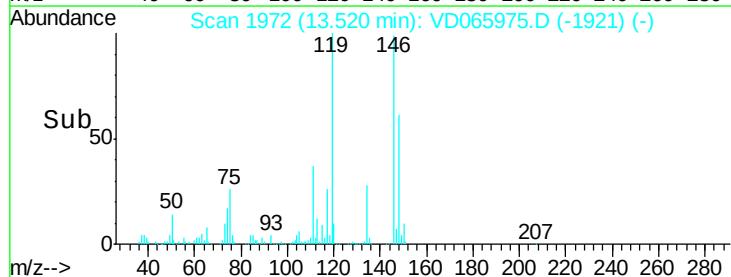
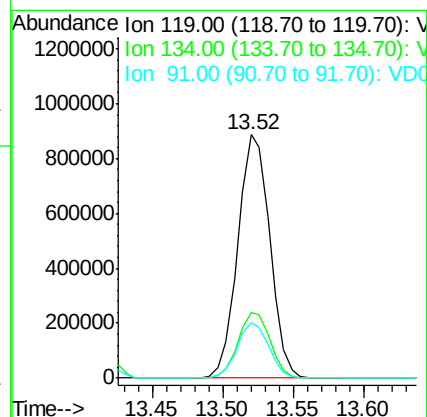
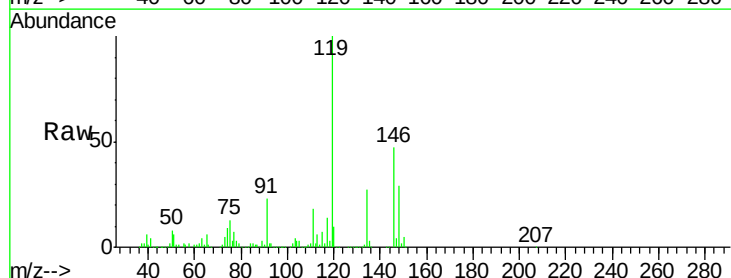
Tgt Ion:119 Resp: 1401069

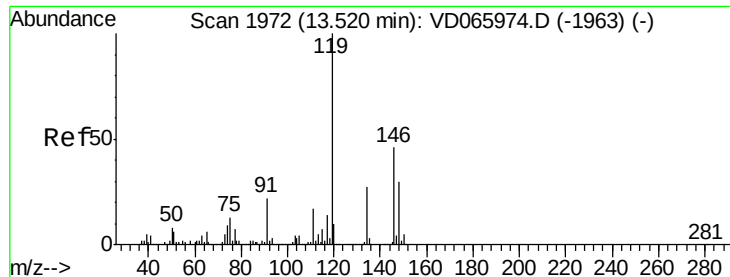
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 22.5 11.1 33.3





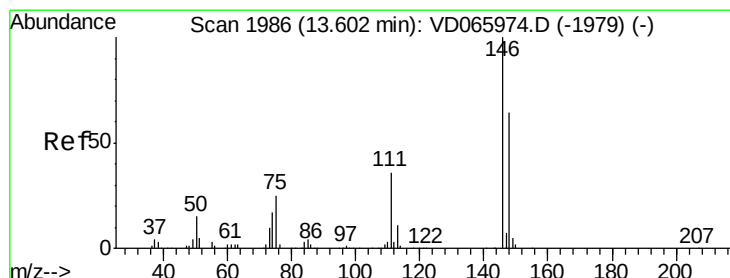
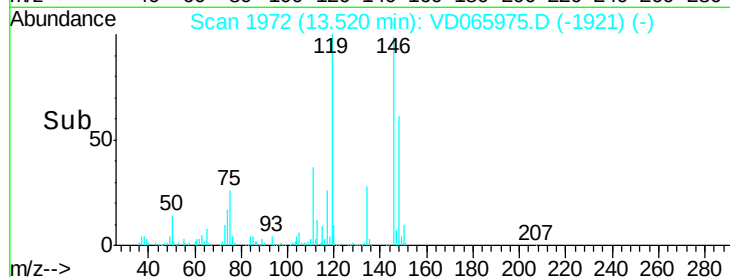
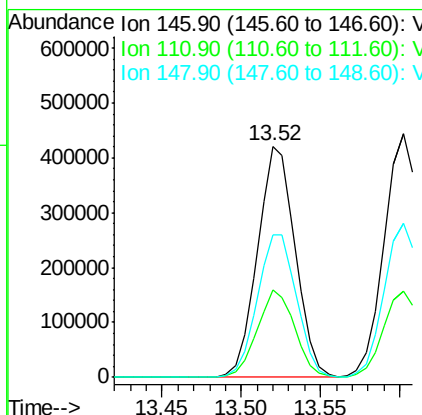
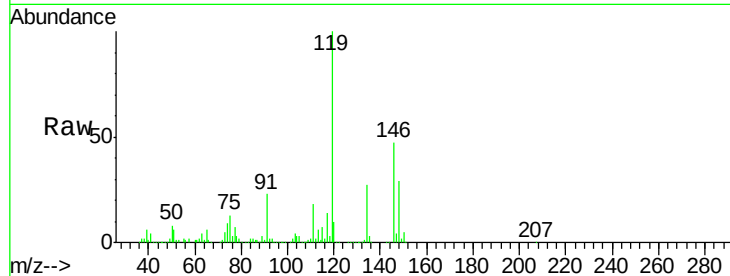
#87
 1,3-Dichlorobenzene
 Concen: 95.887 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.6
148	64.3	32.4	97.0

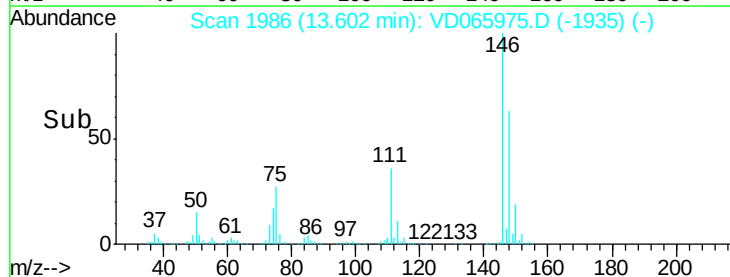
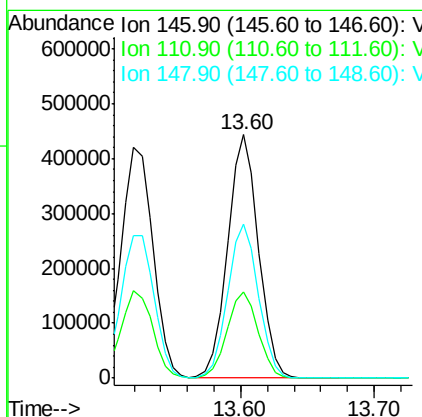
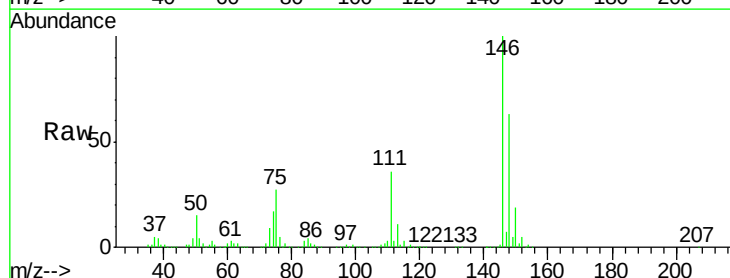
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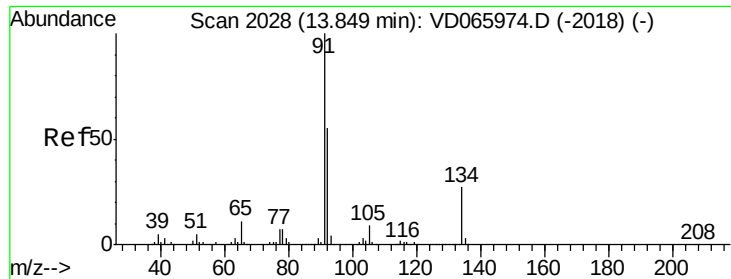
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#88
 1,4-Dichlorobenzene
 Concen: 97.718 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.8	56.4
148	63.4	32.2	96.6





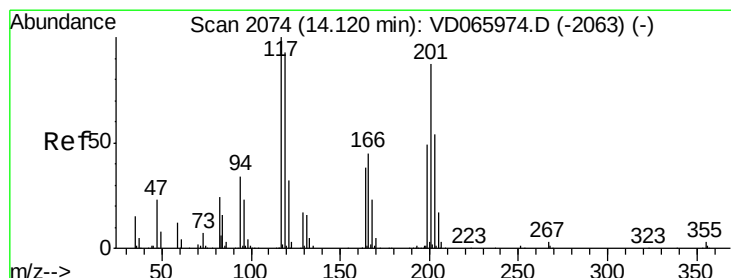
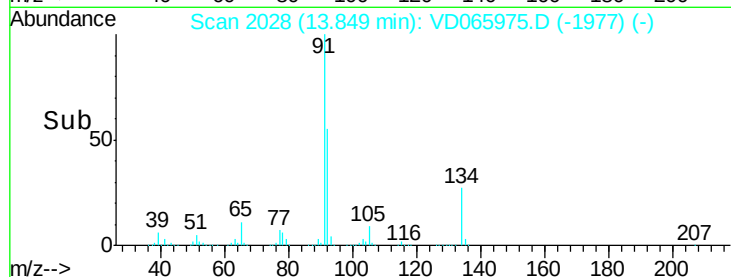
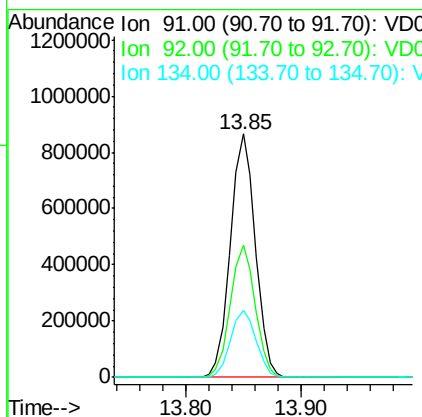
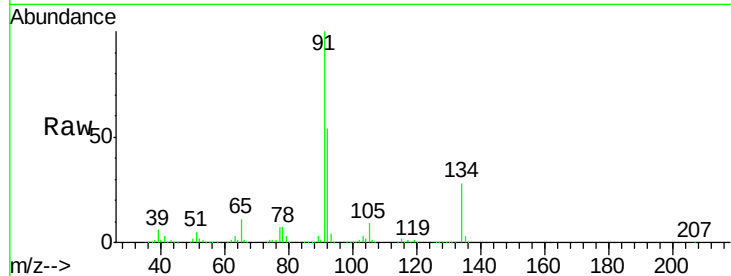
#89
n-Butylbenzene
Concen: 104.155 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	28.0	13.8	41.4

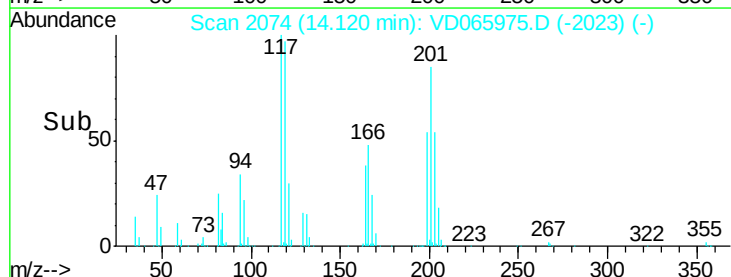
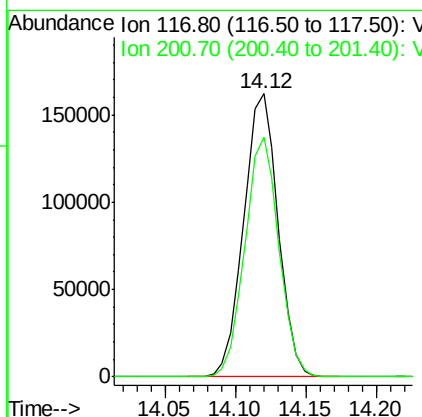
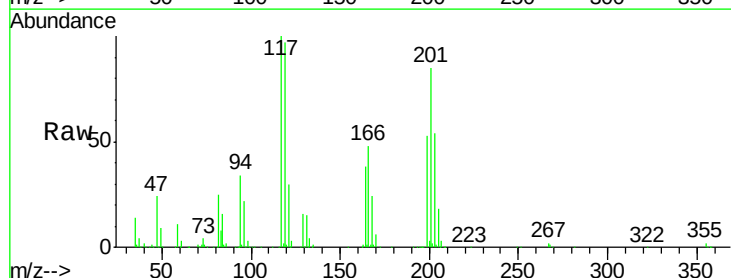
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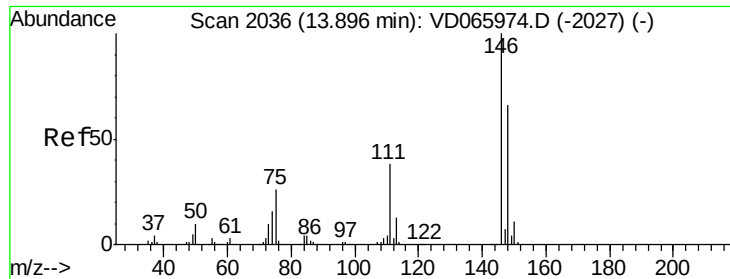
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#90
Hexachloroethane
Concen: 100.574 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.6	42.0	126.1





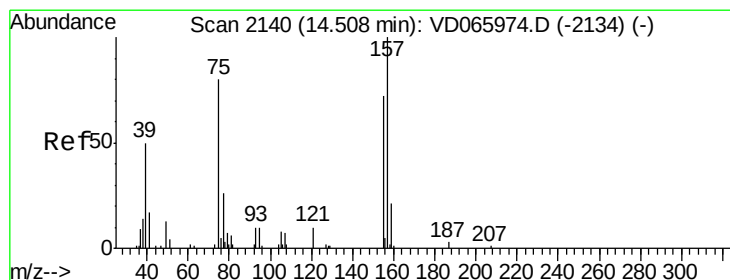
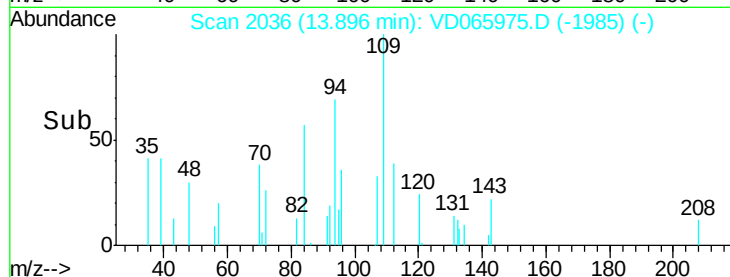
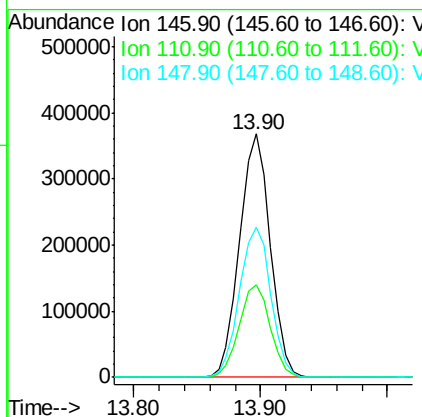
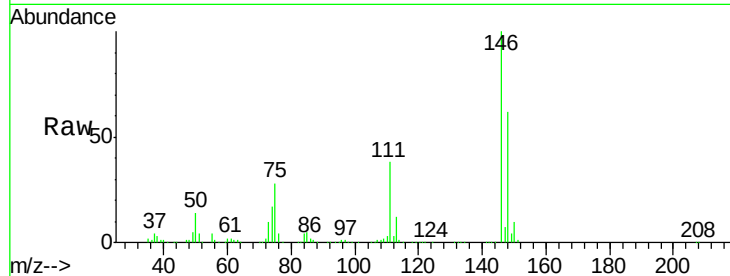
#91
 1,2-Dichlorobenzene
 Concen: 99.329 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	63.2	32.7	98.1

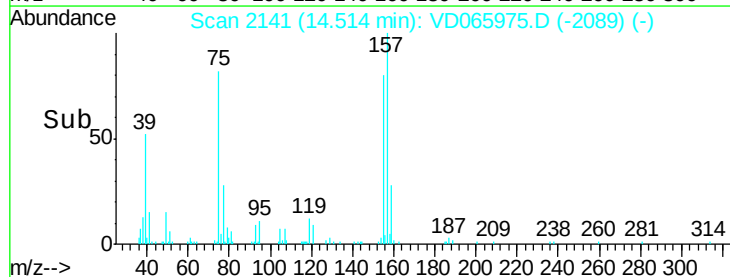
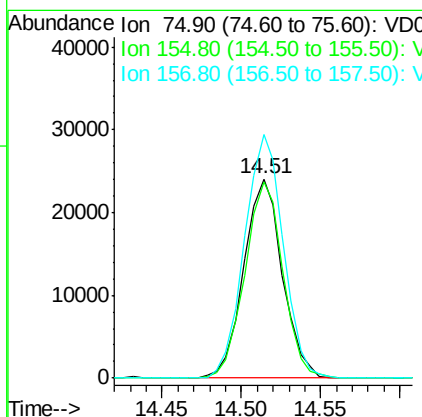
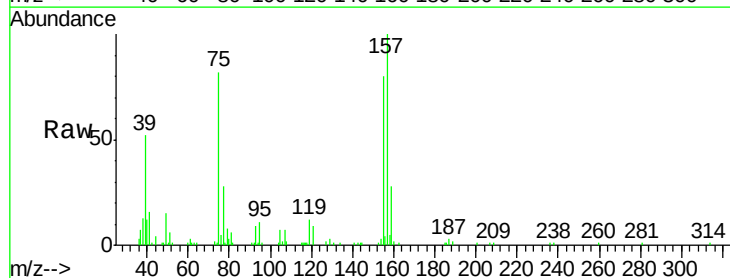
Manual Integrations
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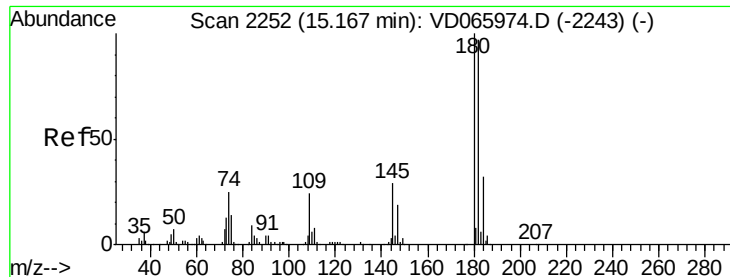
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 103.452 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.8	48.5	145.5
157	123.0	64.7	194.1





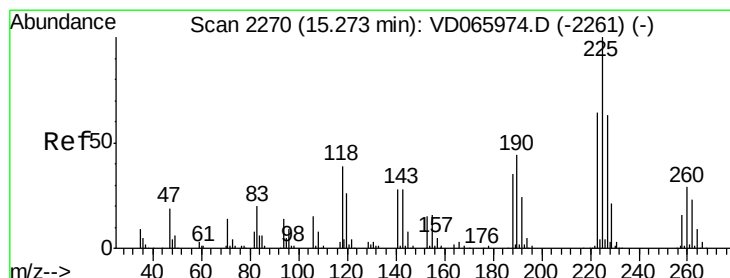
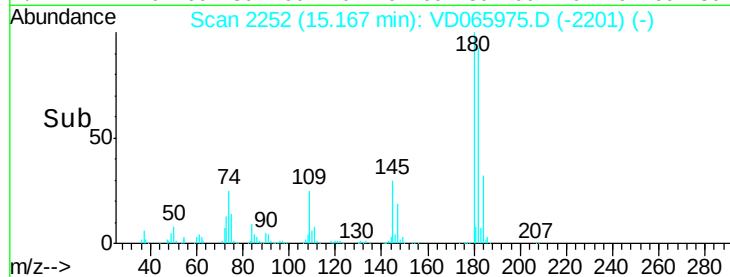
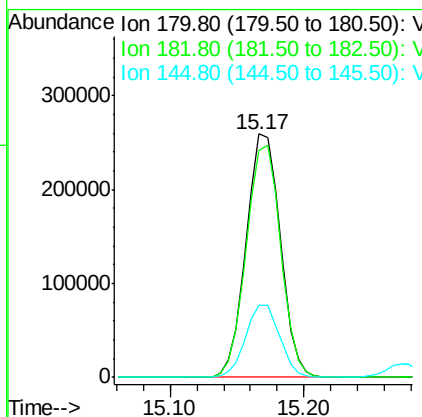
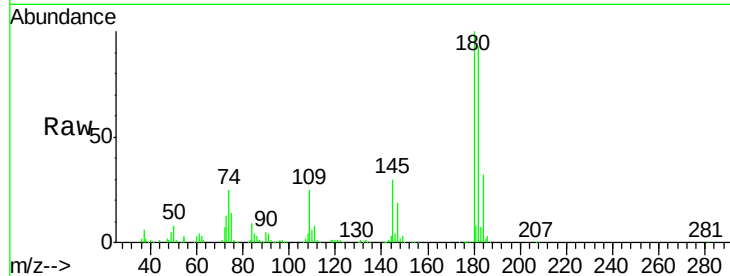
#93
 1,2,4-Trichlorobenzene
 Concen: 106.226 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	459334		
182	95.6	48.1	144.3	
145	29.6	14.7	44.1	

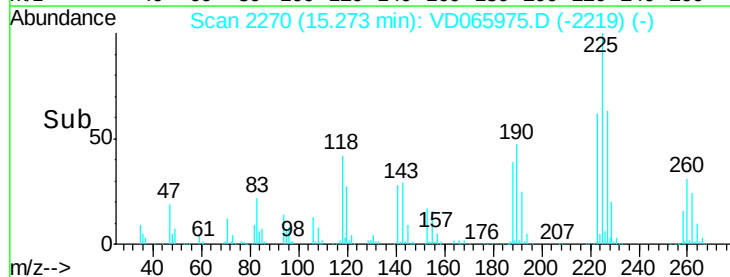
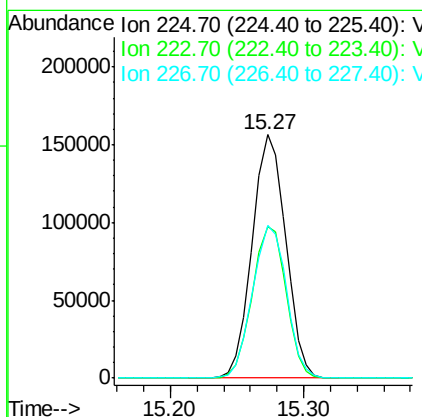
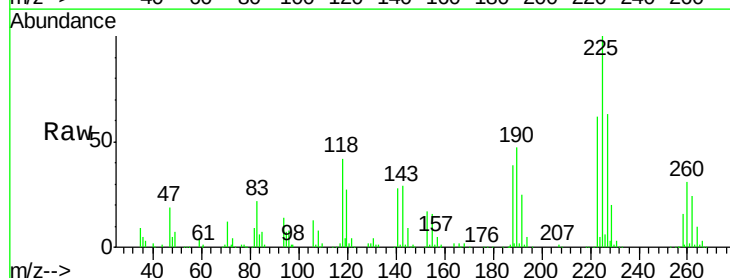
Manual Integrations
 APPROVED

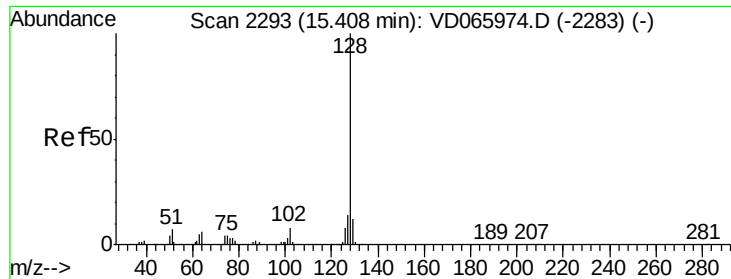
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 100.405 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065975.D
 Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	271860		
223	63.0	31.2	93.6	
227	63.5	31.6	94.8	





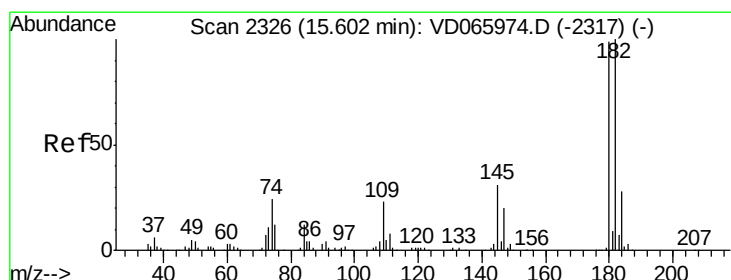
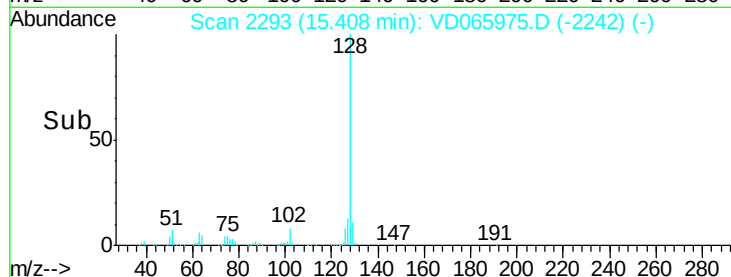
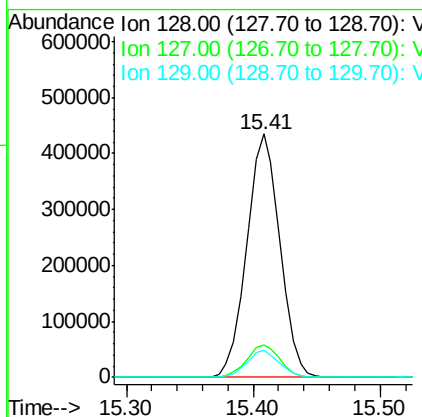
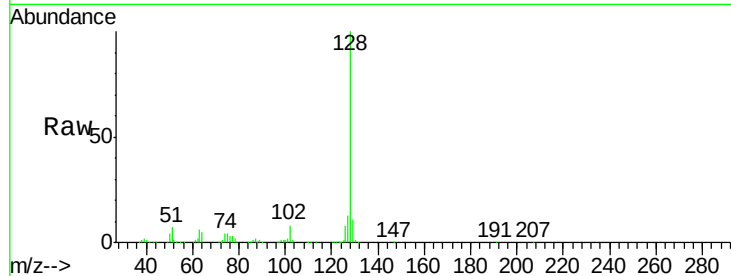
#95
Naphthalene
Concen: 119.538 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
128	100	789284		
127	13.2		10.8	16.2
129	10.9		8.9	13.3

Manual Integrations
APPROVED

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7/22/2020 2:44:24 PM



#96
1,2,3-Trichlorobenzene
Concen: 105.747 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065975.D
Acq: 21 Jul 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	400175		
182	95.5		47.9	143.6
145	30.8		15.4	46.2

