

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066628.D
 Acq On : 10 Sep 2020 22:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:18:00 AM

Quant Time: Sep 11 03:09:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	325776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	561569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	516150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	234066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	228909	58.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.16%	
35) Dibromofluoromethane	7.91	113	211477	55.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.64%	
50) Toluene-d8	10.34	98	764685	56.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.94%	
62) 4-Bromofluorobenzene	12.63	95	252860	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	140341	52.354	ug/l	96
3) Chloromethane	2.21	50	197503	47.939	ug/l	99
4) Vinyl Chloride	2.35	62	215228	47.101	ug/l	98
5) Bromomethane	2.77	94	152360	53.015	ug/l	94
6) Chloroethane	2.92	64	139440	48.044	ug/l	99
7) Trichlorofluoromethane	3.27	101	335292	49.671	ug/l	90
8) Diethyl Ether	3.71	74	98415	57.897	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	181315	49.630	ug/l	99
10) Methyl Iodide	4.30	142	182068	54.263	ug/l	99
11) Tert butyl alcohol	5.22	59	67279	277.977	ug/l	99
12) 1,1-Dichloroethene	4.07	96	172028	52.412	ug/l	94
13) Acrolein	3.93	56	44305	274.905	ug/l	97
14) Allyl chloride	4.71	41	294718	54.789	ug/l	99
15) Acrylonitrile	5.42	53	225107	308.279	ug/l	100
16) Acetone	4.15	43	176117	242.840	ug/l	96
17) Carbon Disulfide	4.41	76	542540	50.281	ug/l	100
18) Methyl Acetate	4.71	43	99065	57.302	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	459155	59.654	ug/l	96
20) Methylene Chloride	4.96	84	231646	59.923	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	212645	54.558	ug/l	99
22) Diisopropyl ether	6.36	45	649242	58.692	ug/l	98
23) Vinyl Acetate	6.30	43	1902934	302.296	ug/l	98
24) 1,1-Dichloroethane	6.26	63	385392	55.402	ug/l	98
25) 2-Butanone	7.21	43	278131	285.686	ug/l	92
26) 2,2-Dichloropropane	7.21	77	308470	48.343	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	236173	56.347	ug/l	98
28) Bromochloromethane	7.55	49	152508	56.946	ug/l	100
29) Tetrahydrofuran	7.56	42	187489	309.224	ug/l	97
30) Chloroform	7.71	83	414252	56.290	ug/l	97
31) Cyclohexane	7.98	56	317277	49.341	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	367067	53.051	ug/l	99
36) 1,1-Dichloropropene	8.10	75	306466	52.439	ug/l	98
37) Ethyl Acetate	7.29	43	129176	55.508	ug/l	98
38) Carbon Tetrachloride	8.09	117	320776	51.928	ug/l	96

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MMDadoda
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Quant Time: Sep 11 03:09:11 2020
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 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	334238	51.217	ug/l	97
40) Benzene	8.35	78	859092	53.673	ug/l	99
41) Methacrylonitrile	7.52	41	62235m	55.247	ug/l	
42) 1,2-Dichloroethane	8.42	62	273714	52.779	ug/l	99
43) Isopropyl Acetate	8.45	43	251805	56.462	ug/l	99
44) Trichloroethene	9.11	130	221589	52.778	ug/l	98
45) 1,2-Dichloropropane	9.38	63	218178	54.203	ug/l	96
46) Dibromomethane	9.47	93	121378	54.656	ug/l	97
47) Bromodichloromethane	9.66	83	327034	54.430	ug/l	97
48) Methyl methacrylate	9.45	41	125405	55.610	ug/l	95
49) 1,4-Dioxane	9.46	88	27594	1132.597	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	670317	298.029	ug/l	99
52) Toluene	10.40	92	549612	54.245	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	295771	55.764	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	346042	54.328	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	160380	56.168	ug/l	97
56) Ethyl methacrylate	10.66	69	198753	59.783	ug/l	97
57) 1,3-Dichloropropane	10.94	76	279366	55.858	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	398856	262.293	ug/l	98
59) 2-Hexanone	10.98	43	455836	301.375	ug/l	100
60) Dibromochloromethane	11.14	129	208777	55.294	ug/l	99
61) 1,2-Dibromoethane	11.24	107	154591	55.650	ug/l	100
64) Tetrachloroethene	10.87	164	177199	50.989	ug/l	98
65) Chlorobenzene	11.67	112	558319	52.410	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	219008	53.867	ug/l	100
67) Ethyl Benzene	11.74	91	1039360	53.135	ug/l	99
68) m/p-Xylenes	11.85	106	789114	108.648	ug/l	99
69) o-Xylene	12.18	106	355484	54.614	ug/l	98
70) Styrene	12.19	104	631879	55.839	ug/l	98
71) Bromoform	12.36	173	113816	55.547	ug/l #	99
73) Isopropylbenzene	12.48	105	977163	56.386	ug/l	99
74) N-amyl acetate	12.29	43	231553	58.994	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	175779	57.414	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	131929m	58.607	ug/l	
77) Bromobenzene	12.76	156	215798	55.854	ug/l	98
78) n-propylbenzene	12.82	91	1172825	55.827	ug/l	100
79) 2-Chlorotoluene	12.91	91	658623	55.883	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	829617	56.877	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	53866	55.865	ug/l	96
82) 4-Chlorotoluene	13.00	91	710054	56.339	ug/l	99
83) tert-Butylbenzene	13.23	119	676834	56.823	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	829620	57.128	ug/l	99
85) sec-Butylbenzene	13.40	105	955496	55.679	ug/l	99
86) p-Isopropyltoluene	13.52	119	871237	56.406	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	416006	54.236	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	407576	52.941	ug/l	98
89) n-Butylbenzene	13.84	91	827932	55.006	ug/l	99
90) Hexachloroethane	14.11	117	177610	53.367	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	365809	54.563	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29698	57.102	ug/l	95

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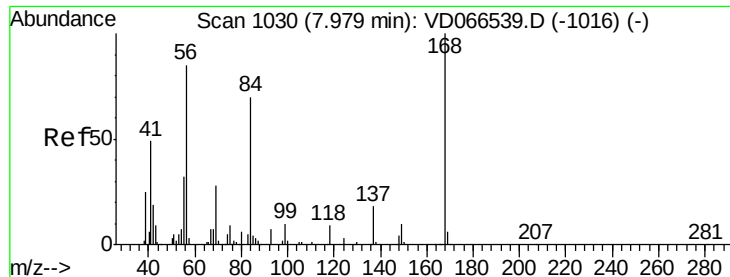
Manual Integrations
APPROVED

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9/11/2020 10:18:00 AM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	224913	55.899	ug/l	99
94) Hexachlorobutadiene	15.27	225	125624	51.970	ug/l	98
95) Naphthalene	15.40	128	444327	63.195	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	200425	58.427	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 325776

Ion Ratio Lower Upper

168 100

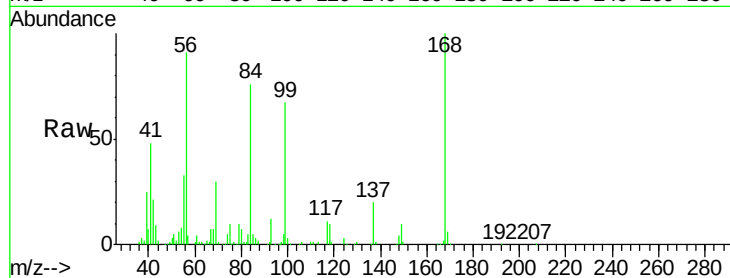
99 67.0 50.5 75.7

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

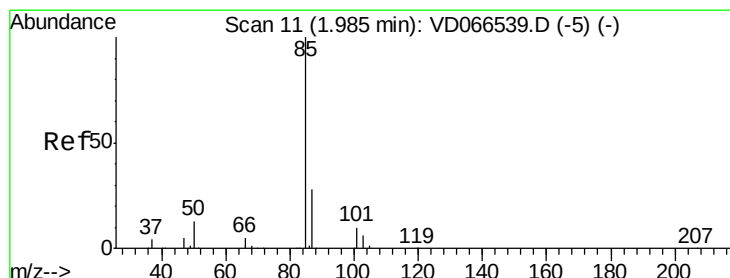
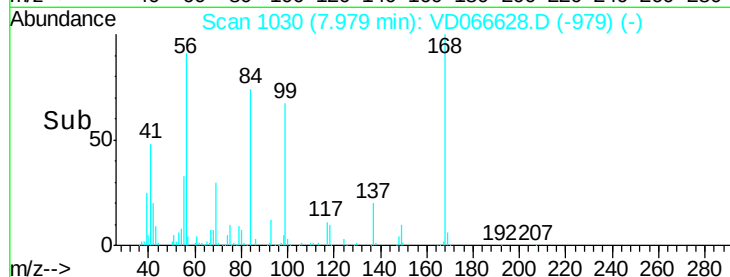
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.354 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066628.D

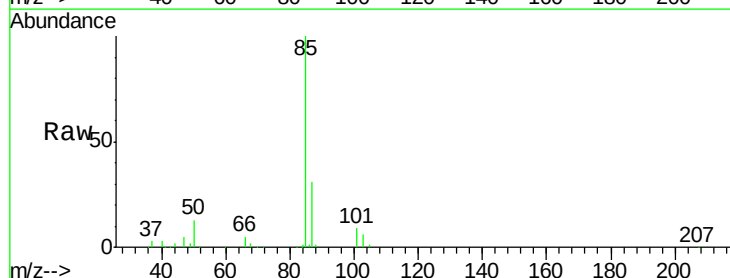
Acq: 10 Sep 2020 22:33

Tgt Ion: 85 Resp: 140341

Ion Ratio Lower Upper

85 100

87 30.6 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

60000

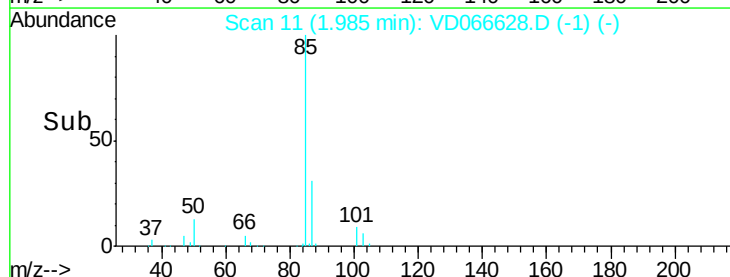
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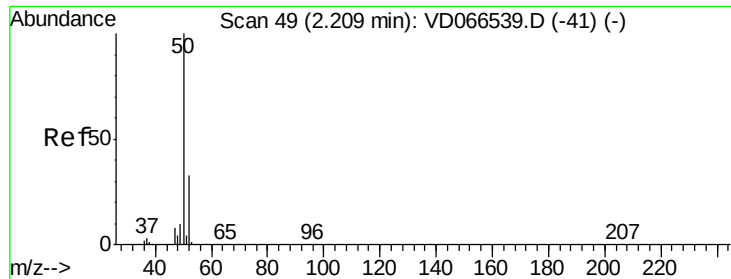
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 47.939 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 197503

Ion Ratio Lower Upper

50 100

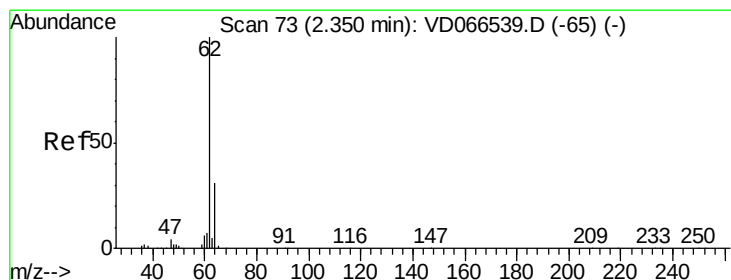
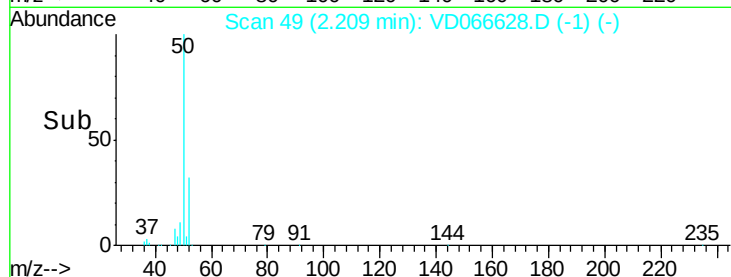
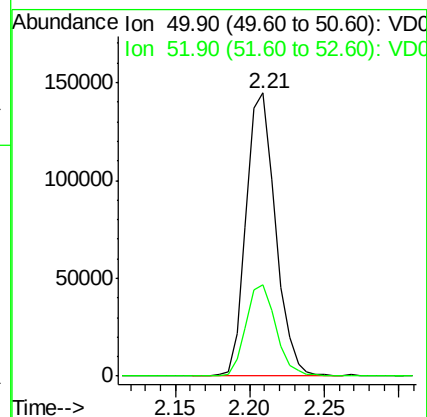
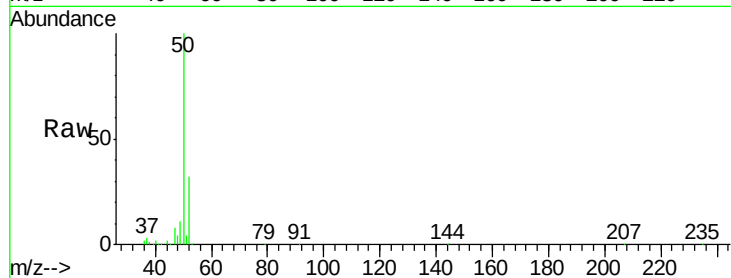
52 32.4 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.101 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066628.D

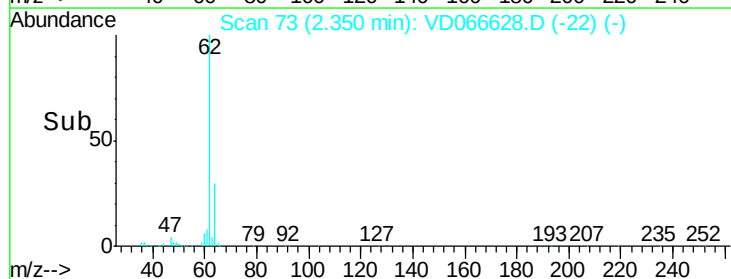
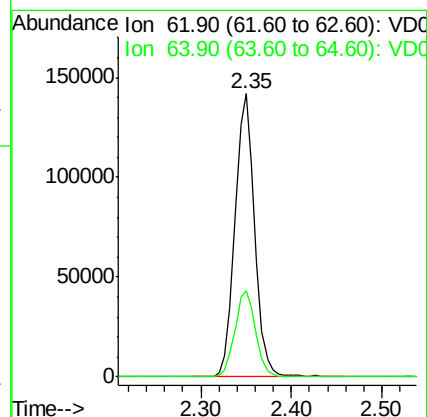
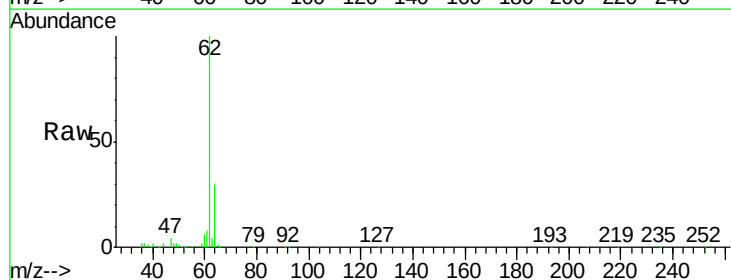
Acq: 10 Sep 2020 22:33

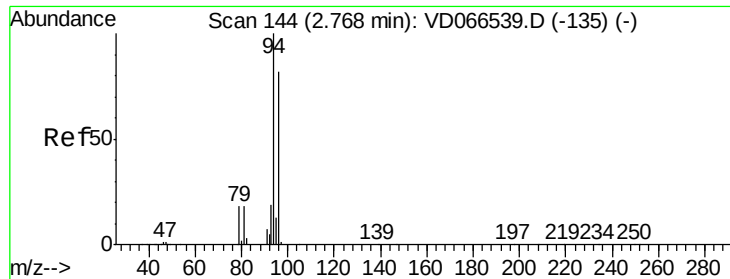
Tgt Ion: 62 Resp: 215228

Ion Ratio Lower Upper

62 100

64 30.4 25.3 37.9





#5

Bromomethane

Concen: 53.015 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 152360

Ion Ratio Lower Upper

94 100

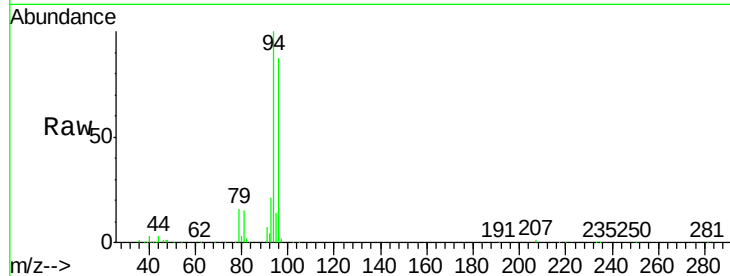
96 86.8 65.2 97.8

Manual Integrations

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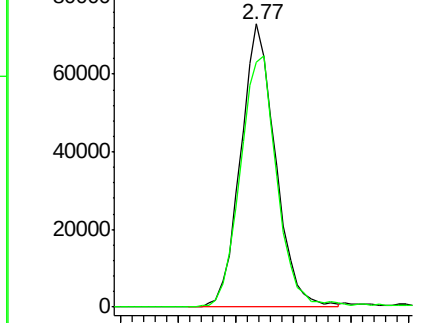
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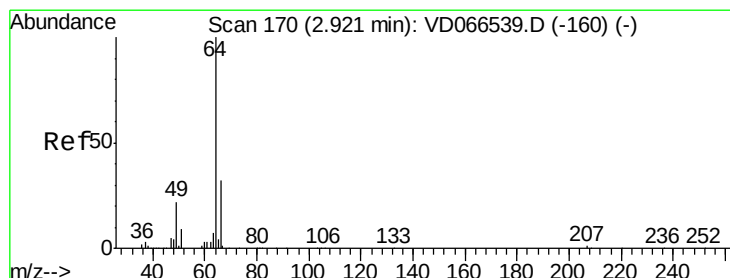
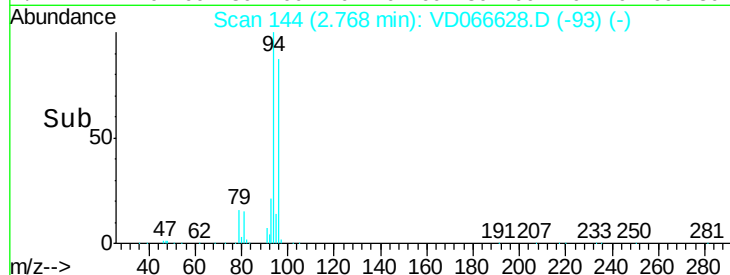


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 48.044 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066628.D

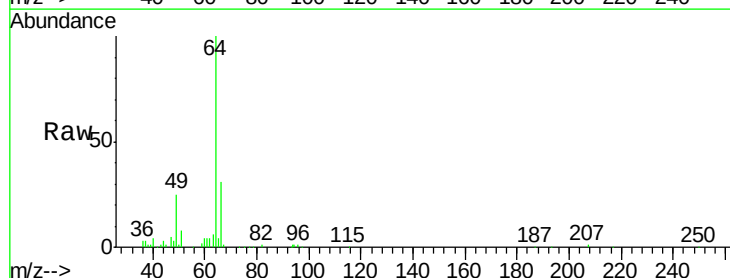
Acq: 10 Sep 2020 22:33

Tgt Ion: 64 Resp: 139440

Ion Ratio Lower Upper

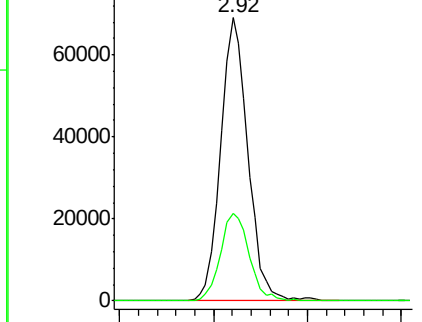
64 100

66 31.0 25.4 38.0

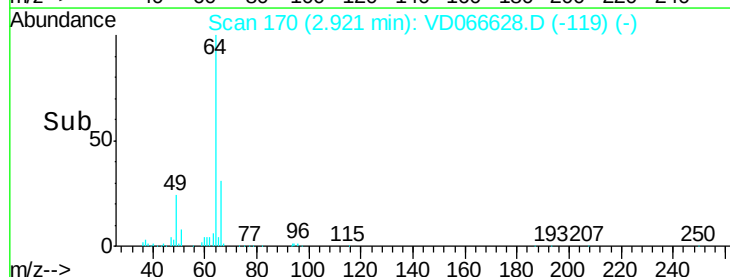


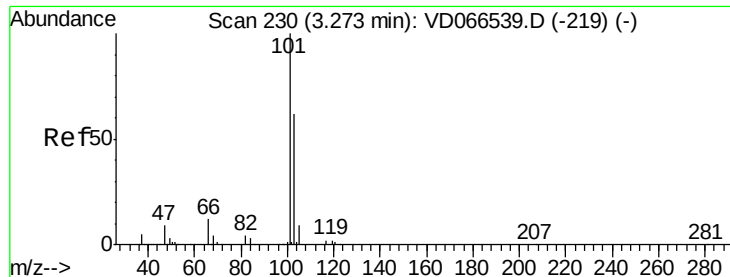
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

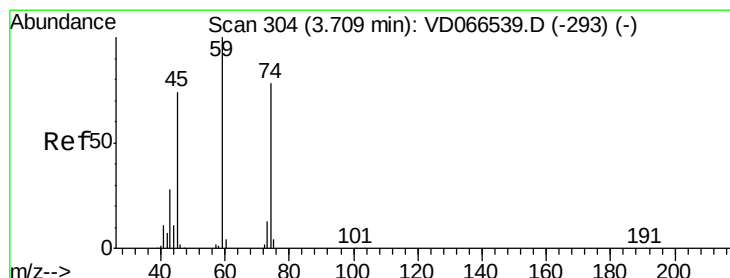
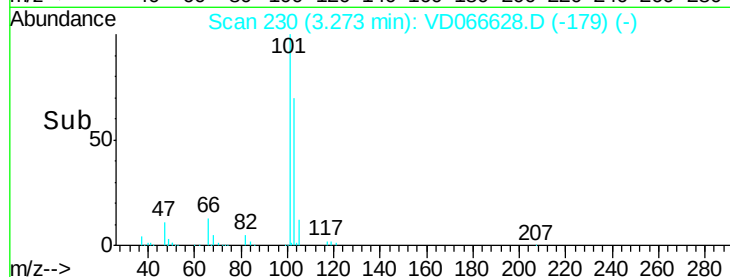
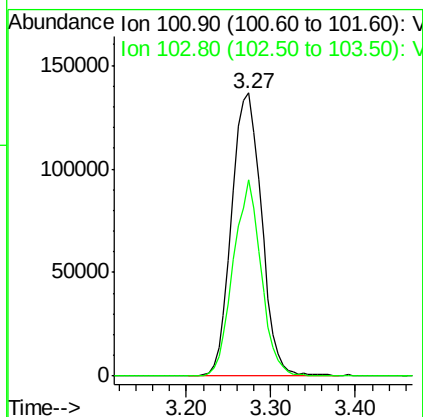
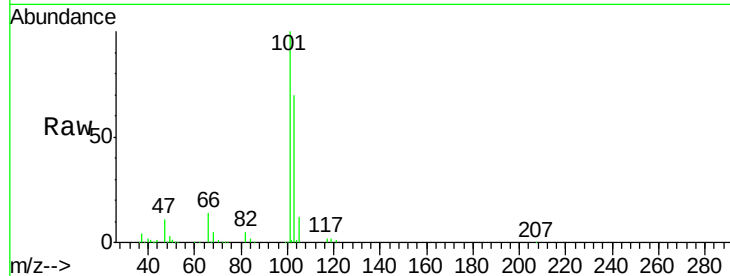
Trichlorofluoromethane
 Concen: 49.671 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.5	49.7	74.5

Manual Integrations
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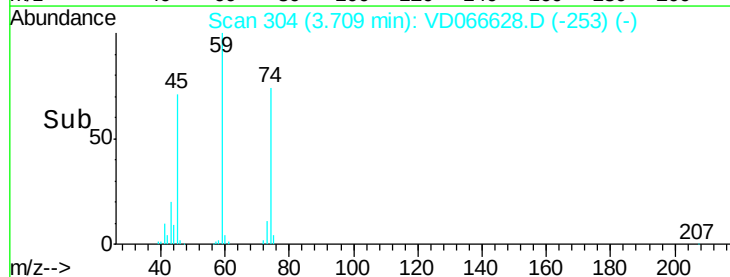
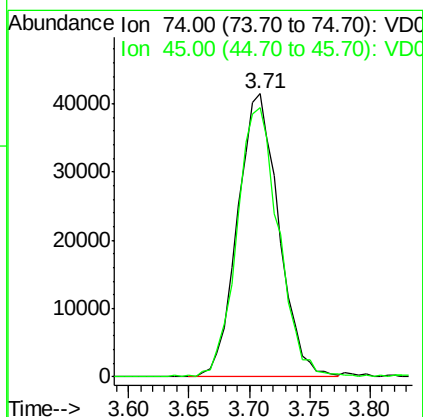
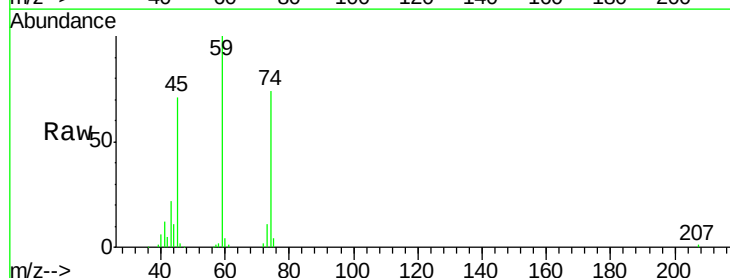
MMDadoda
 9/11/2020 10:18:00 AM

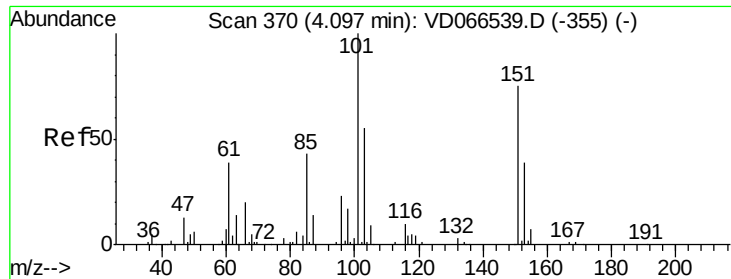


#8

Diethyl Ether
 Concen: 57.897 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.630 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

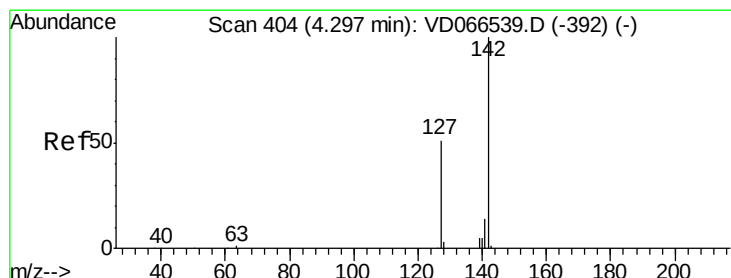
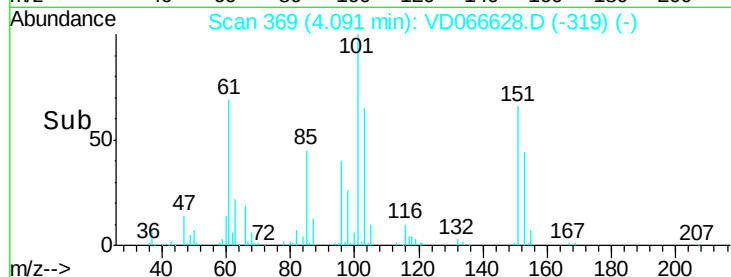
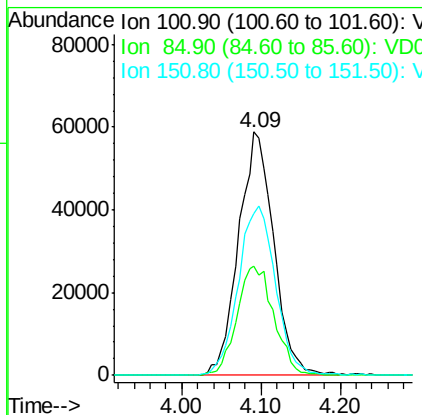
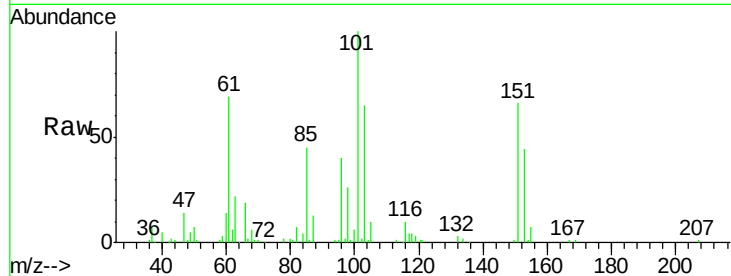
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	181315
Ion Ratio	Lower	Upper	
101	100		
85	47.1	37.0	55.6
151	73.8	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 54.263 ug/l

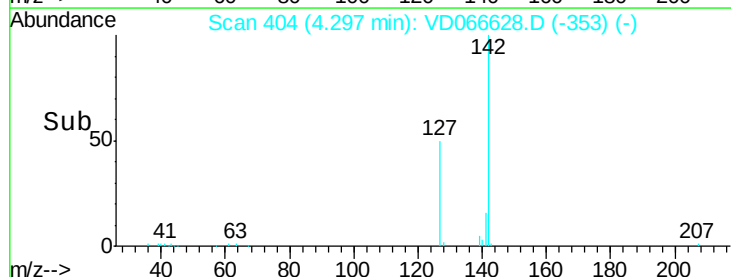
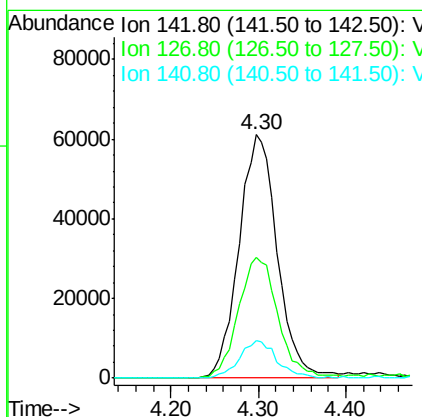
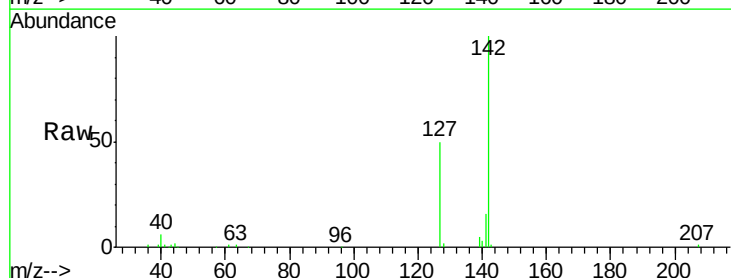
RT: 4.30 min Scan# 404

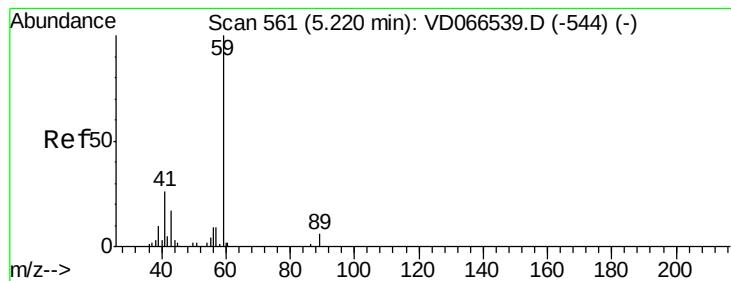
Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion:	142	Resp:	182068
Ion Ratio	Lower	Upper	
142	100		
127	51.7	40.6	61.0
141	15.0	12.2	18.4





#11

Tert butyl alcohol

Concen: 277.977 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 59 Resp: 67279

Ion Ratio Lower Upper

59 100

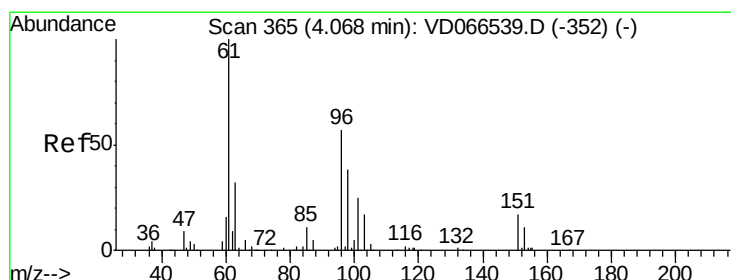
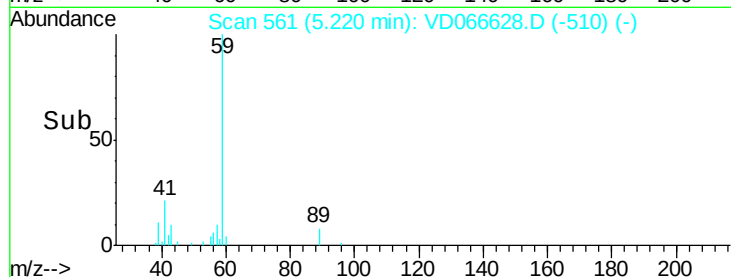
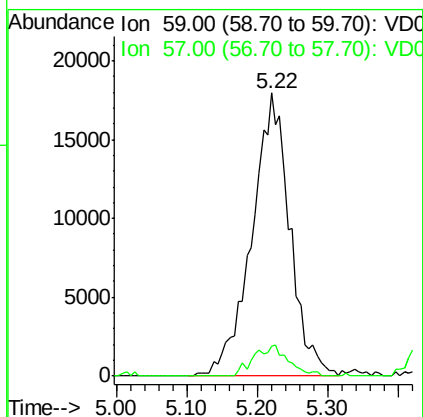
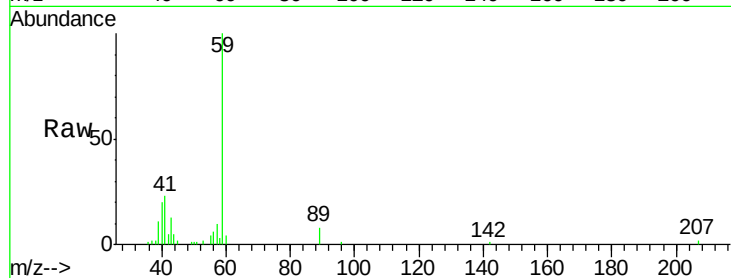
57 9.9 7.6 11.4

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#12

1,1-Dichloroethene

Concen: 52.412 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

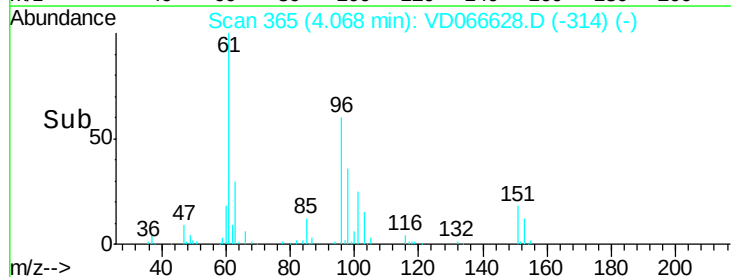
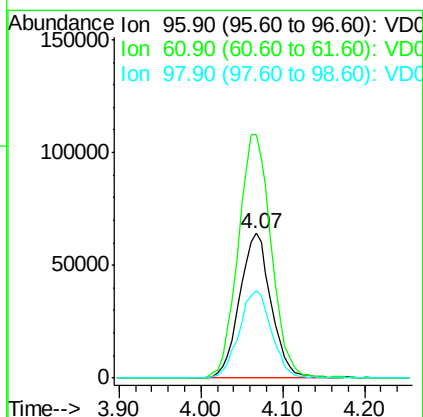
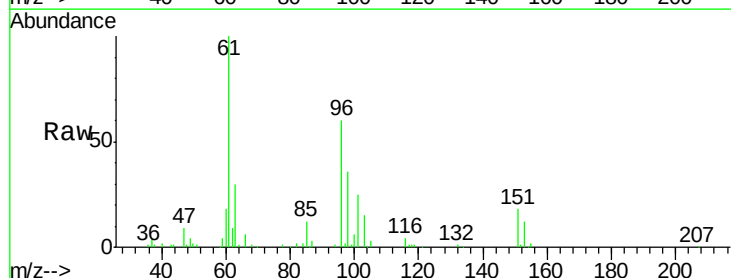
Tgt Ion: 96 Resp: 172028

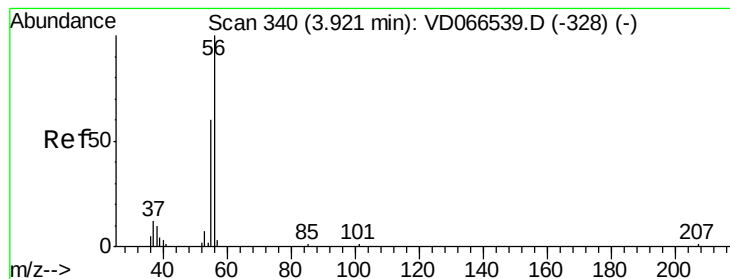
Ion Ratio Lower Upper

96 100

61 167.9 140.9 211.3

98 60.7 53.2 79.8





#13

Acrolein

Concen: 274.905 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 44305

Ion Ratio Lower Upper

56 100

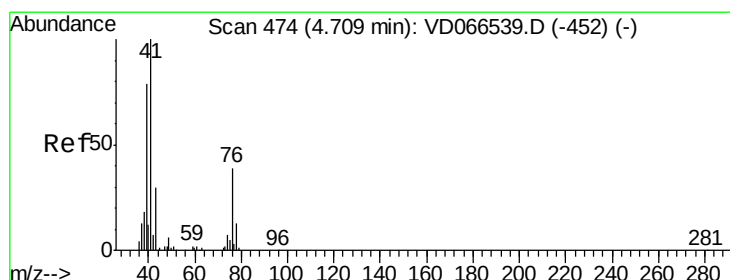
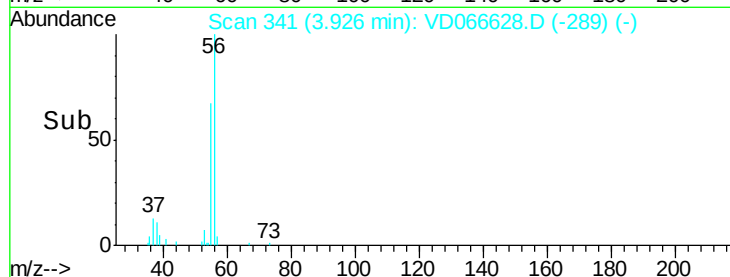
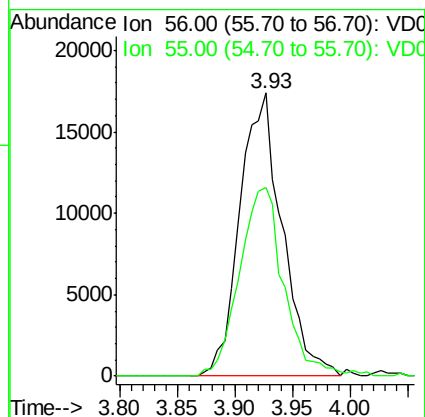
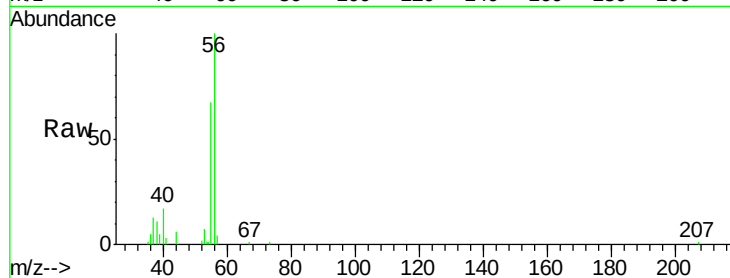
55 69.4 53.6 80.4

Manual Integrations

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#14

Allyl chloride

Concen: 54.789 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

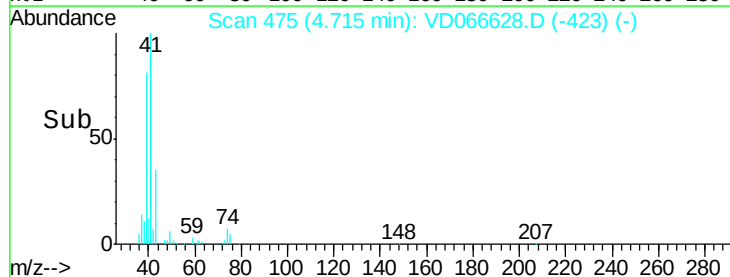
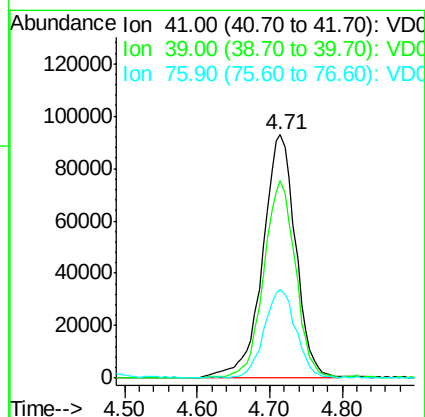
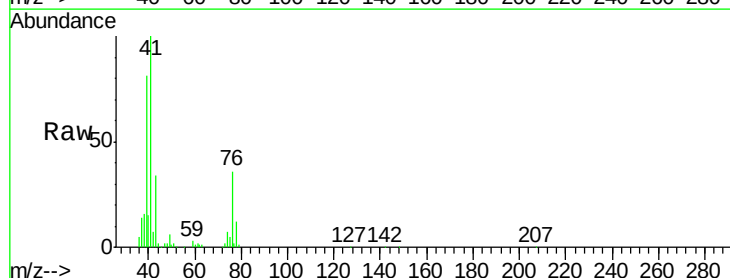
Tgt Ion: 41 Resp: 294718

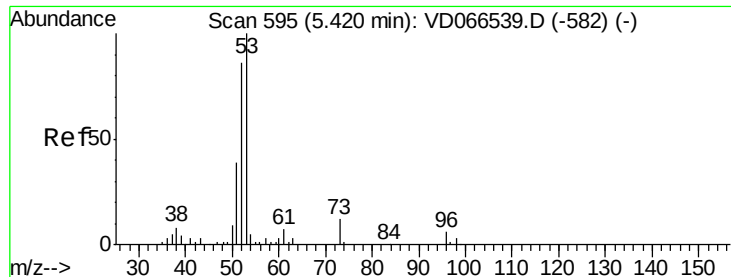
Ion Ratio Lower Upper

41 100

39 77.9 61.9 92.9

76 35.3 29.0 43.6





#15

Acrylonitrile

Concen: 308.279 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

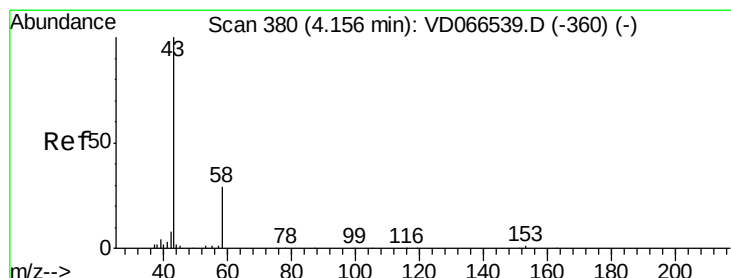
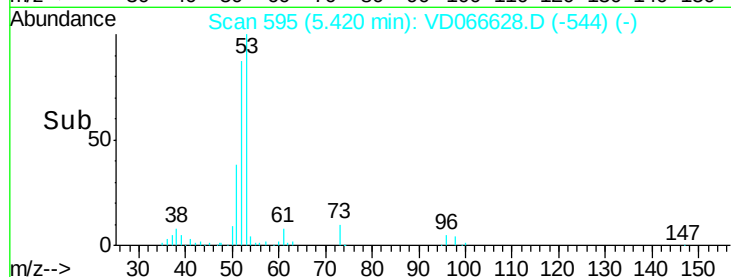
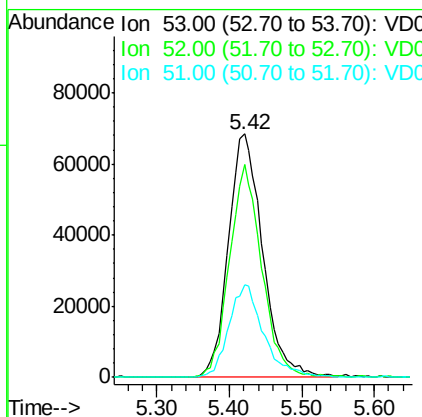
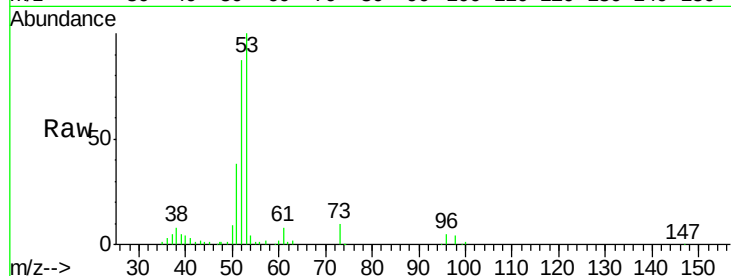
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	225107
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.4	98.2
51	38.5	31.2	46.8

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#16

Acetone

Concen: 242.840 ug/l

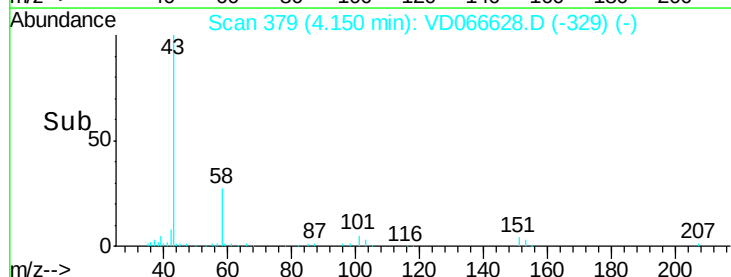
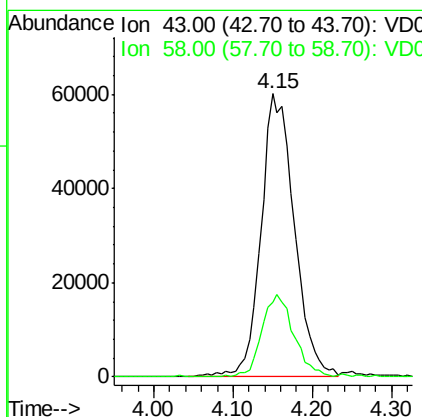
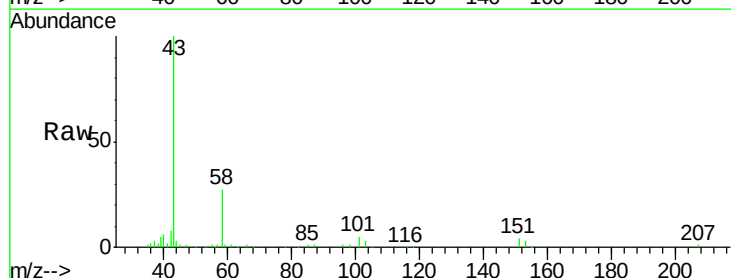
RT: 4.15 min Scan# 379

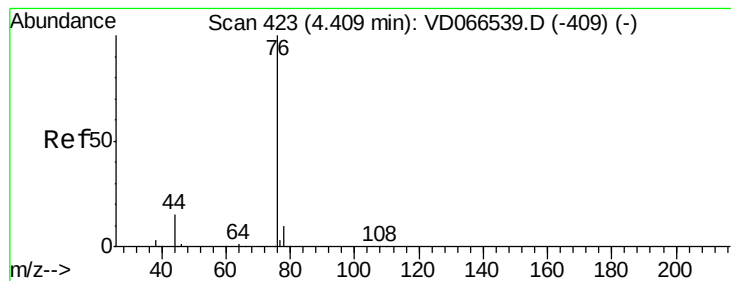
Delta R.T. -0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion:	43	Resp:	176117
Ion Ratio	Lower	Upper	
43	100		
58	26.3	22.9	34.3





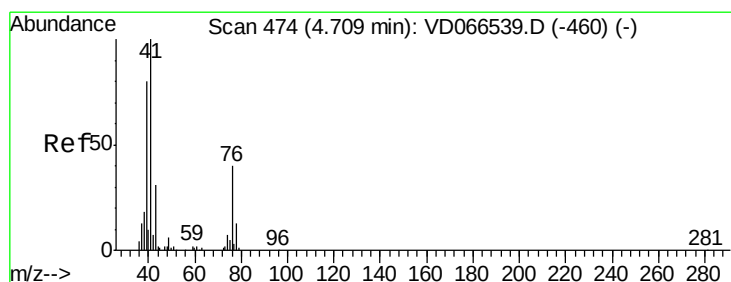
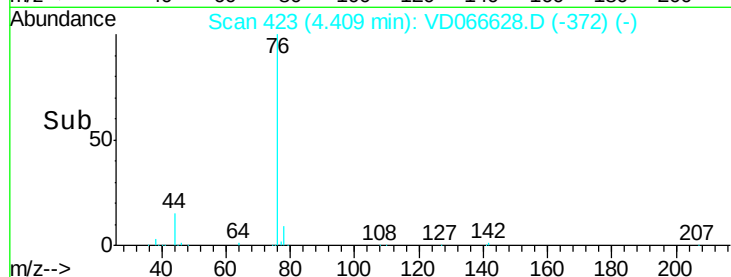
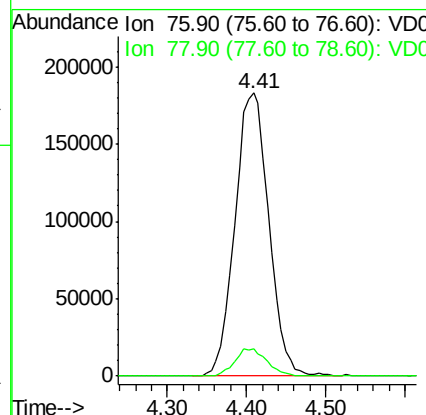
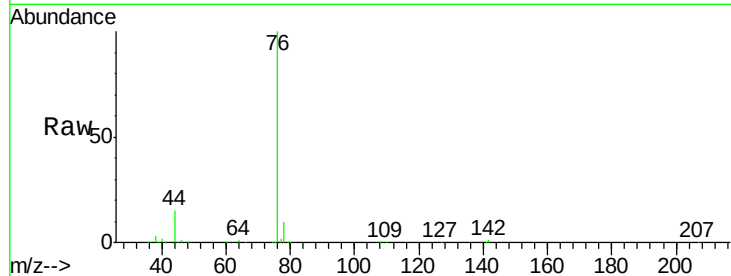
#17
Carbon Disulfide
Concen: 50.281 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.6	11.4

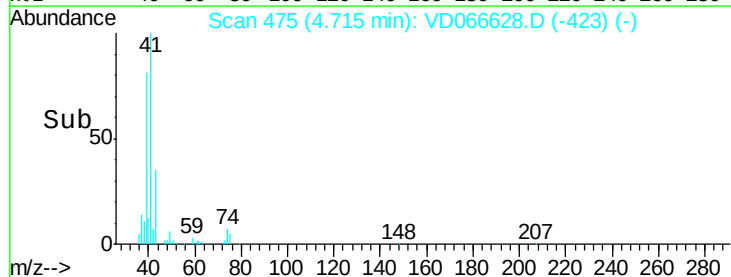
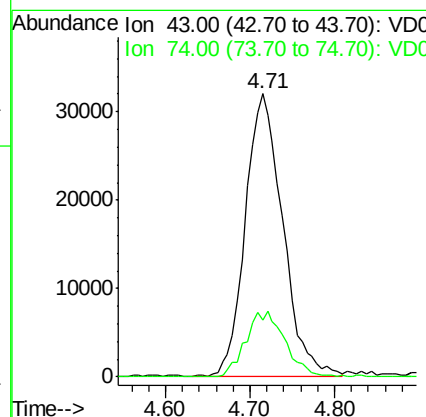
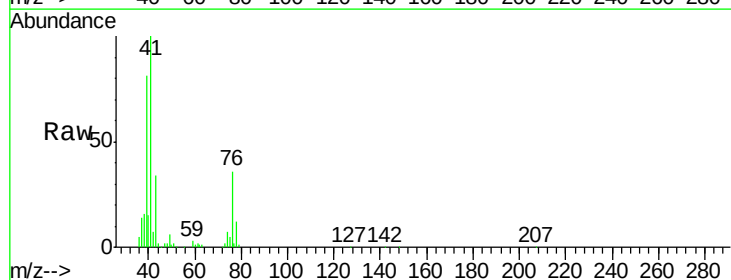
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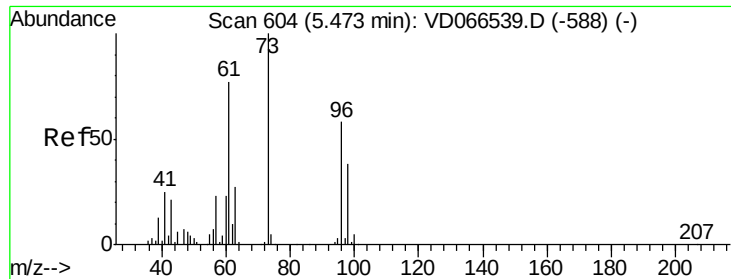
MMDadoda
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#18
Methyl Acetate
Concen: 57.302 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.0	27.0





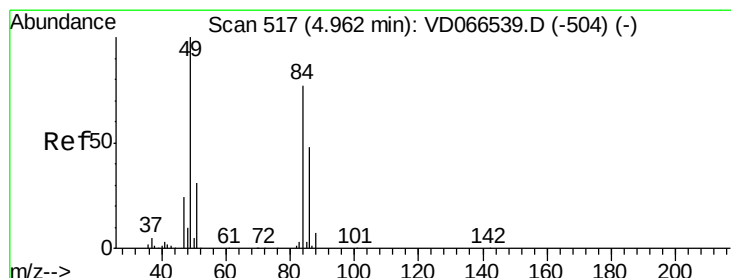
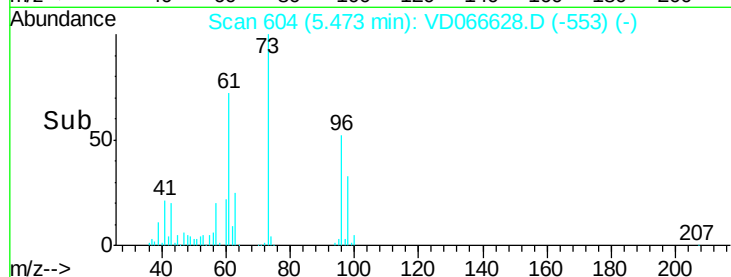
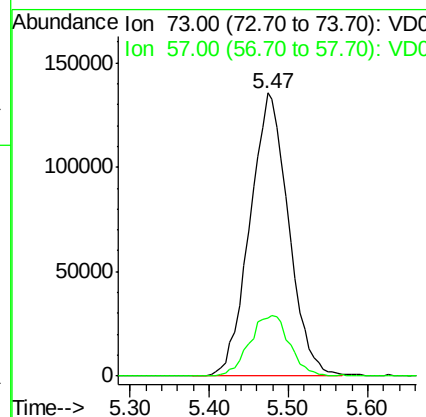
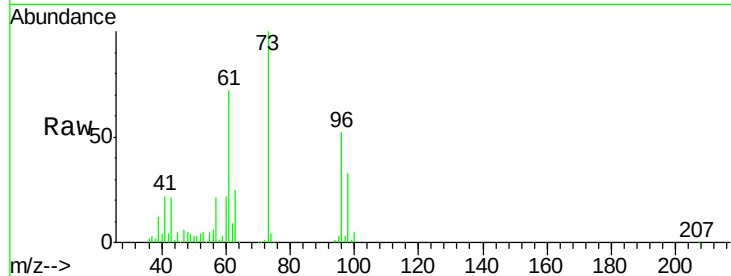
#19
Methyl tert-butyl Ether
Concen: 59.654 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 459155
Ion Ratio Lower Upper
73 100
57 20.7 18.3 27.5

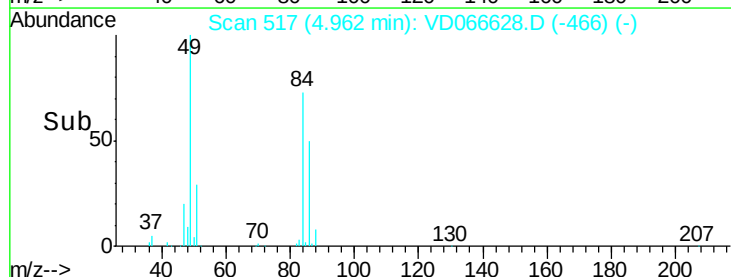
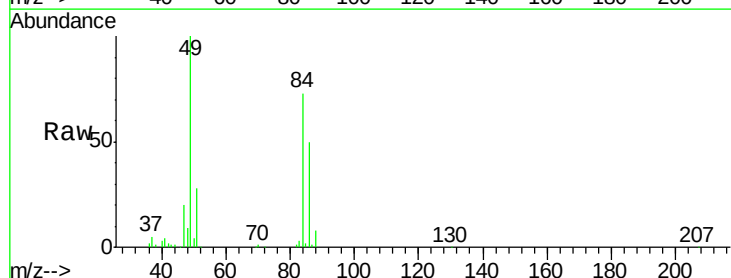
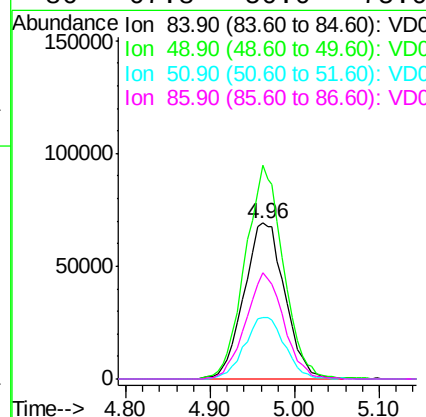
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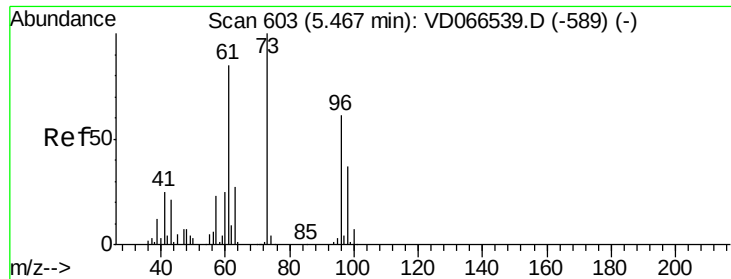
MMDadoda
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#20
Methylene Chloride
Concen: 59.923 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 84 Resp: 231646
Ion Ratio Lower Upper
84 100
49 136.8 104.3 156.5
51 39.0 32.2 48.4
86 67.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 54.558 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

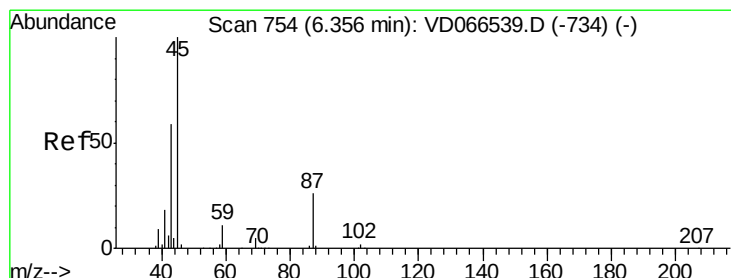
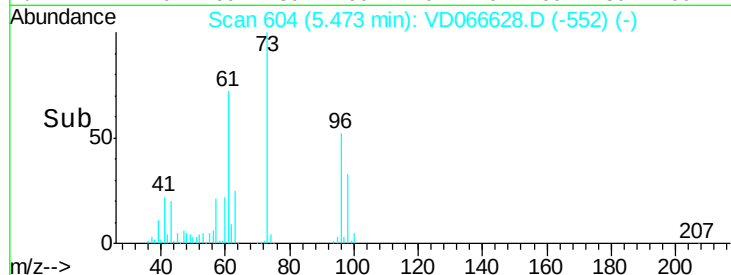
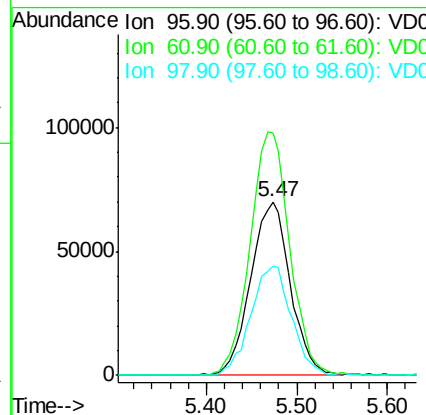
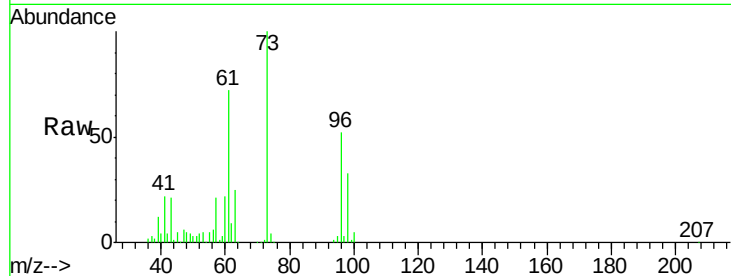
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	212645
Ion	Ratio	Lower	Upper
96	100		
61	139.9	112.1	168.1
98	63.1	48.6	72.8

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#22

Diisopropyl ether

Concen: 58.692 ug/l

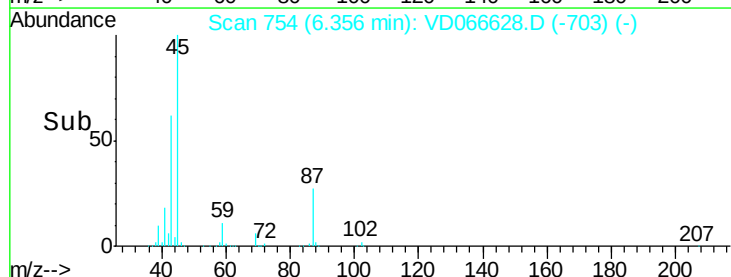
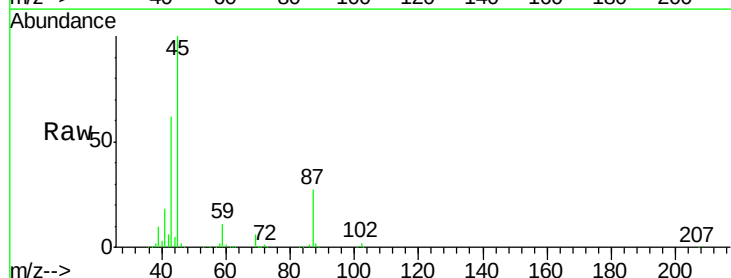
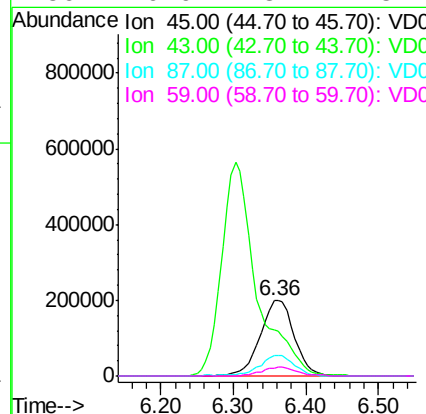
RT: 6.36 min Scan# 754

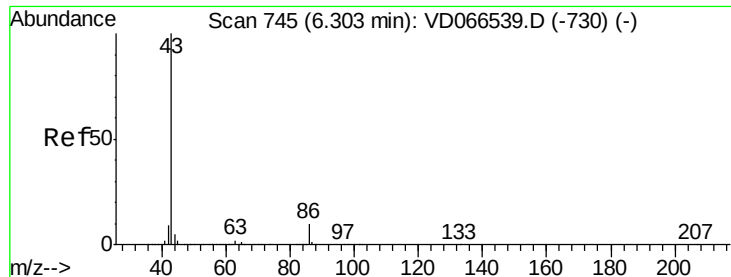
Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion:	45	Resp:	649242
Ion	Ratio	Lower	Upper
45	100		
43	60.8	47.0	70.4
87	26.7	21.3	31.9
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 302.296 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1902934

Ion Ratio Lower Upper

43 100

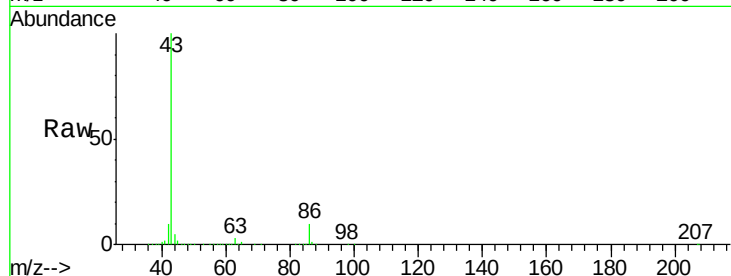
86 10.5 7.7 11.5

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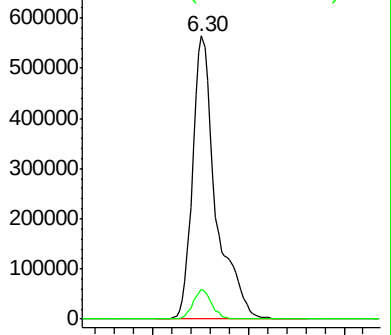
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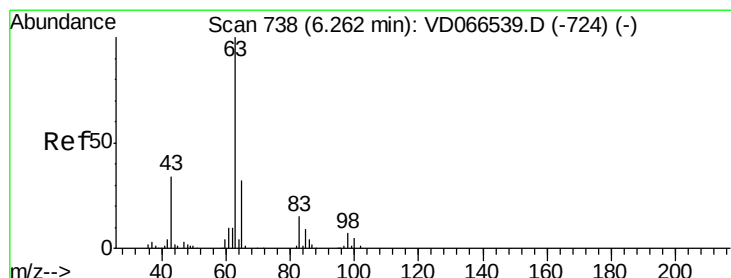
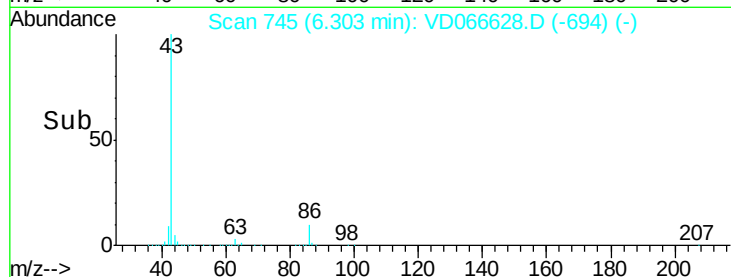


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 55.402 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

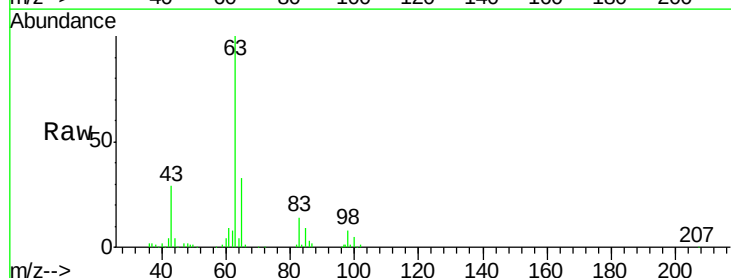
Tgt Ion: 63 Resp: 385392

Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.1

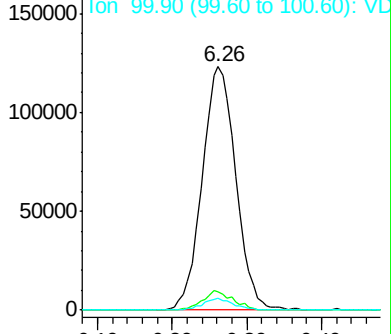
100 4.8 2.5 7.4



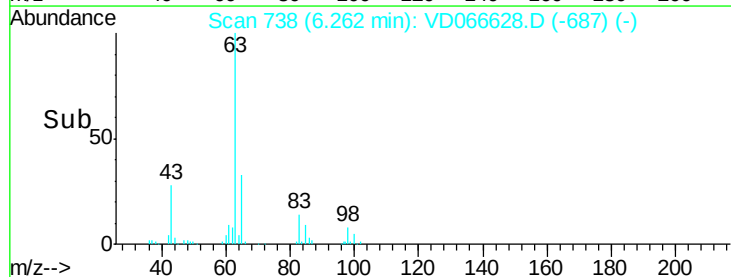
Abundance Ion 62.90 (62.60 to 63.60): VDC

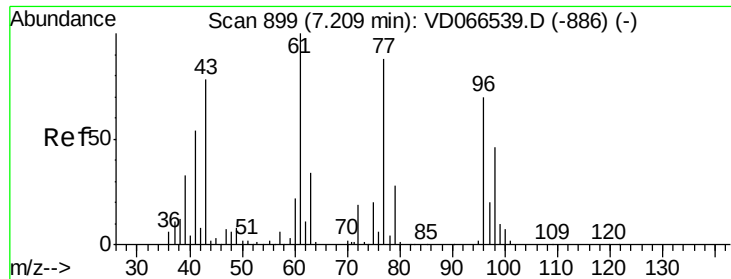
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->





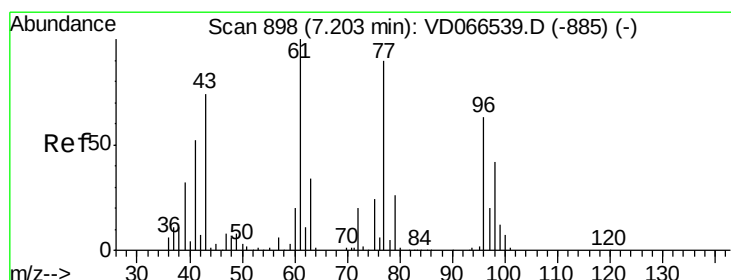
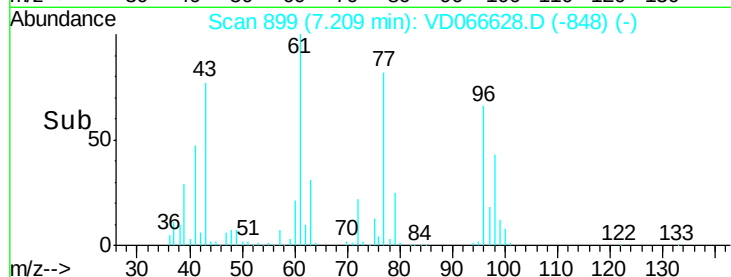
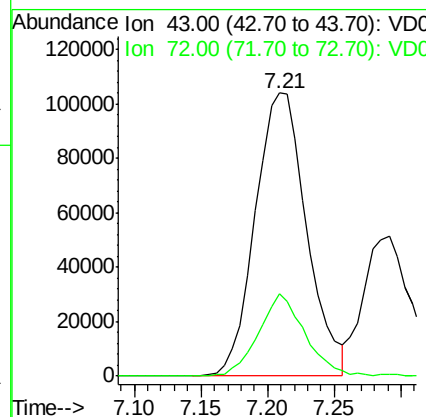
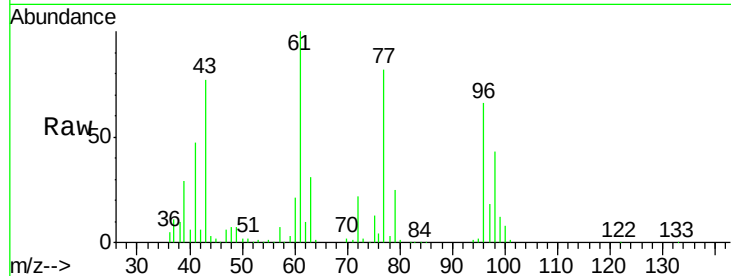
#25
2-Butanone
Concen: 285.686 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 278131
Ion Ratio Lower Upper
43 100
72 28.9 19.8 29.6

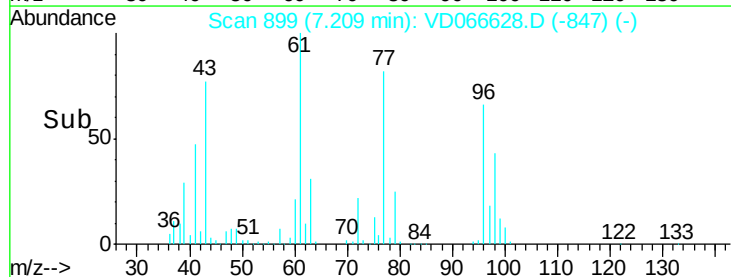
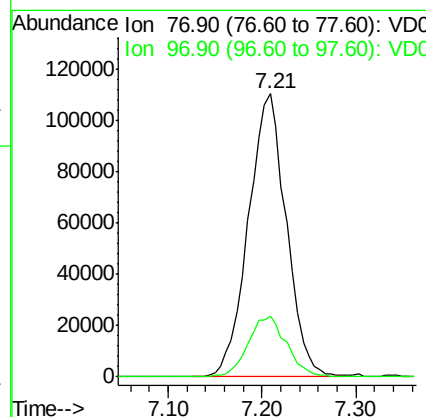
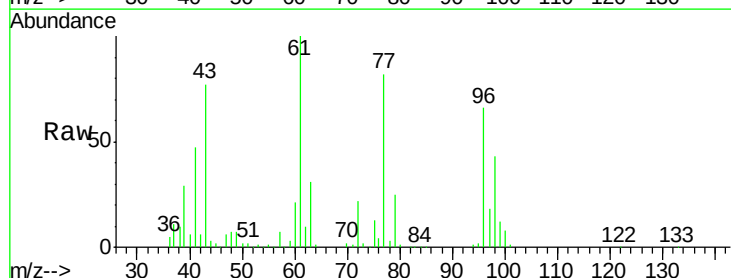
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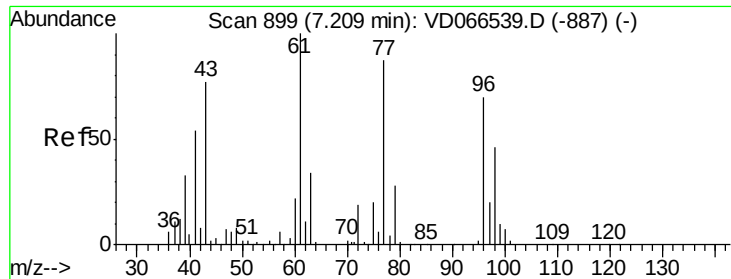
MMDadoda
9/11/2020 10:18:00 AM



#26
2,2-Dichloropropane
Concen: 48.343 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 77 Resp: 308470
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





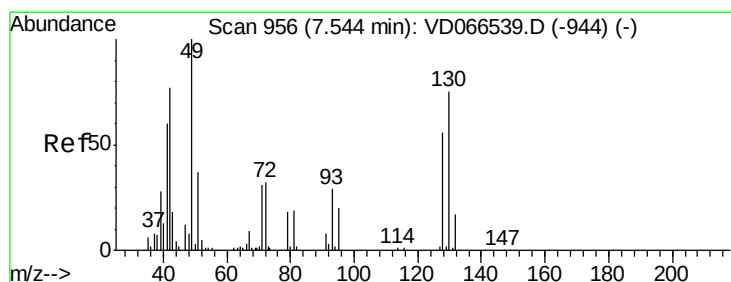
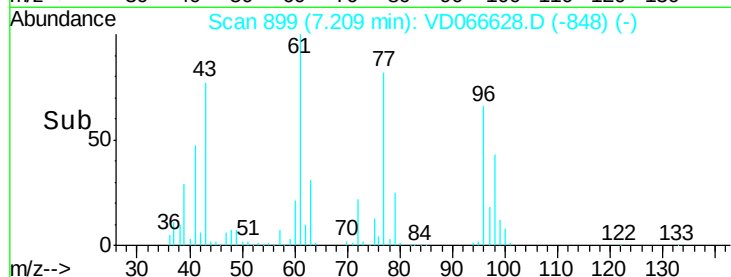
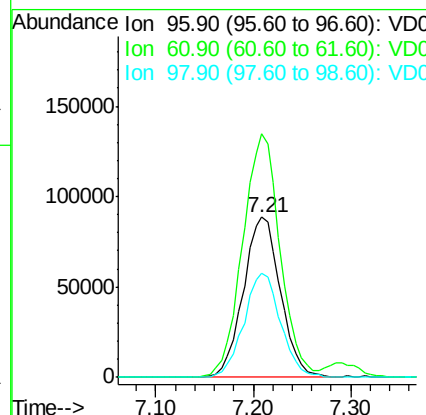
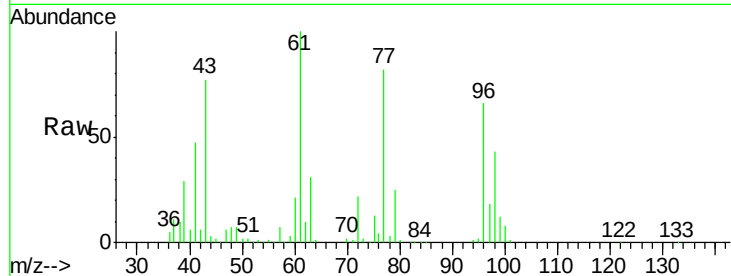
#27
 cis-1,2-Dichloroethene
 Concen: 56.347 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	236173		
61	152.9	0.0	301.0	
98	64.1	0.0	129.8	

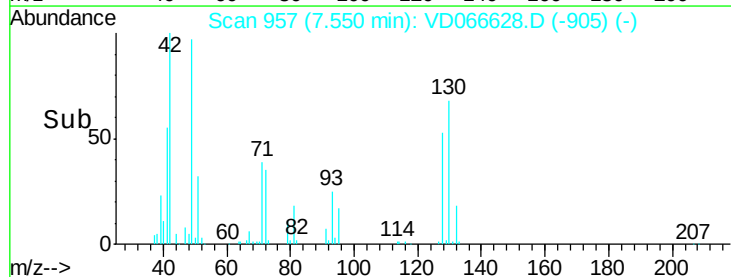
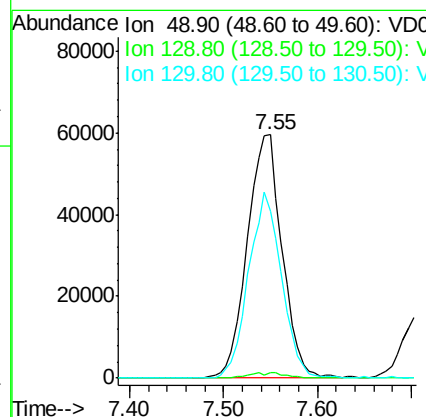
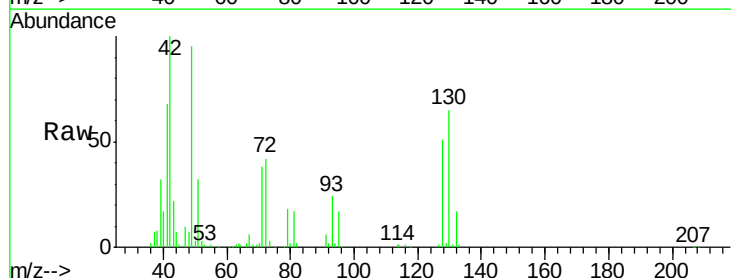
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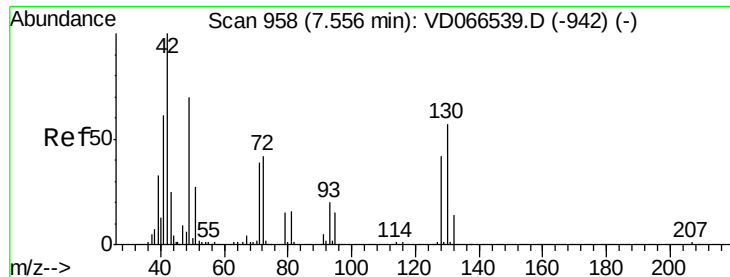
MMDadoda
 9/11/2020 10:18:00 AM



#28
 Bromochloromethane
 Concen: 56.946 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	152508		
129	1.2	0.0	2.6	
130	72.5	58.2	87.2	





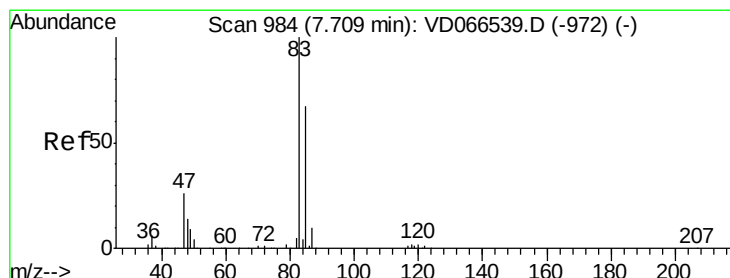
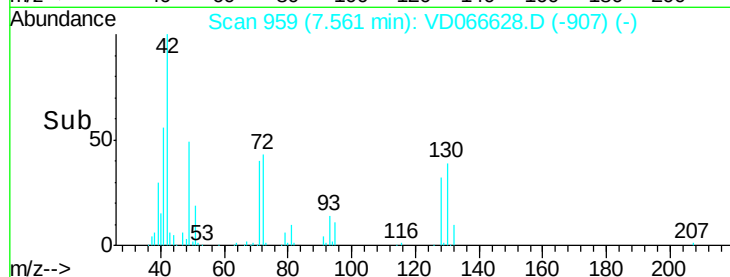
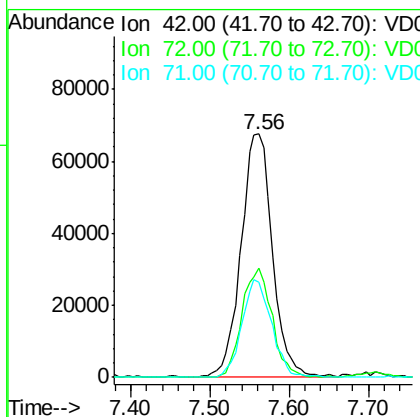
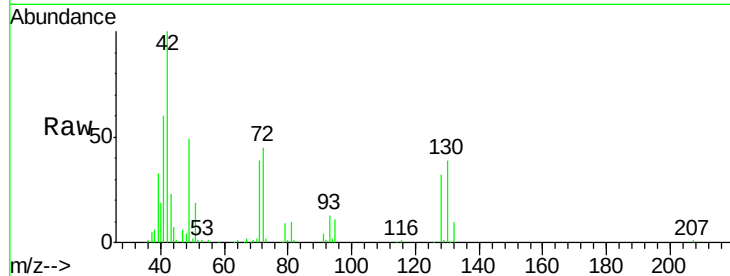
#29
Tetrahydrofuran
Concen: 309.224 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	33.4	50.0
71	37.6	31.9	47.9

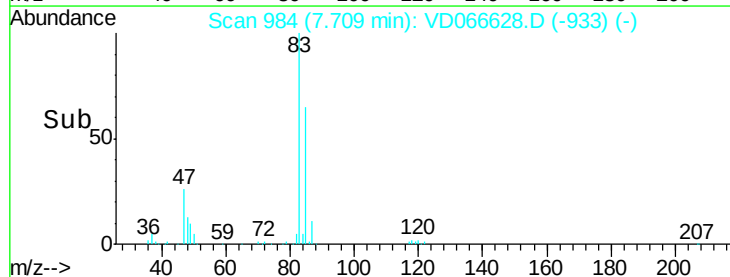
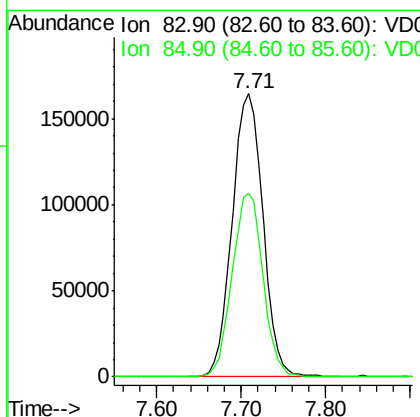
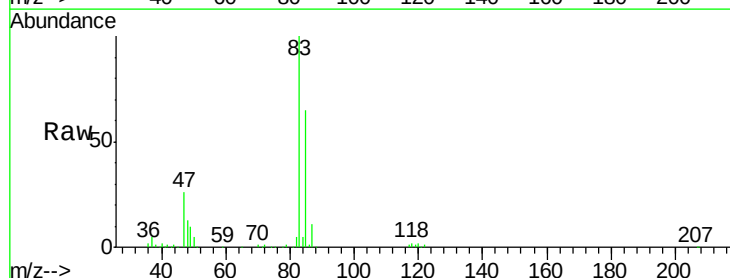
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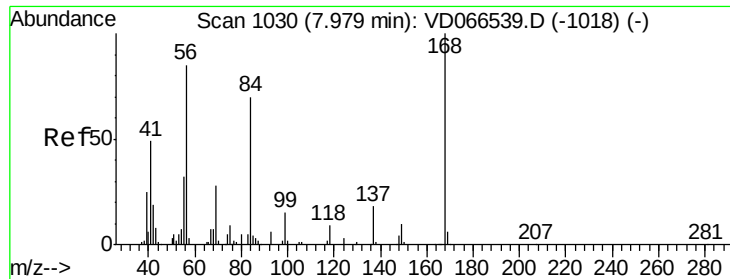
MMDadoda
9/11/2020 10:18:00 AM



#30
Chloroform
Concen: 56.290 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.6	80.4





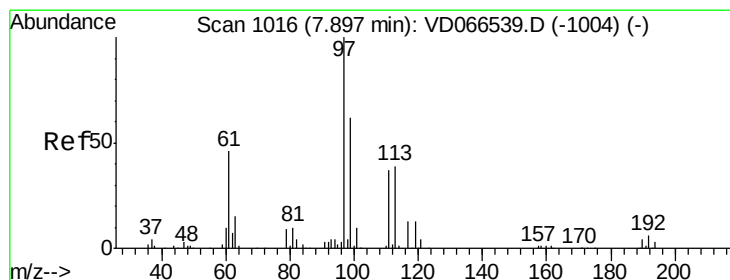
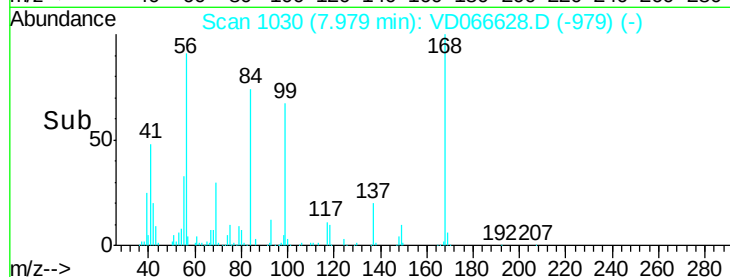
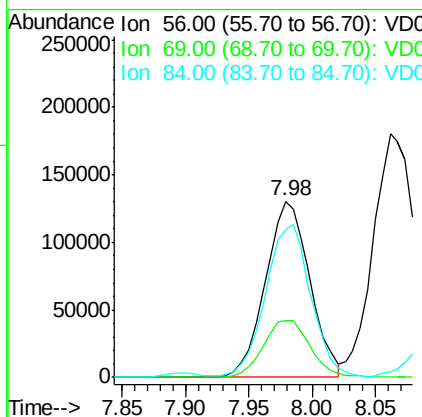
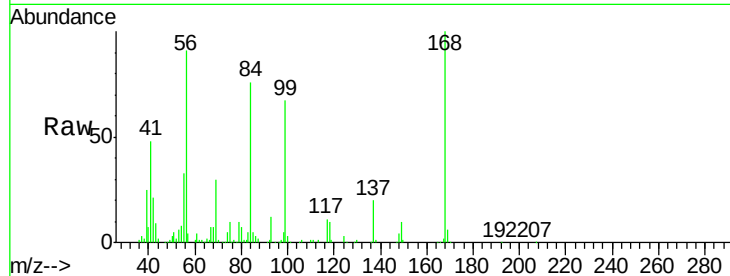
#31
Cyclohexane
Concen: 49.341 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	26.3	39.5
84	81.1	66.1	99.1

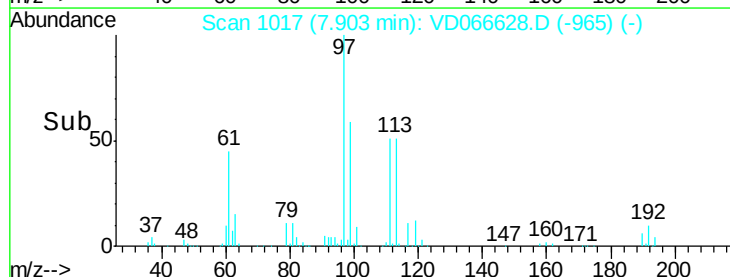
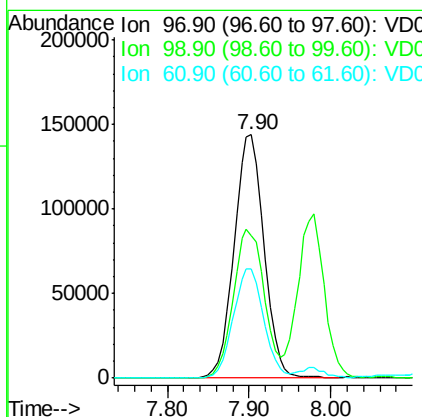
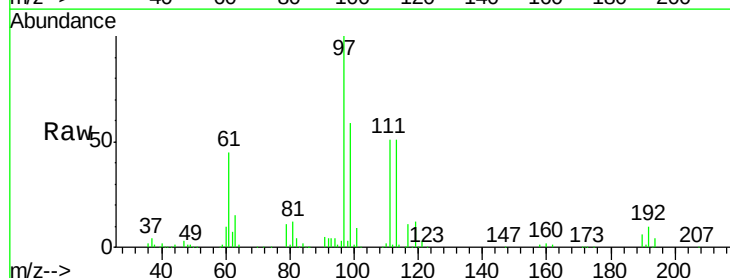
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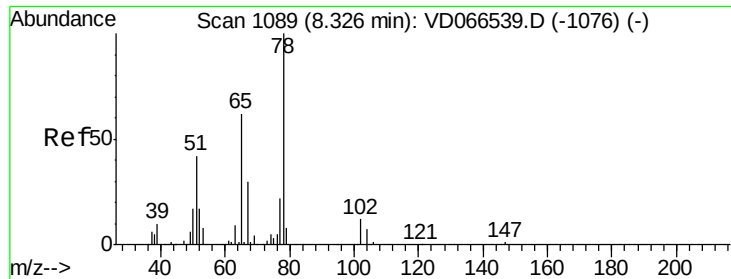
MMDadoda
9/11/2020 10:18:00 AM



#32
1,1,1-Trichloroethane
Concen: 53.051 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.0
61	45.7	37.4	56.0





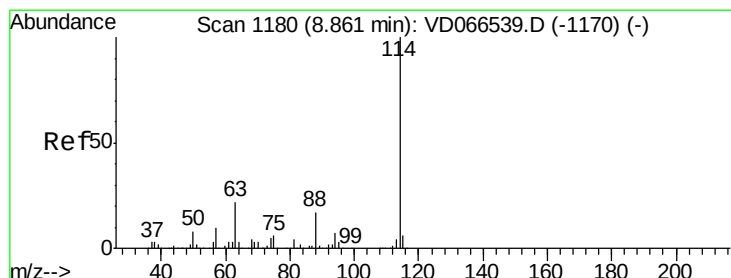
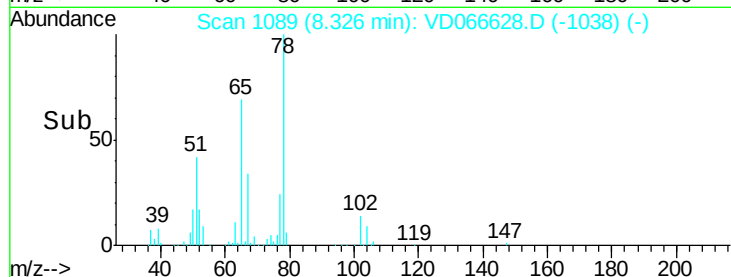
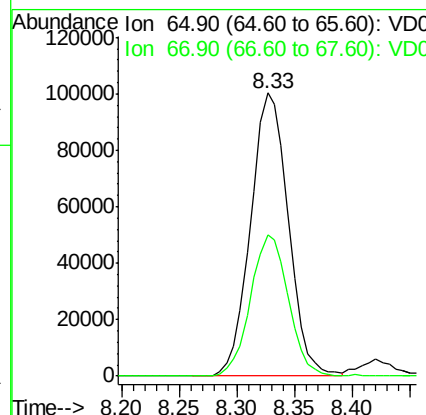
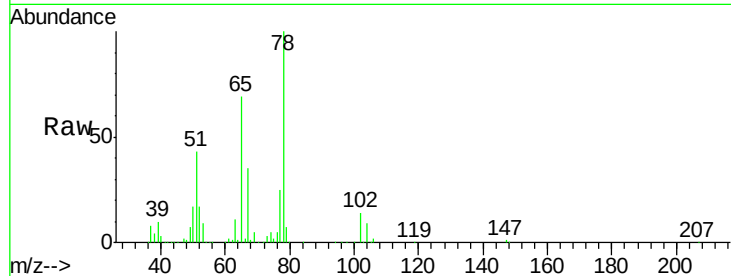
#33
 1,2-Dichloroethane-d4
 Concen: 58.075 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	228909		
67	50.0	0.0	102.8	

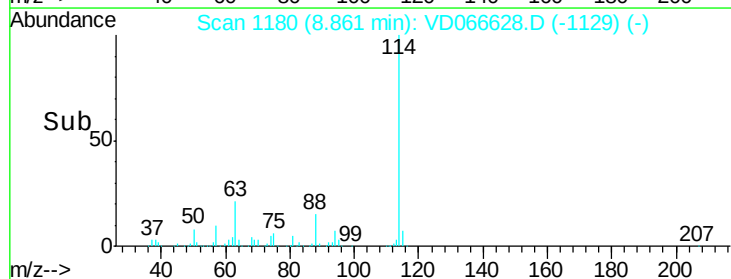
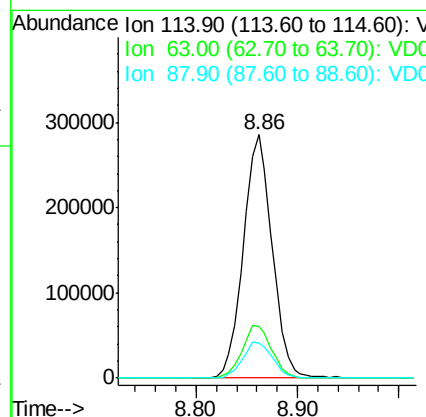
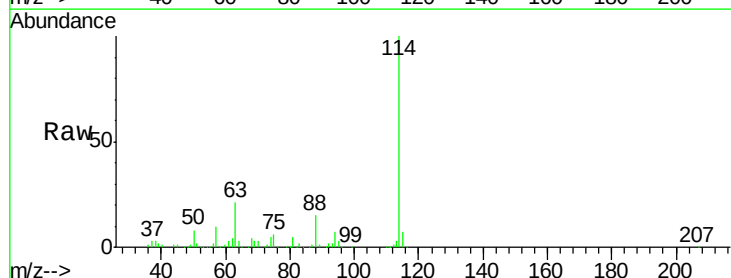
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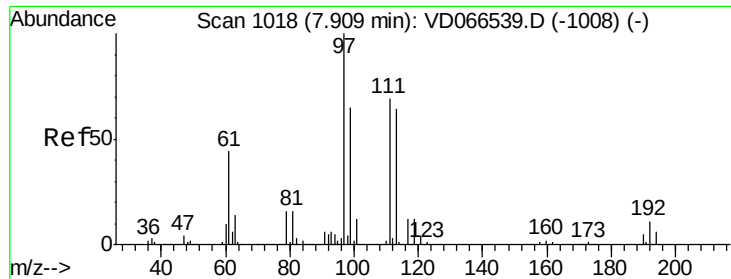
MMDadoda
 9/11/2020 10:18:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	561569		
63	21.1	0.0	43.2	
88	14.6	0.0	33.2	





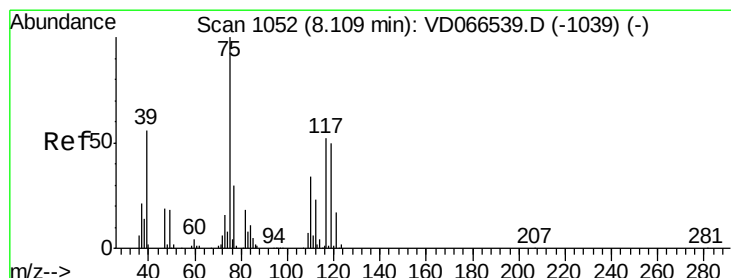
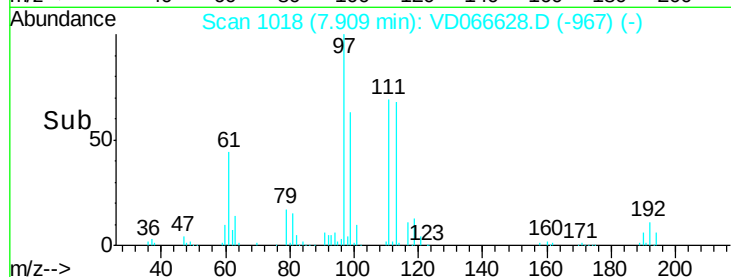
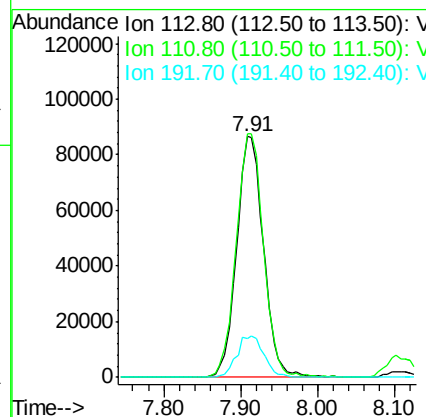
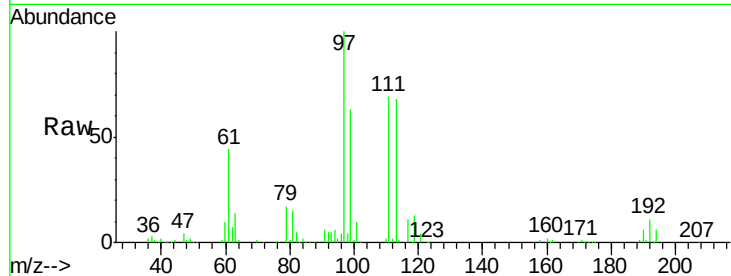
#35
Dibromofluoromethane
Concen: 55.822 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	211477		
111	102.7	83.2	124.8	
192	17.5	13.7	20.5	

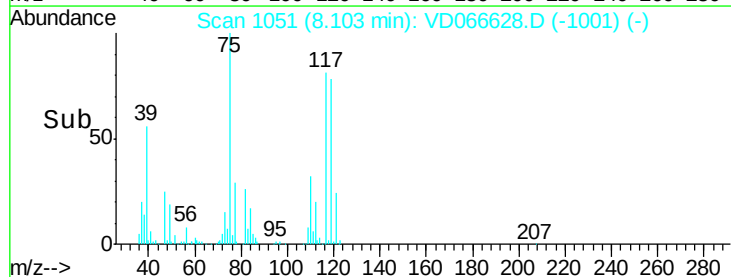
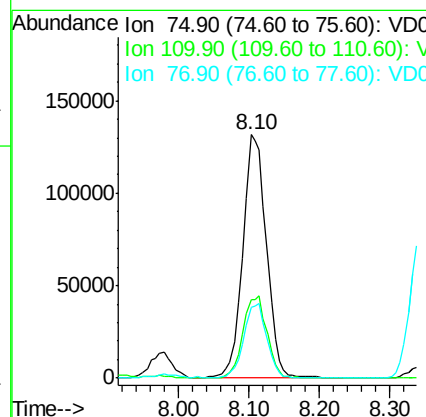
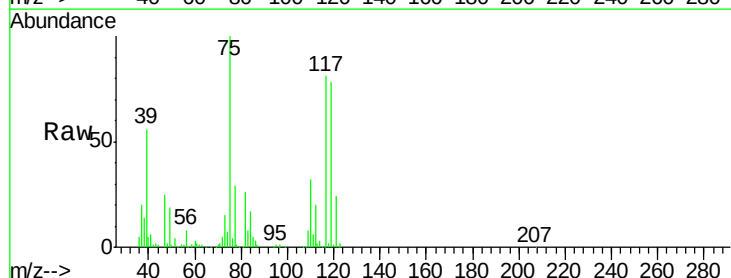
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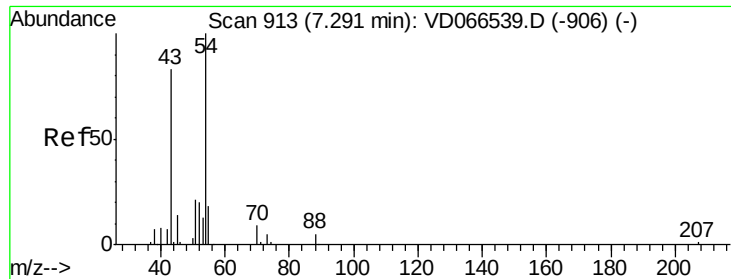
MMDadoda
9/11/2020 10:18:00 AM



#36
1,1-Dichloropropene
Concen: 52.439 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	306466		
110	34.1	17.3	52.0	
77	29.9	25.1	37.7	





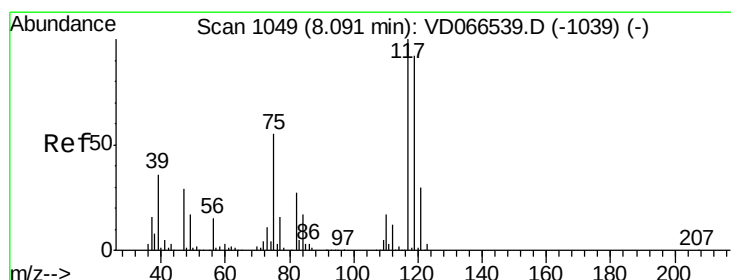
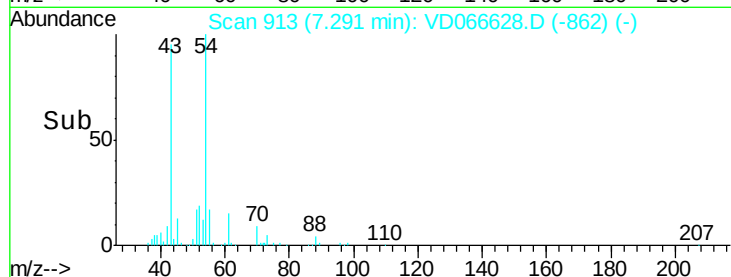
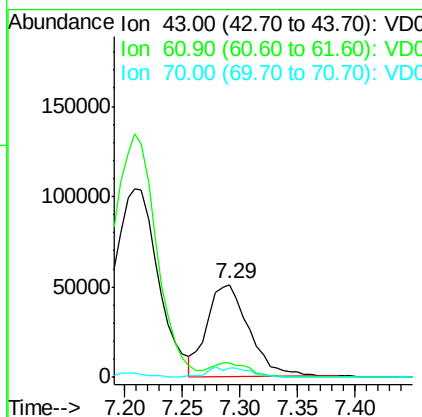
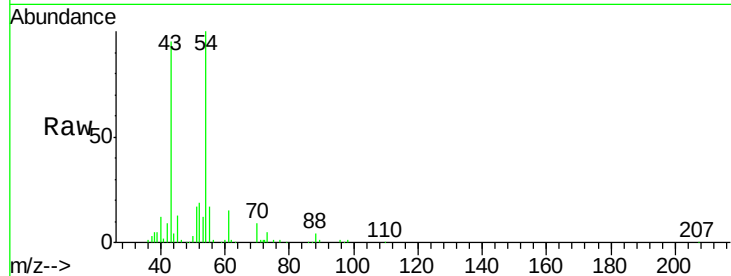
#37
Ethyl Acetate
Concen: 55.508 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.8	17.8
70	10.3	7.9	11.9

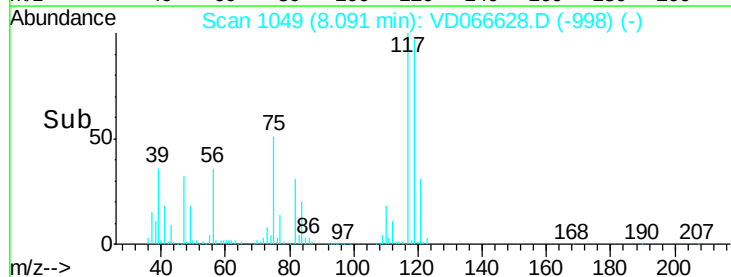
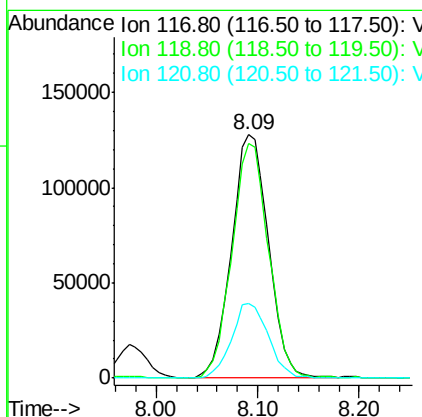
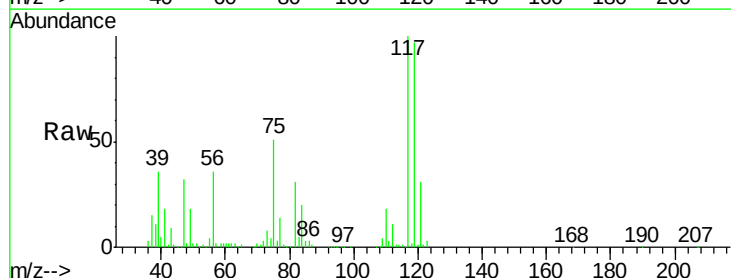
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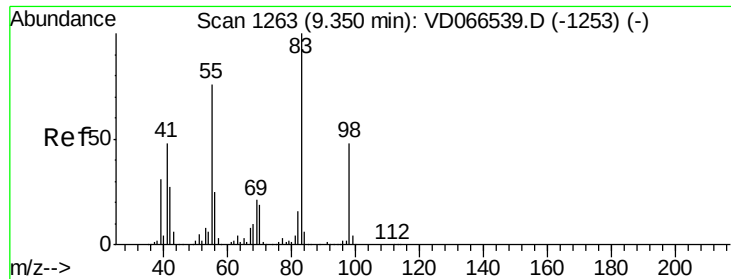
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#38
Carbon Tetrachloride
Concen: 51.928 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	73.9	110.9
121	30.7	24.1	36.1





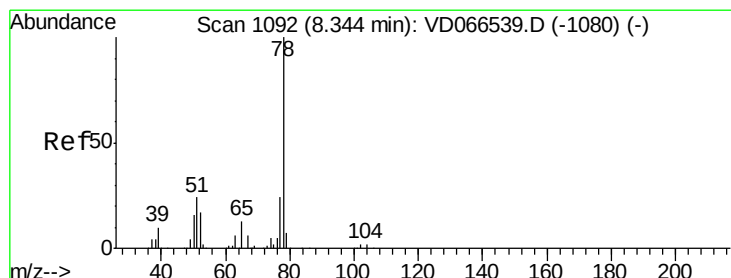
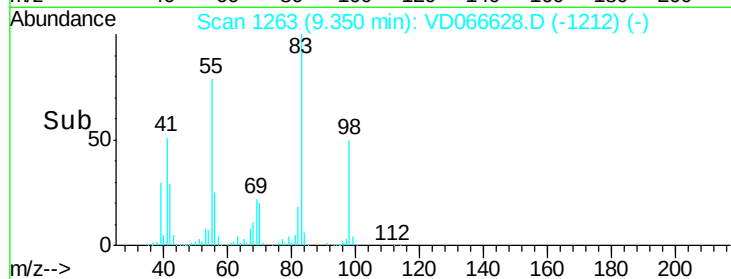
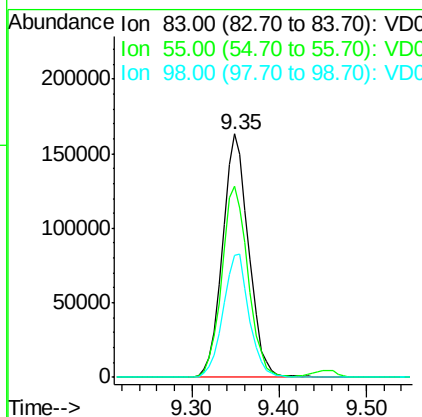
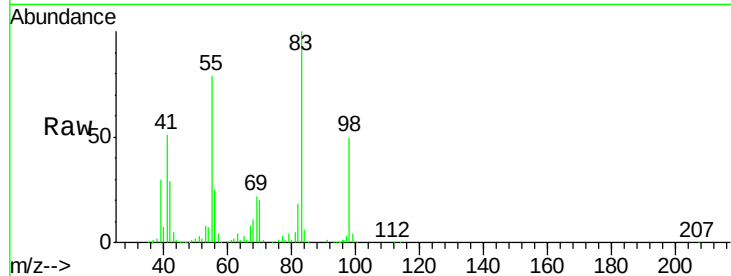
#39
Methylvlcyclohexane
Concen: 51.217 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.6		60.8	91.2
98	50.0		38.6	58.0

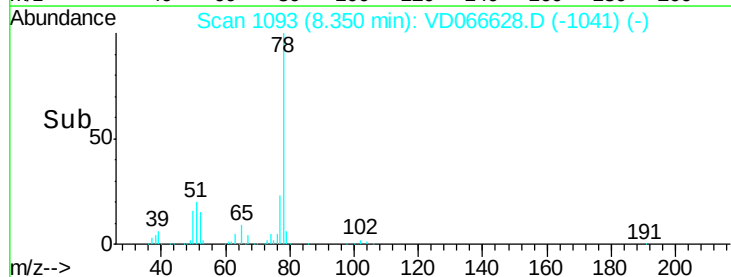
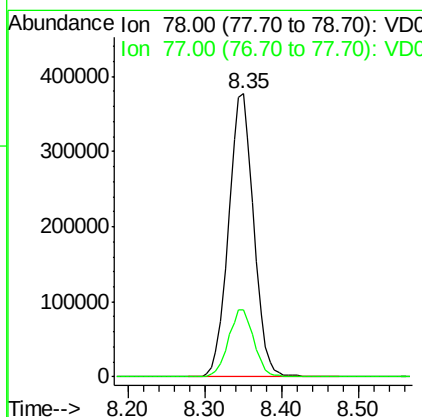
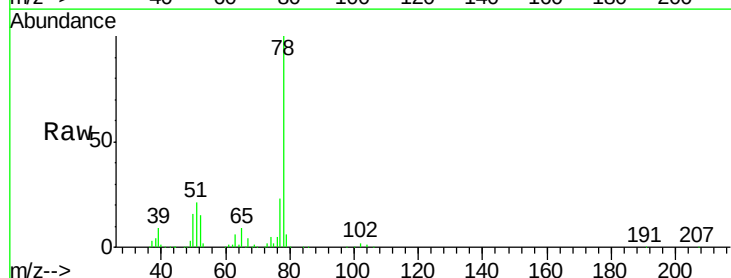
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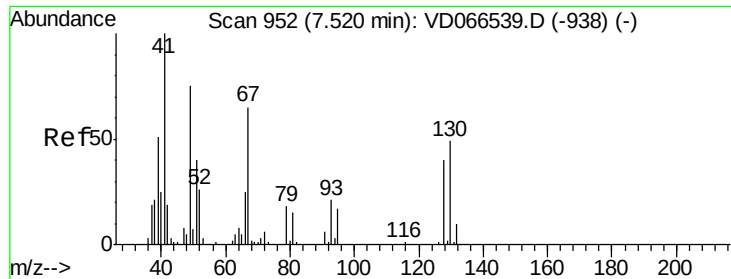
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#40
Benzene
Concen: 53.673 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5		19.1	28.7





#41

Methacrylonitrile

Concen: 55.247 ug/l m

RT: 7.52 min Scan# 952

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 62235

Ion Ratio Lower Upper

41 100

39 0.0 53.6 80.4#

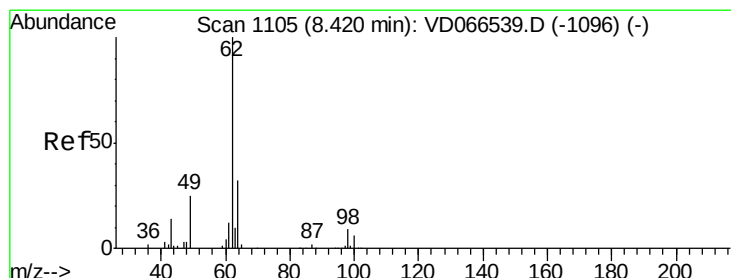
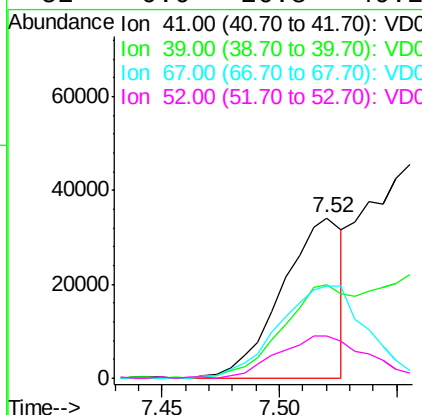
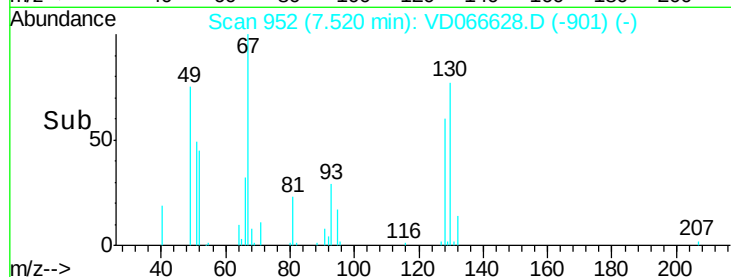
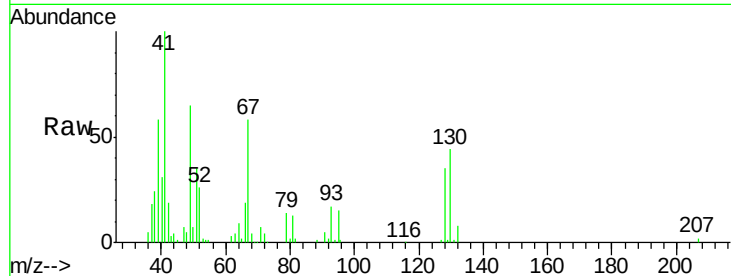
67 0.0 59.2 88.8#

52 0.0 26.8 40.2#

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#42

1,2-Dichloroethane

Concen: 52.779 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066628.D

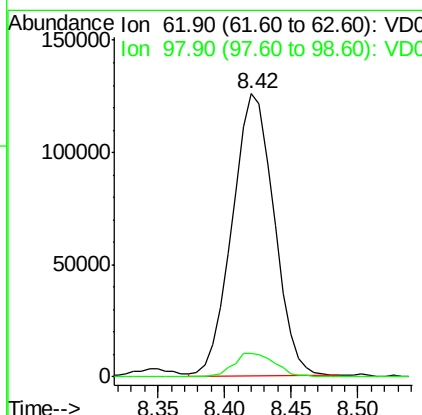
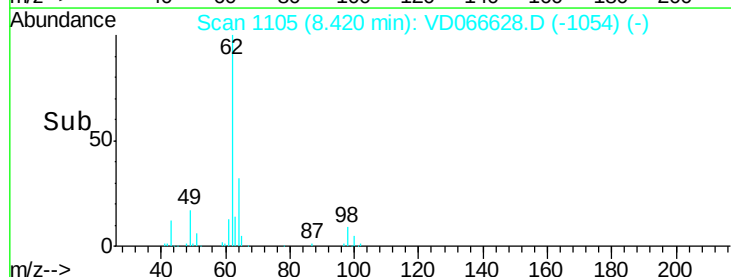
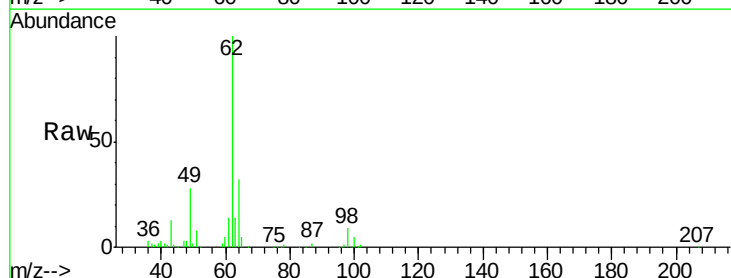
Acq: 10 Sep 2020 22:33

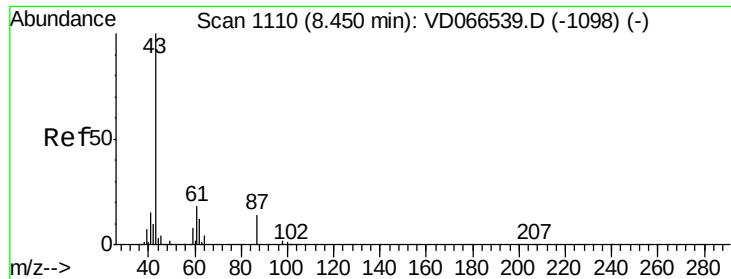
Tgt Ion: 62 Resp: 273714

Ion Ratio Lower Upper

62 100

98 8.5 0.0 17.6





#43

Isopropyl Acetate

Concen: 56.462 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

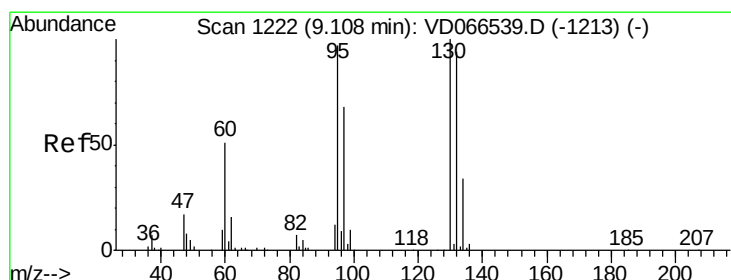
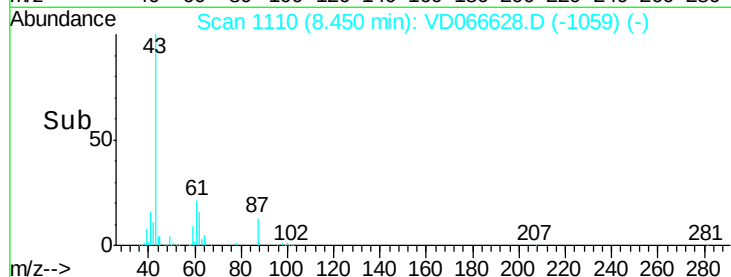
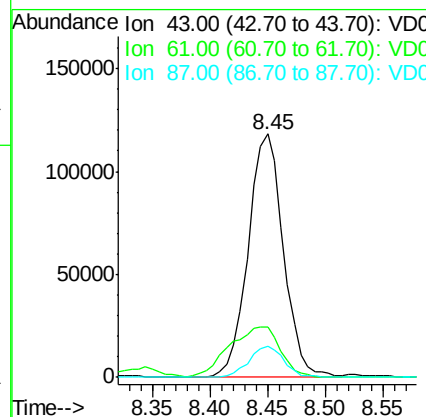
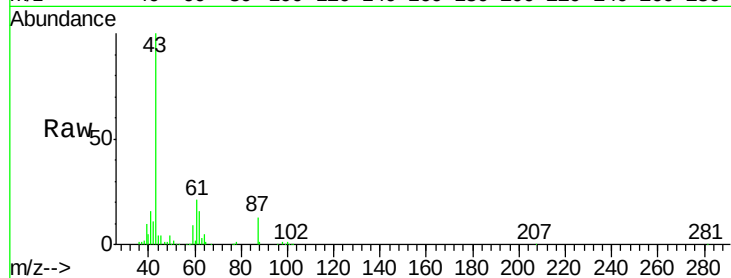
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	251805
Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.8	35.8
87	12.6	10.7	16.1

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9/11/2020 10:18:00 AM



#44

Trichloroethene

Concen: 52.778 ug/l

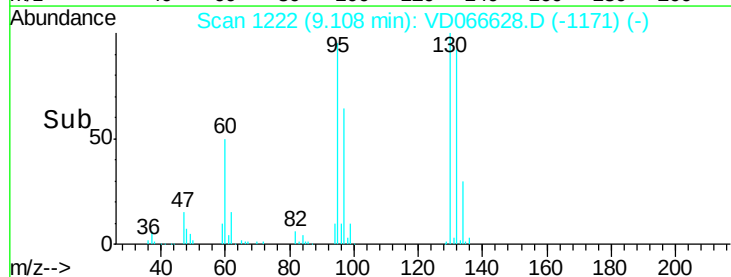
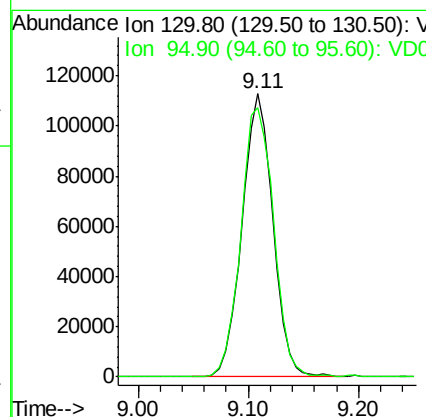
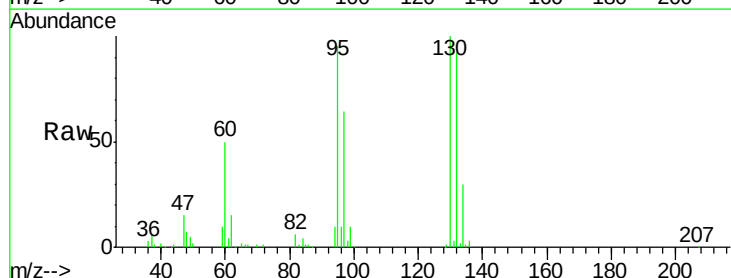
RT: 9.11 min Scan# 1222

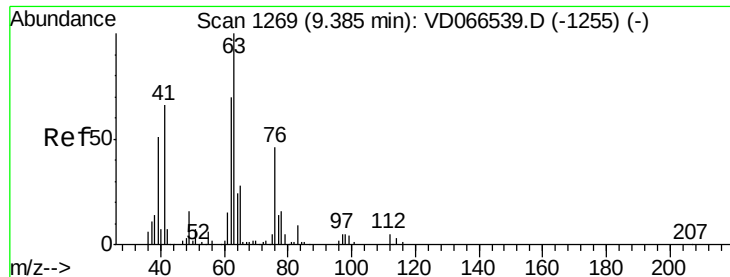
Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion:	130	Resp:	221589
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	194.4





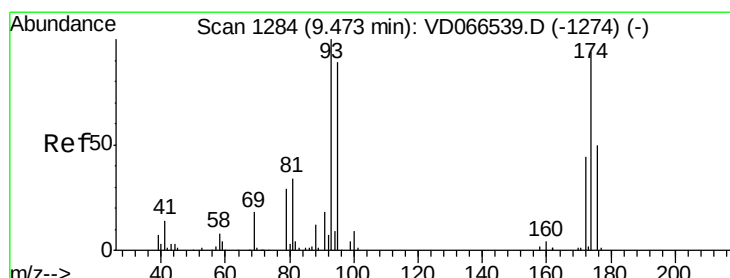
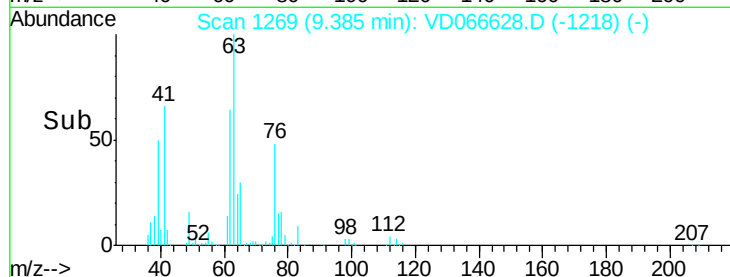
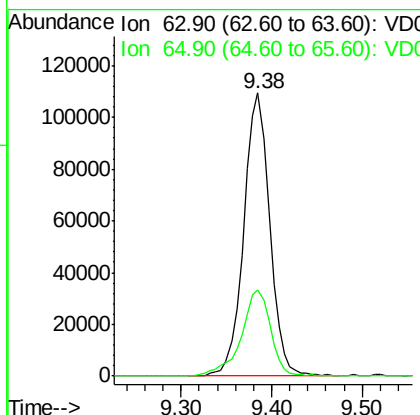
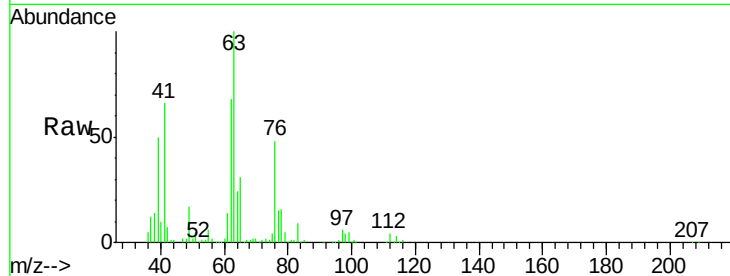
#45
 1,2-Dichloropropane
 Concen: 54.203 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	218178		
65	30.5		22.6	34.0

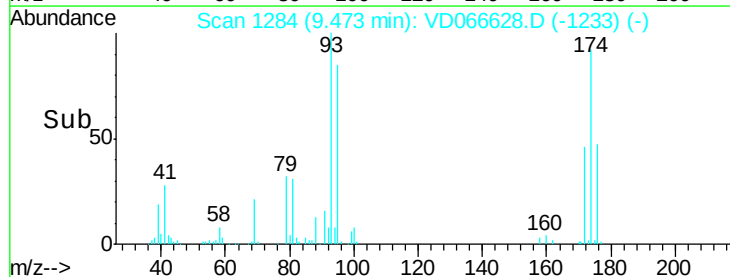
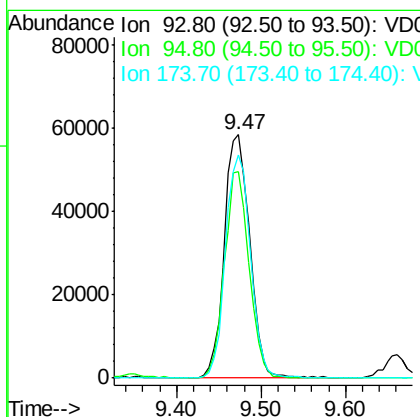
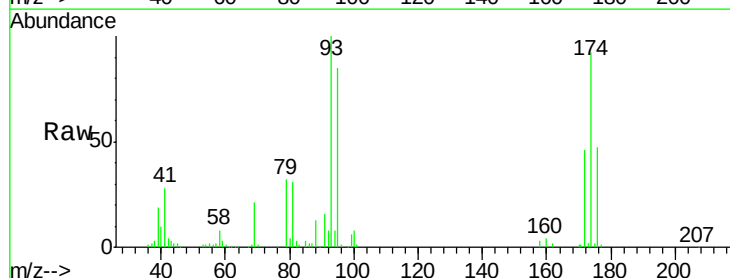
Manual Integrations
 APPROVED

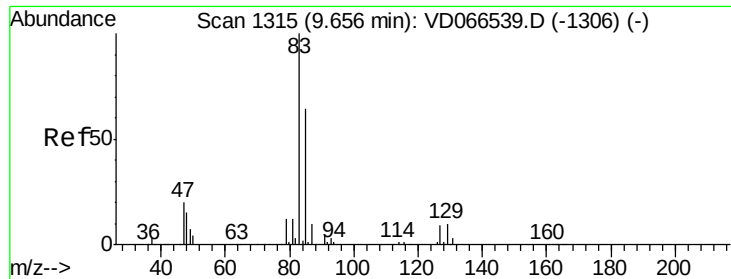
MMDadoda
 9/11/2020 10:18:00 AM



#46
 Dibromomethane
 Concen: 54.656 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	121378		
95	82.2		68.7	103.1
174	89.9		70.0	105.0





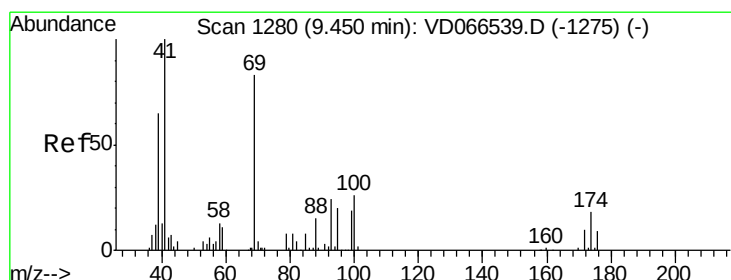
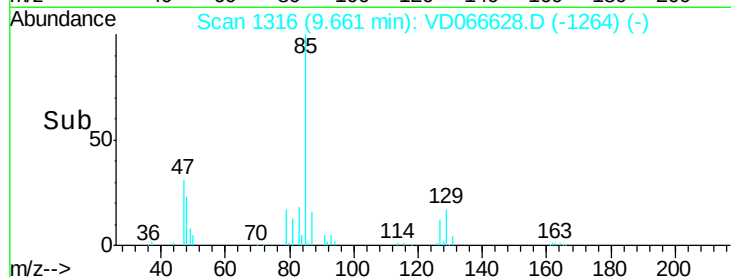
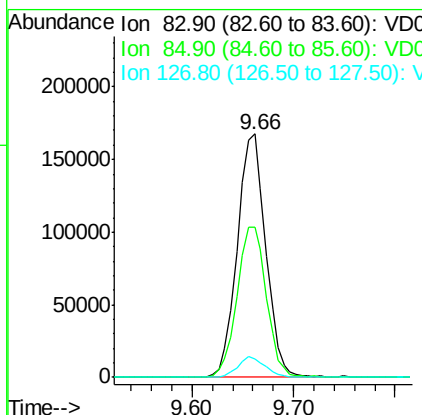
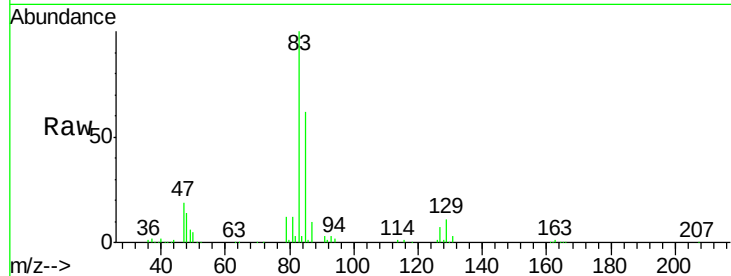
#47
Bromodichloromethane
Concen: 54.430 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	327034		
85	61.6		51.1	76.7
127	7.3		6.9	10.3

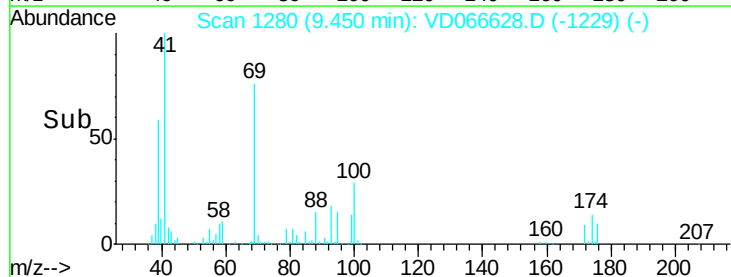
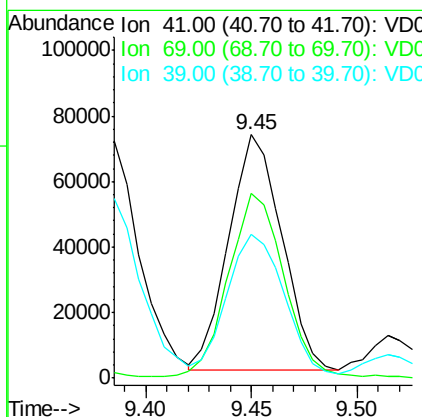
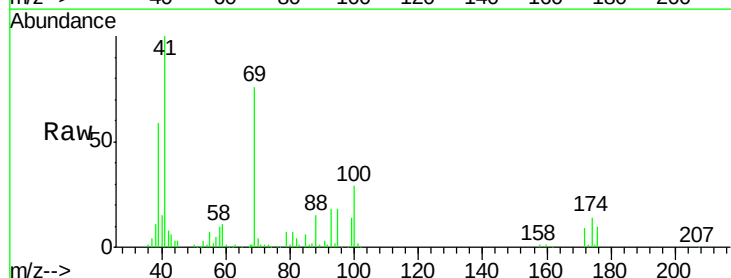
Manual Integrations
APPROVED

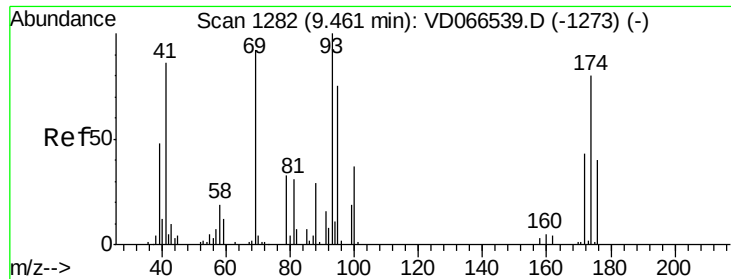
MMDadoda
9/11/2020 10:18:00 AM



#48
Methyl methacrylate
Concen: 55.610 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	125405		
69	83.3		64.5	96.7
39	63.0		46.6	69.8





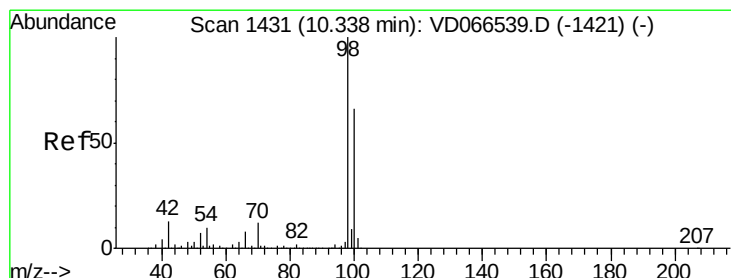
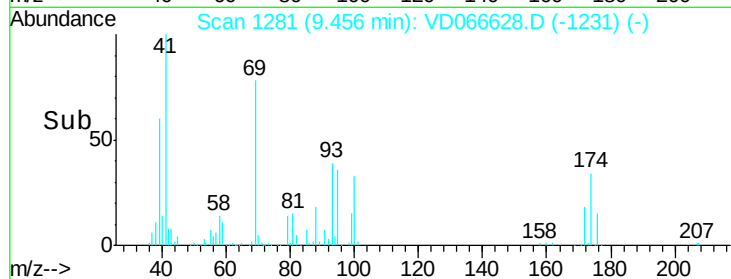
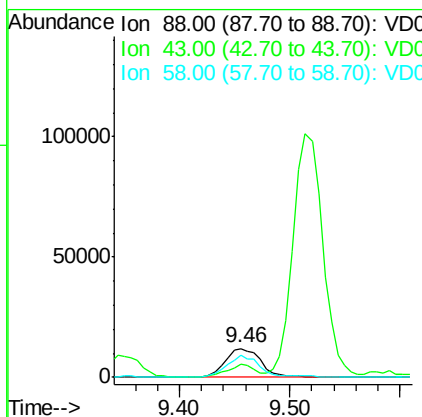
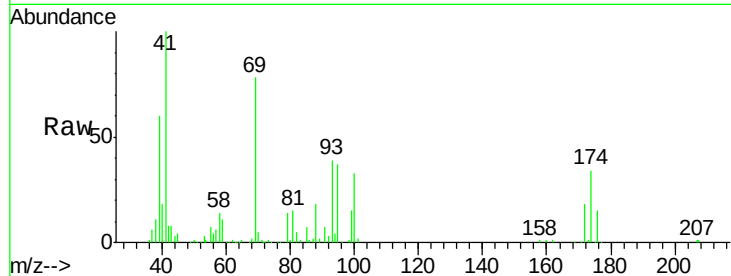
#49
1,4-Dioxane
Concen: 1132.597 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	27594
Ion	Ratio	Lower	Upper
88	100		
43	32.7	28.3	42.5
58	68.2	56.1	84.1

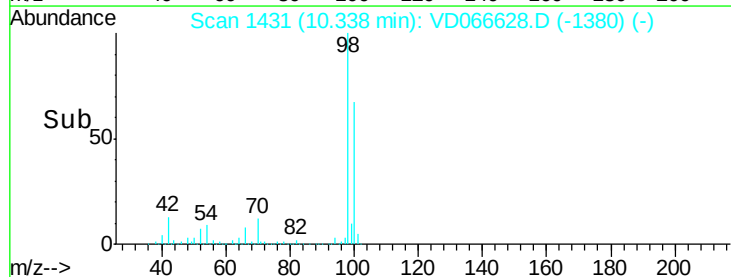
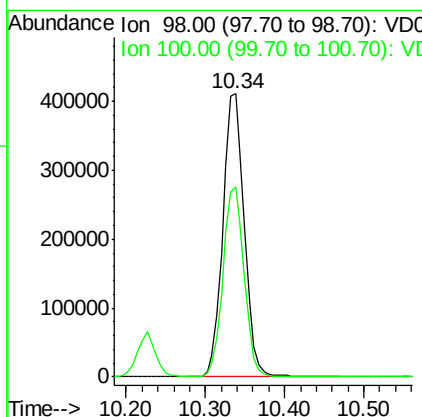
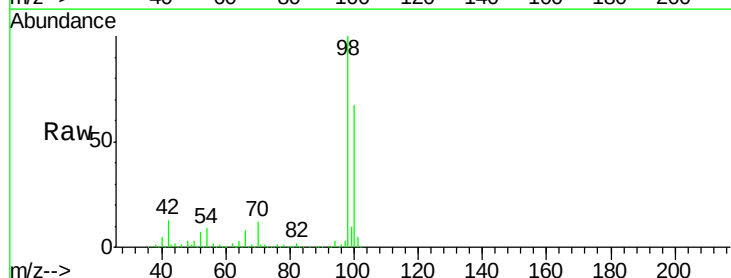
Manual Integrations
APPROVED

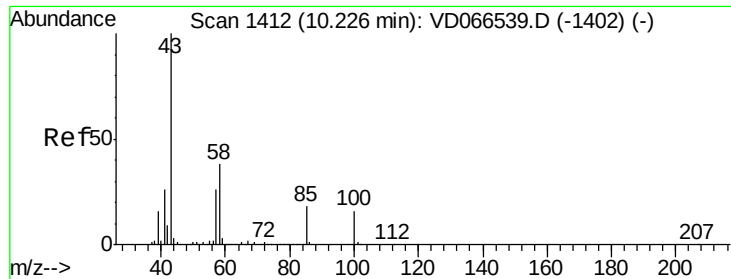
MMDadoda
9/11/2020 10:18:00 AM



#50
Toluene-d8
Concen: 56.475 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	98	Resp	764685
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





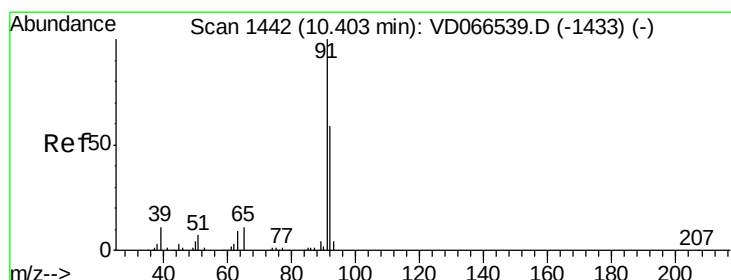
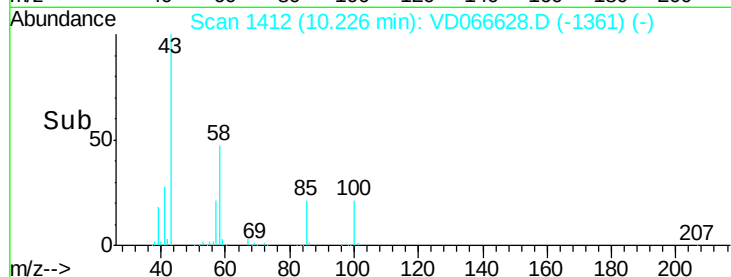
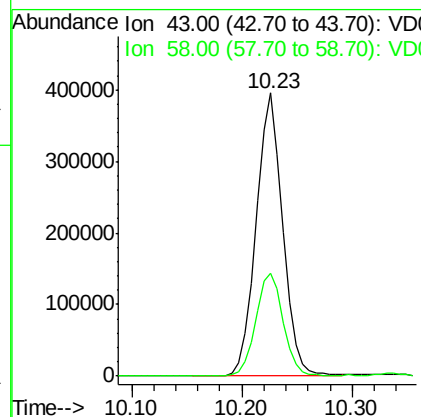
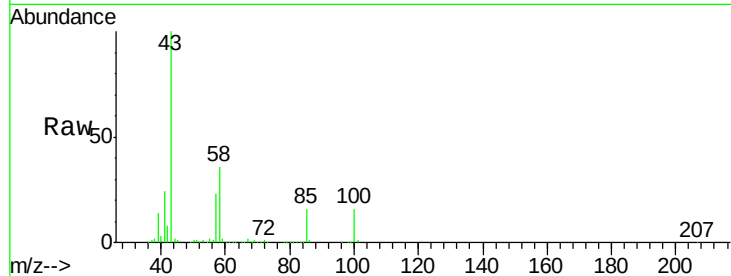
#51
 4-Methyl-2-Pentanone
 Concen: 298.029 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	670317
Ion Ratio	100	Lower	Upper
58	37.6	30.5	45.7

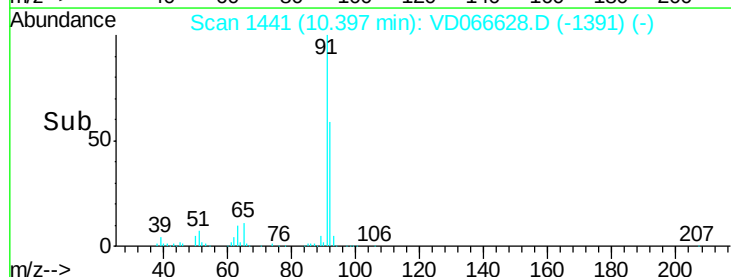
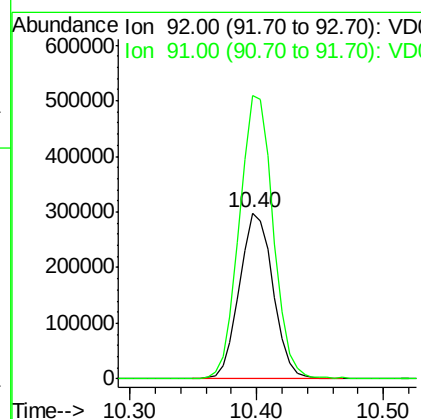
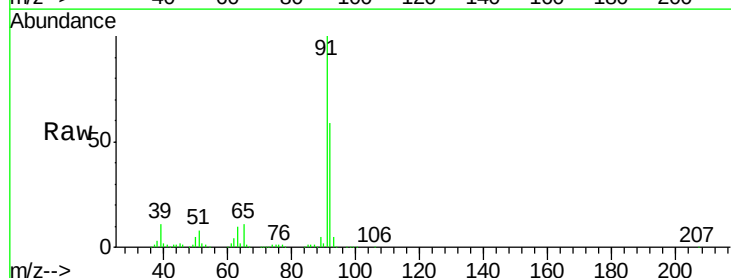
Manual Integrations
 APPROVED

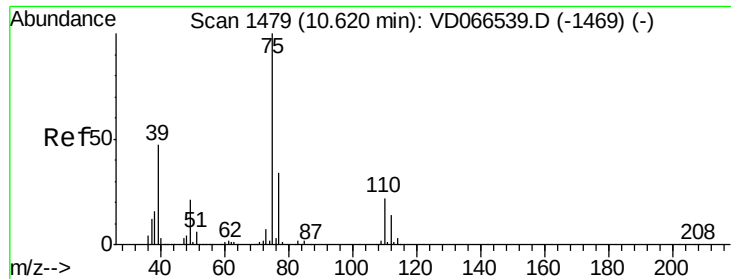
MMDadoda
 9/11/2020 10:18:00 AM



#52
 Toluene
 Concen: 54.245 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	92	Resp	549612
Ion Ratio	100	Lower	Upper
91	171.8	137.4	206.2





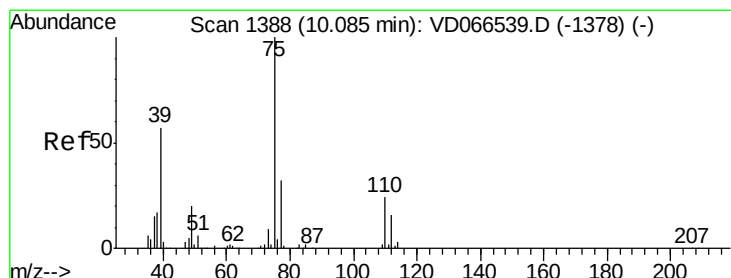
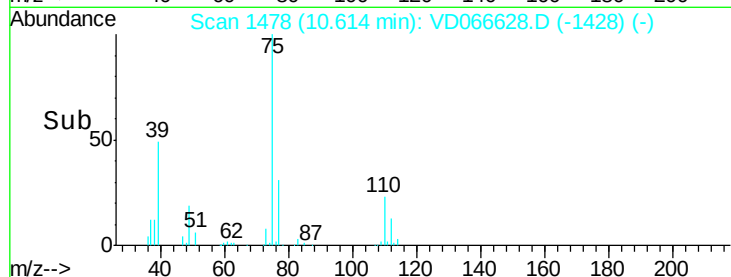
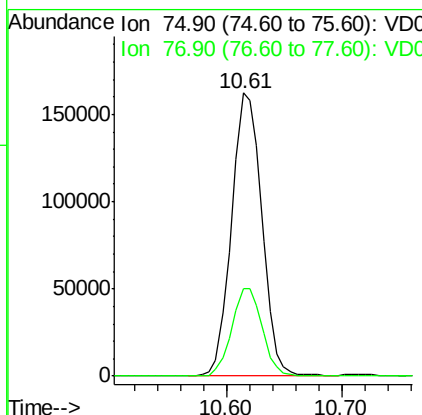
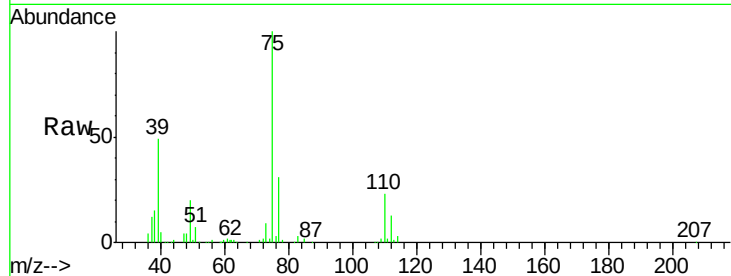
#53
t-1,3-Dichloropropene
Concen: 55.764 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	295771		
77	31.0		27.4	41.2

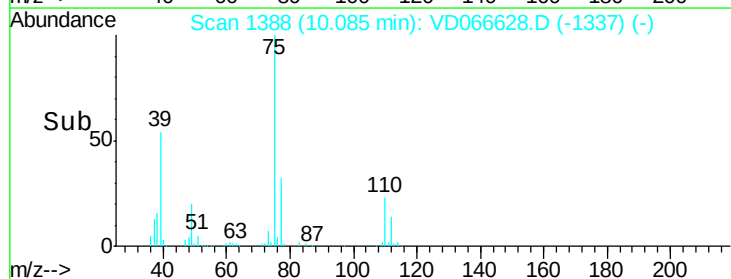
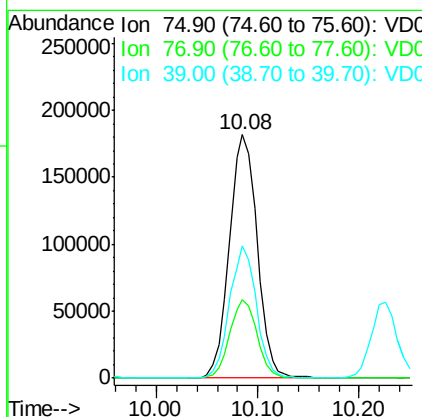
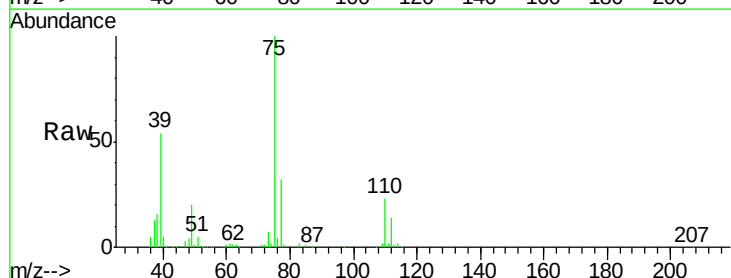
Manual Integrations
APPROVED

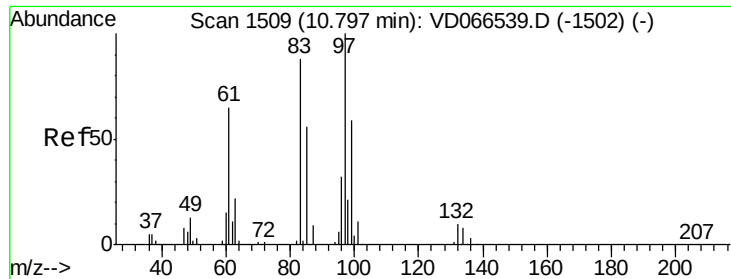
MMDadoda
9/11/2020 10:18:00 AM



#54
cis-1,3-Dichloropropene
Concen: 54.328 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	346042		
77	32.1		25.4	38.0
39	54.2		45.4	68.0





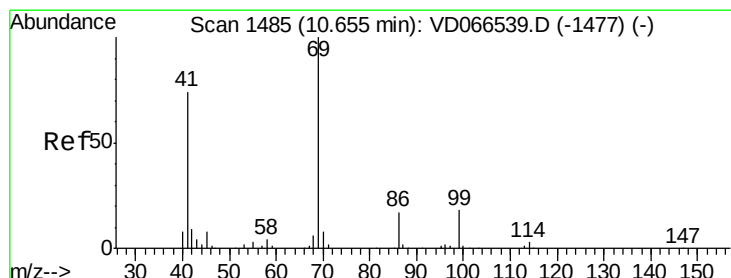
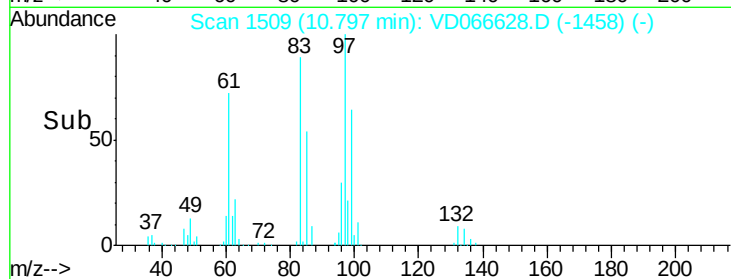
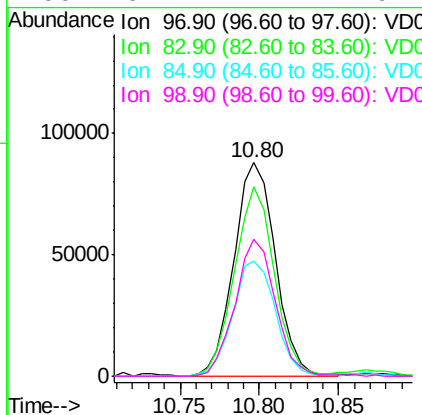
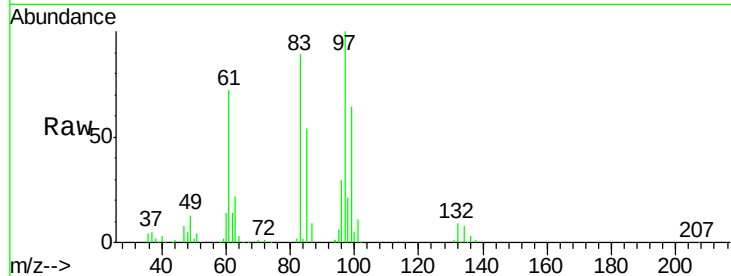
#55
 1,1,2-Trichloroethane
 Concen: 56.168 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	160380
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.1	105.1
85	53.9	44.5	66.7
99	64.1	47.1	70.7

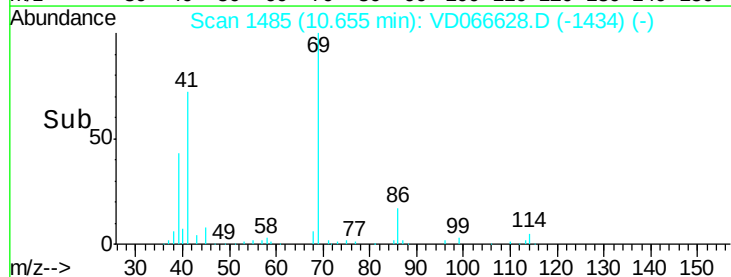
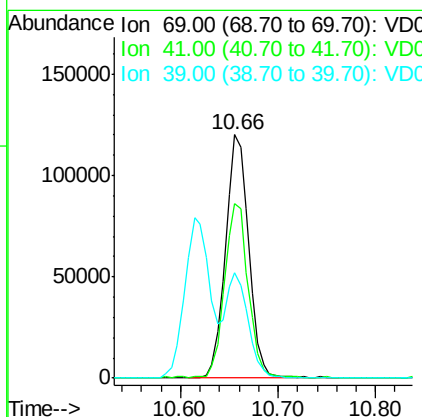
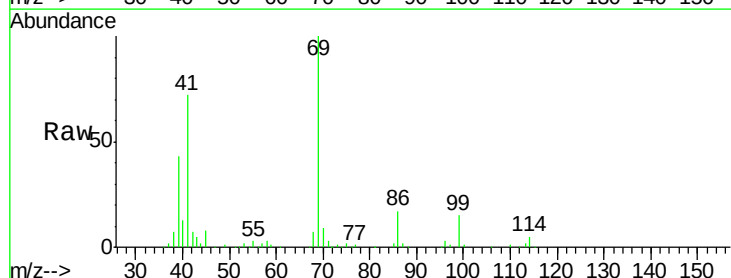
Manual Integrations
 APPROVED

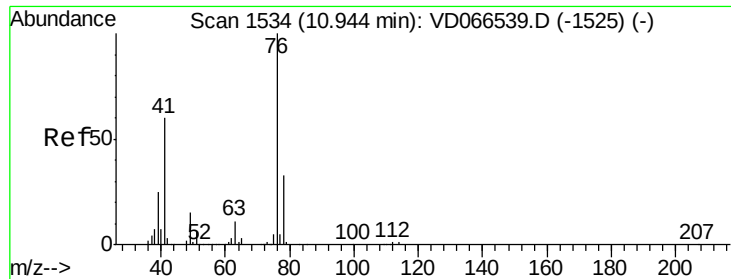
MMDadoda
 9/11/2020 10:18:00 AM



#56
 Ethyl methacrylate
 Concen: 59.783 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	69	Resp	198753
Ion	Ratio	Lower	Upper
69	100		
41	71.8	56.8	85.2
39	42.0	30.6	46.0





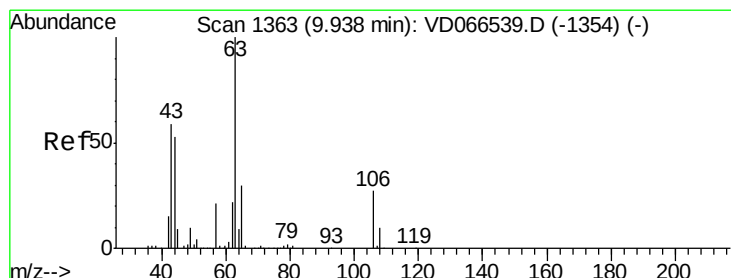
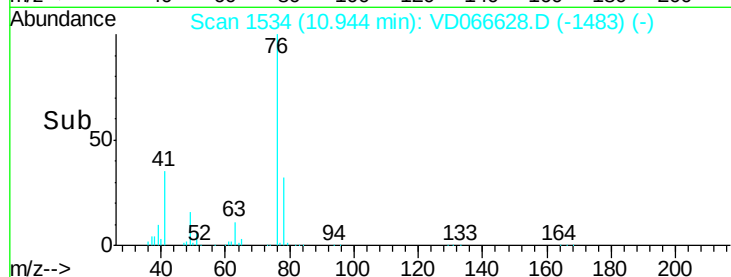
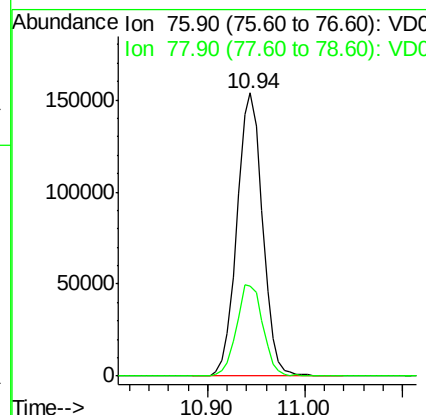
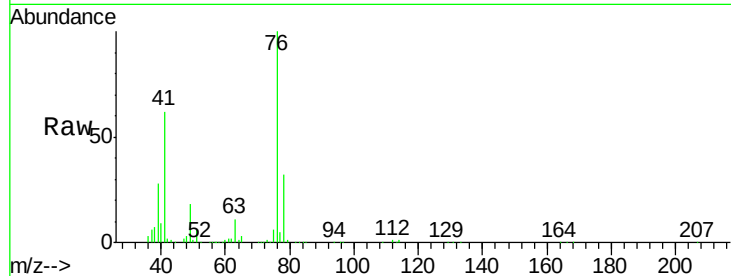
#57
 1,3-Dichloropropane
 Concen: 55.858 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.8	38.8

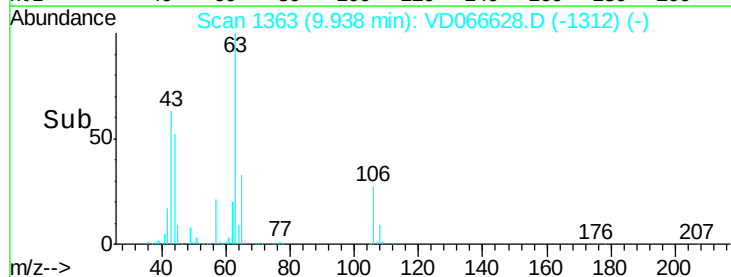
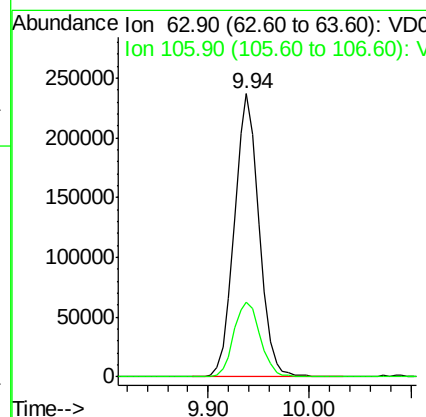
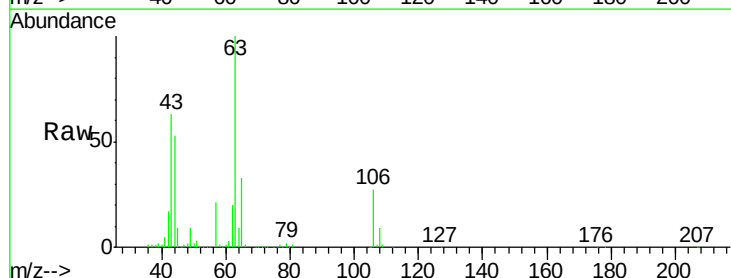
Manual Integrations
 APPROVED

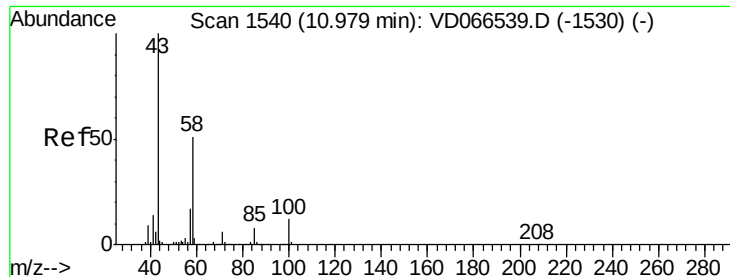
MMDadoda
 9/11/2020 10:18:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.293 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.0	33.0





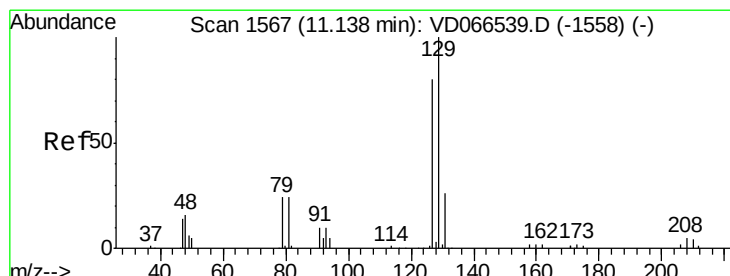
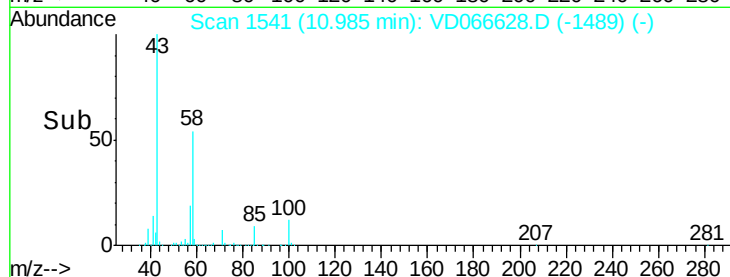
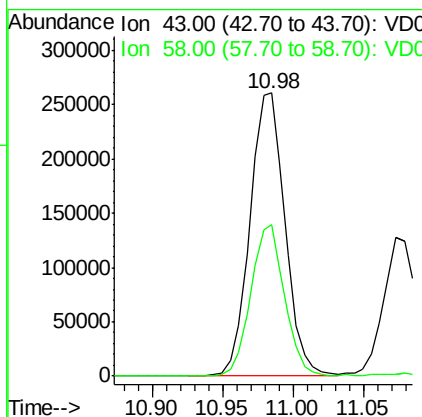
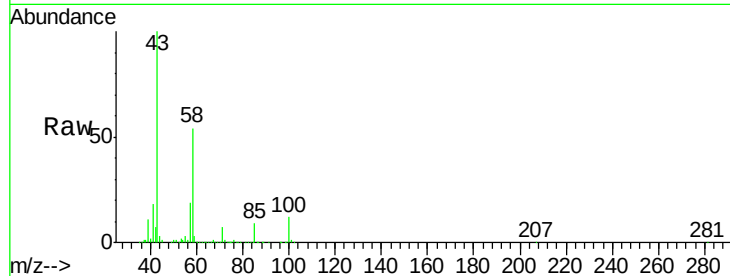
#59
2-Hexanone
Concen: 301.375 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 455836
Ion Ratio Lower Upper
43 100
58 51.5 25.6 76.8

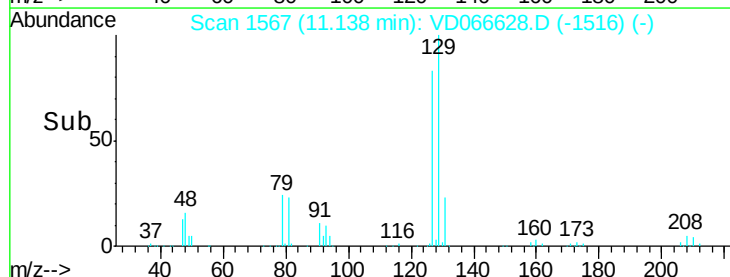
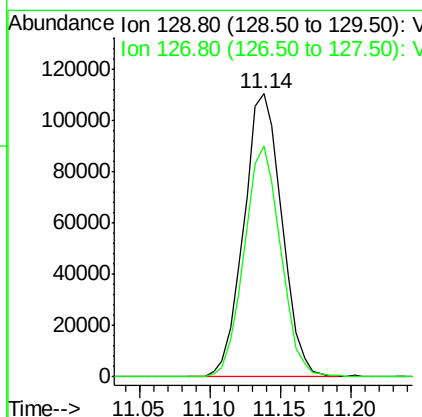
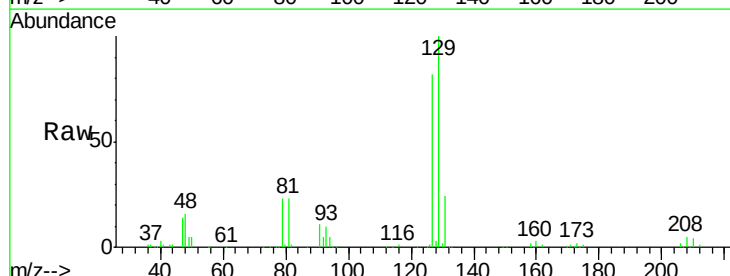
Manual Integrations
APPROVED

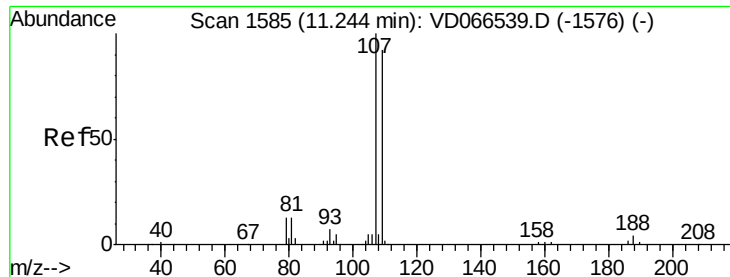
MMDadoda
9/11/2020 10:18:00 AM



#60
Dibromochloromethane
Concen: 55.294 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 129 Resp: 208777
Ion Ratio Lower Upper
129 100
127 78.5 39.5 118.3





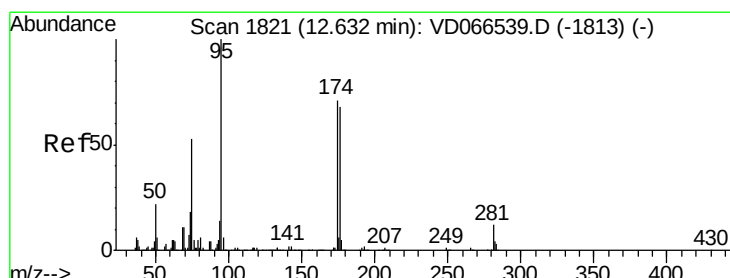
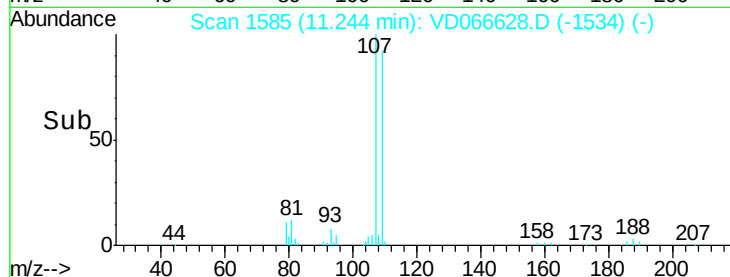
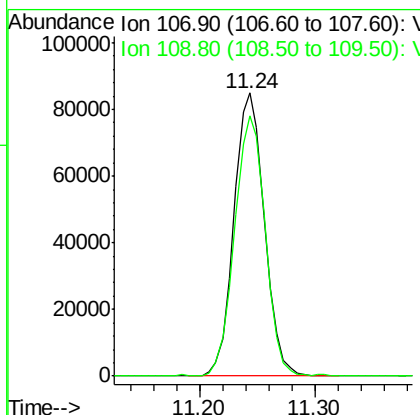
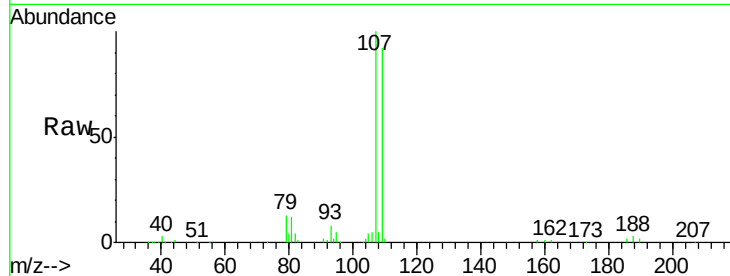
#61
 1,2-Dibromoethane
 Concen: 55.650 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	74.4	111.6

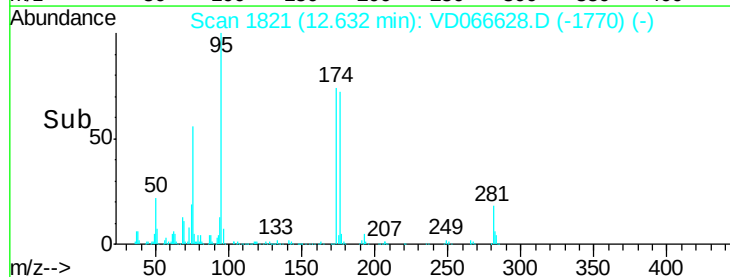
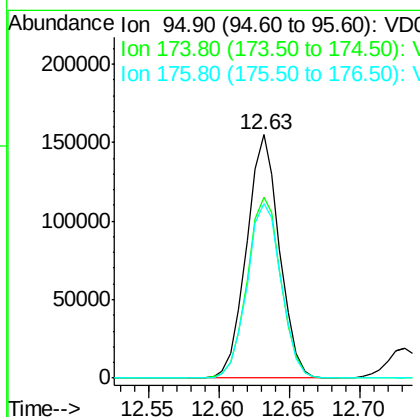
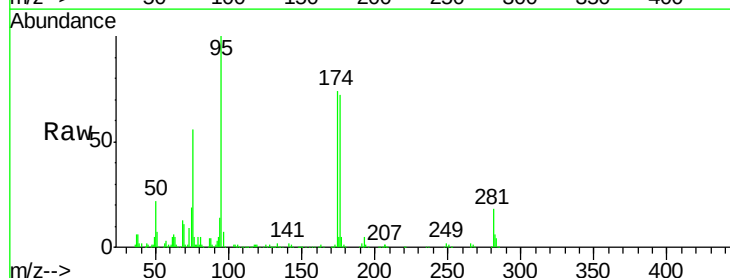
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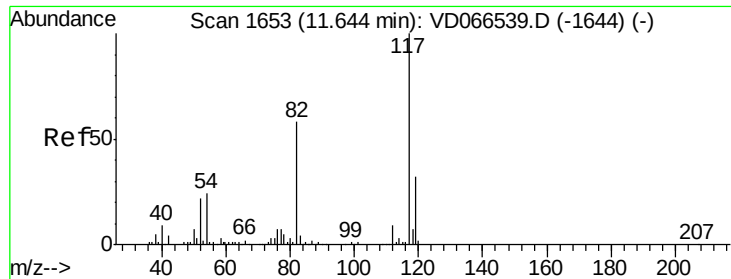
MMDadoda
 9/11/2020 10:18:00 AM



#62
 4-Bromofluorobenzene
 Concen: 56.319 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	155.8
176	74.6	0.0	148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

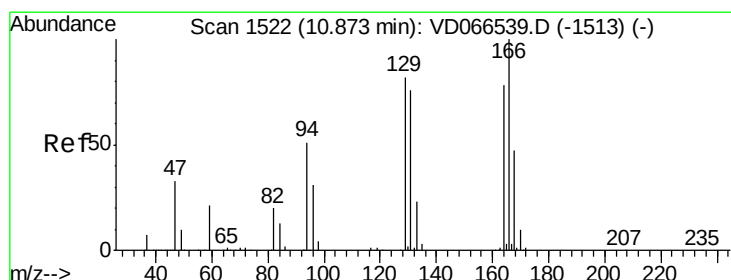
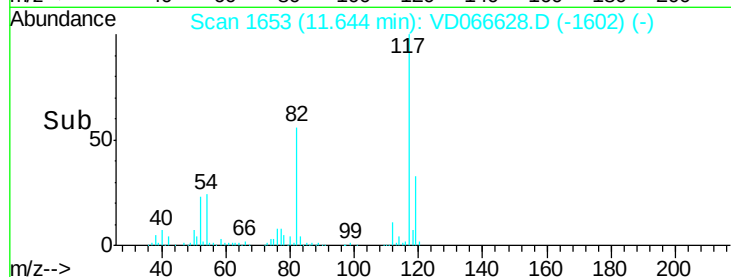
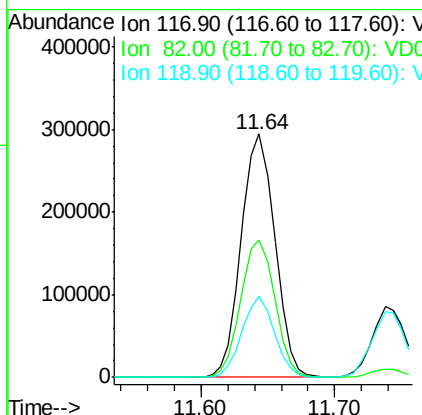
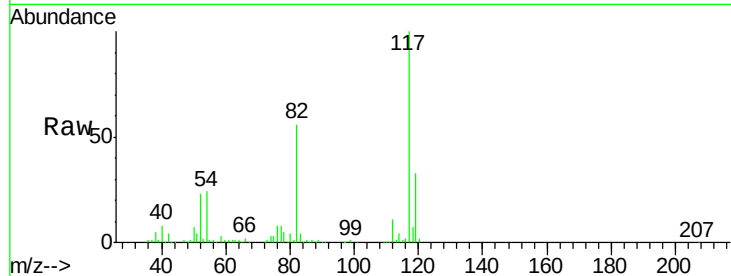
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	516150
Ion Ratio	Lower	Upper	
117	100		
82	56.2	46.2	69.2
119	33.2	25.8	38.8

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#64

Tetrachloroethene

Concen: 50.989 ug/l

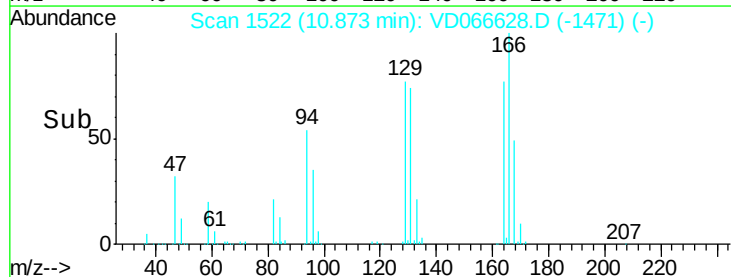
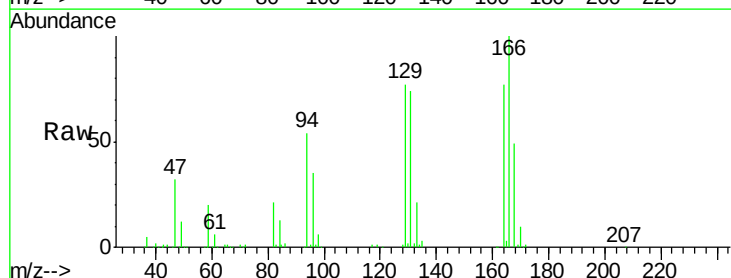
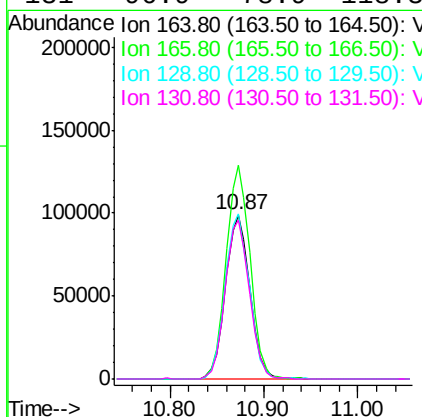
RT: 10.87 min Scan# 1522

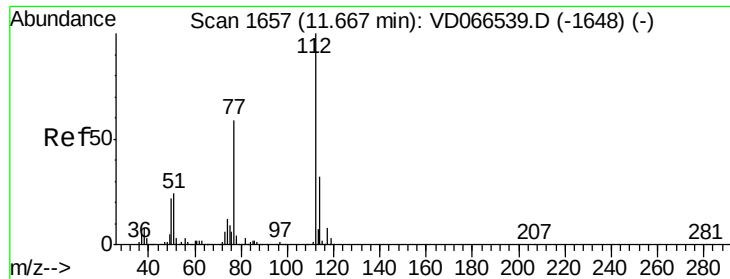
Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion:	164	Resp:	177199
Ion Ratio	Lower	Upper	
164	100		
166	130.2	103.2	154.8
129	100.5	84.5	126.7
131	96.9	78.9	118.3





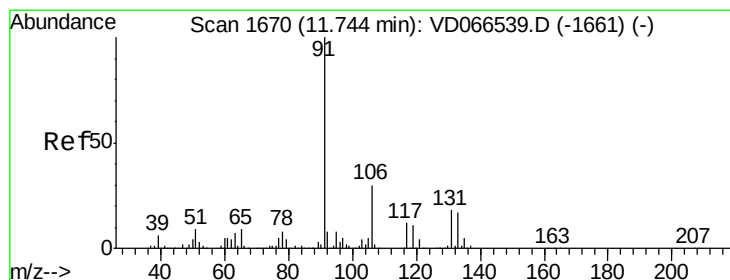
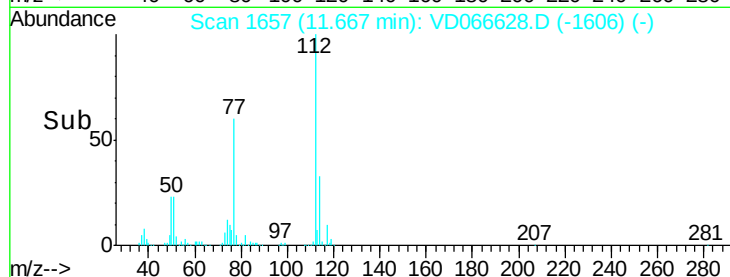
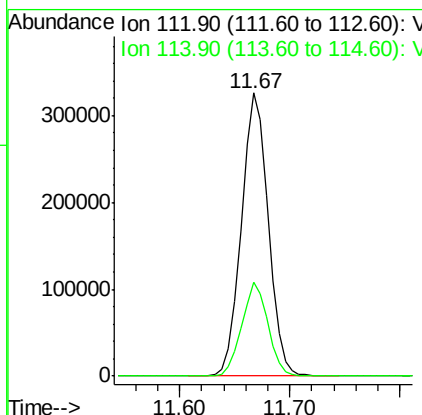
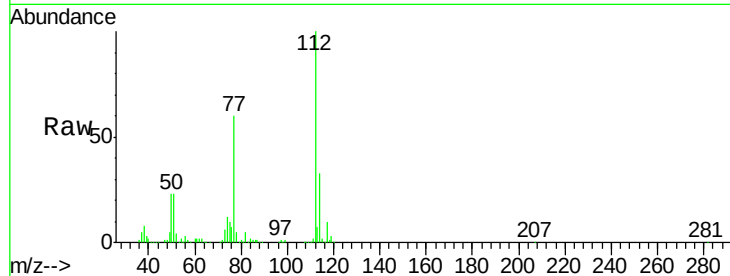
#65
Chlorobenzene
Concen: 52.410 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.7	38.5

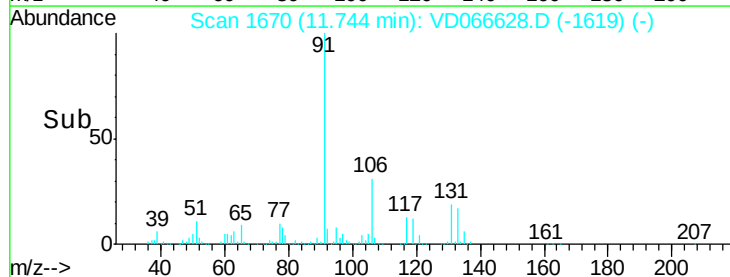
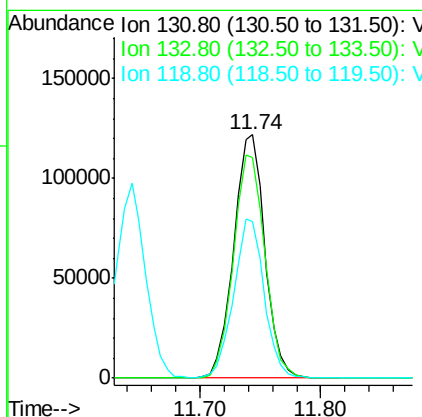
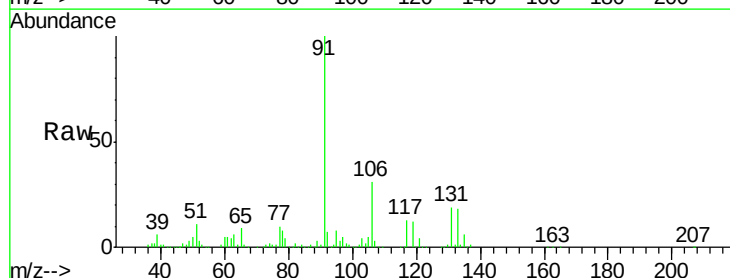
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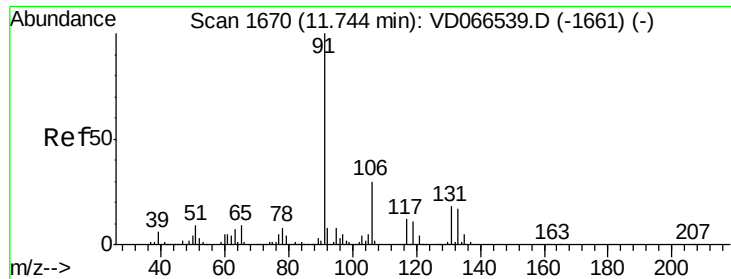
MMDadoda
9/11/2020 10:18:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.867 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.2	46.7	140.0
119	64.3	31.9	95.7





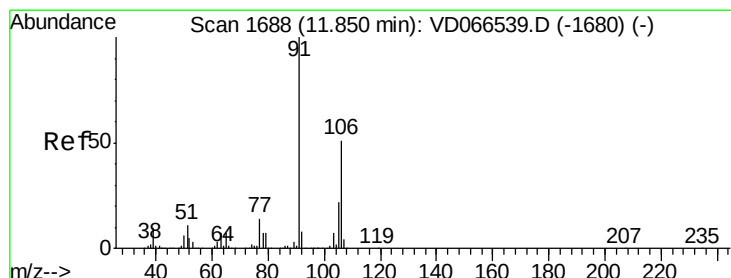
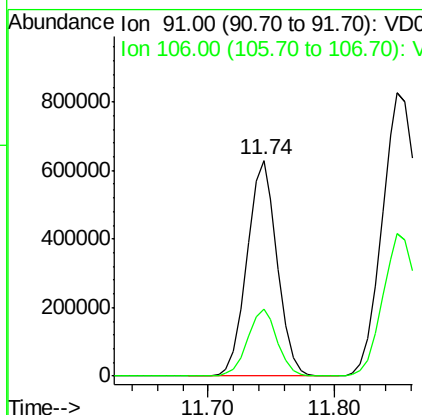
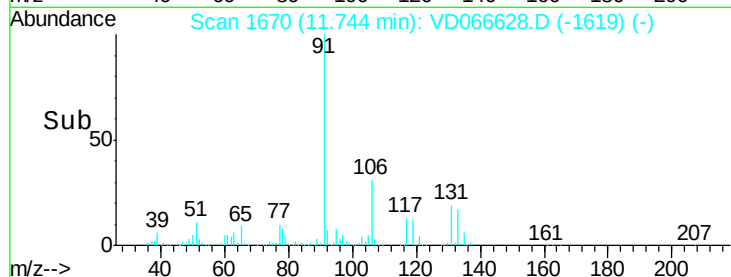
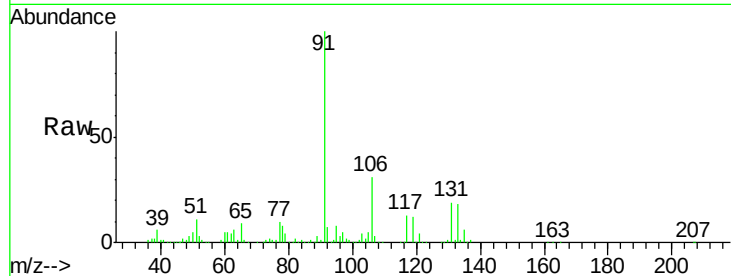
#67
Ethyl Benzene
Concen: 53.135 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1039360
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5

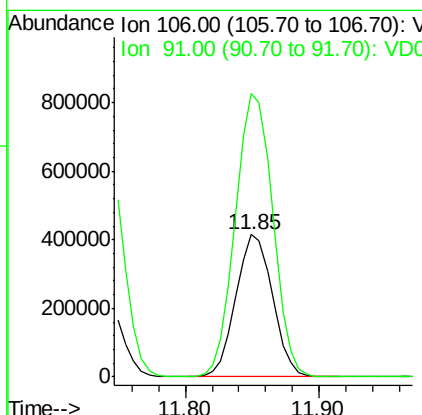
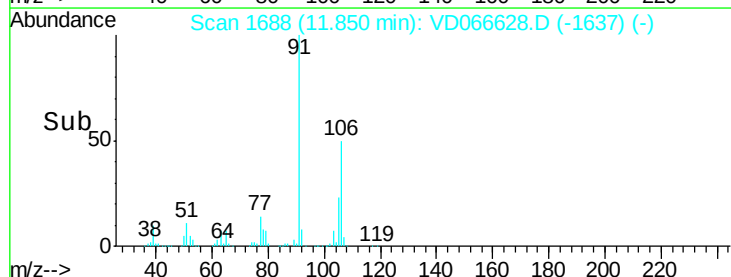
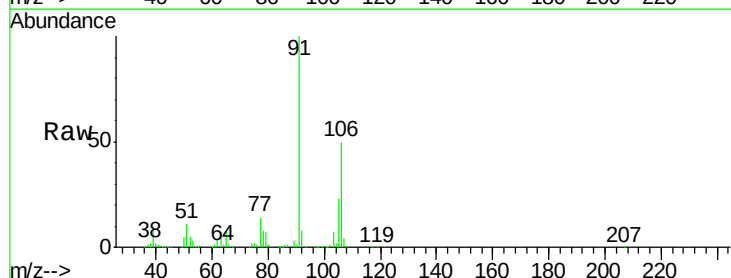
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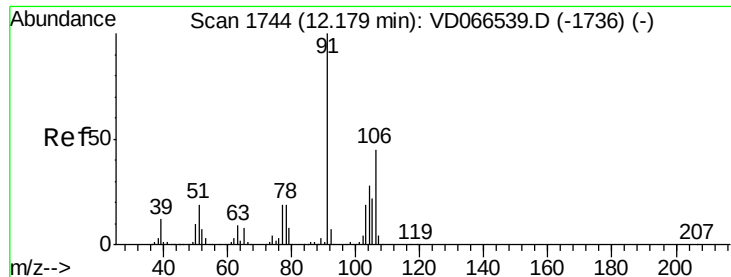
MMDadoda
9/11/2020 10:18:00 AM



#68
m/p-Xylenes
Concen: 108.648 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion: 106 Resp: 789114
Ion Ratio Lower Upper
106 100
91 203.9 162.4 243.6





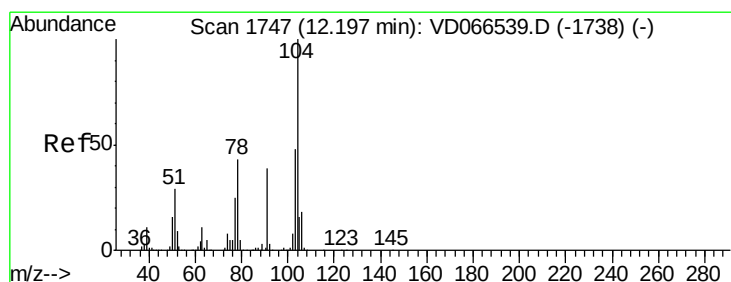
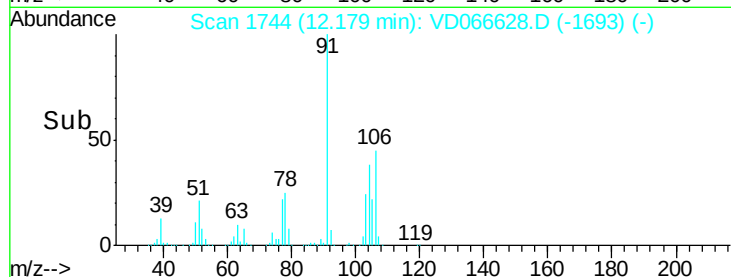
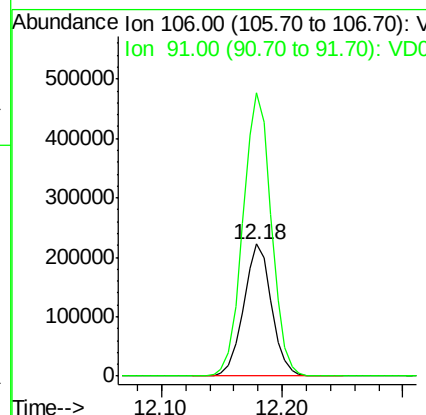
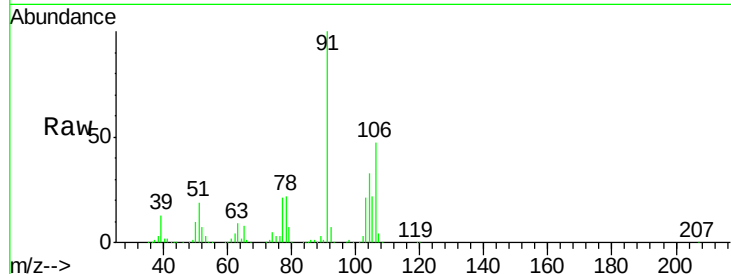
#69
o-Xylene
Concen: 54.614 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	355484		
91	219.6	107.9	323.8	

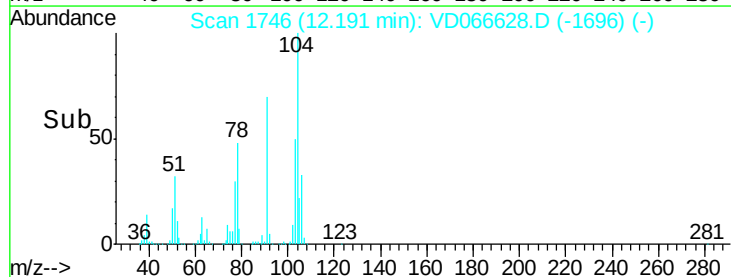
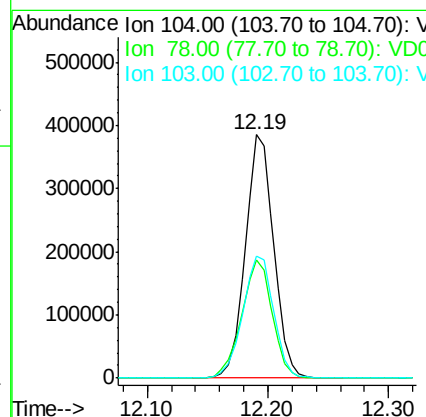
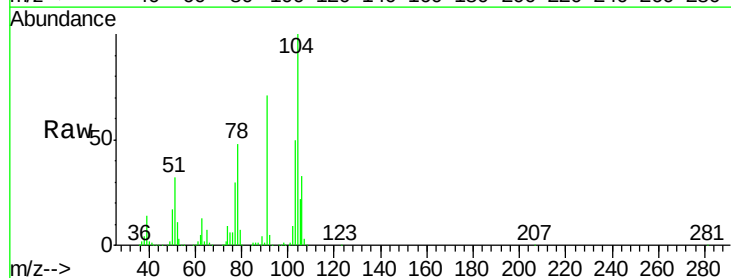
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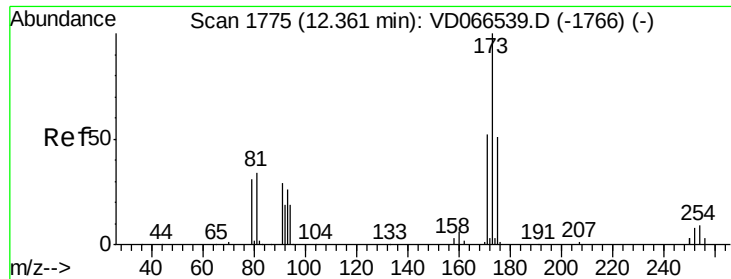
MMDadoda
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#70
Styrene
Concen: 55.839 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	631879		
78	52.3	40.7	61.1	
103	54.7	42.9	64.3	





#71

Bromoform

Concen: 55.547 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 113816

Ion Ratio Lower Upper

173 100

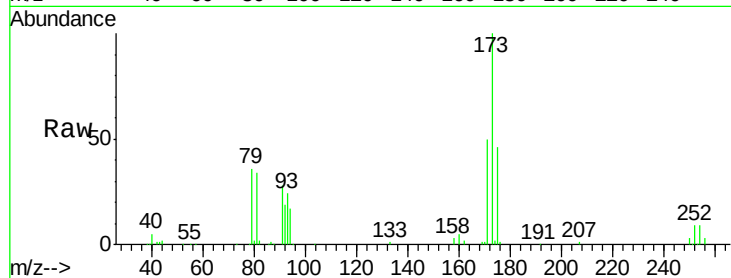
175 47.6 24.2 72.6

254 0.0 0.0 0.0

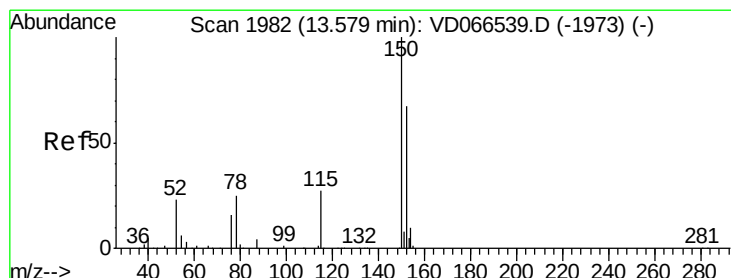
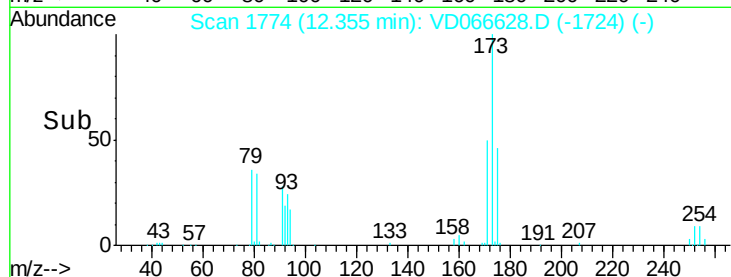
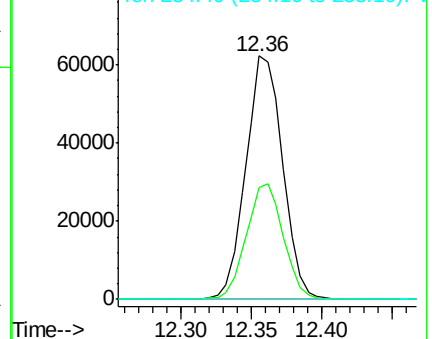
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

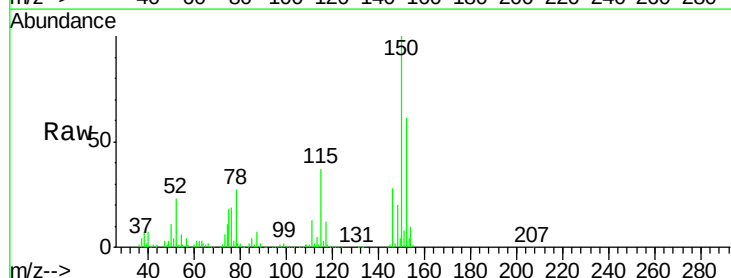
Tgt Ion:152 Resp: 234066

Ion Ratio Lower Upper

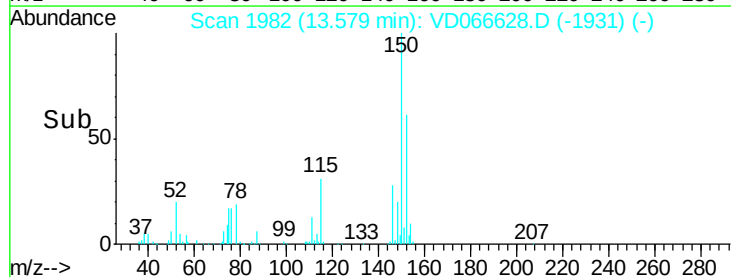
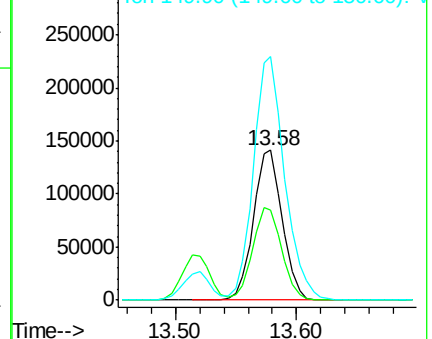
152 100

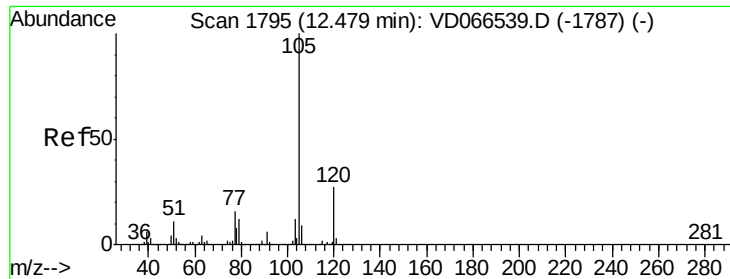
115 62.2 30.4 91.2

150 176.4 0.0 345.8



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





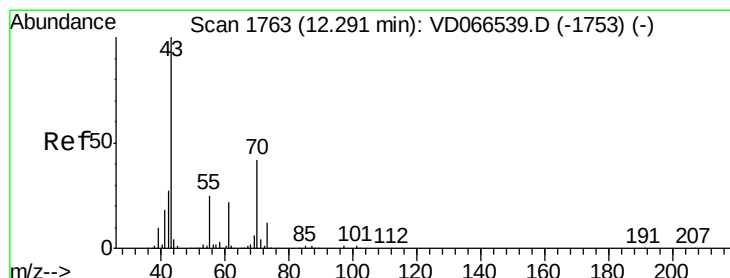
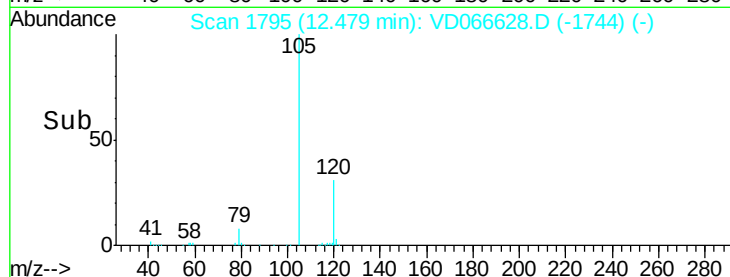
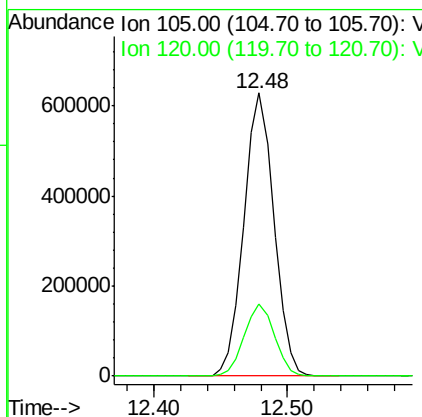
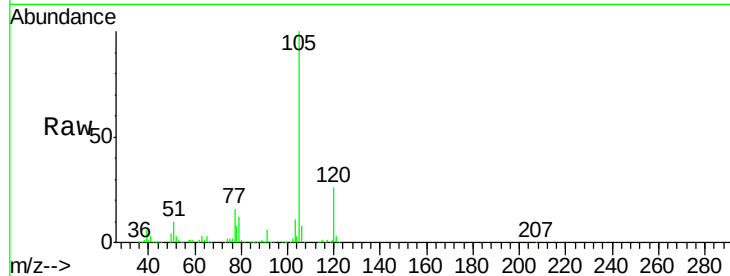
#73
Isopropylbenzene
Concen: 56.386 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.0	39.0

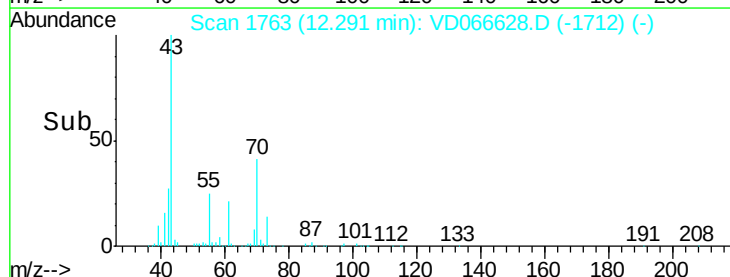
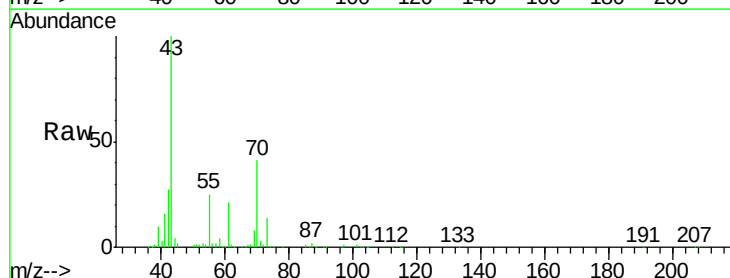
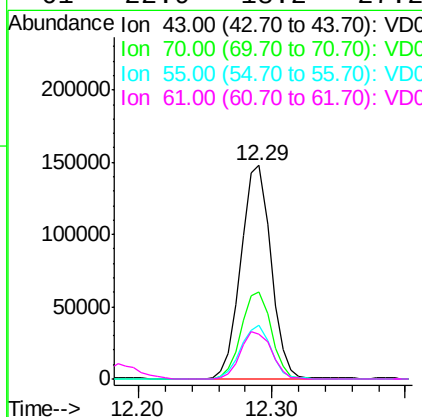
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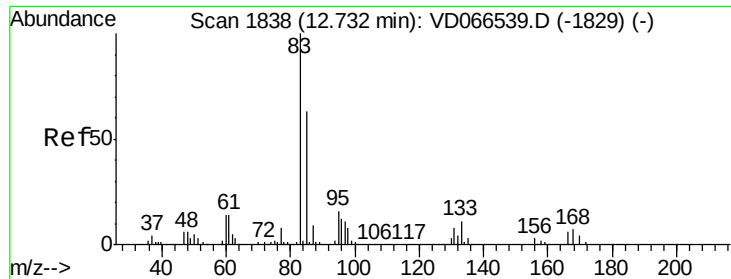
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#74
N-ethyl acetate
Concen: 58.994 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.7	33.4	50.2
55	25.3	20.1	30.1
61	22.9	18.2	27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 57.414 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

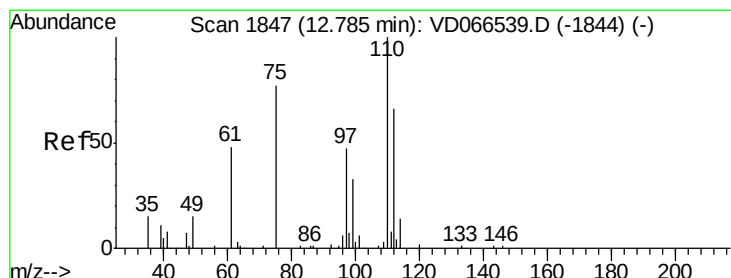
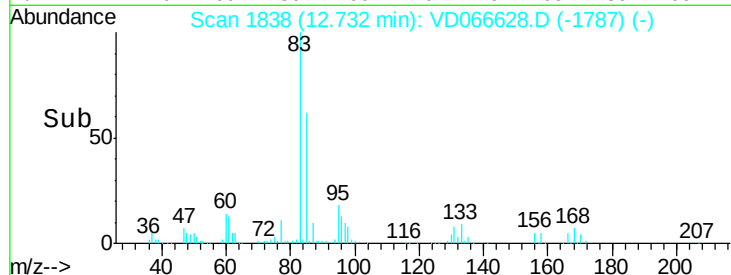
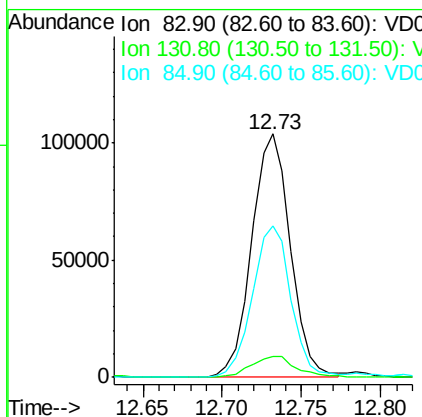
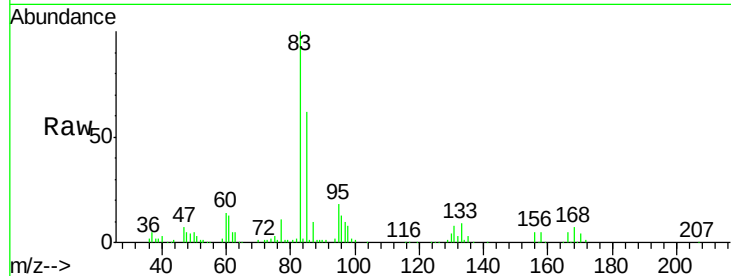
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	175779
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	62.2	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 58.607 ug/l m

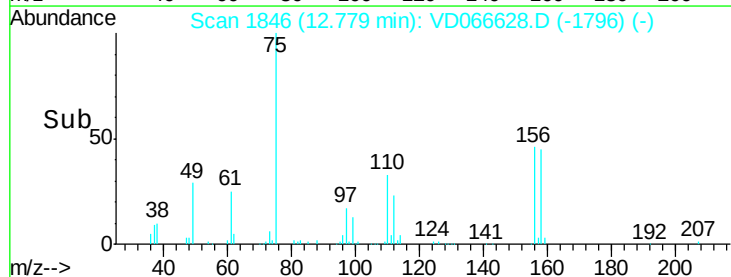
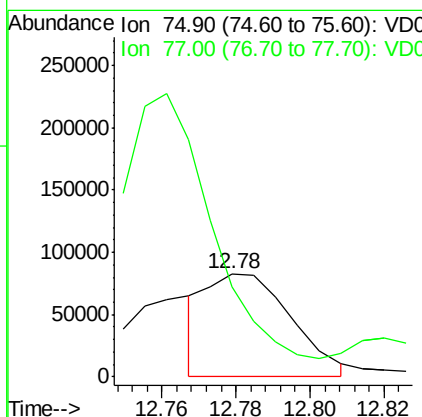
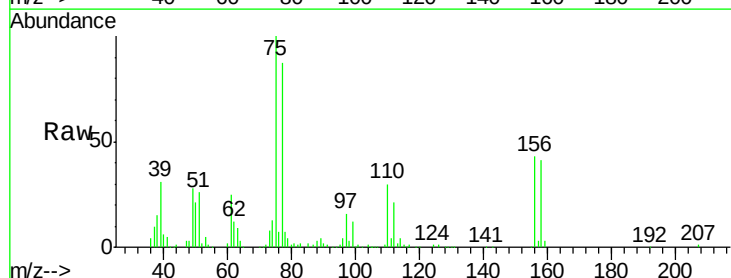
RT: 12.78 min Scan# 1846

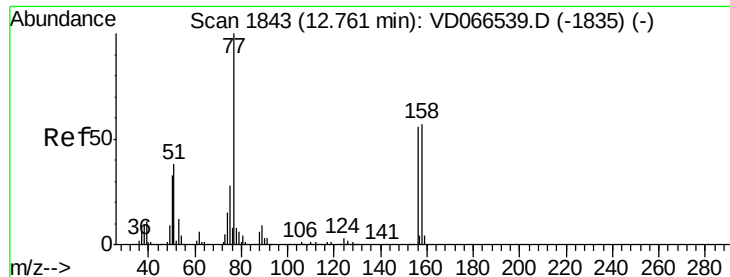
Delta R.T. -0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion:	75	Resp:	131929
Ion Ratio	Lower	Upper	
75	100		
77	325.6	0.0	0.0#





#77

Bromobenzene

Concen: 55.854 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 215798

Ion Ratio Lower Upper

156 100

77 199.1 98.0 294.1

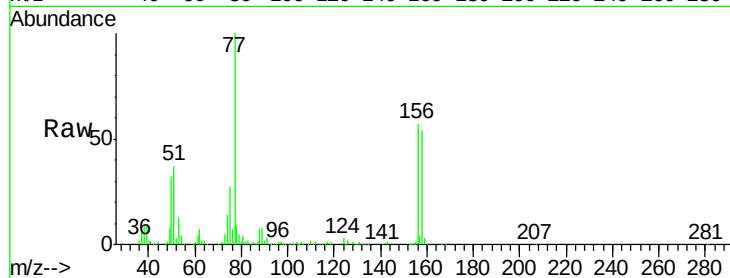
158 96.9 48.1 144.3

Manual Integrations

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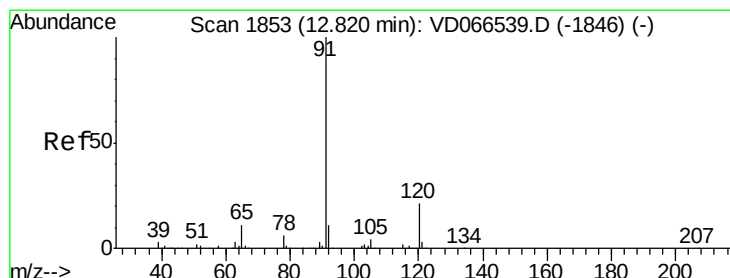
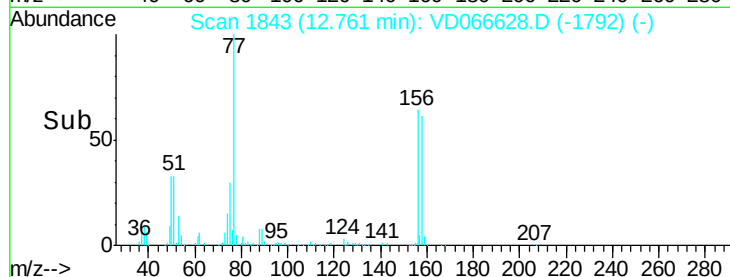
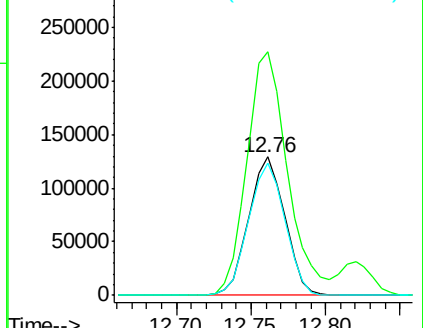
9/11/2020 10:18:00 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.827 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066628.D

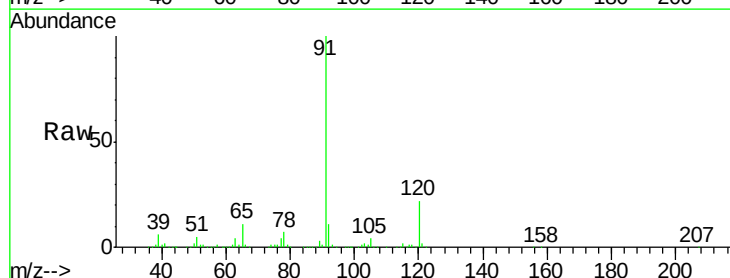
Acq: 10 Sep 2020 22:33

Tgt Ion: 91 Resp: 1172825

Ion Ratio Lower Upper

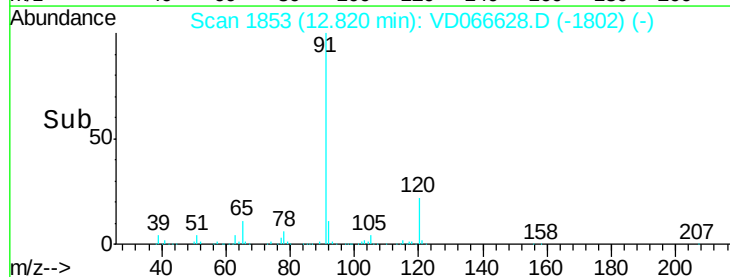
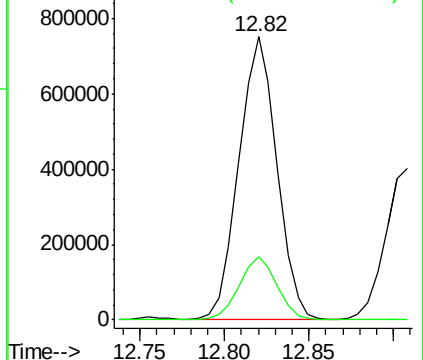
91 100

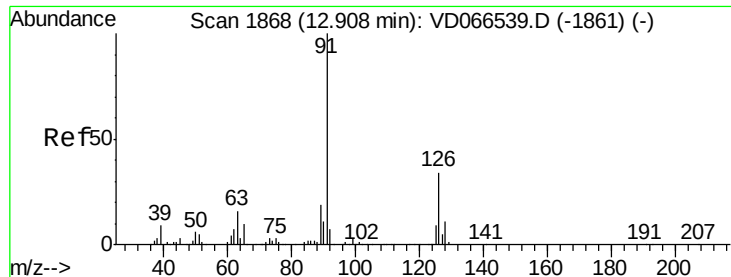
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





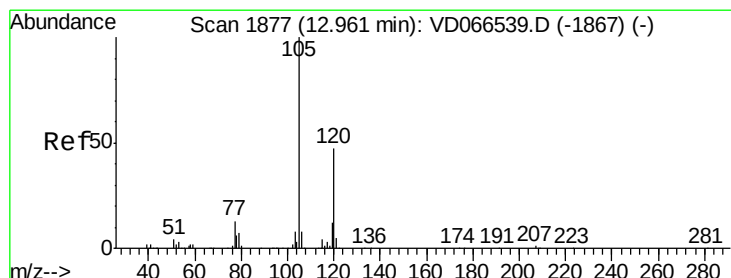
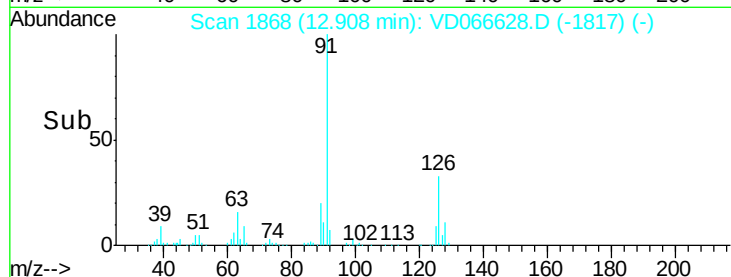
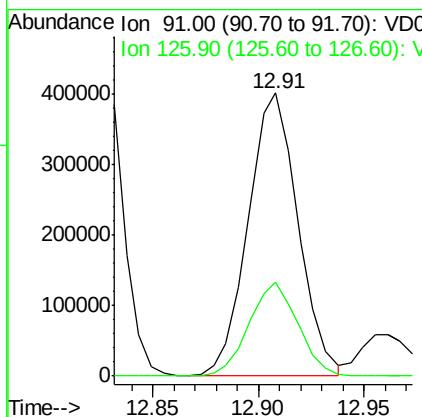
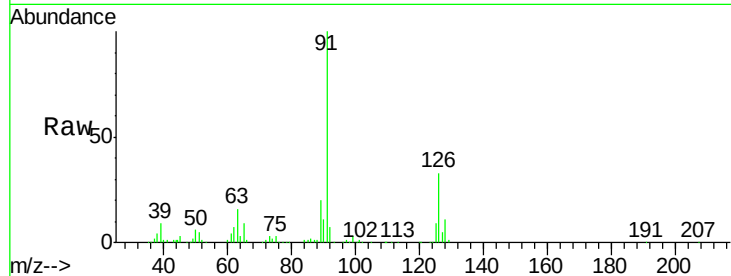
#79
 2-Chlorotoluene
 Concen: 55.883 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 658623
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.4

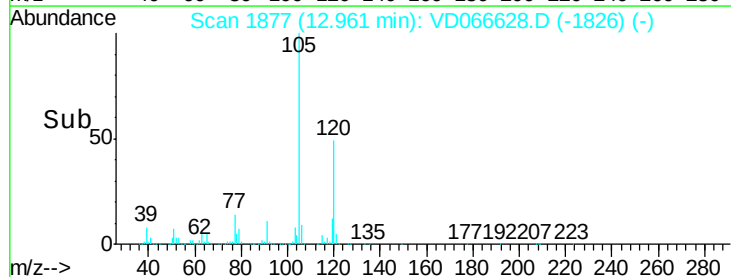
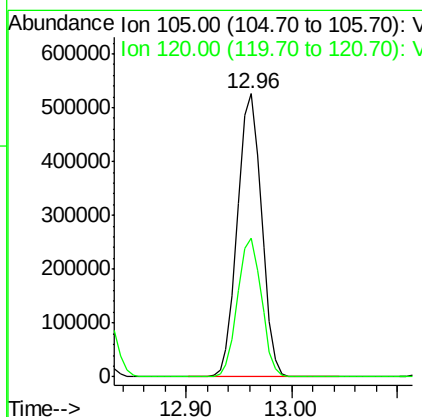
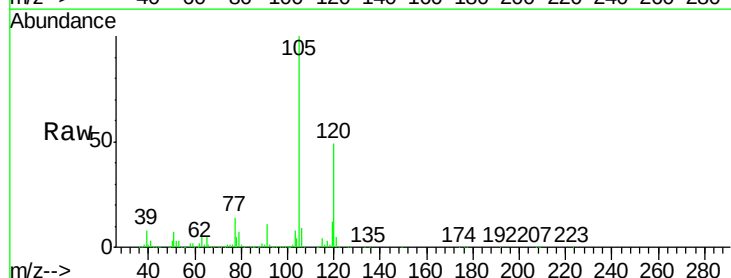
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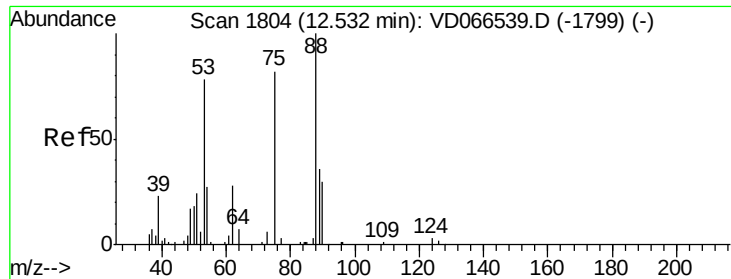
MMDadoda
 9/11/2020 10:18:00 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 56.877 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion: 105 Resp: 829617
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 55.865 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

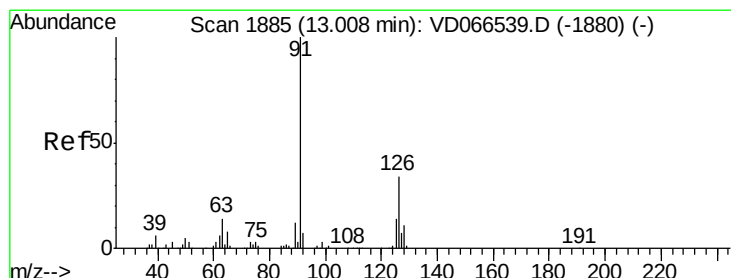
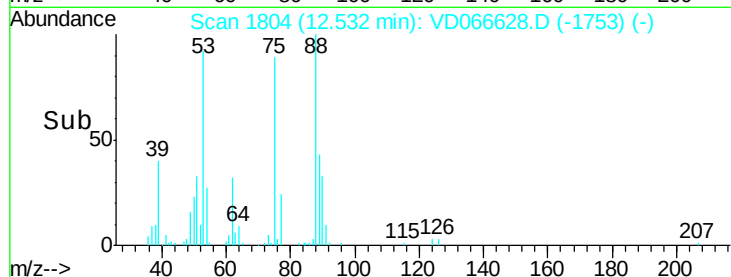
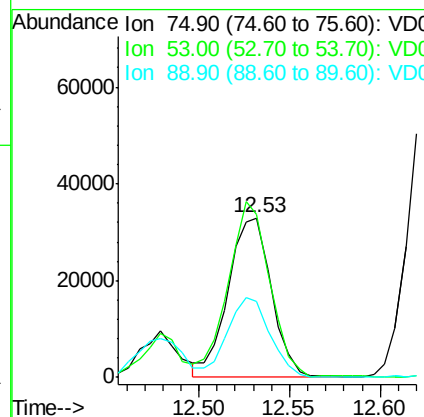
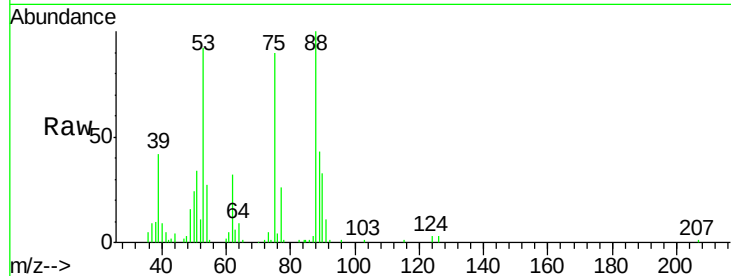
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	53866
Ion	Ratio	Lower	Upper
75	100		
53	106.3	87.0	130.4
89	50.6	37.1	55.7

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#82

4-Chlorotoluene

Concen: 56.339 ug/l

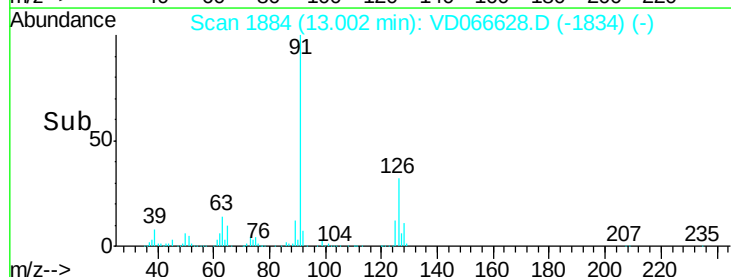
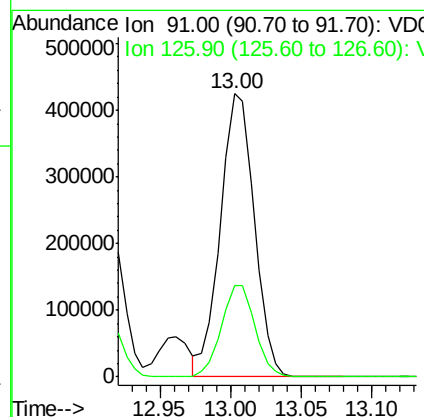
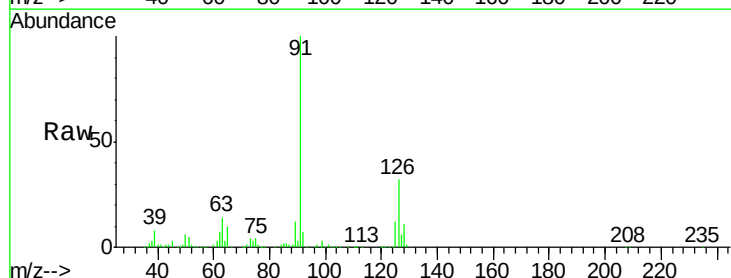
RT: 13.00 min Scan# 1884

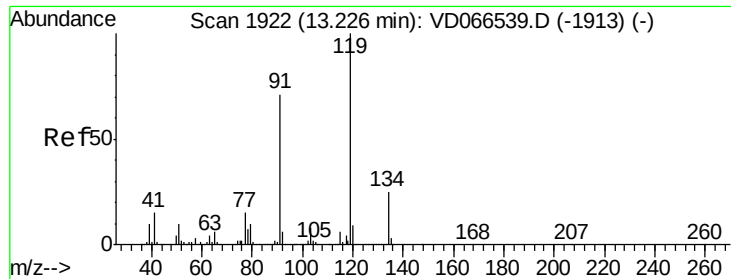
Delta R.T. -0.01 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion:	91	Resp:	710054
Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.4	49.1





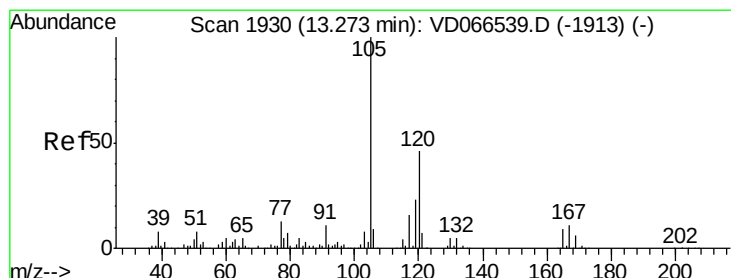
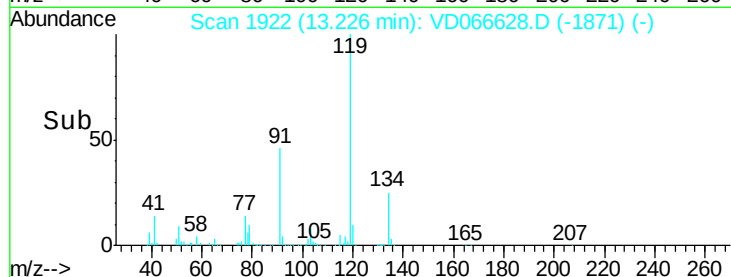
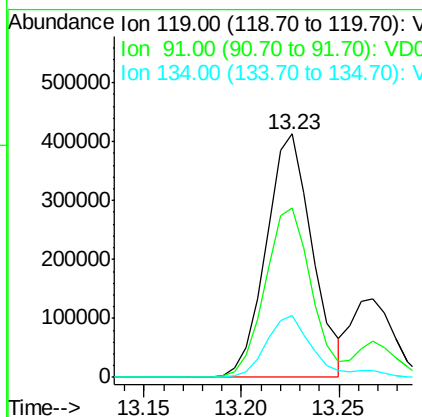
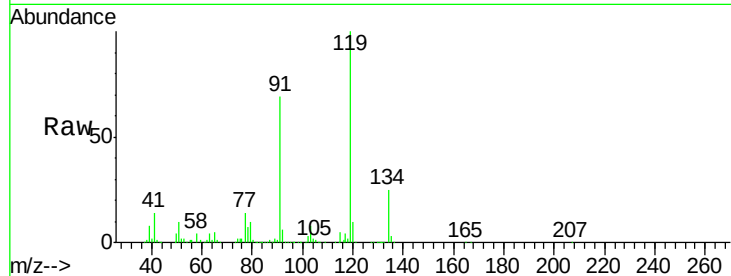
#83
 tert-Butylbenzene
 Concen: 56.823 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	676834		
91	68.9	35.2	105.6	
134	26.5	13.5	40.5	

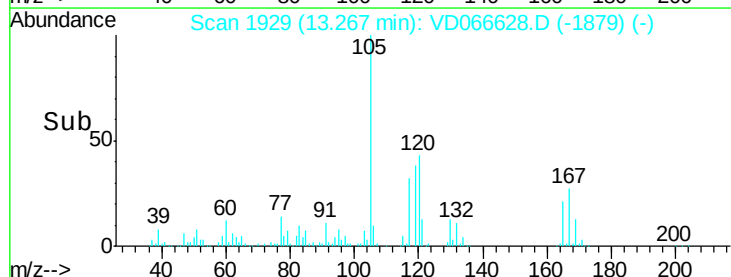
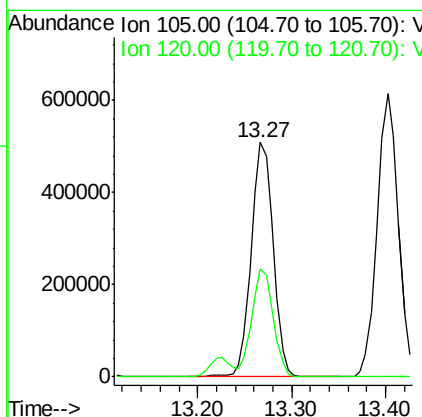
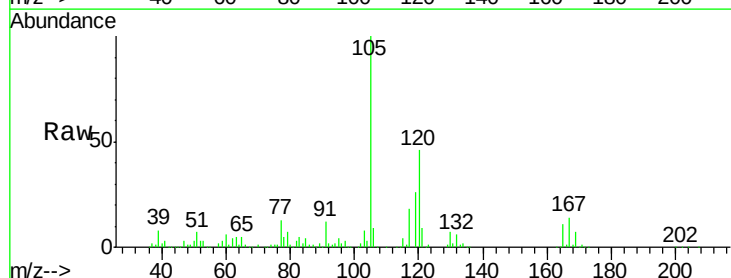
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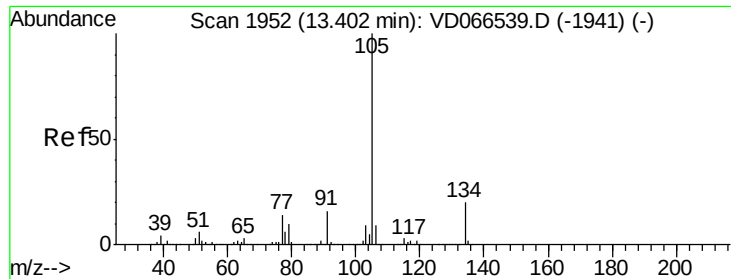
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#84
 1,2,4-Trimethylbenzene
 Concen: 57.128 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	829620		
120	44.3	22.6	67.7	





#85

sec-Butylbenzene

Concen: 55.679 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 955496

Ion Ratio Lower Upper

105 100

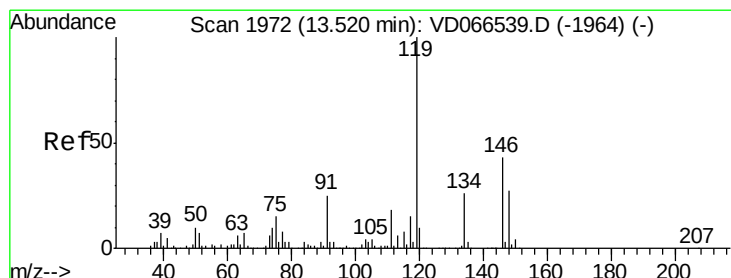
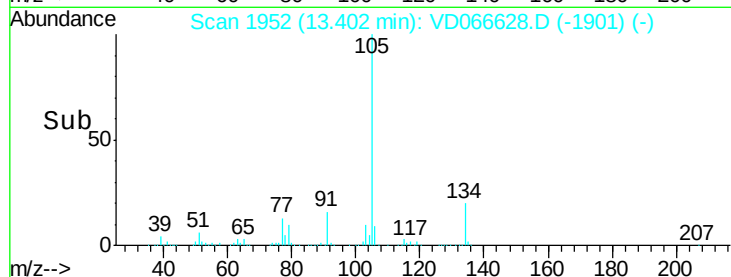
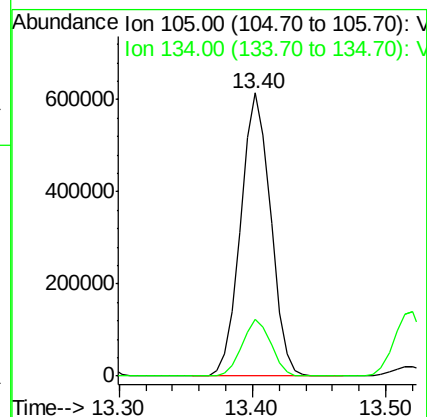
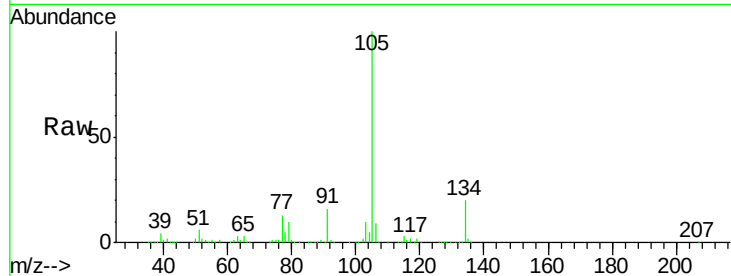
134 19.4 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 56.406 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

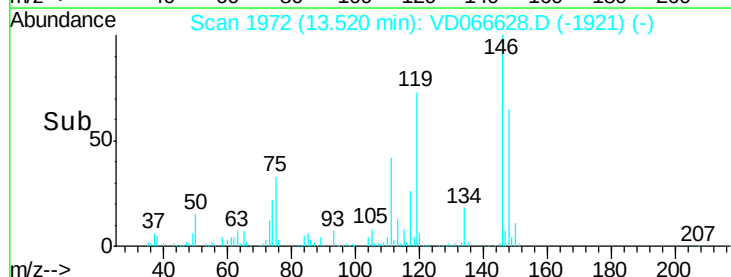
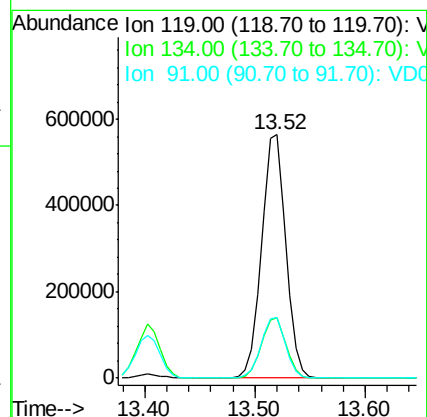
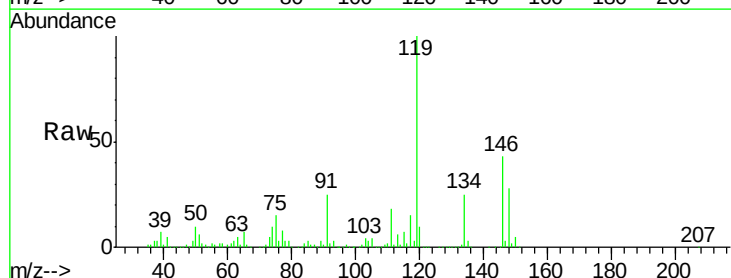
Tgt Ion:119 Resp: 871237

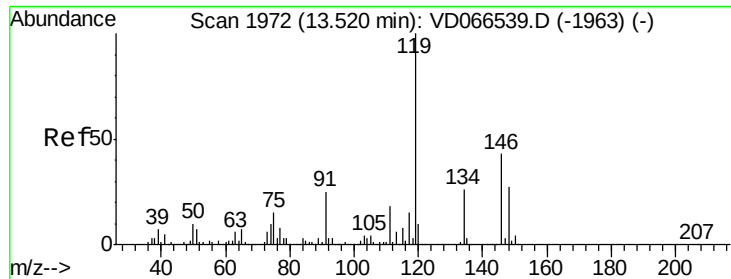
Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.0

91 25.1 12.5 37.5





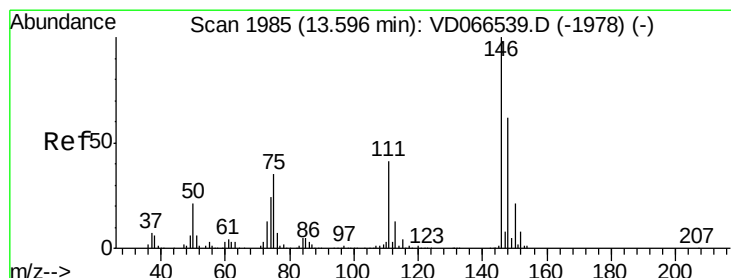
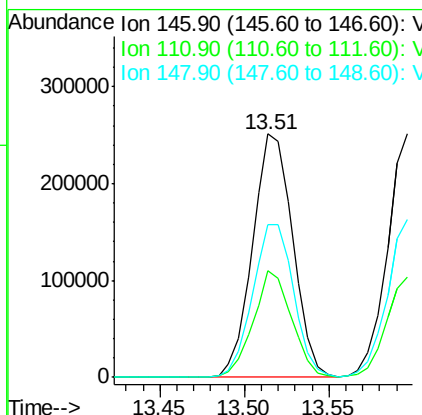
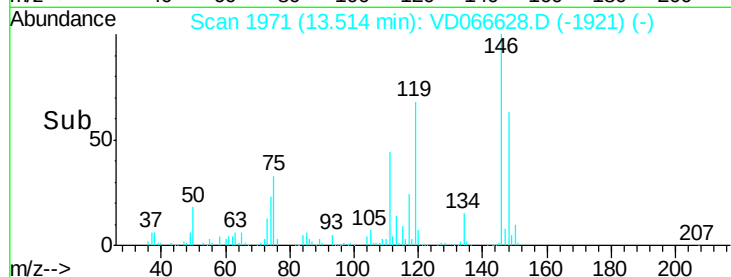
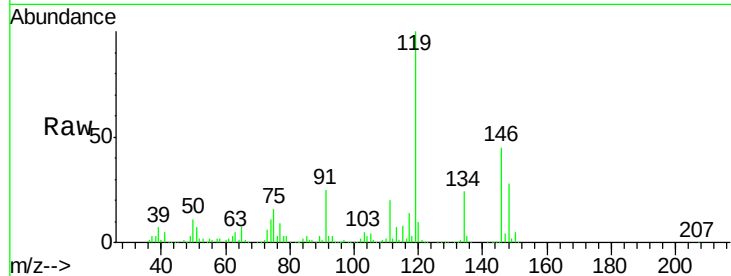
#87
 1,3-Dichlorobenzene
 Concen: 54.236 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.6	61.9
148	64.1	32.1	96.3

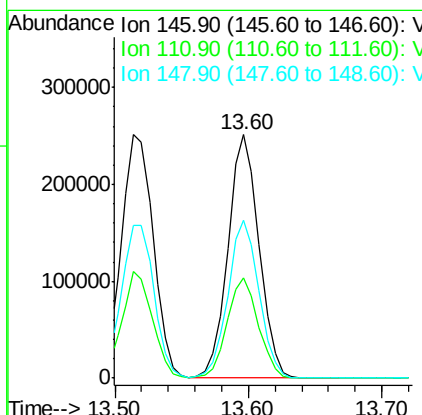
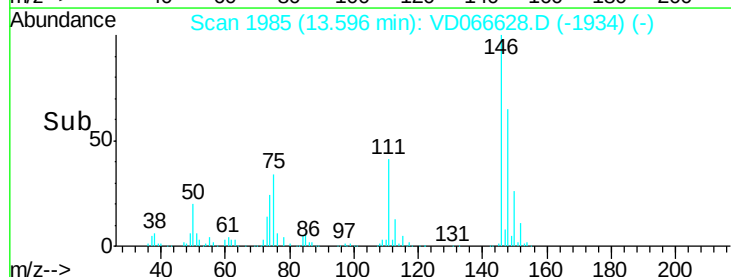
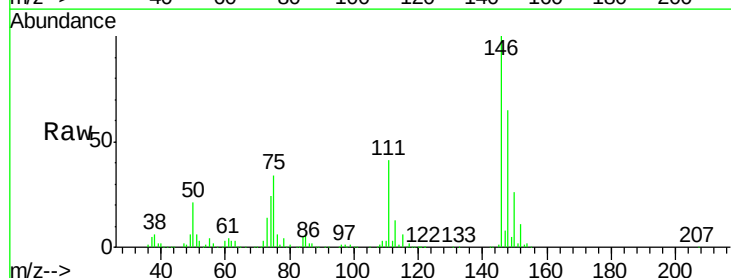
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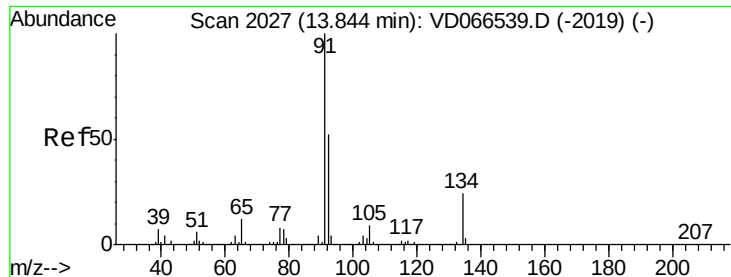
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#88
 1,4-Dichlorobenzene
 Concen: 52.941 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.1	60.2
148	64.8	31.6	94.8





#89

n-Butylbenzene

Concen: 55.006 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Instrument :

MSVOA_D

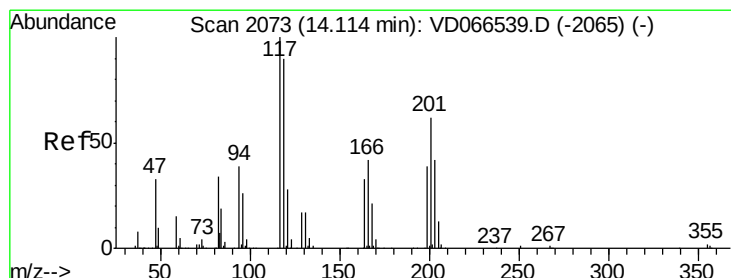
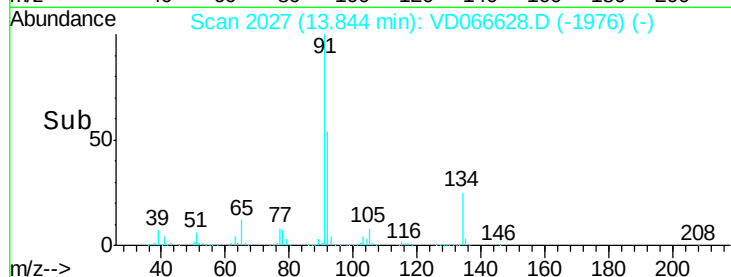
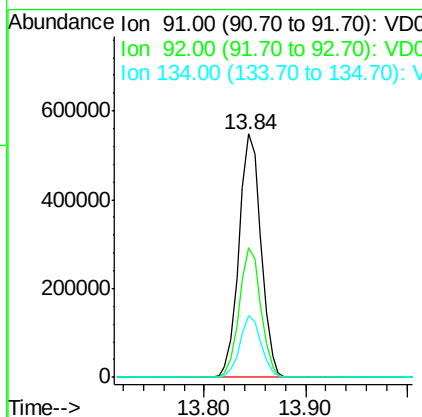
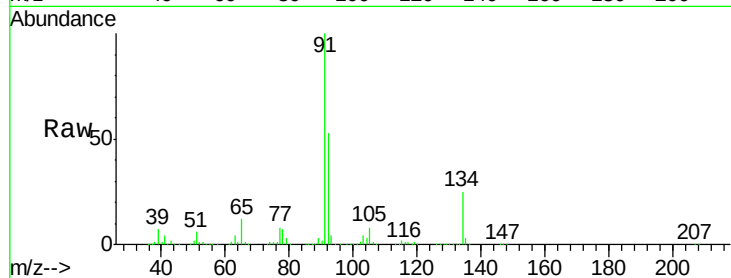
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	827932
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.5	79.5
134	24.3	12.1	36.3

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#90

Hexachloroethane

Concen: 53.367 ug/l

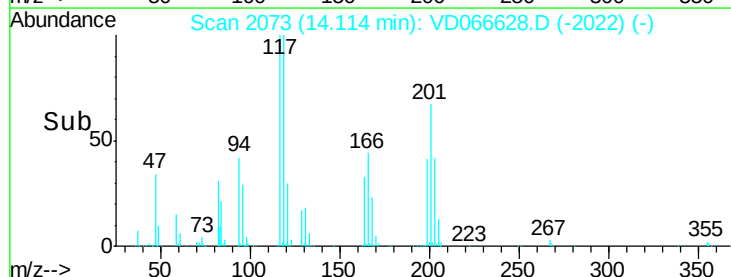
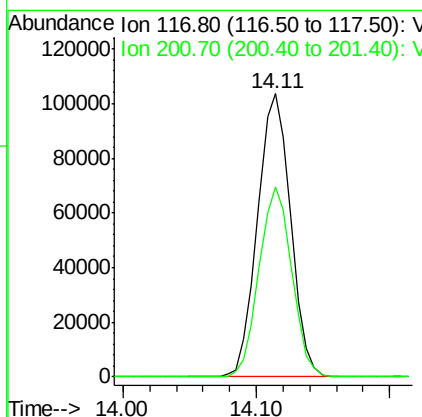
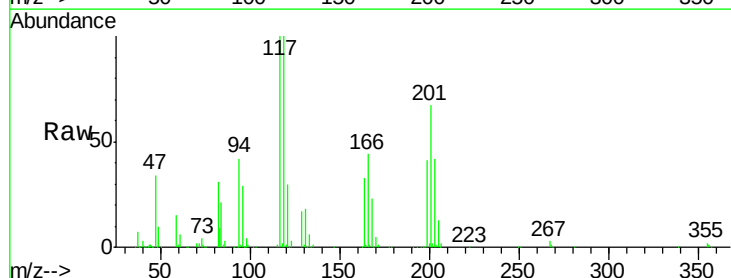
RT: 14.11 min Scan# 2073

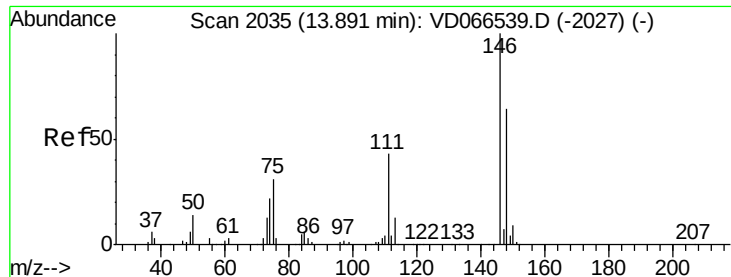
Delta R.T. 0.00 min

Lab File: VD066628.D

Acq: 10 Sep 2020 22:33

Tgt Ion:	117	Resp:	177610
Ion	Ratio	Lower	Upper
117	100		
201	66.2	31.9	95.5





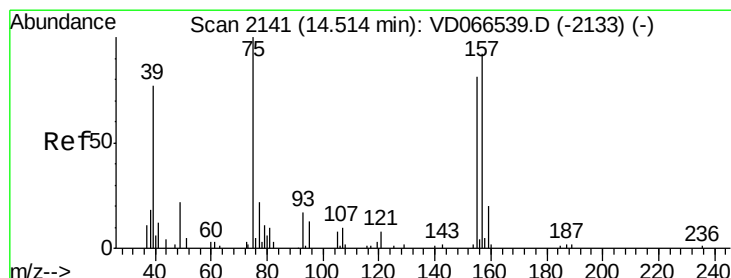
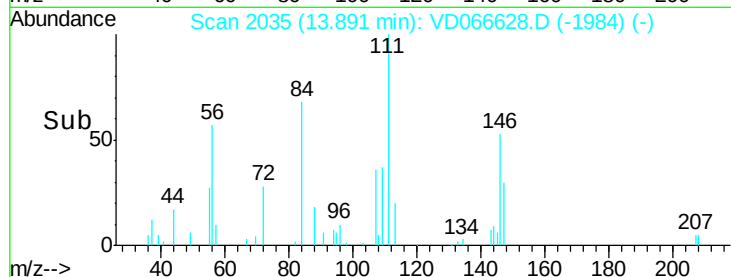
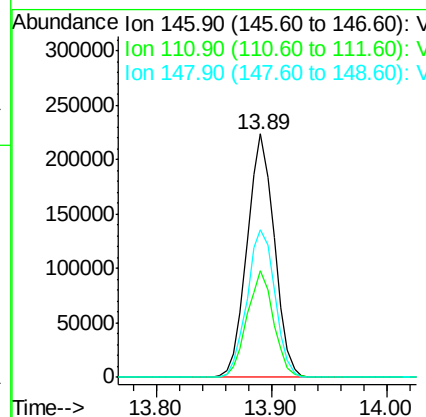
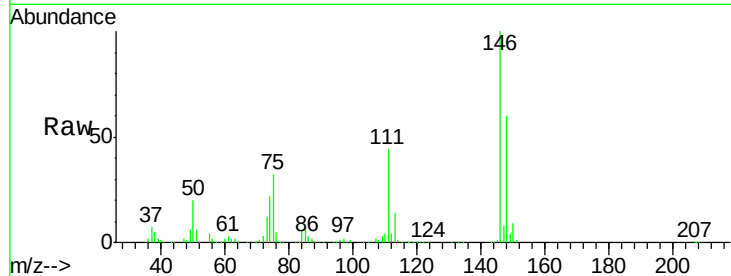
#91
 1,2-Dichlorobenzene
 Concen: 54.563 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	146	Resp:	365809
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.1	63.4
148	62.3	31.8	95.3

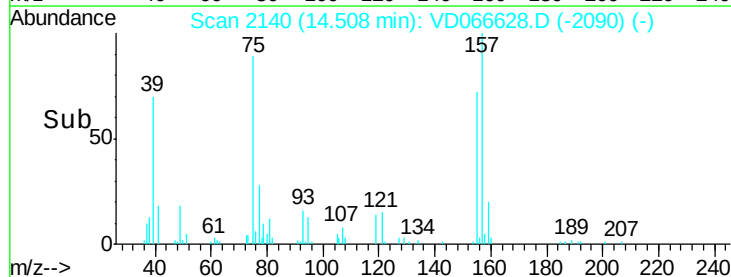
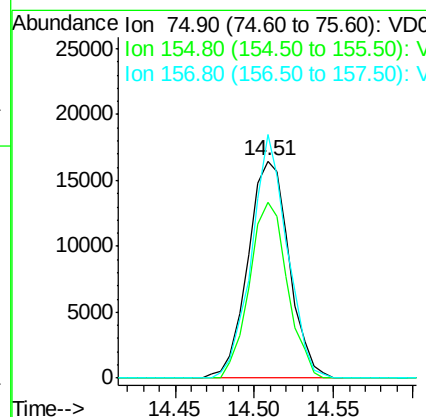
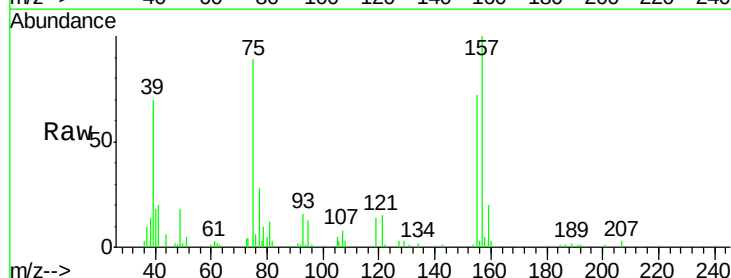
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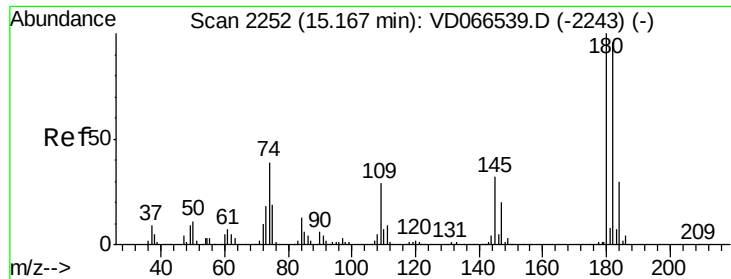
MMDadoda
 9/11/2020 10:18:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.102 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion:	75	Resp:	29698
Ion Ratio	Lower	Upper	
75	100		
155	74.6	39.3	117.8
157	96.8	46.0	137.8





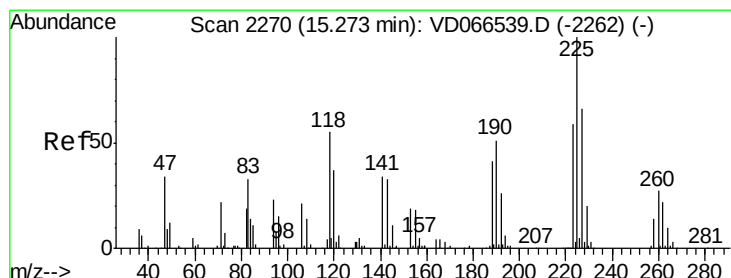
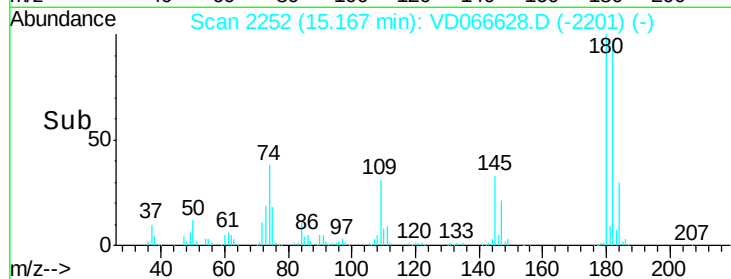
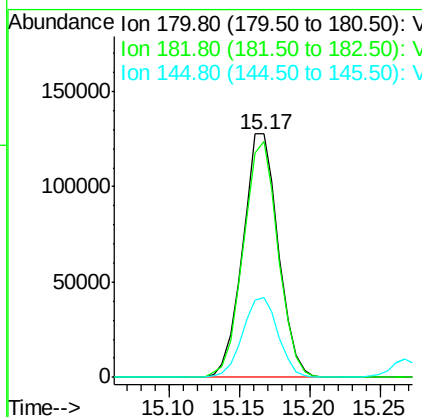
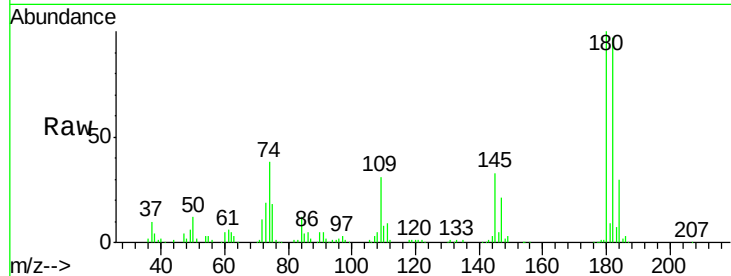
#93
 1,2,4-Trichlorobenzene
 Concen: 55.899 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	224913		
182	95.2	48.4	145.0	
145	33.0	16.7	50.0	

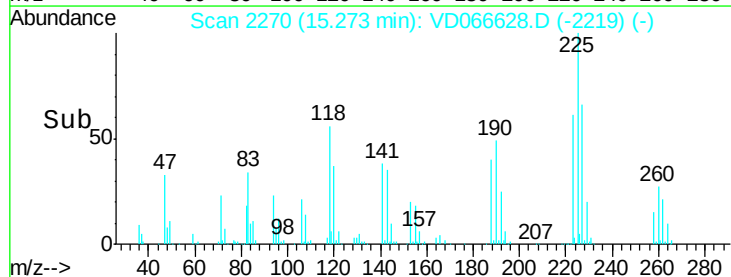
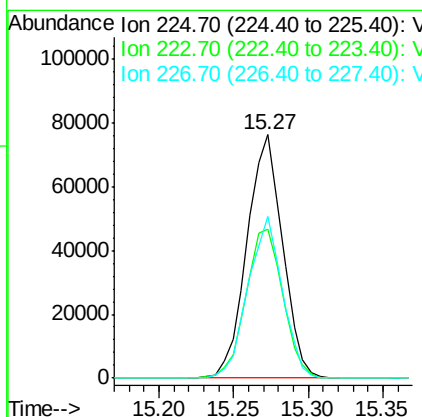
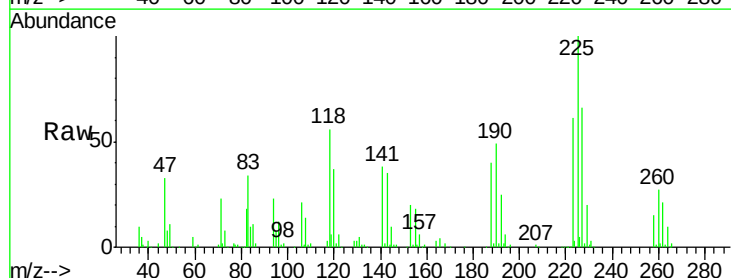
Manual Integrations
 APPROVED

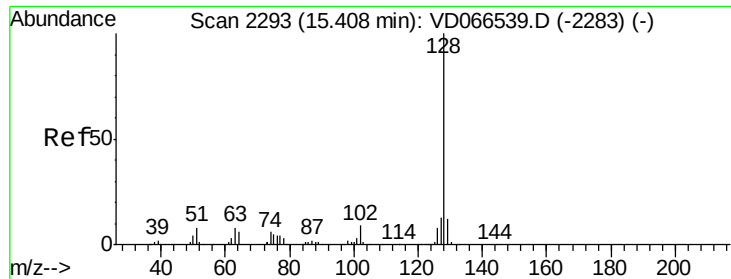
MMDadoda
 9/11/2020 10:18:00 AM



#94
 Hexachlorobutadiene
 Concen: 51.970 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066628.D
 Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125624		
223	63.8	30.5	91.5	
227	64.2	32.4	97.2	





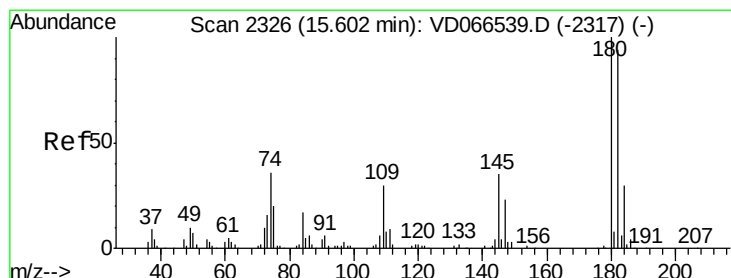
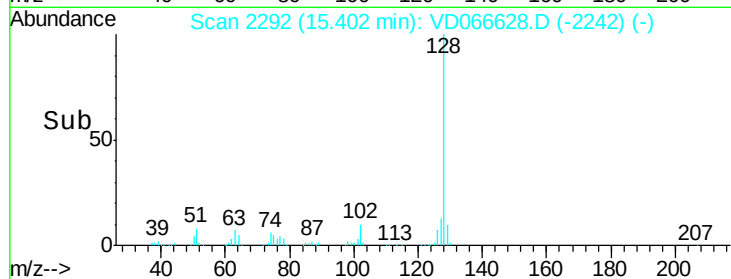
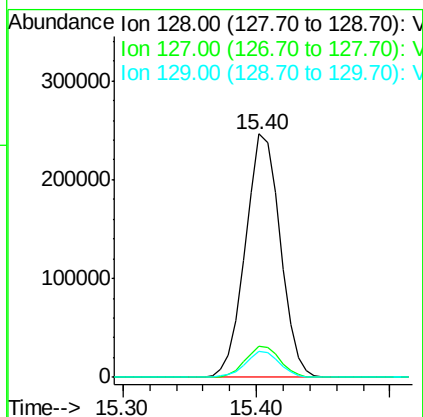
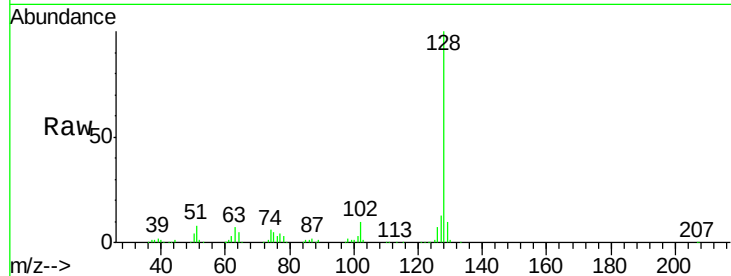
#95
Naphthalene
Concen: 63.195 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	10.4	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:18:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 58.427 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066628.D
Acq: 10 Sep 2020 22:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.6
145	35.4	17.3	51.7

