

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067144.D
 Acq On : 07 Oct 2020 11:26
 Operator : VA/SY
 Sample : VD1007SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:39:31 PM

Quant Time: Oct 08 07:51:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	362665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	557243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	523575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264063	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	173785	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.91	113	183821	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.34	98	667365	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.64	95	235877	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	78975	24.524	ug/l	98
3) Chloromethane	2.20	50	57279	19.832	ug/l	99
4) Vinyl Chloride	2.35	62	58495	20.199	ug/l	96
5) Bromomethane	2.76	94	43782	20.937	ug/l	98
6) Chloroethane	2.91	64	36508	20.700	ug/l #	87
7) Trichlorofluoromethane	3.27	101	137521	21.374	ug/l	95
8) Diethyl Ether	3.70	74	31150	19.523	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	75261	20.695	ug/l	99
10) Methyl Iodide	4.30	142	72583	20.541	ug/l	99
11) Tert butyl alcohol	5.20	59	25035	91.478	ug/l #	81
12) 1,1-Dichloroethene	4.07	96	66359	19.410	ug/l	97
13) Acrolein	3.93	56	20730	88.627	ug/l	90
14) Allyl chloride	4.71	41	80436	18.111	ug/l	94
15) Acrylonitrile	5.42	53	53739	91.513	ug/l	98
16) Acetone	4.15	43	50636	94.960	ug/l	99
17) Carbon Disulfide	4.41	76	203290	19.376	ug/l #	93
18) Methyl Acetate	4.72	43	24576	18.338	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	126156	20.214	ug/l #	90
20) Methylene Chloride	4.97	84	89642	19.210	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	80873	20.786	ug/l	95
22) Diisopropyl ether	6.36	45	154423	19.045	ug/l #	90
23) Vinyl Acetate	6.31	43	430108	93.612	ug/l	99
24) 1,1-Dichloroethane	6.26	63	125814	20.106	ug/l	98
25) 2-Butanone	7.21	43	66719	88.252	ug/l	92
26) 2,2-Dichloropropane	7.21	77	120009	19.949	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	86810	20.892	ug/l	97
28) Bromochloromethane	7.55	49	42075	17.411	ug/l	87
29) Tetrahydrofuran	7.56	42	37750	86.842	ug/l	91
30) Chloroform	7.71	83	140896	20.757	ug/l	97
31) Cyclohexane	7.98	56	99090	18.889	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	134644	21.403	ug/l	97
36) 1,1-Dichloropropene	8.11	75	105226	20.259	ug/l	98
37) Ethyl Acetate	7.29	43	30484	16.941	ug/l #	94
38) Carbon Tetrachloride	8.10	117	126871	22.575	ug/l	92

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	108109	19.687	ug/l	97
40) Benzene	8.35	78	298882	20.717	ug/l	98
41) Methacrylonitrile	7.53	41	21415	22.029	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	85149	21.122	ug/l	99
43) Isopropyl Acetate	8.45	43	61582	18.578	ug/l	95
44) Trichloroethene	9.11	130	90815	21.080	ug/l	93
45) 1,2-Dichloropropane	9.38	63	68378	20.172	ug/l	96
46) Dibromomethane	9.48	93	41393	21.246	ug/l	96
47) Bromodichloromethane	9.66	83	110298	21.779	ug/l	93
48) Methyl methacrylate	9.46	41	30362	17.878	ug/l #	78
49) 1,4-Dioxane	9.47	88	8329	409.613	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	154278	93.438	ug/l	100
52) Toluene	10.40	92	204918	22.050	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	97090	21.450	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	118186	21.383	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	58750	21.689	ug/l	94
56) Ethyl methacrylate	10.66	69	57968	20.728	ug/l	99
57) 1,3-Dichloropropane	10.94	76	91466	20.823	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	151966	97.632	ug/l	93
59) 2-Hexanone	10.98	43	105689	95.904	ug/l	97
60) Dibromochloromethane	11.14	129	82407	22.826	ug/l	98
61) 1,2-Dibromoethane	11.25	107	56752	21.808	ug/l	96
64) Tetrachloroethene	10.87	164	81824	21.496	ug/l	96
65) Chlorobenzene	11.67	112	220541	21.179	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	86335	21.796	ug/l	97
67) Ethyl Benzene	11.74	91	377551	21.161	ug/l	100
68) m/p-Xylenes	11.86	106	303731	43.681	ug/l	99
69) o-Xylene	12.18	106	132828	21.362	ug/l	95
70) Styrene	12.20	104	240035	22.481	ug/l	99
71) Bromoform	12.36	173	45400	22.080	ug/l #	97
73) Isopropylbenzene	12.48	105	375295	20.931	ug/l	99
74) N-amyl acetate	12.29	43	59710	18.525	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	58557	19.383	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	40785m	17.732	ug/l	
77) Bromobenzene	12.76	156	91549	21.145	ug/l	95
78) n-propylbenzene	12.83	91	440167	20.772	ug/l	99
79) 2-Chlorotoluene	12.91	91	254561	20.996	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	324048	21.391	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	17346	18.802	ug/l	91
82) 4-Chlorotoluene	13.01	91	274533	21.283	ug/l	98
83) tert-Butylbenzene	13.23	119	277214	21.731	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	327403	21.656	ug/l	98
85) sec-Butylbenzene	13.41	105	380770	21.195	ug/l	99
86) p-Isopropyltoluene	13.52	119	357451	21.462	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	177811	21.085	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	174568	20.703	ug/l	98
89) n-Butylbenzene	13.85	91	307329	20.190	ug/l	99
90) Hexachloroethane	14.12	117	58700	20.120	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	153995	20.909	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9490	19.488	ug/l	91

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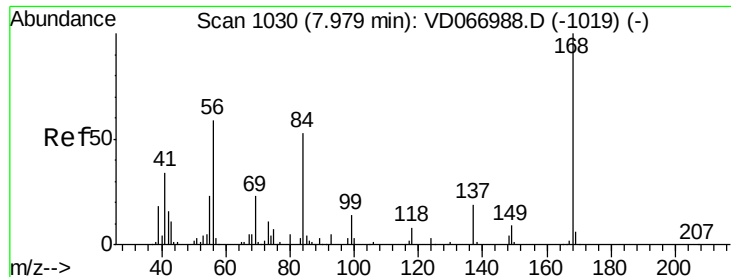
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	103585	21.744	ug/l	99
94) Hexachlorobutadiene	15.28	225	60959	20.836	ug/l	97
95) Naphthalene	15.41	128	155388	19.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	86801	20.989	ug/l	97

(#) = 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: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

Tot Ion:168 Resp: 362665

Ion Ratio Lower Upper

168 100

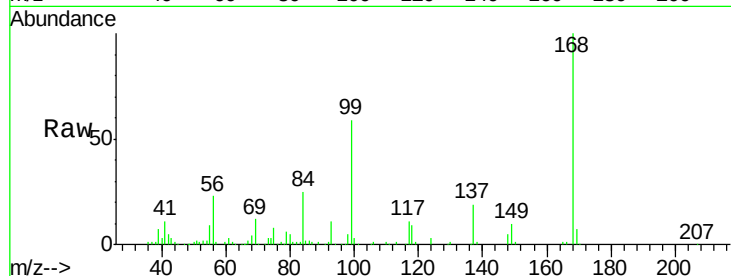
99 58.6 44.1 66.1

Manual Integrations

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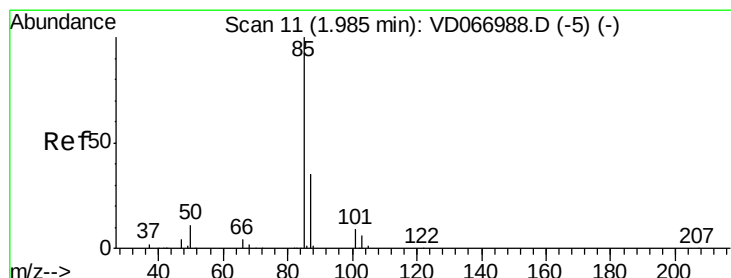
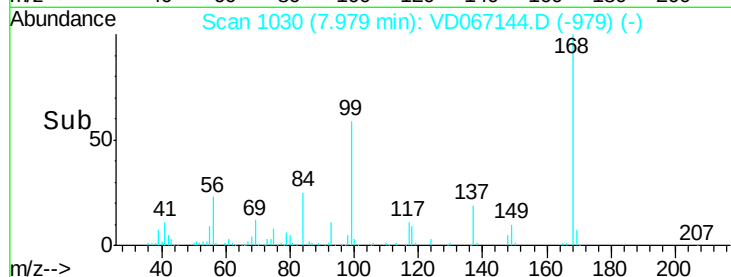
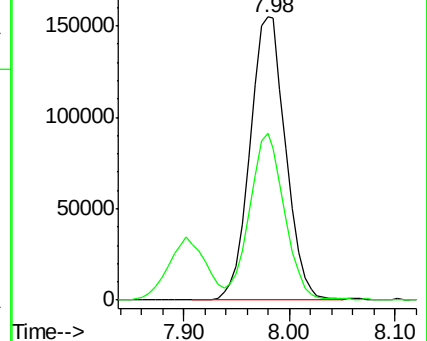
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 24.524 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067144.D

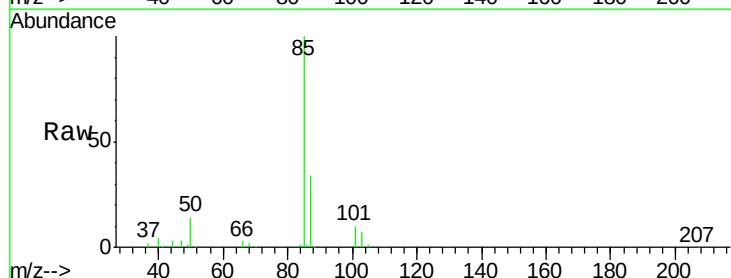
Acq: 07 Oct 2020 11:26

Tgt Ion: 85 Resp: 78975

Ion Ratio Lower Upper

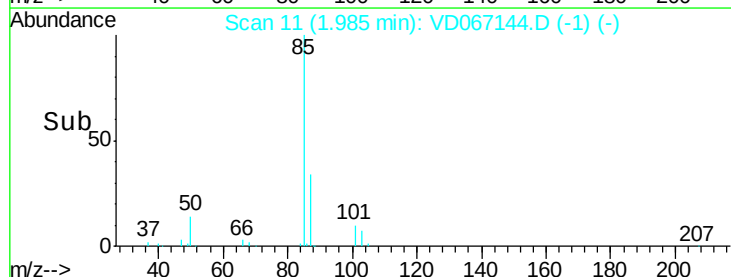
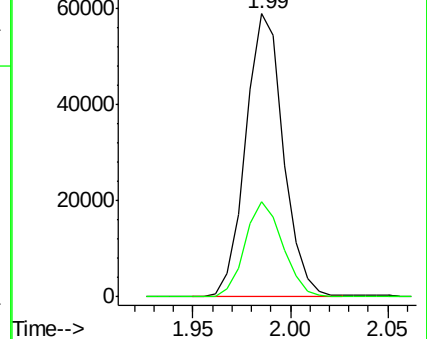
85 100

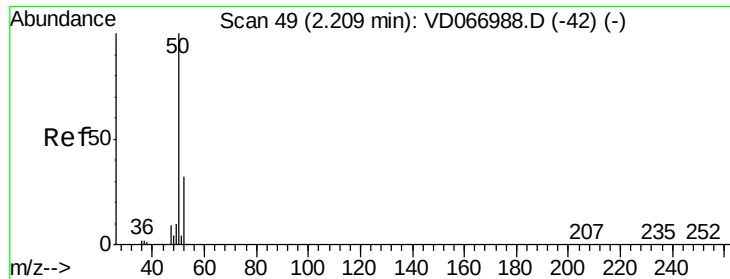
87 33.6 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.832 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

Tot Ion: 50 Resp: 57279

Ion Ratio Lower Upper

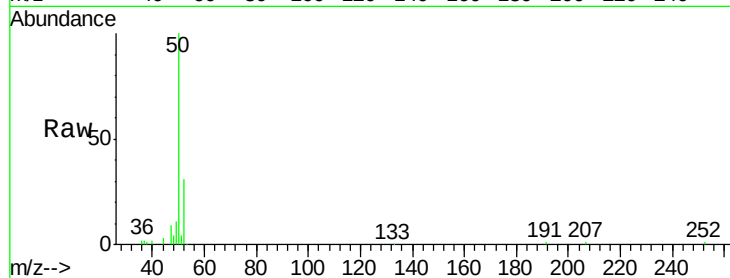
50 100

52 31.0 25.3 37.9

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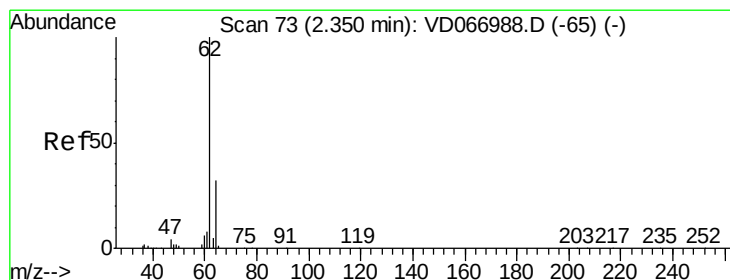
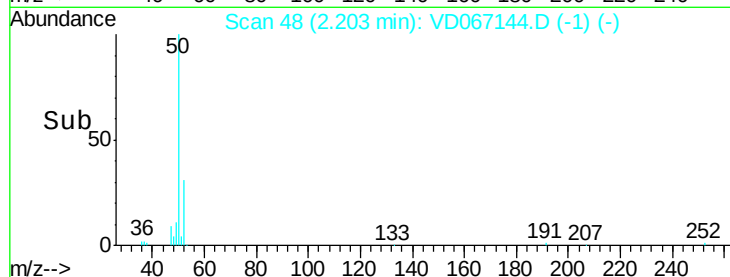
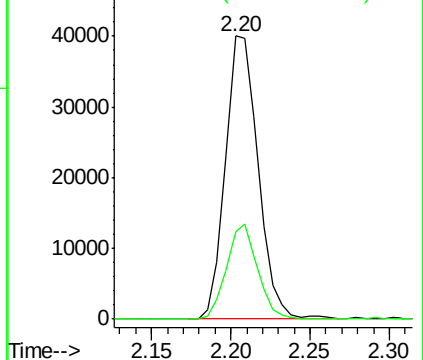
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.199 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067144.D

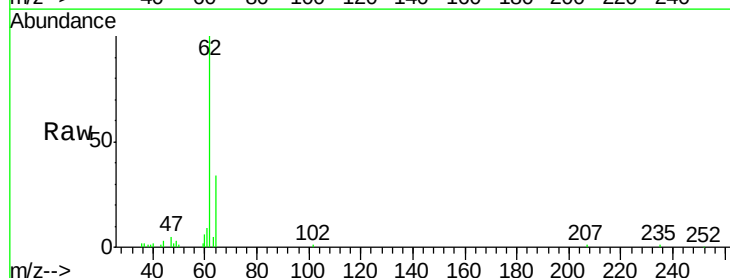
Acq: 07 Oct 2020 11:26

Tgt Ion: 62 Resp: 58495

Ion Ratio Lower Upper

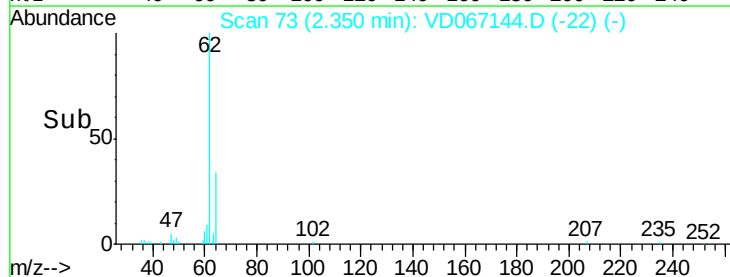
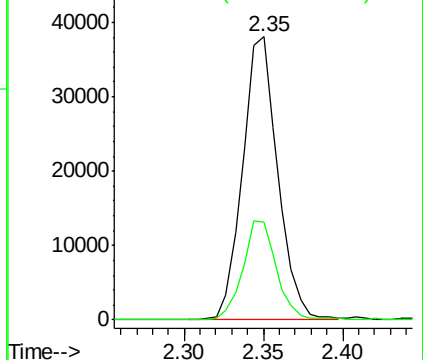
62 100

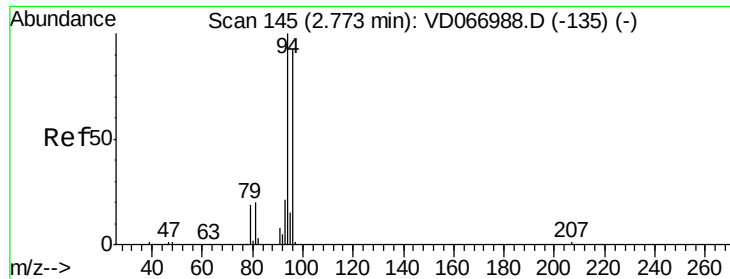
64 34.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.937 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

Tot Ion: 94 Resp: 43782

Ion Ratio Lower Upper

94 100

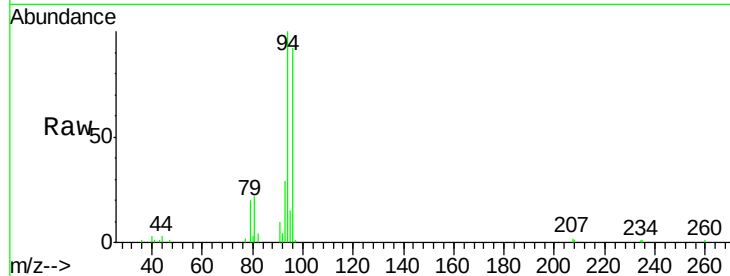
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Manual Integrations

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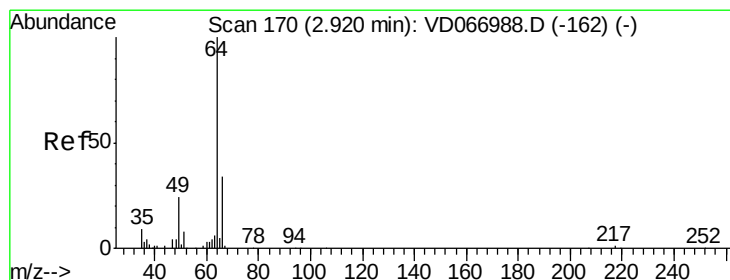
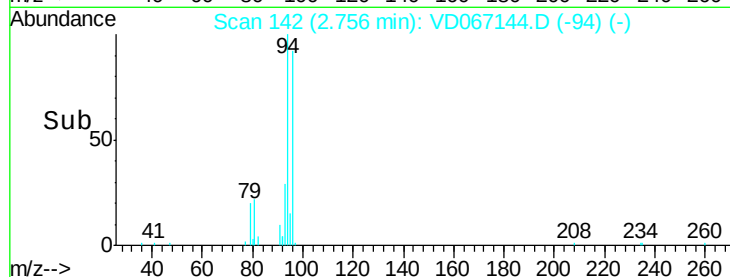
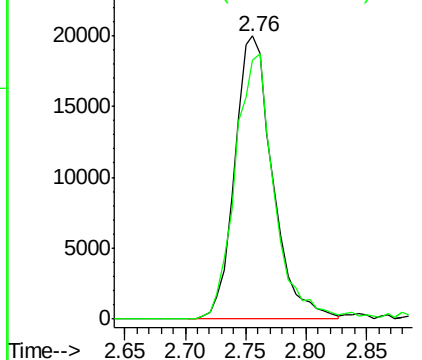
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.700 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067144.D

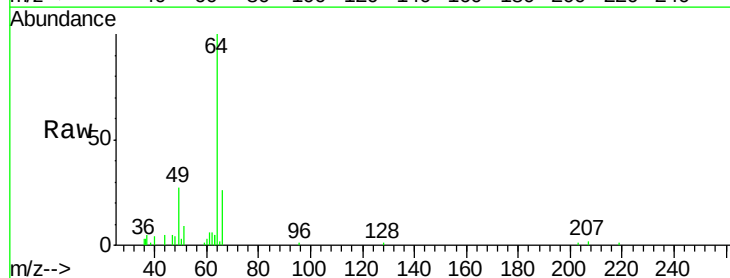
Acq: 07 Oct 2020 11:26

Tgt Ion: 64 Resp: 36508

Ion Ratio Lower Upper

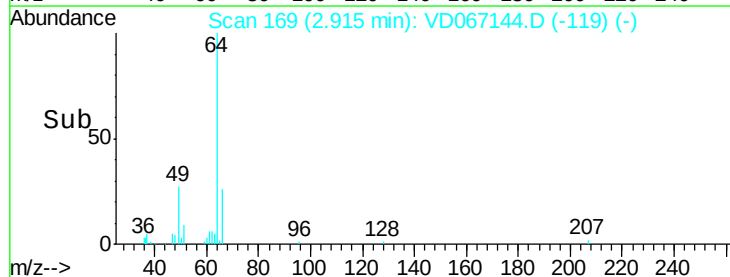
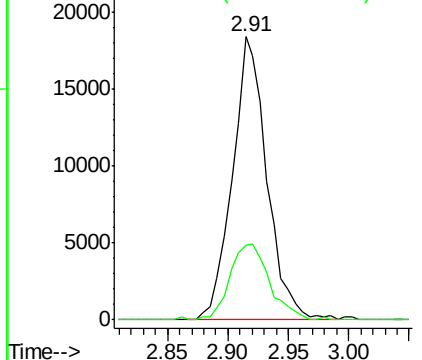
64 100

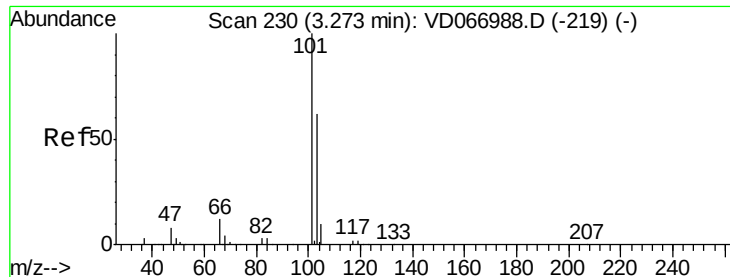
66 26.2 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

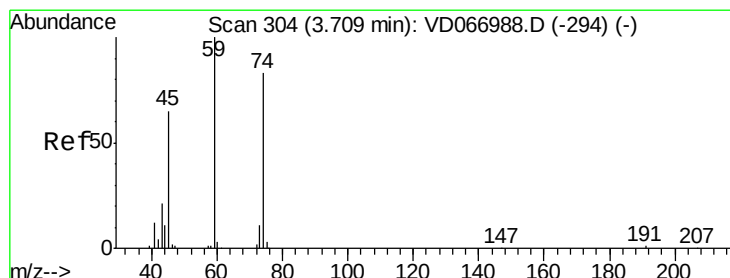
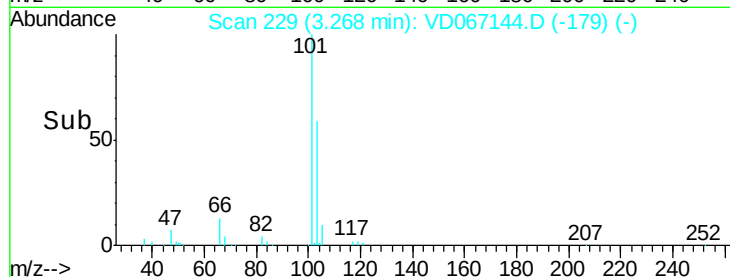
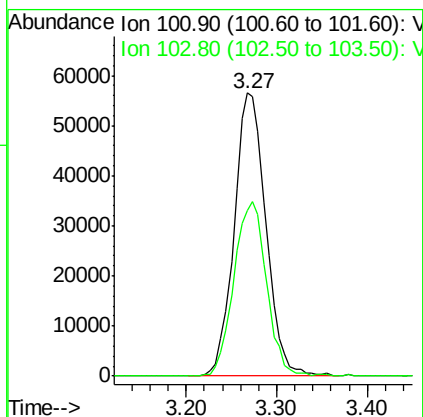
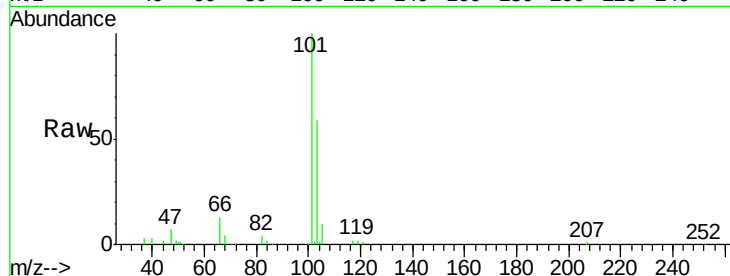
Trichlorofluoromethane
Concen: 21.374 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

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VD1007SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.7	49.8	74.8

Manual Integrations
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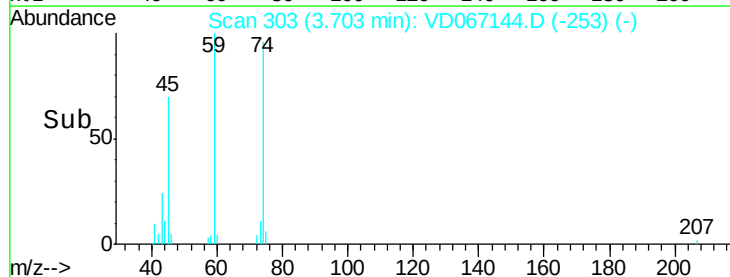
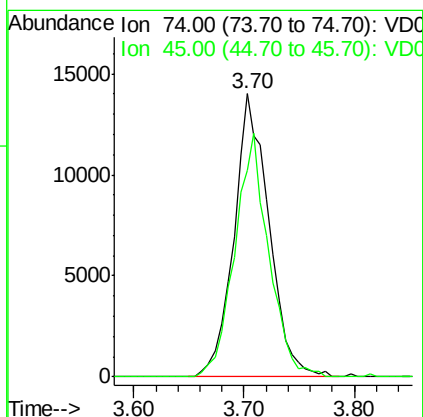
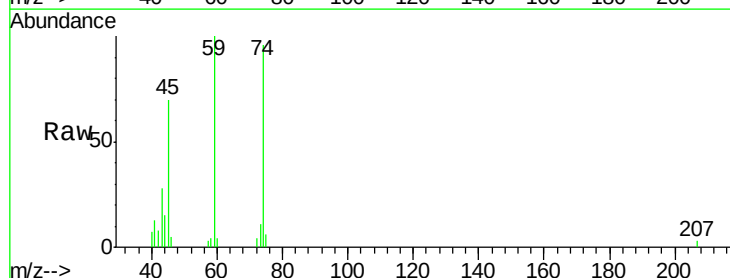
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10/8/2020 5:39:31 PM

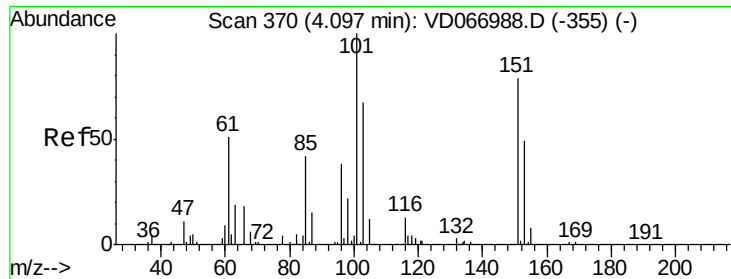


#8

Diethyl Ether
Concen: 19.523 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.6	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.695 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

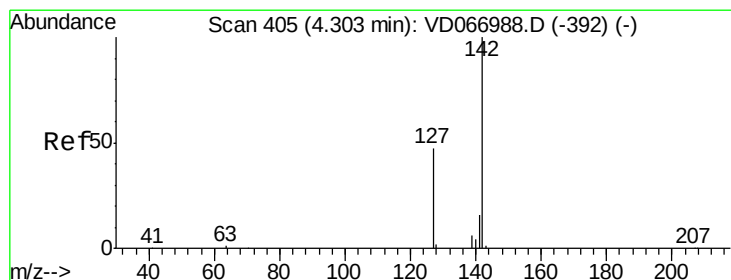
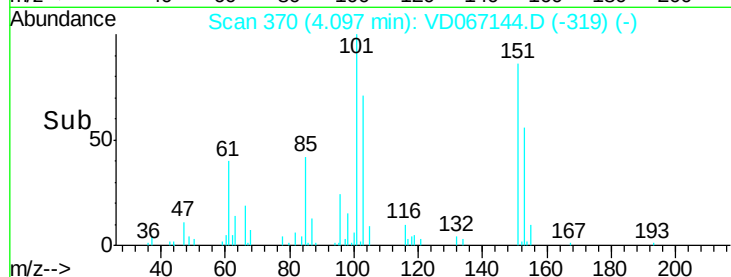
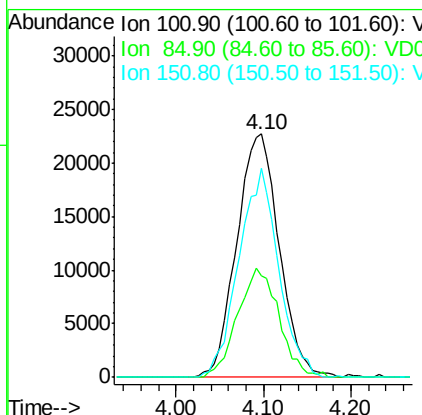
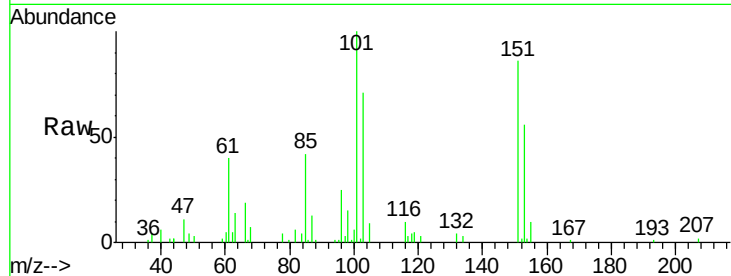
ClientSampleId :

VD1007SBS01

Tot Ion:	101	Resp:	75261
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.8	50.8
151	80.4	63.8	95.8

Manual Integrations
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10/8/2020 5:39:31 PM



#10

Methyl Iodide

Concen: 20.541 ug/l

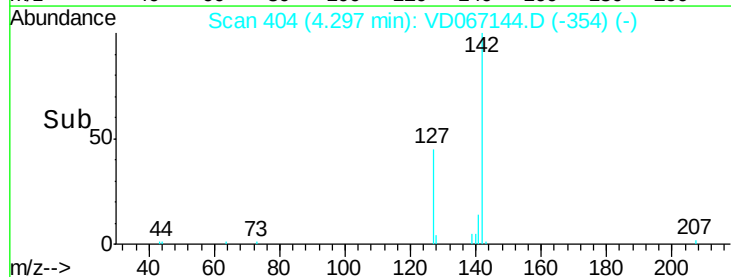
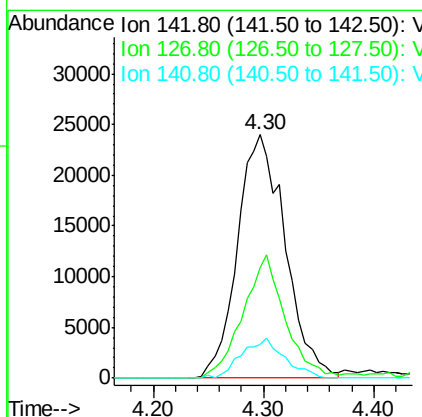
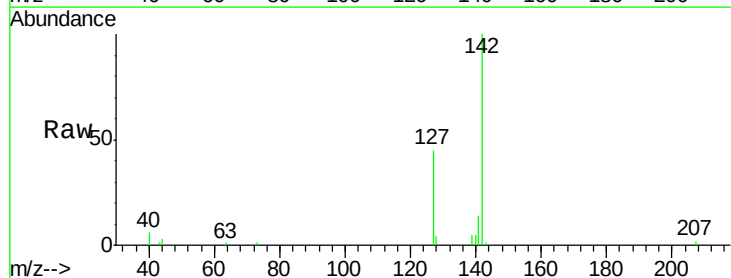
RT: 4.30 min Scan# 404

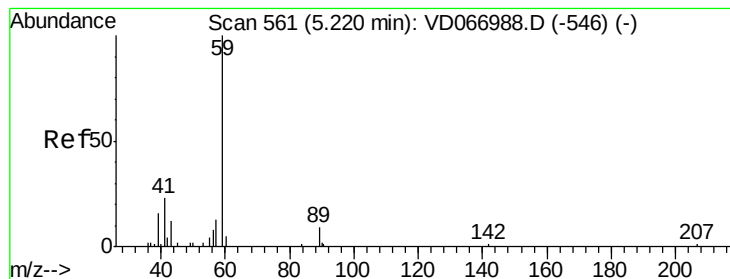
Delta R.T. -0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Tgt Ion:	142	Resp:	72583
Ion Ratio	Lower	Upper	
142	100		
127	44.8	36.3	54.5
141	14.7	12.0	18.0





#11

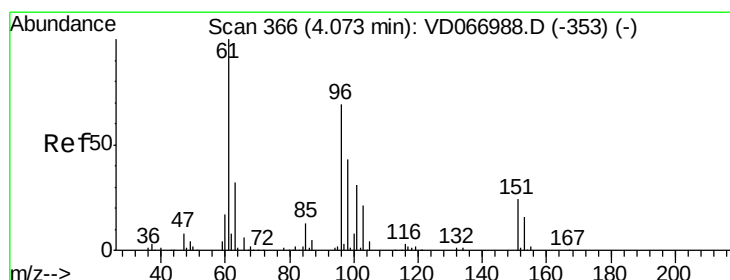
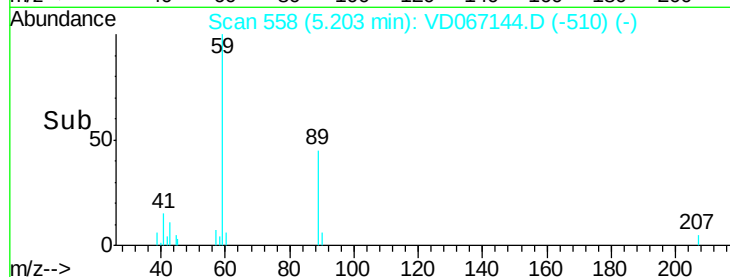
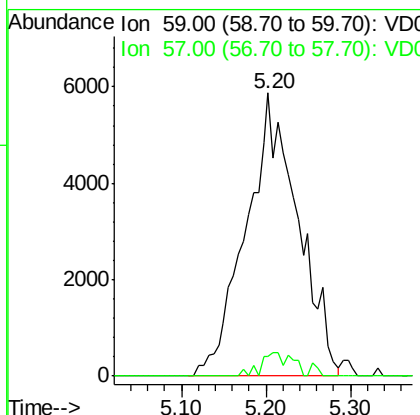
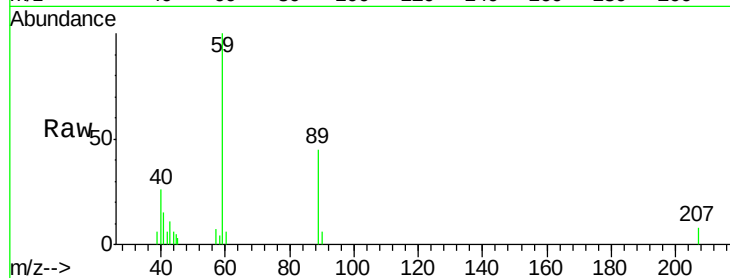
Tert butyl alcohol
 Concen: 91.478 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.2	8.2	12.4#

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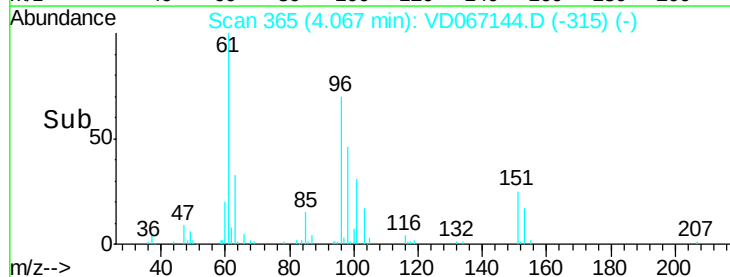
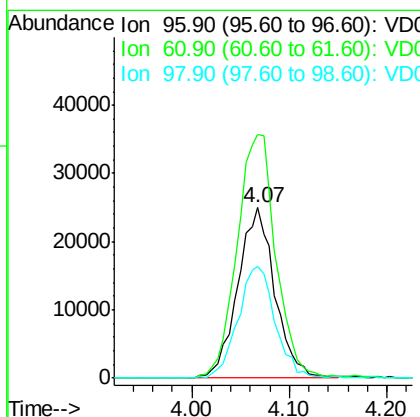
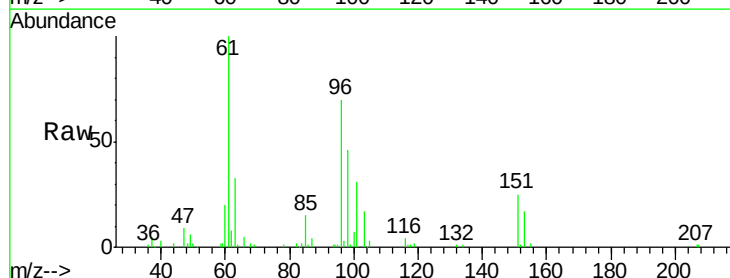
MMDadoda
 10/8/2020 5:39:31 PM

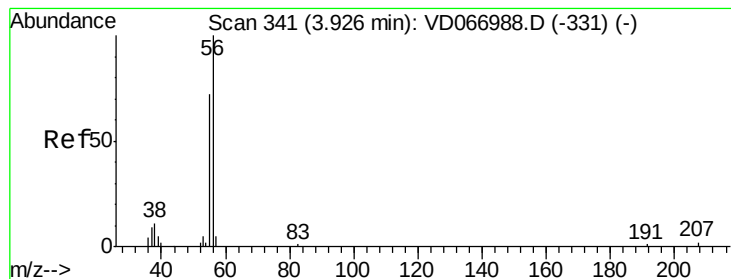


#12

1,1-Dichloroethene
 Concen: 19.410 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.8	116.4	174.6
98	65.8	49.9	74.9





#13

Acrolein

Concen: 88.627 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD01

Tot Ion: 56 Resp: 20730

Ion Ratio Lower Upper

56 100

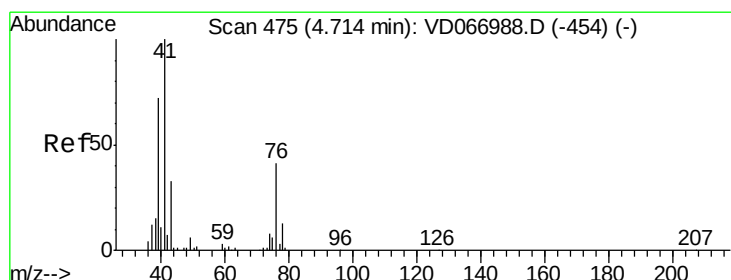
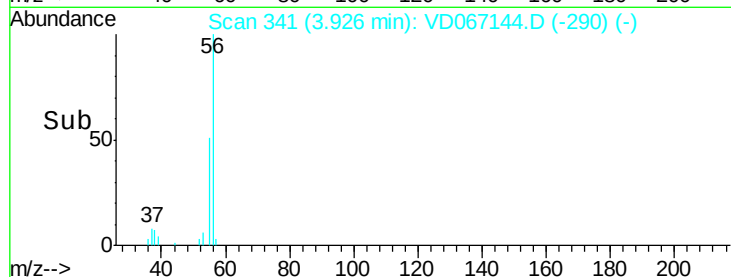
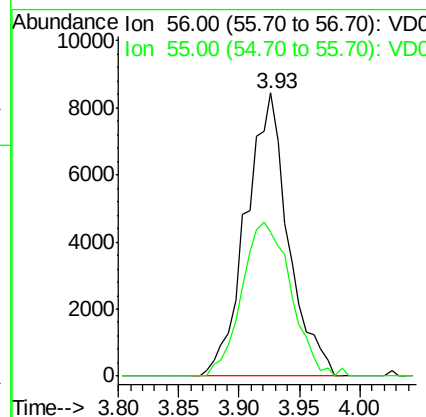
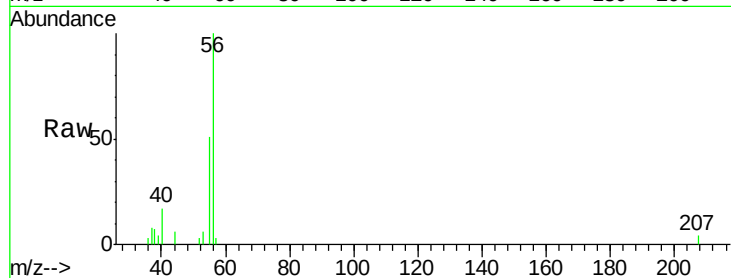
55 62.6 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 18.111 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

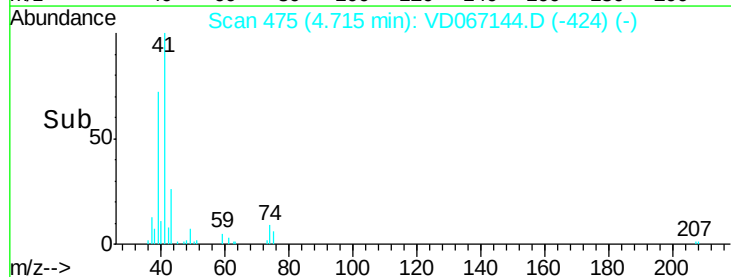
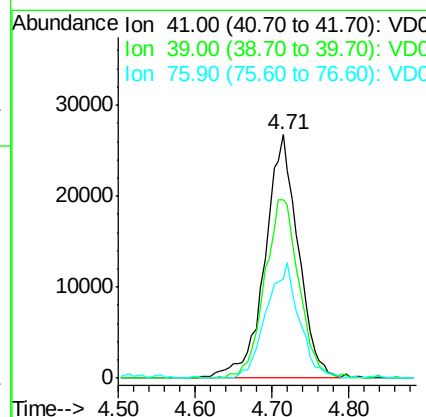
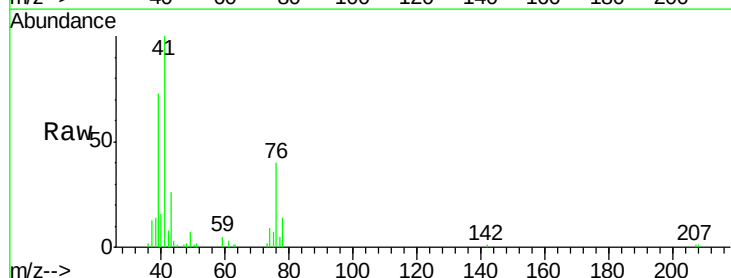
Tgt Ion: 41 Resp: 80436

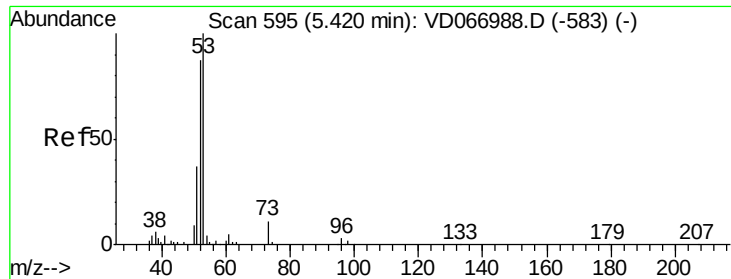
Ion Ratio Lower Upper

41 100

39 75.3 56.2 84.2

76 46.4 34.2 51.2





#15

Acrylonitrile

Concen: 91.513 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

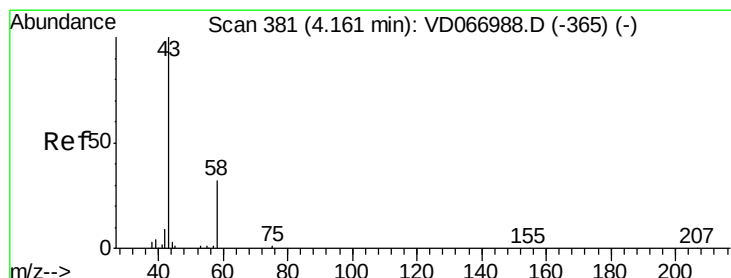
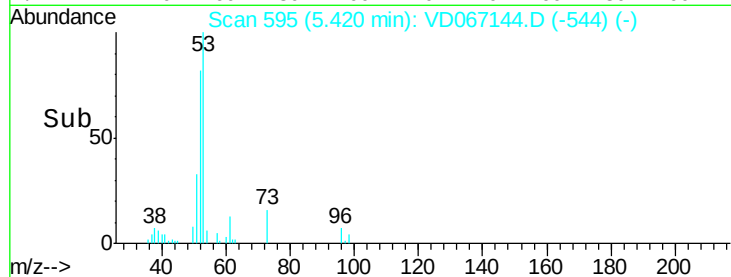
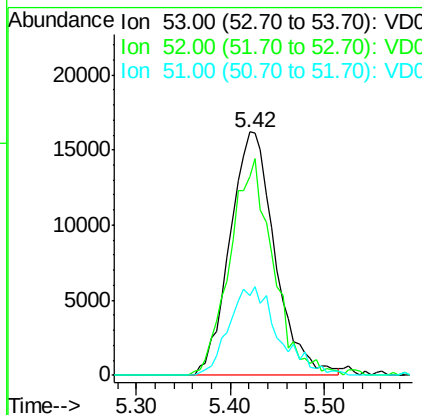
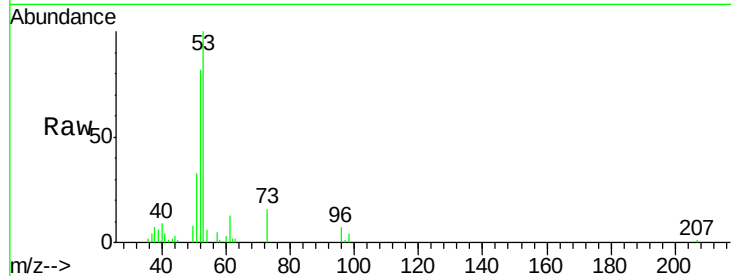
ClientSampleId :

VD1007SBS01

Tot Ion:	53	Resp:	53739
Ion	Ratio	Lower	Upper
53	100		
52	85.7	67.3	100.9
51	40.0	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 94.960 ug/l

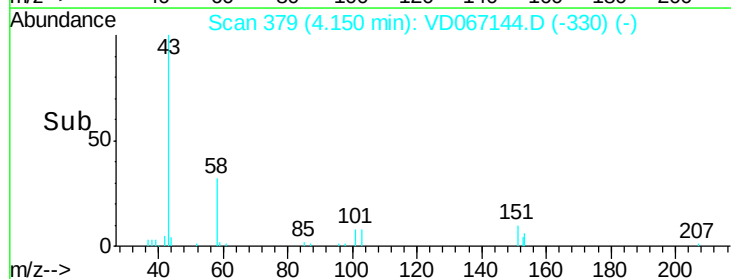
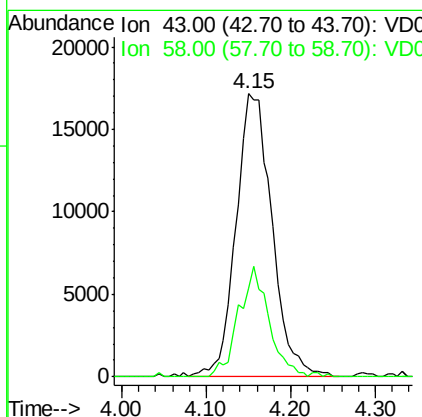
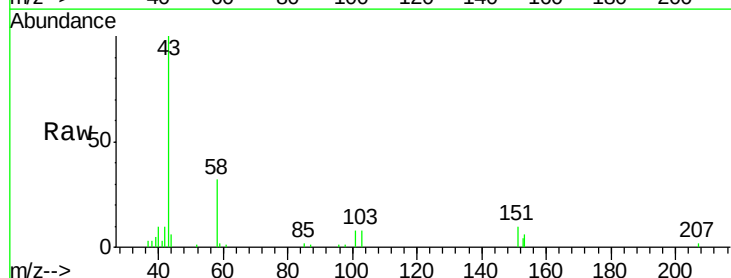
RT: 4.15 min Scan# 379

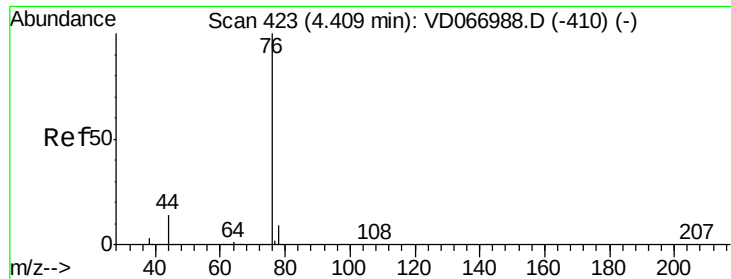
Delta R.T. -0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Tgt Ion:	43	Resp:	50636
Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.9	38.9





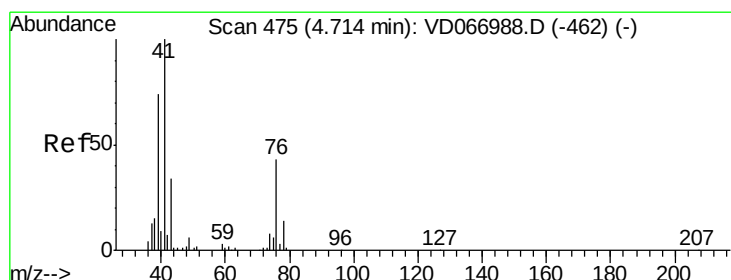
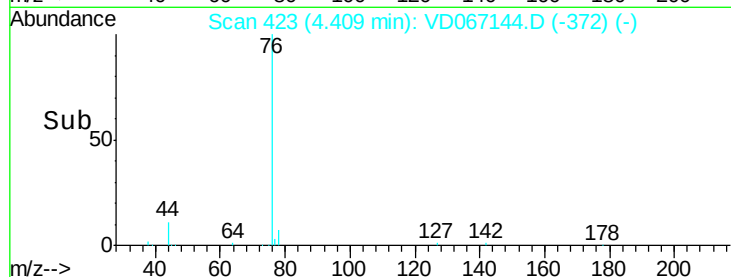
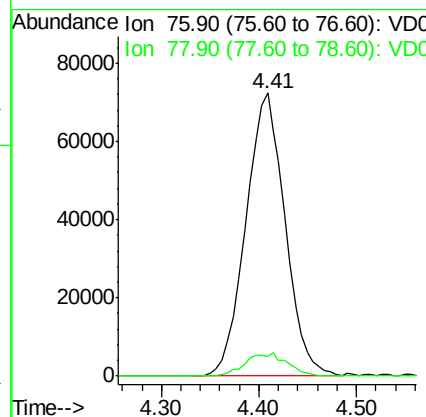
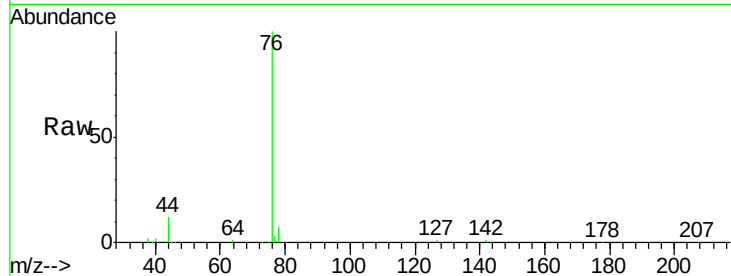
#17
Carbon Disulfide
Concen: 19.376 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	6.9	7.5	11.3#

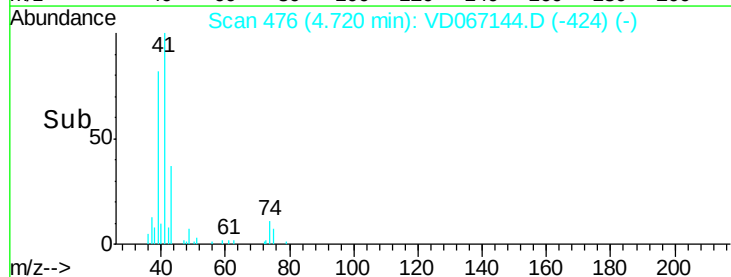
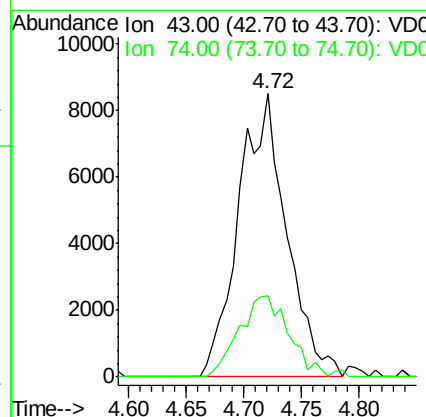
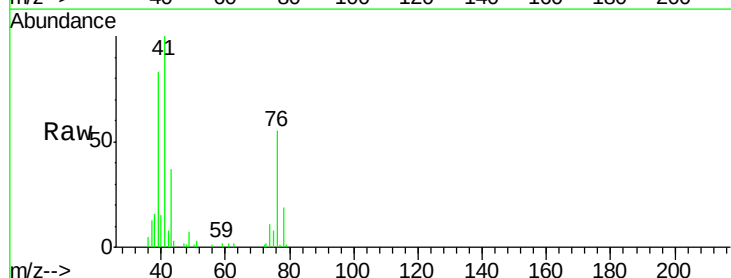
Manual Integrations
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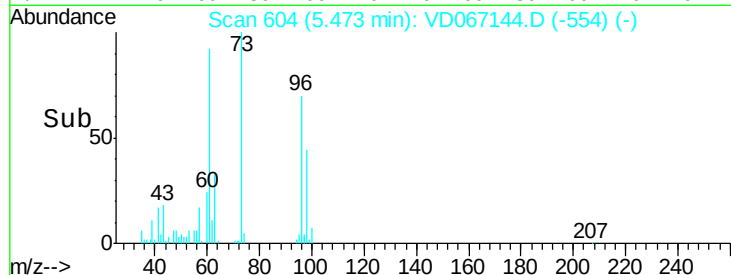
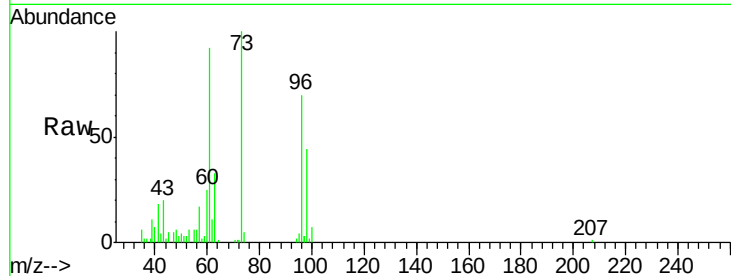
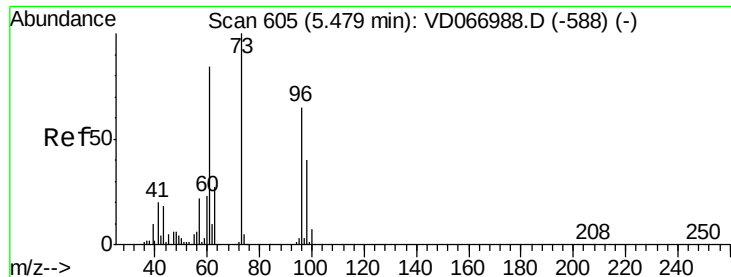
MMDadoda
10/8/2020 5:39:31 PM



#18
Methyl Acetate
Concen: 18.338 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.7	21.5	32.3





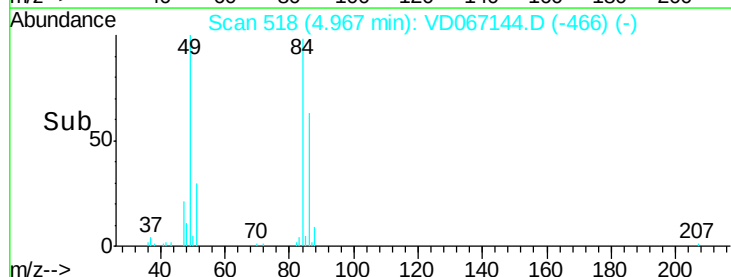
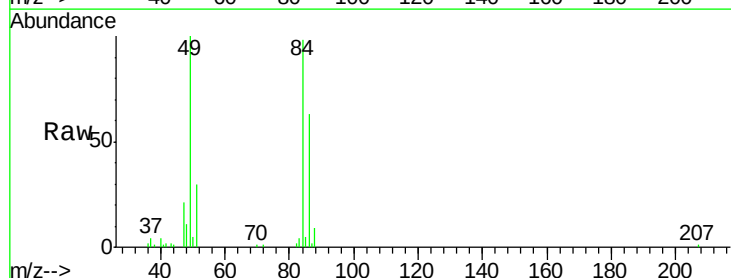
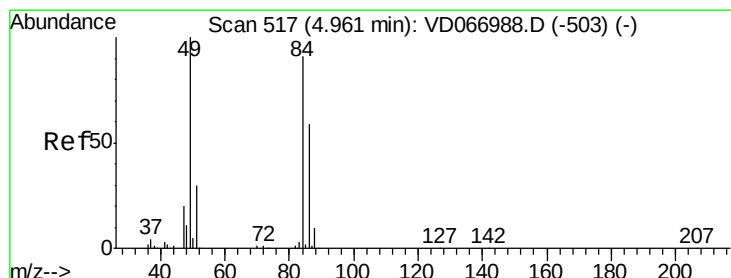
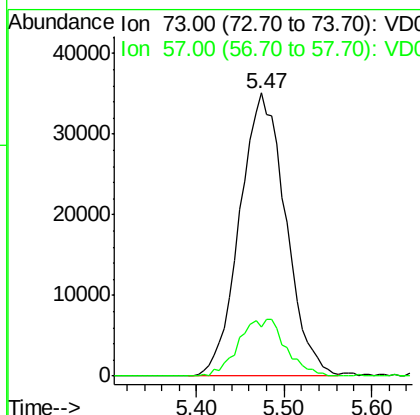
#19
Methyl tert-butyl Ether
Concen: 20.214 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tot Ion: 73 Resp: 126156
Ion Ratio Lower Upper
73 100
57 17.2 17.4 26.0#

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

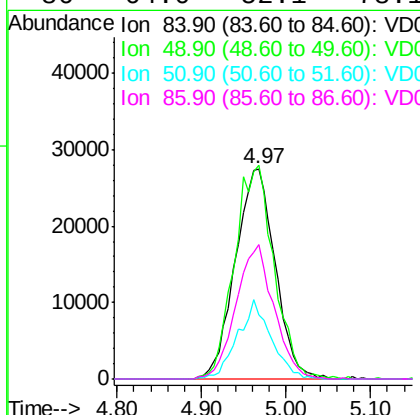
Manual Integrations
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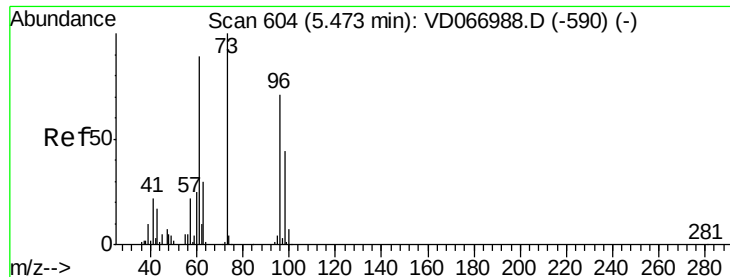
MMDadoda
10/8/2020 5:39:31 PM



#20
Methylene Chloride
Concen: 19.210 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 84 Resp: 89642
Ion Ratio Lower Upper
84 100
49 101.7 88.2 132.2
51 30.4 26.6 39.8
86 64.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.786 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

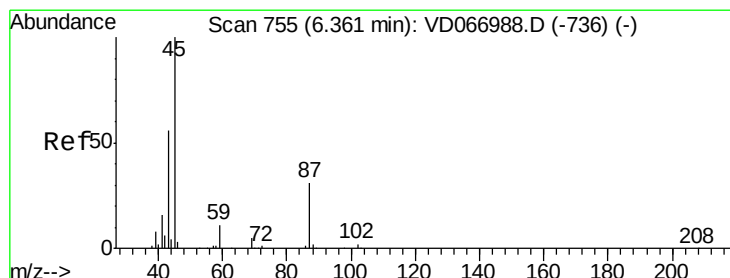
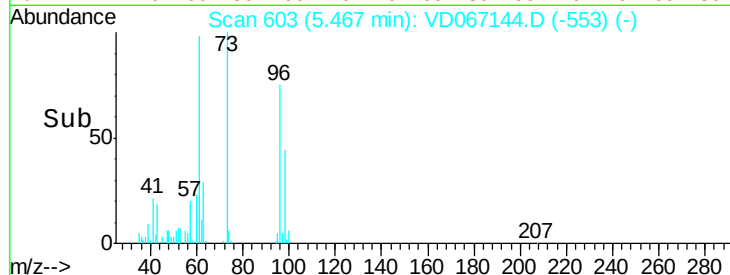
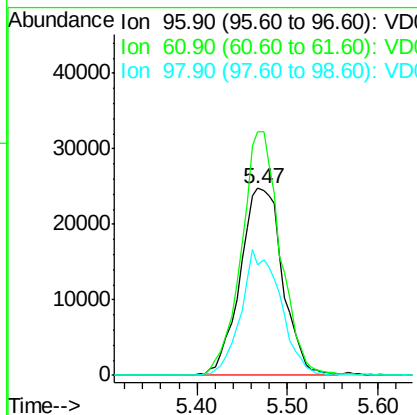
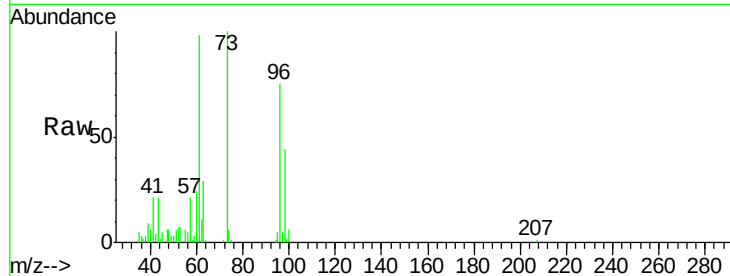
ClientSampleId :

VD1007SBS01

Tot Ion:	96	Resp:	80873
Ion	Ratio	Lower	Upper
96	100		
61	130.3	99.6	149.4
98	58.8	49.4	74.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.045 ug/l

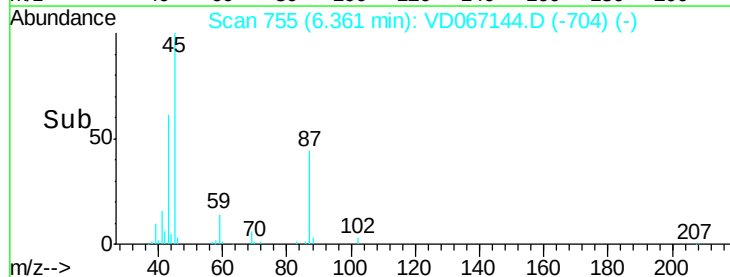
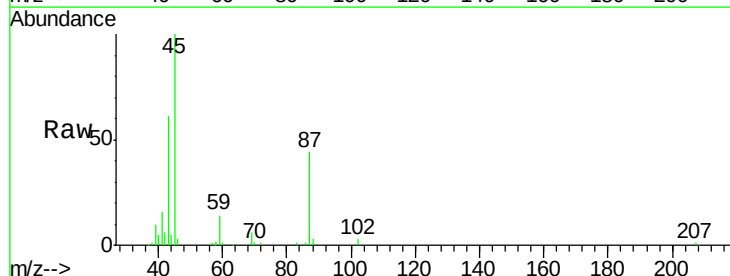
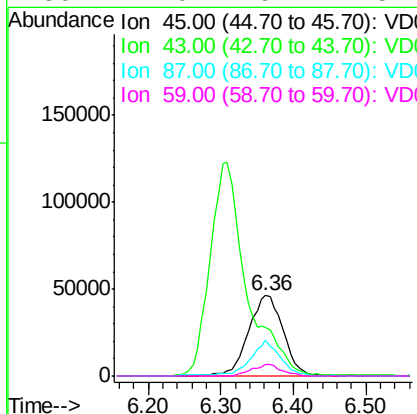
RT: 6.36 min Scan# 755

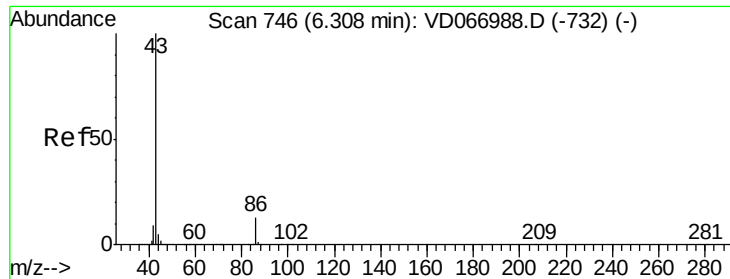
Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Tgt Ion:	45	Resp:	154423
Ion	Ratio	Lower	Upper
45	100		
43	60.1	45.2	67.8
87	43.9	25.6	38.4#
59	14.0	9.1	13.7#





#23

Vinyl Acetate

Concen: 93.612 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

Tot Ion: 43 Resp: 430108

Ion Ratio Lower Upper

43 100

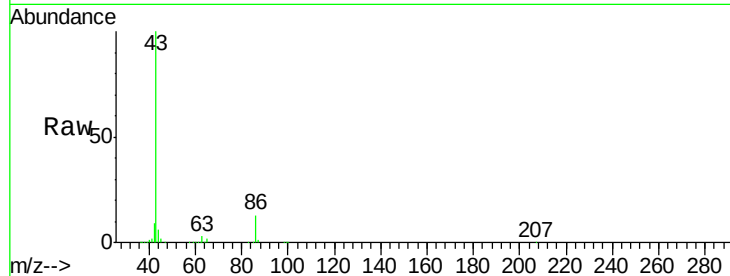
86 13.2 10.2 15.2

Manual Integrations

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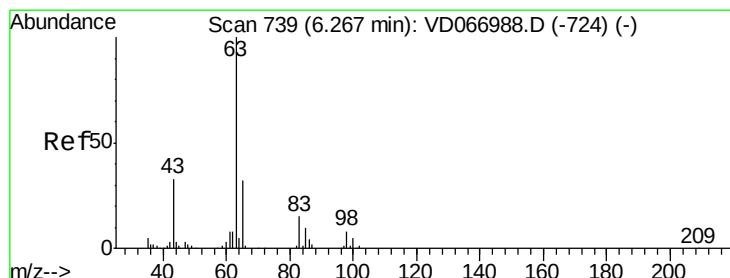
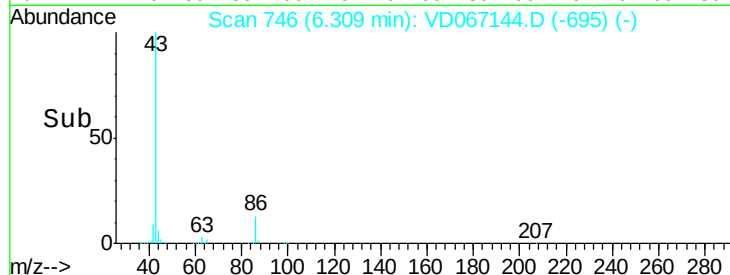
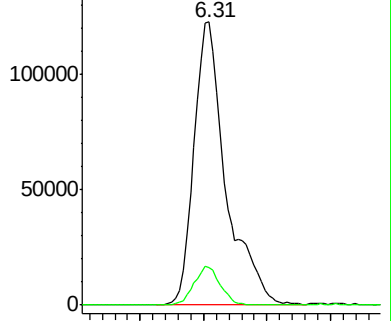
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.106 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

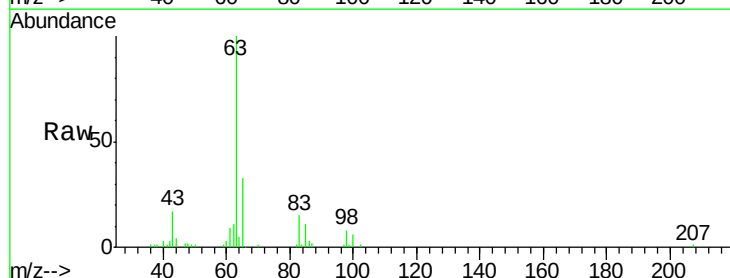
Tgt Ion: 63 Resp: 125814

Ion Ratio Lower Upper

63 100

98 7.8 4.2 12.6

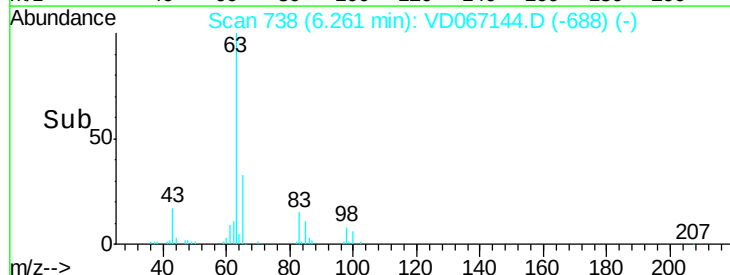
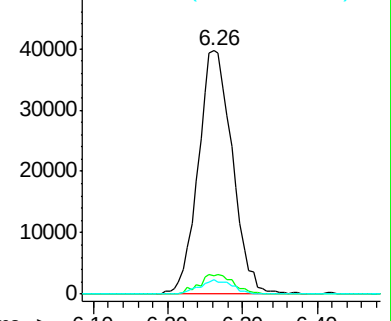
100 5.8 2.6 7.8

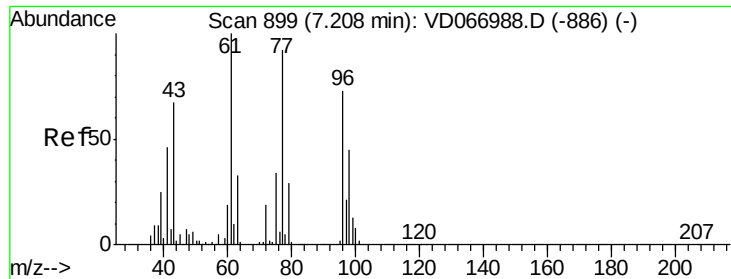


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 88.252 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

Tot Ion: 43 Resp: 66719

Ion Ratio Lower Upper

43 100

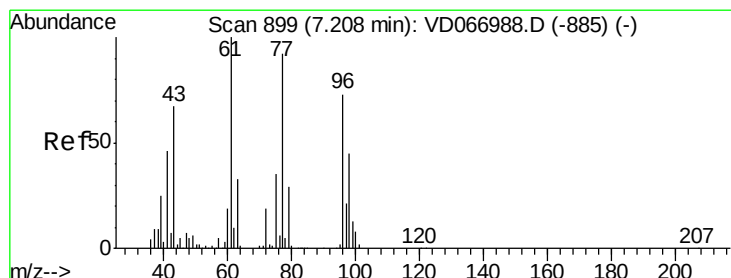
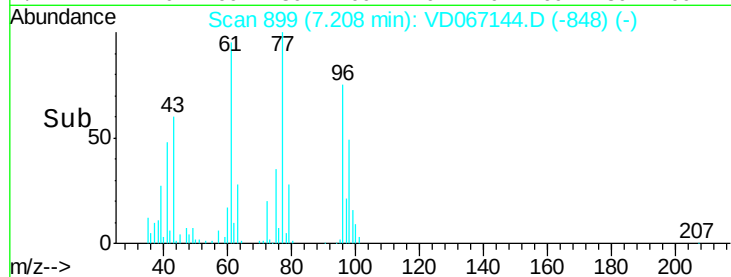
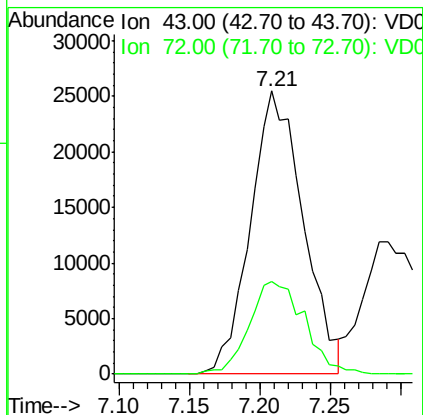
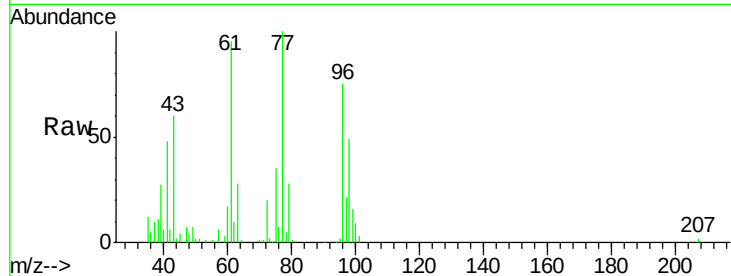
72 32.8 22.8 34.2

Manual Integrations

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MMDadoda

10/8/2020 5:39:31 PM



#26

2,2-Dichloropropane

Concen: 19.949 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067144.D

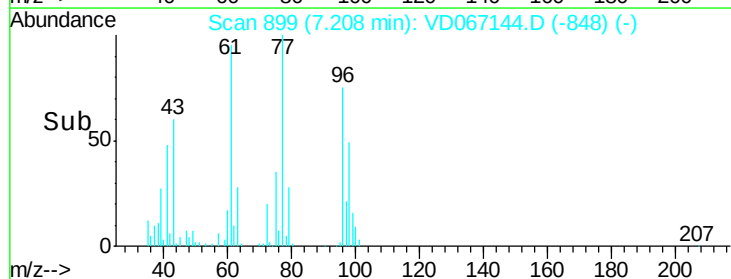
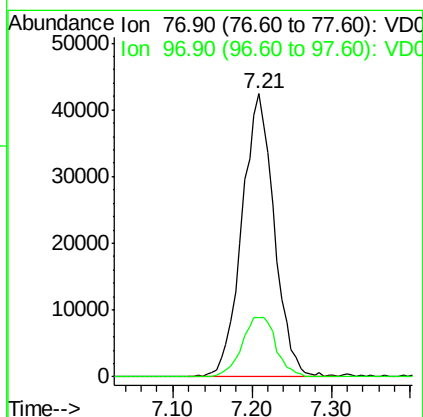
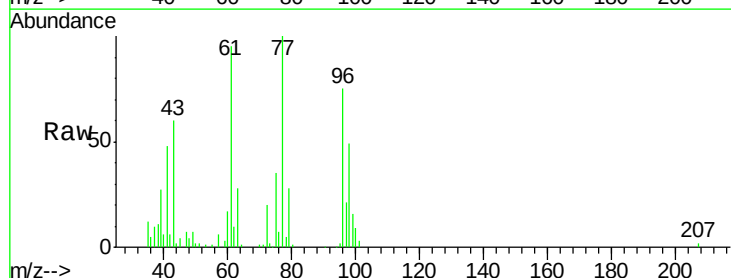
Acq: 07 Oct 2020 11:26

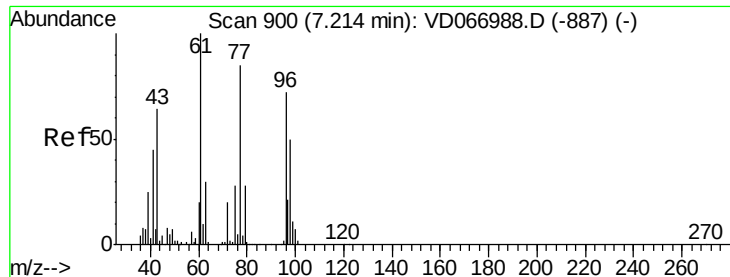
Tgt Ion: 77 Resp: 120009

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.2





#27

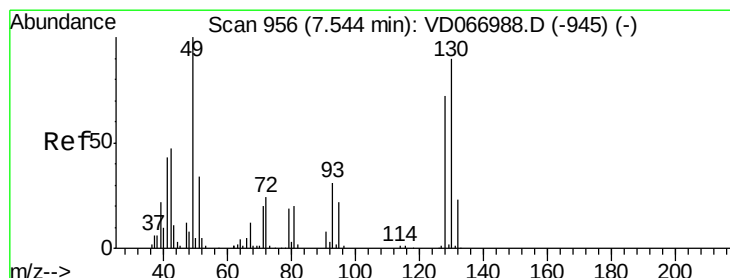
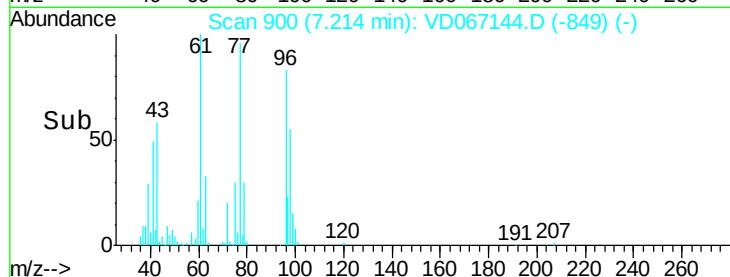
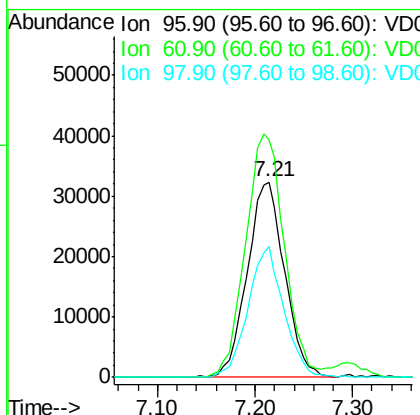
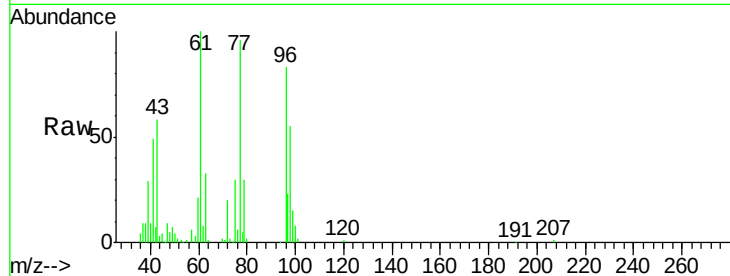
cis-1,2-Dichloroethene
Concen: 20.892 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	269.2
98	64.2	0.0	129.4

Manual Integrations
APPROVED

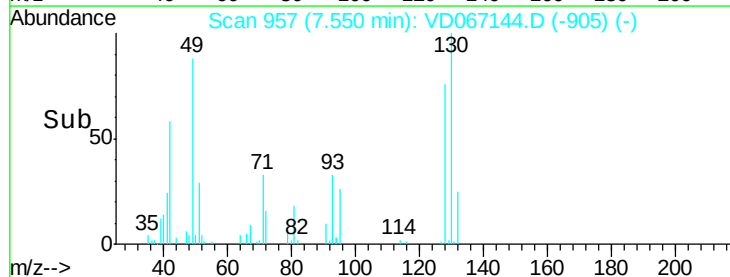
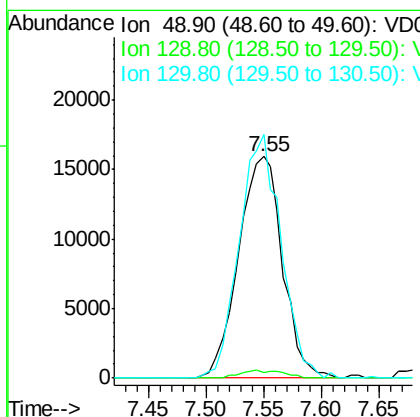
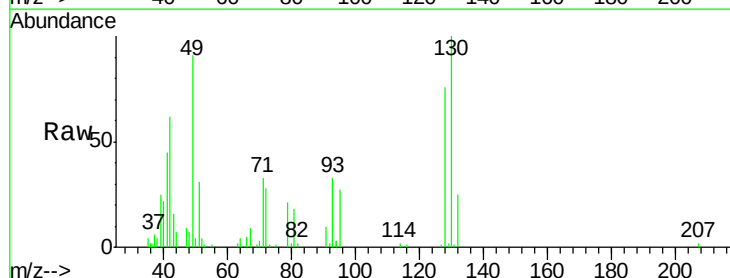
MMDadoda
10/8/2020 5:39:31 PM

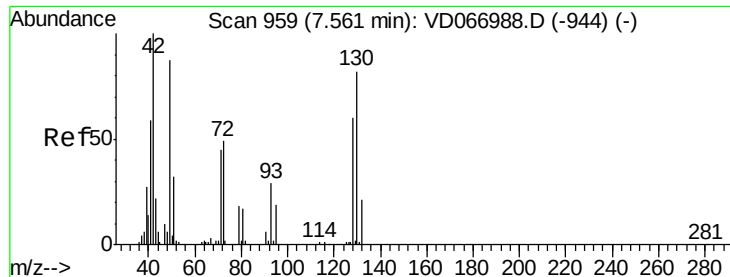


#28

Bromochloromethane
Concen: 17.411 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	104.9	74.1	111.1





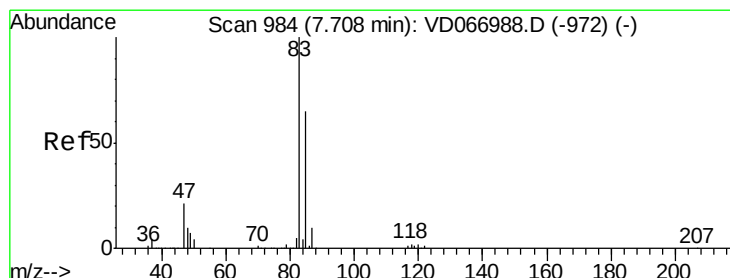
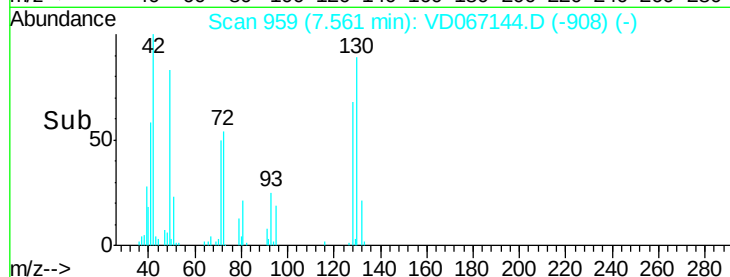
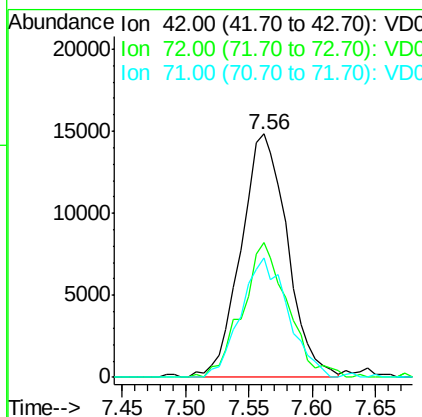
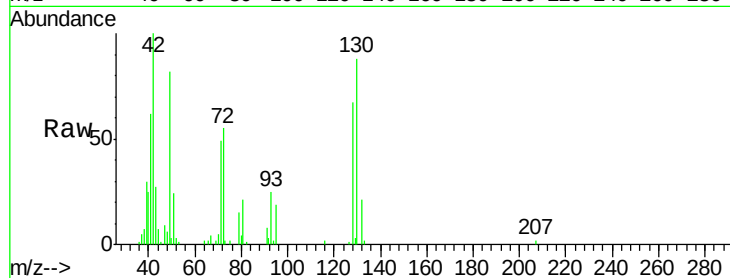
#29
Tetrahydrofuran
Concen: 86.842 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.3	39.1	58.7
71	49.8	34.2	51.4

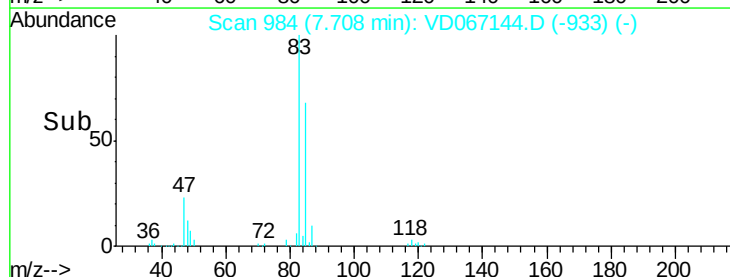
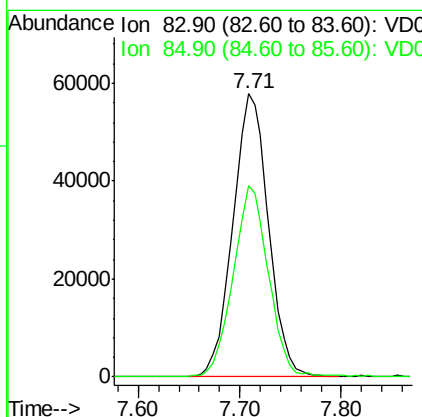
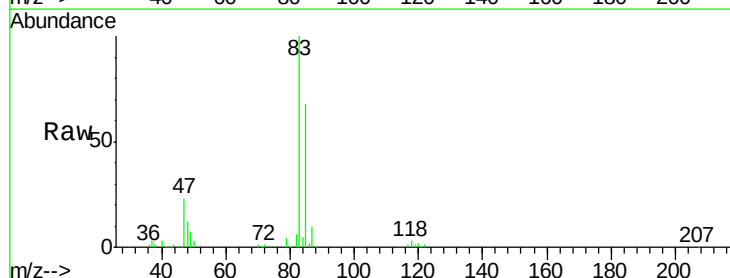
Manual Integrations
APPROVED

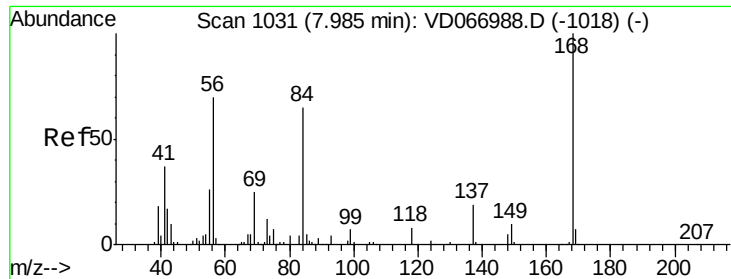
MMDadoda
10/8/2020 5:39:31 PM



#30
Chloroform
Concen: 20.757 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	52.3	78.5





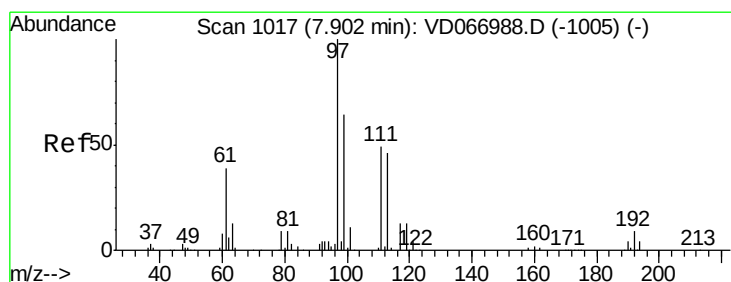
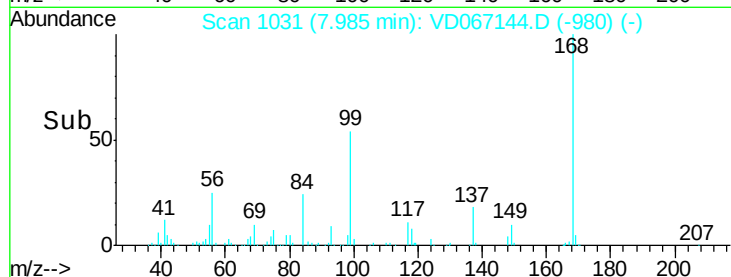
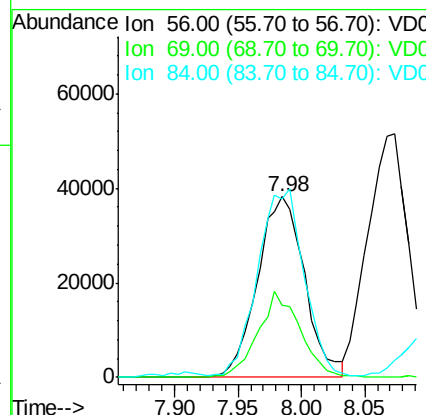
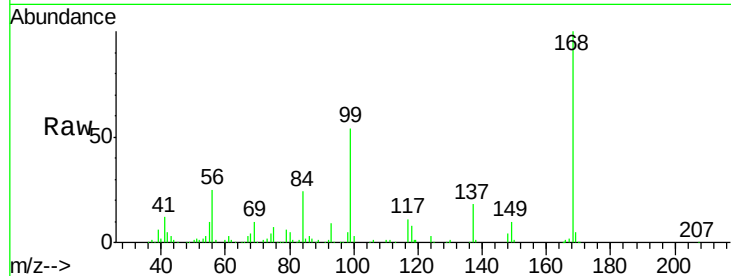
#31
Cyclohexane
Concen: 18.889 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.2	29.0	43.6
84	96.2	74.2	111.2

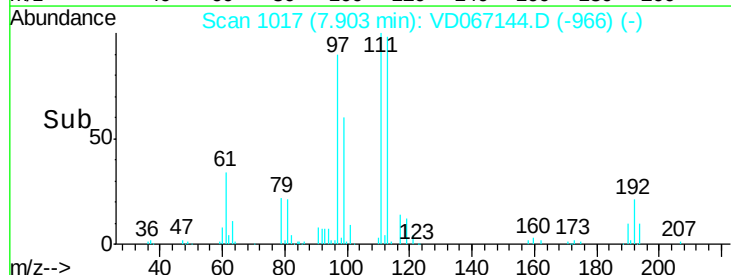
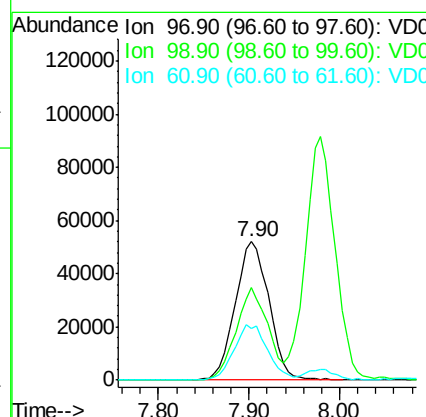
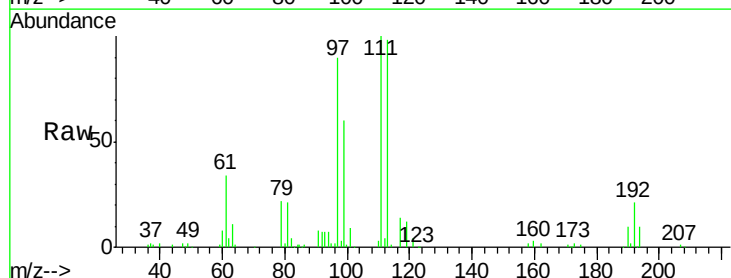
Manual Integrations
APPROVED

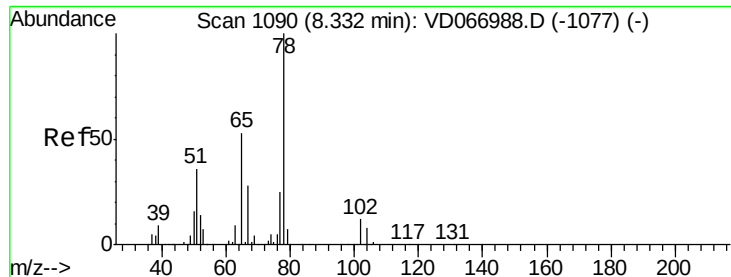
MMDadoda
10/8/2020 5:39:31 PM



#32
1,1,1-Trichloroethane
Concen: 21.403 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.6	78.8
61	39.8	32.8	49.2





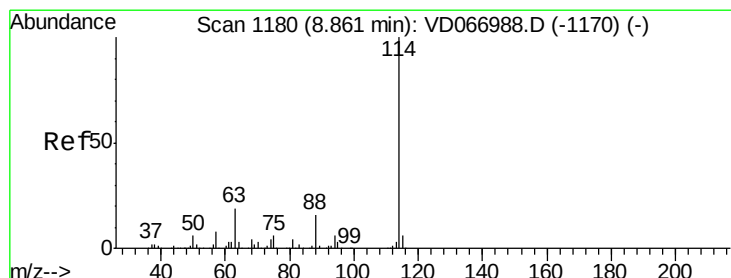
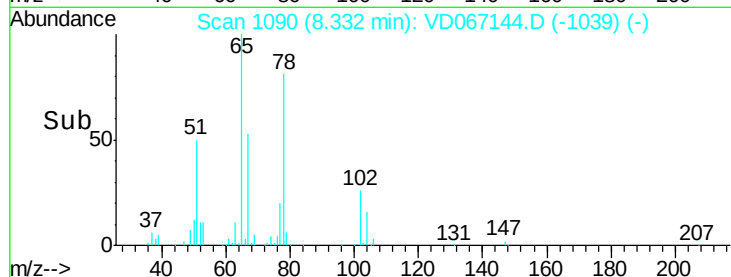
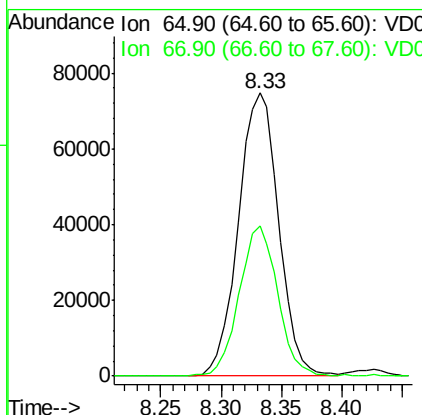
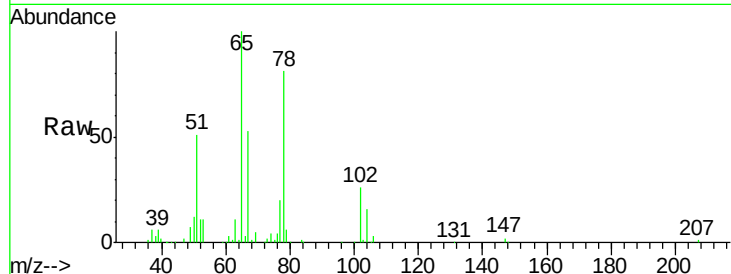
#33
 1,2-Dichloroethane-d4
 Concen: 49.750 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	173785		
67	50.8	0.0	106.8	

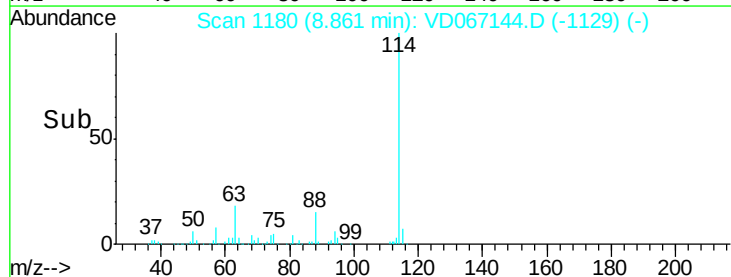
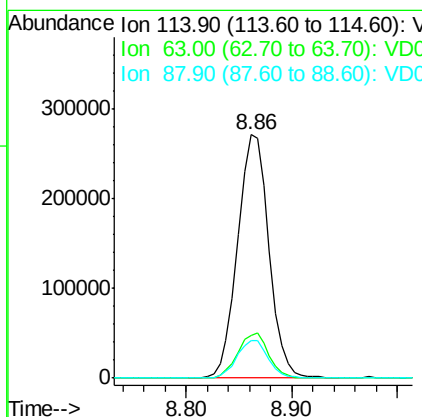
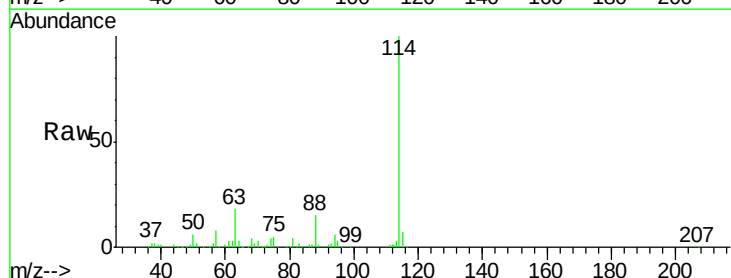
Manual Integrations
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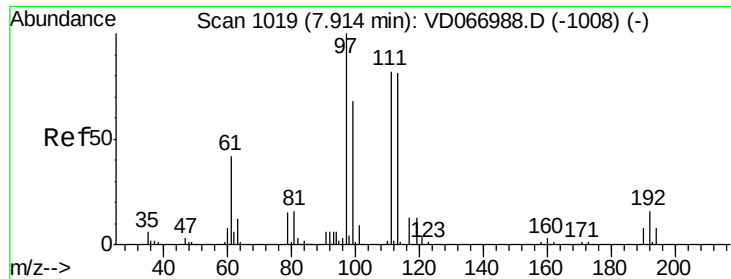
MMDadoda
 10/8/2020 5:39:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	557243		
63	17.7	0.0	38.4	
88	15.5	0.0	31.2	





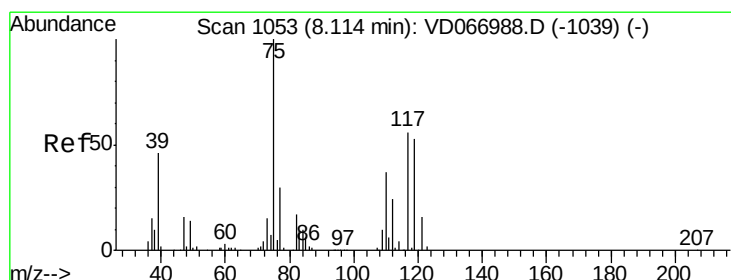
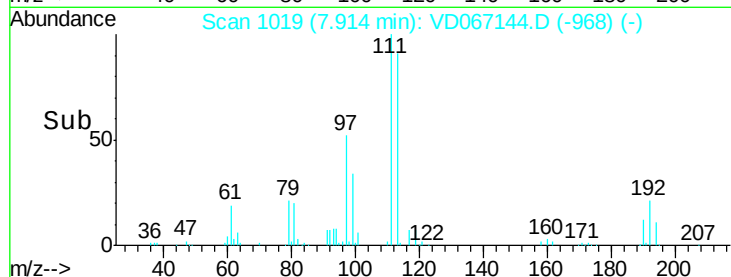
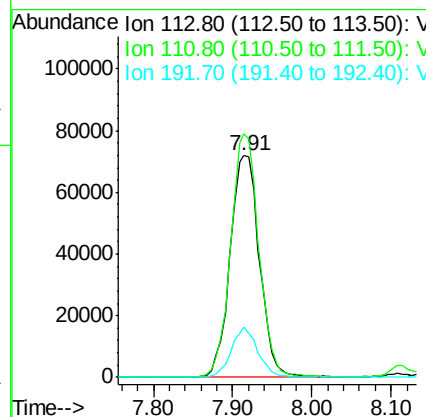
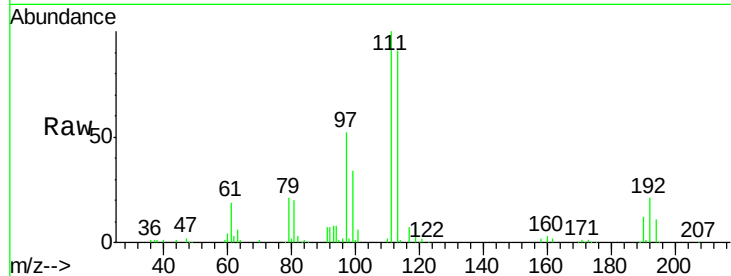
#35
Dibromofluoromethane
Concen: 50.387 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	183821		
111	105.6	83.0	124.4	
192	20.3	15.5	23.3	

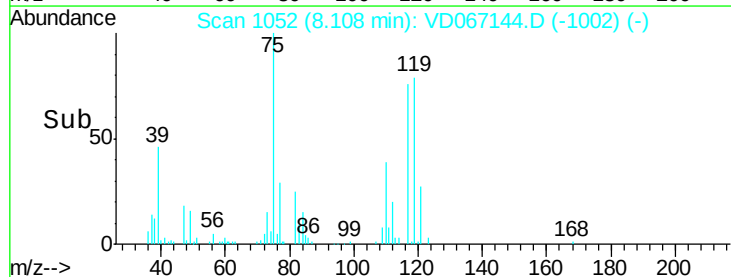
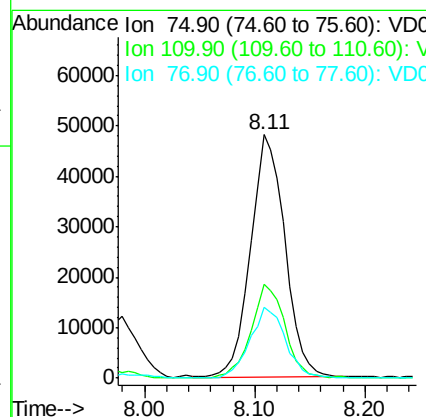
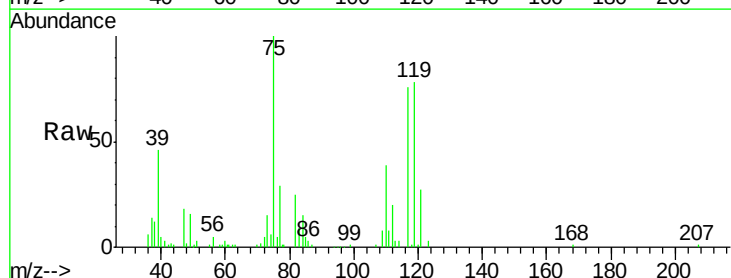
Manual Integrations
APPROVED

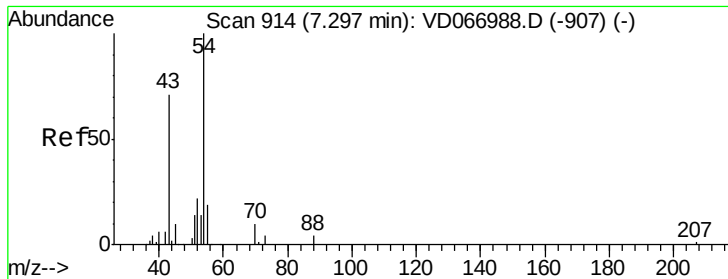
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#36
1,1-Dichloropropene
Concen: 20.259 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	105226		
110	38.2	18.4	55.0	
77	30.1	24.8	37.2	





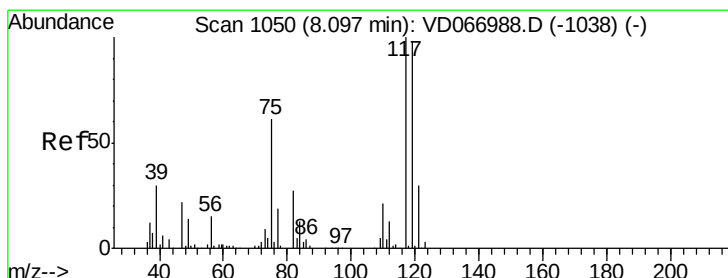
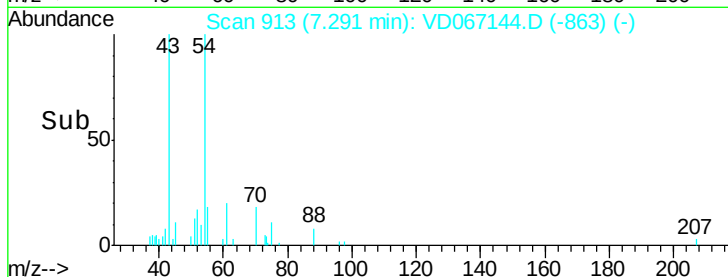
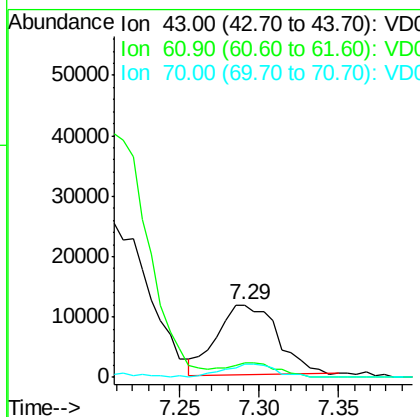
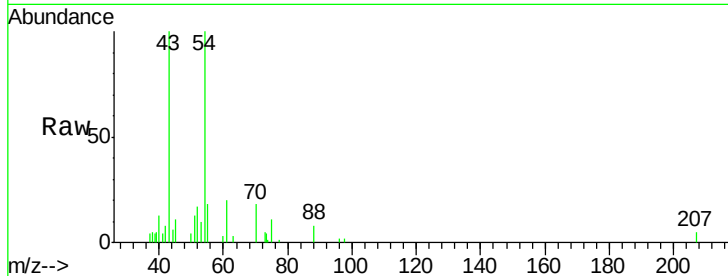
#37
Ethyl Acetate
Concen: 16.941 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	12.5	18.7
70	16.2	9.4	14.0

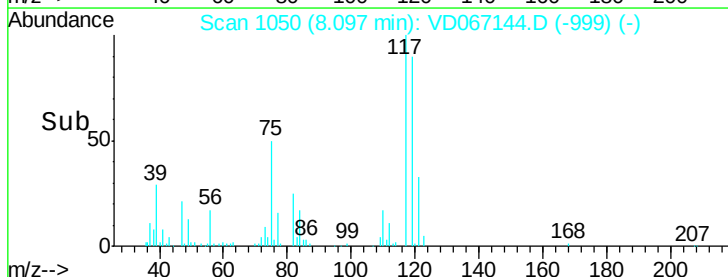
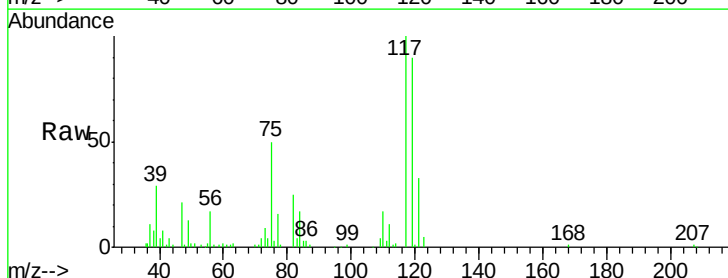
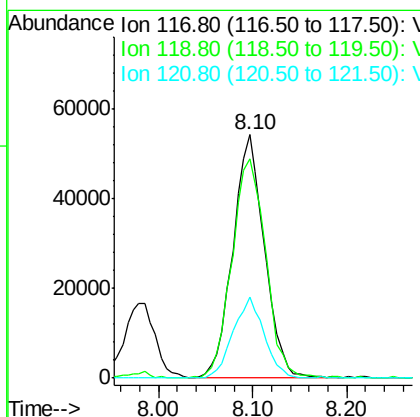
Manual Integrations
APPROVED

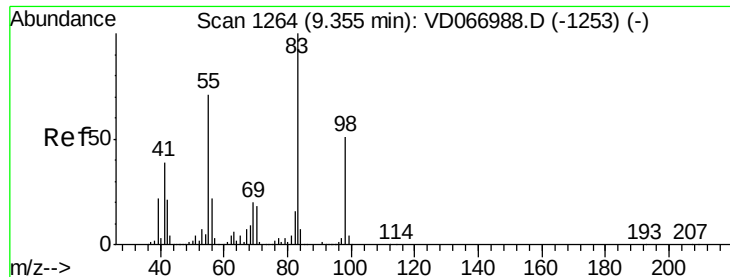
MMDadoda
10/8/2020 5:39:31 PM



#38
Carbon Tetrachloride
Concen: 22.575 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.2	78.7	118.1
121	33.4	24.2	36.2





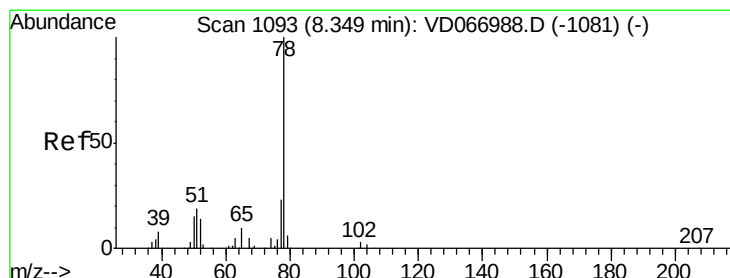
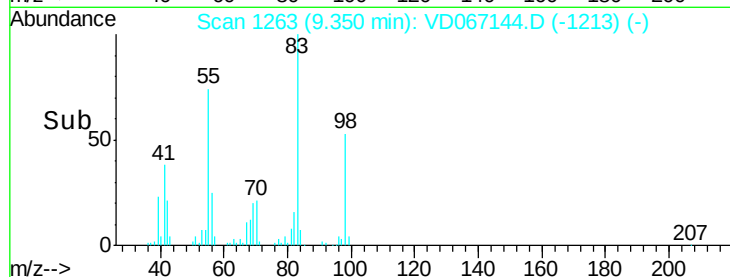
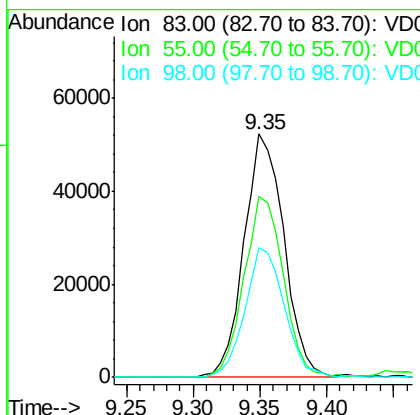
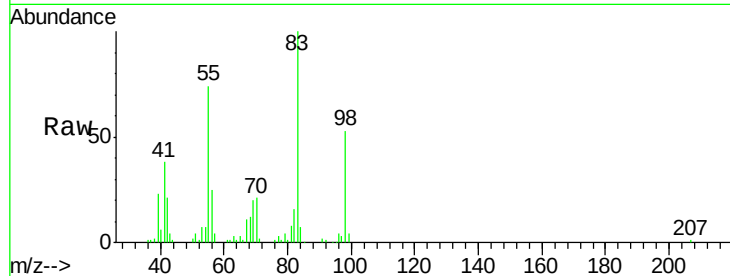
#39
Methylvlcyclohexane
Concen: 19.687 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	57.1	85.7
98	53.2	40.9	61.3

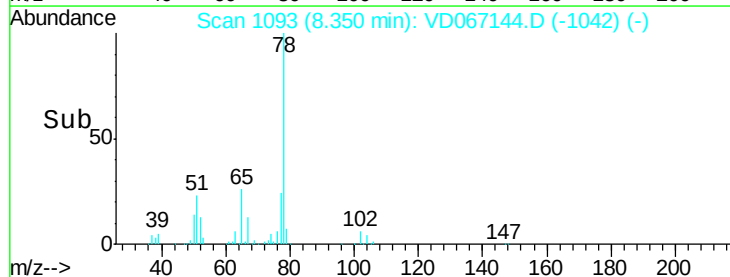
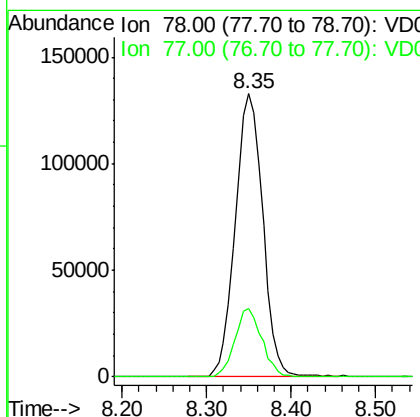
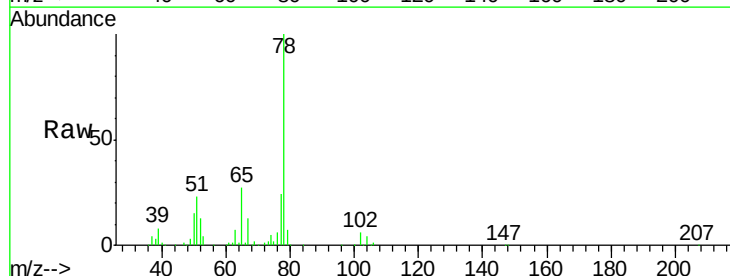
Manual Integrations
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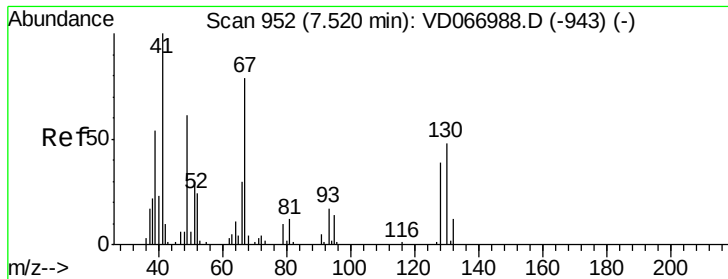
MMDadoda
10/8/2020 5:39:31 PM



#40
Benzene
Concen: 20.717 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.4	27.6





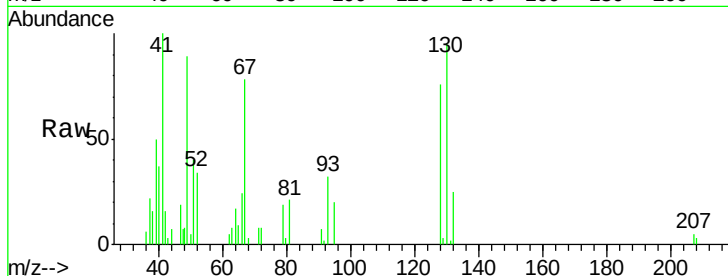
#41
Methacrylonitrile
Concen: 22.029 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

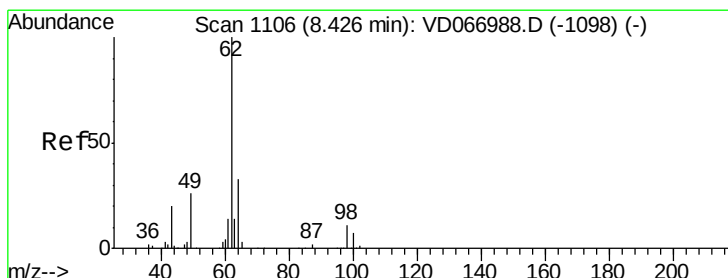
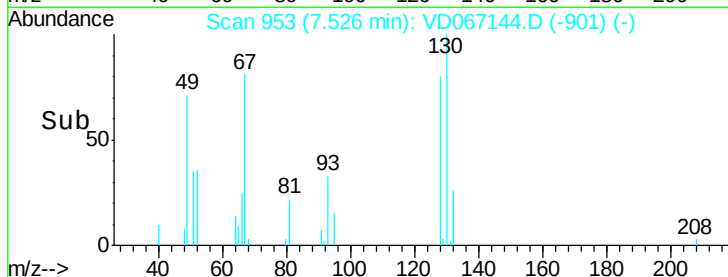
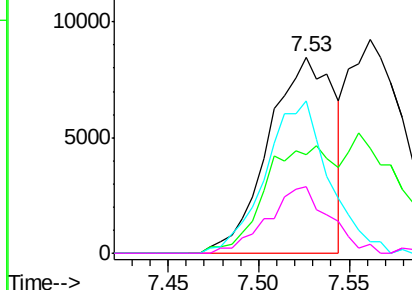
Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	58.1	0.0	0.0	#
67	75.2	0.0	0.0	#
52	31.8	0.0	0.0	#

Manual Integrations
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MMDadoda
10/8/2020 5:39:31 PM

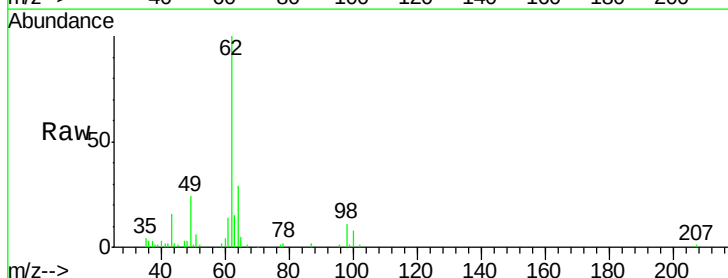


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

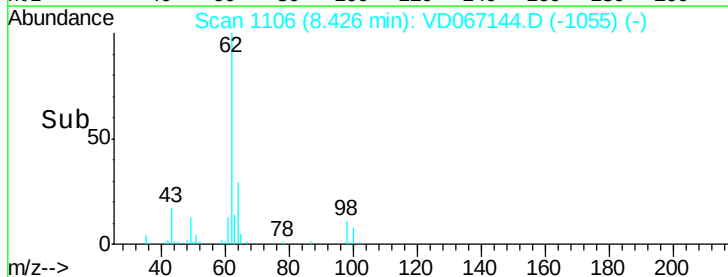
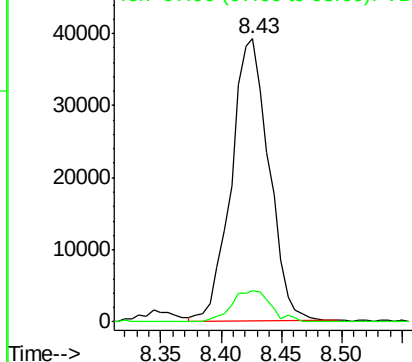


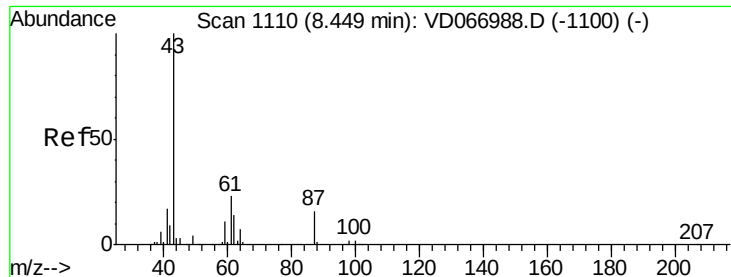
#42
1,2-Dichloroethane
Concen: 21.122 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	11.7	0.0	22.6	



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.578 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

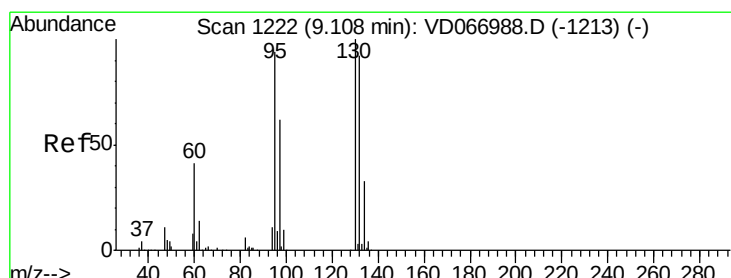
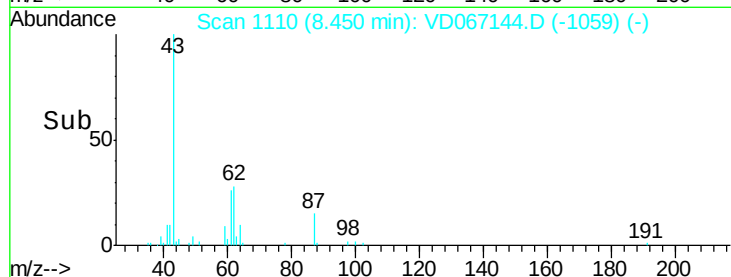
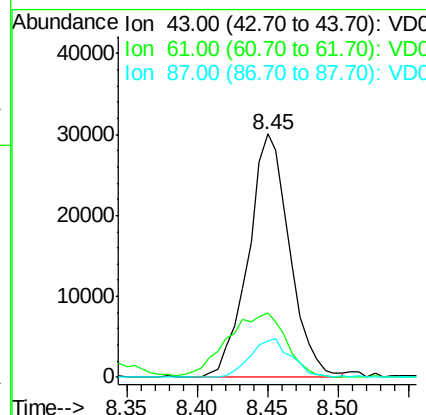
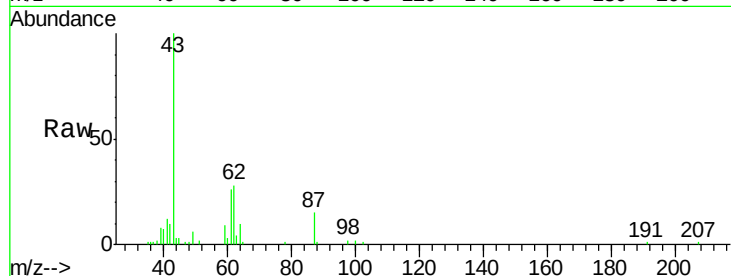
ClientSampleId :

VD1007SBS01

Tot Ion:	43	Resp:	61582
Ion	Ratio	Lower	Upper
43	100		
61	37.8	27.1	40.7
87	15.7	12.3	18.5

Manual Integrations
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#44

Trichloroethene

Concen: 21.080 ug/l

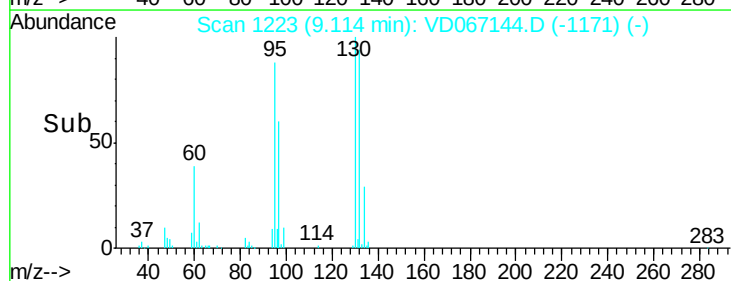
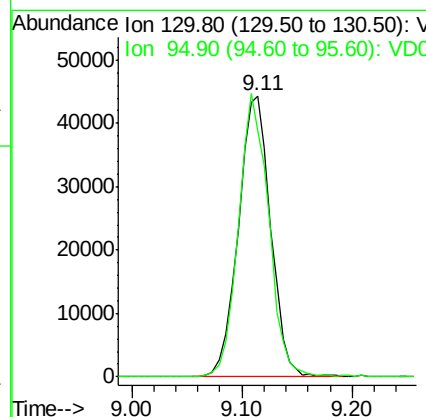
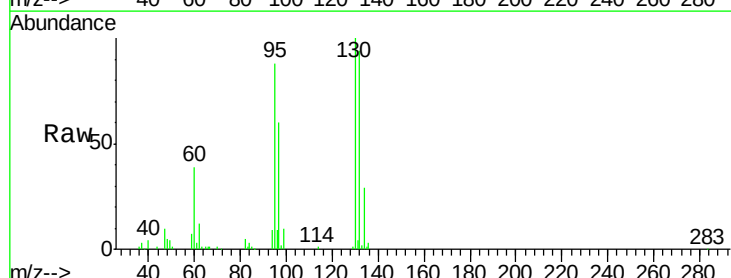
RT: 9.11 min Scan# 1223

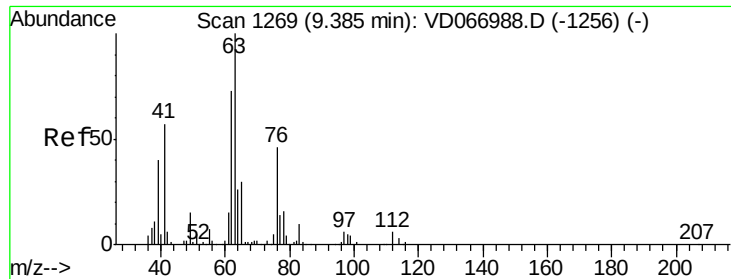
Delta R.T. 0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Tgt Ion:	130	Resp:	90815
Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	187.8





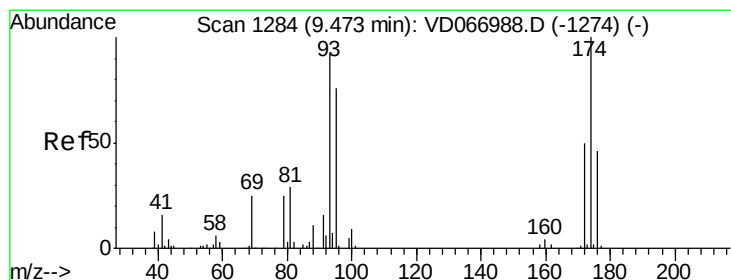
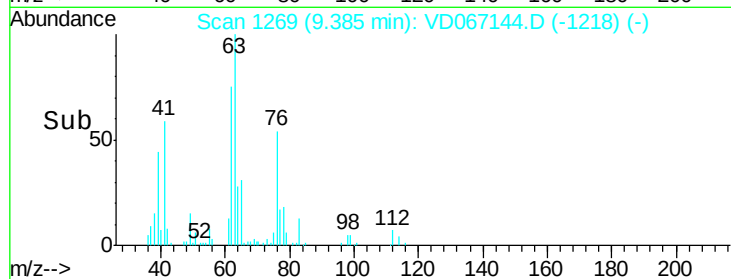
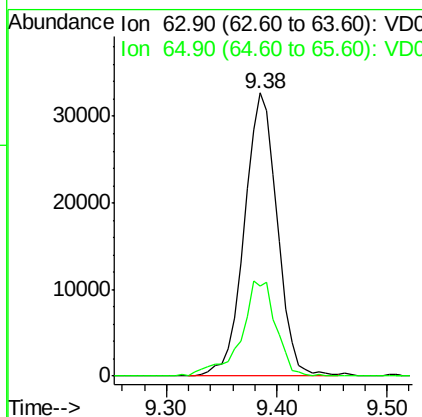
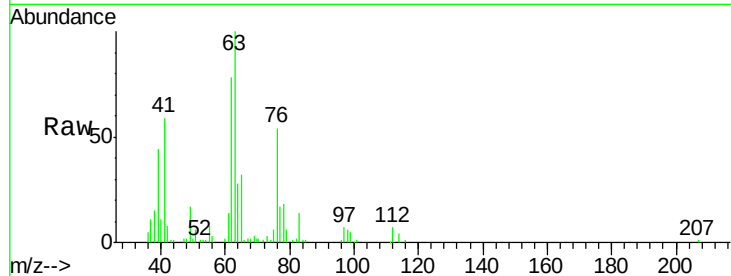
#45
 1,2-Dichloropropane
 Concen: 20.172 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Tot Ion	63	Resp	68378
Ion Ratio	Lower	Upper	
63	100		
65	31.7	23.7	35.5

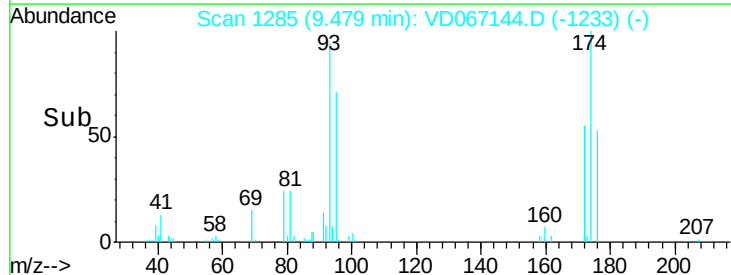
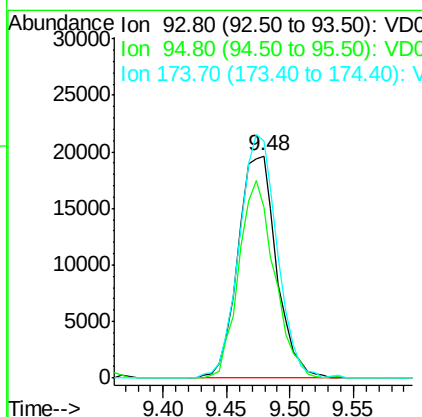
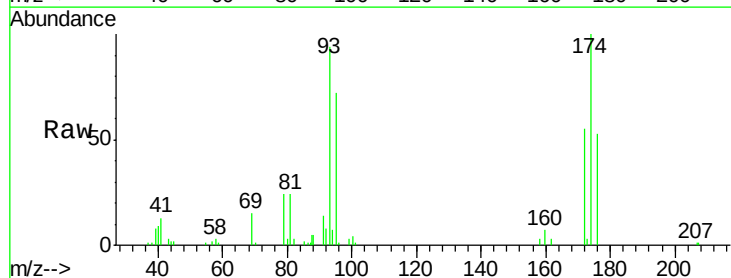
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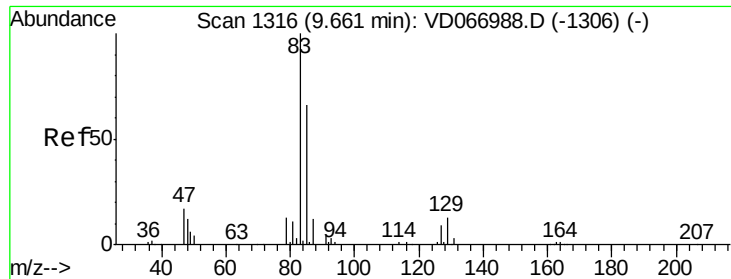
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 10/8/2020 5:39:31 PM



#46
 Dibromomethane
 Concen: 21.246 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion	93	Resp	41393
Ion Ratio	Lower	Upper	
93	100		
95	82.1	64.7	97.1
174	108.2	81.4	122.2





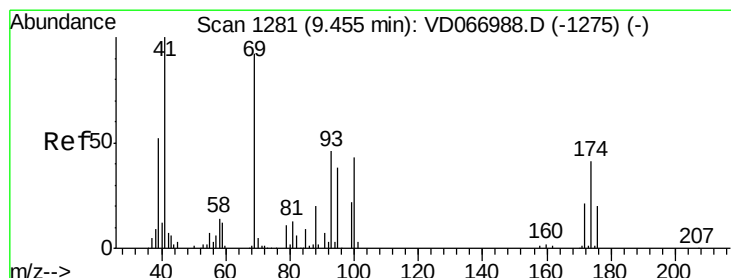
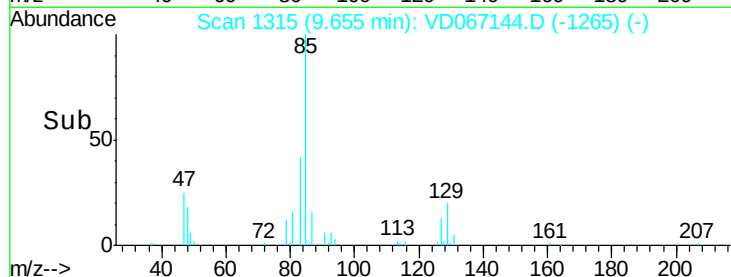
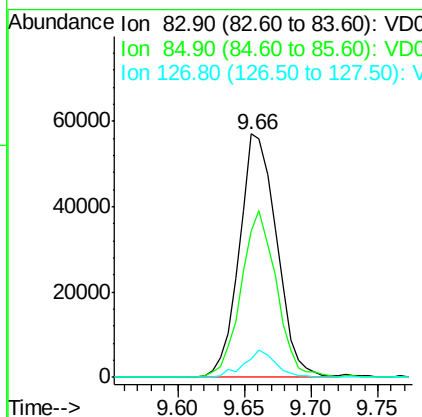
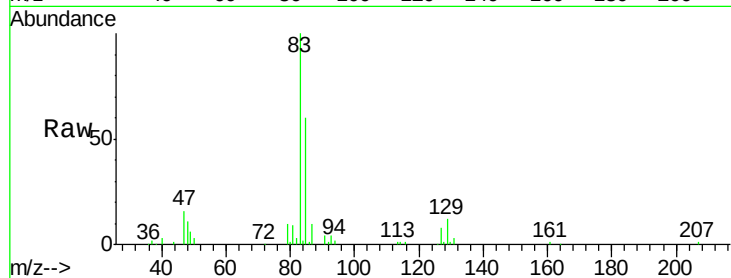
#47
Bromodichloromethane
Concen: 21.779 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	60.1	52.9	79.3	
127	7.8	7.3	10.9	

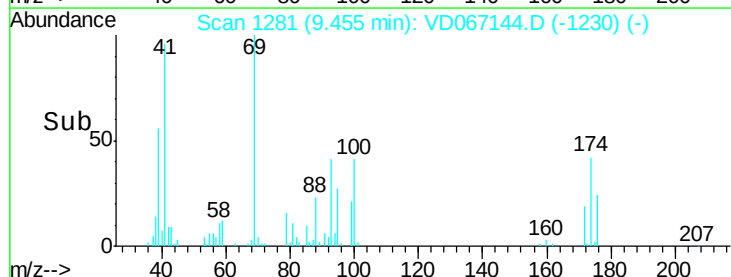
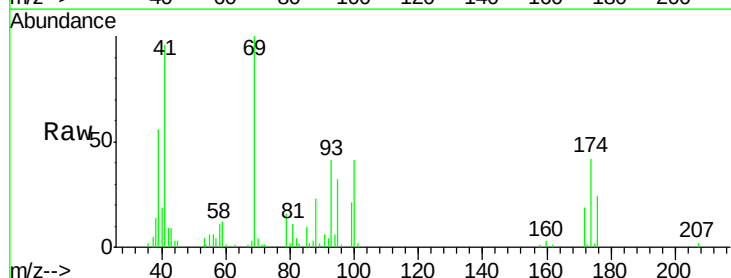
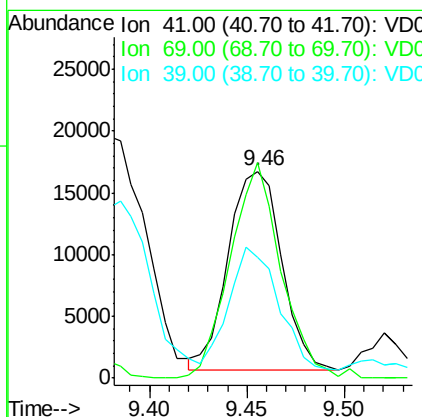
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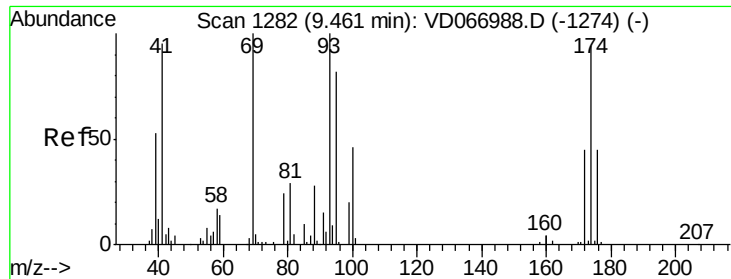
MMDadoda
10/8/2020 5:39:31 PM



#48
Methyl methacrylate
Concen: 17.878 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	104.4	68.5	102.7#	
39	66.8	40.2	60.2#	





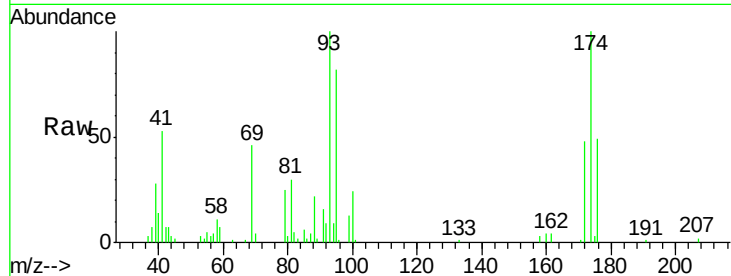
#49
1,4-Dioxane
Concen: 409.613 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

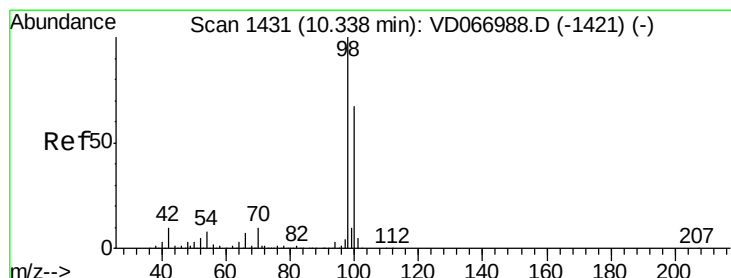
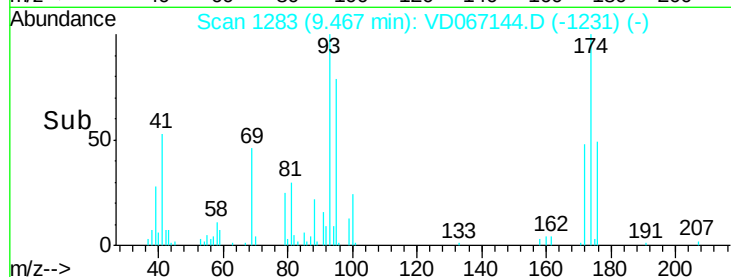
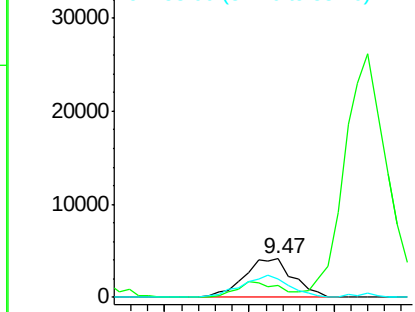
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.6	38.4
58	56.4	53.5	80.3

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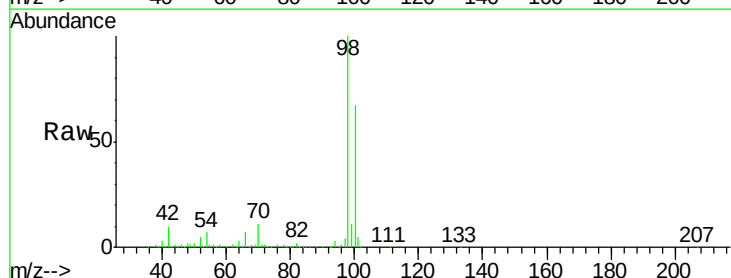


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

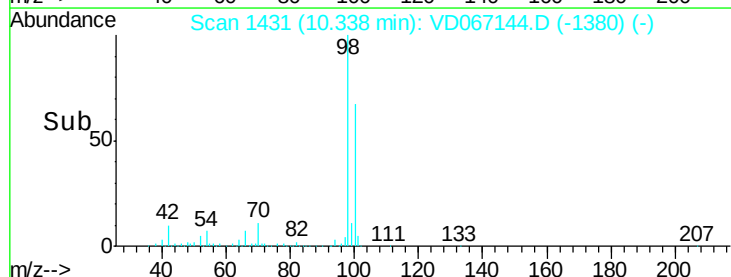
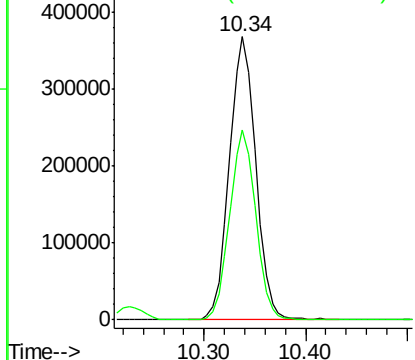


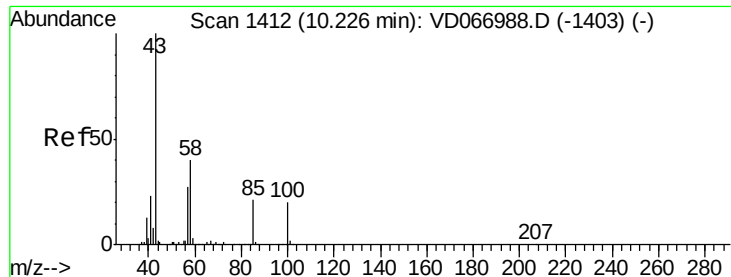
#50
Toluene-d8
Concen: 50.202 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.8	79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





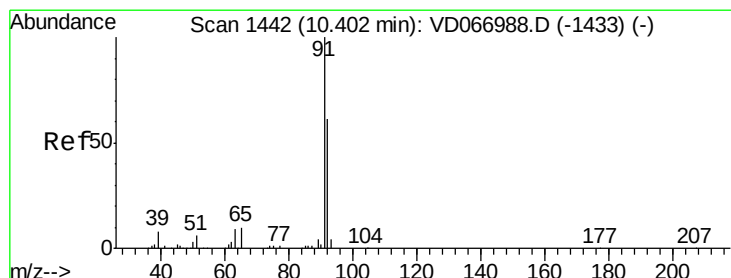
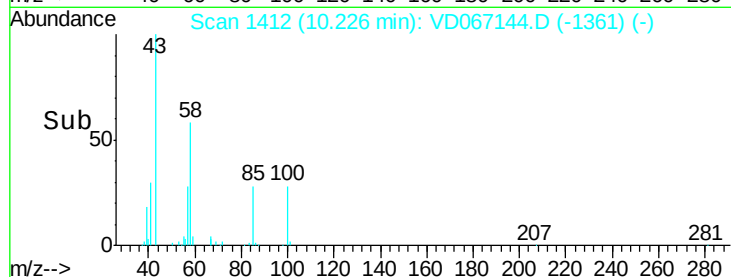
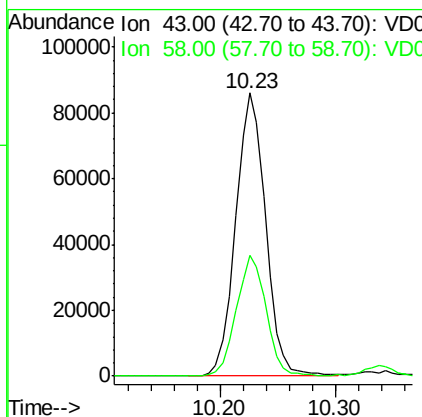
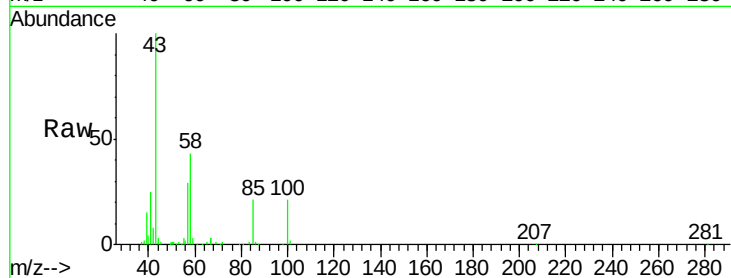
#51
4-Methyl-2-Pentanone
Concen: 93.438 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.5	33.8	50.8

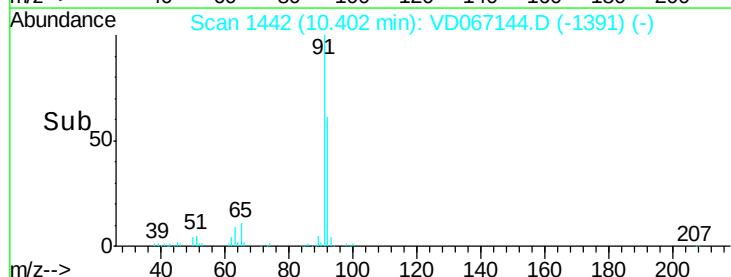
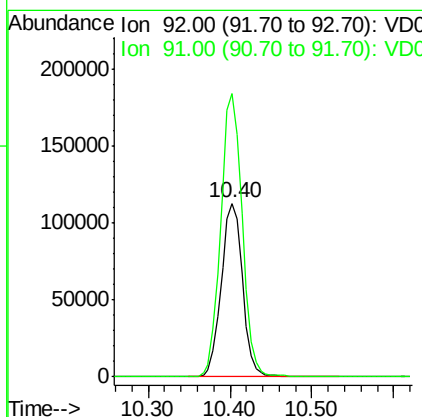
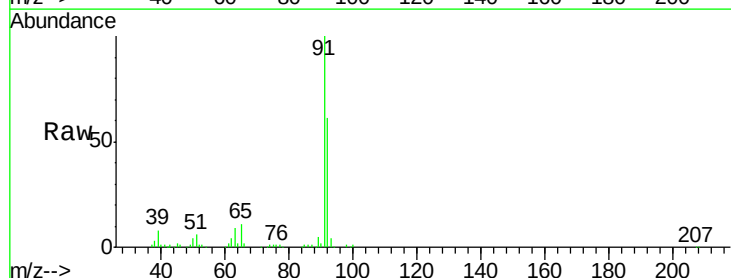
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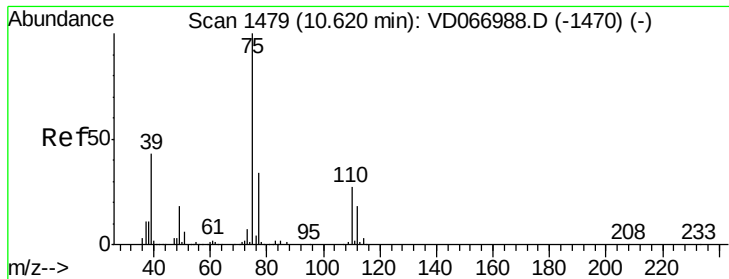
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#52
Toluene
Concen: 22.050 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	164.9	135.1	202.7





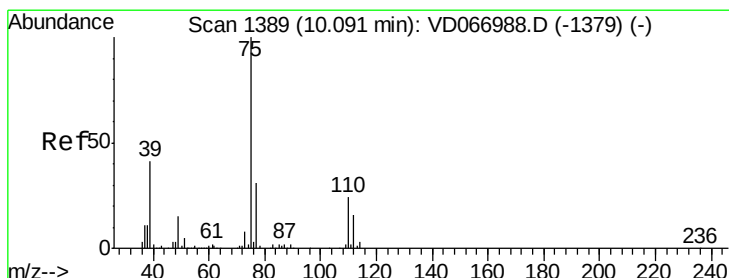
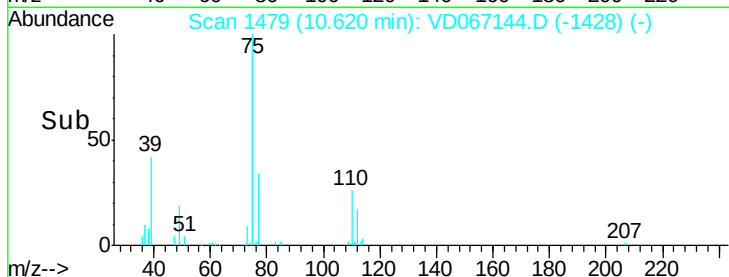
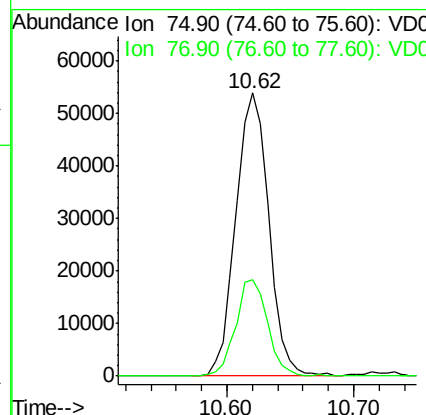
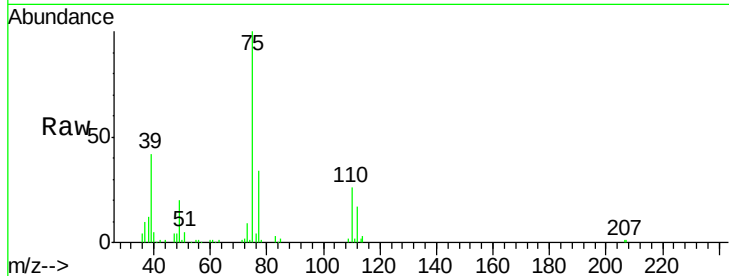
#53
t-1,3-Dichloropropene
Concen: 21.450 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion: 75 Resp: 97090
Ion Ratio Lower Upper
75 100
77 34.0 27.1 40.7

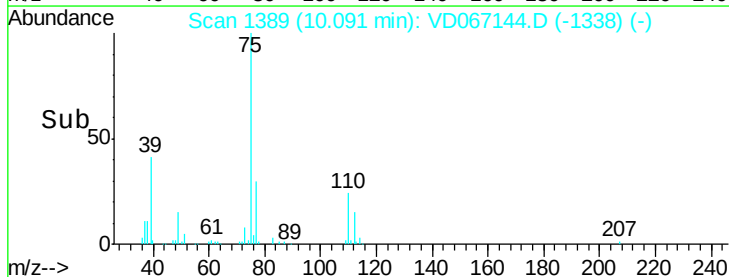
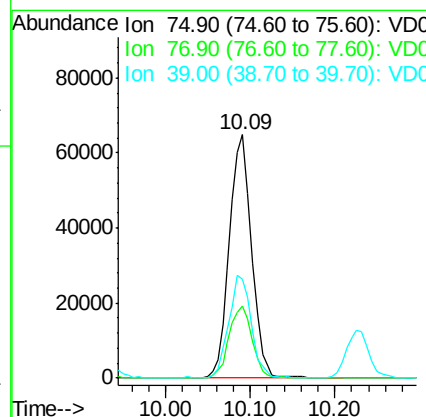
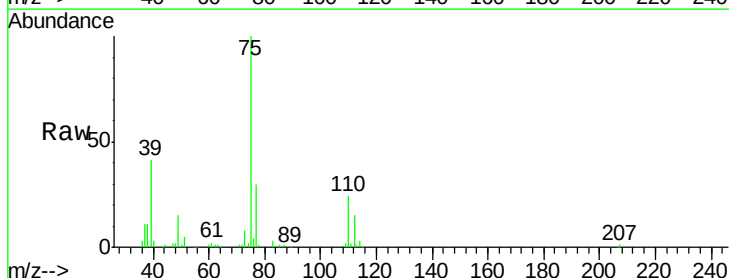
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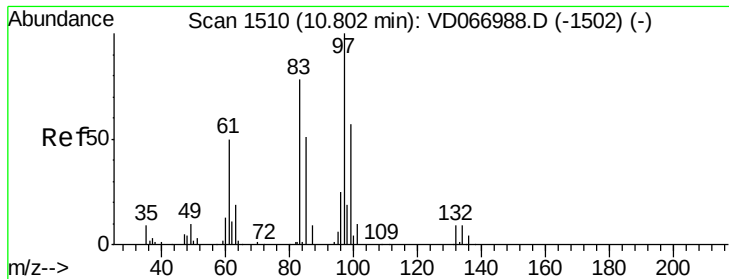
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#54
cis-1,3-Dichloropropene
Concen: 21.383 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 75 Resp: 118186
Ion Ratio Lower Upper
75 100
77 29.8 24.6 37.0
39 40.8 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 21.689 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

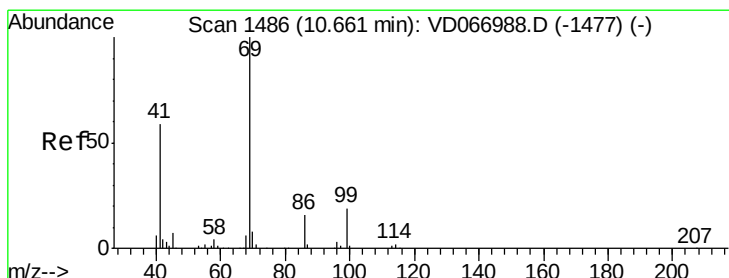
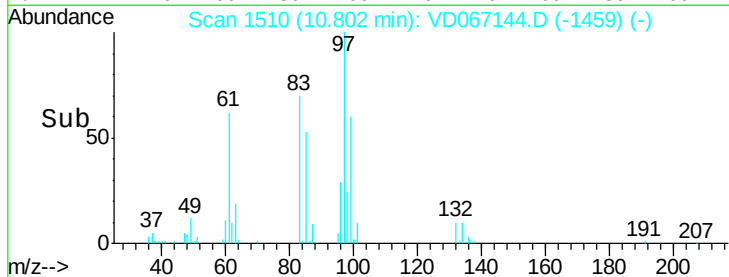
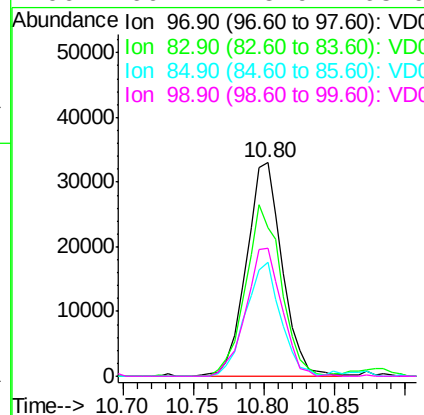
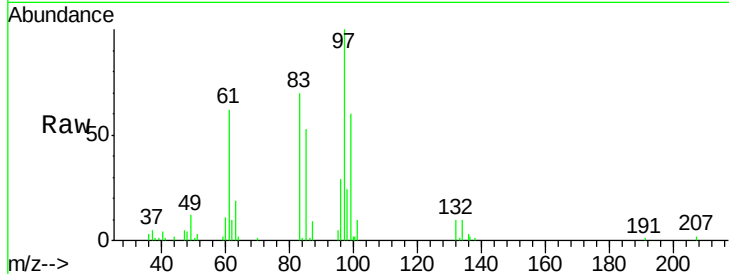
ClientSampleId :

VD1007SBS01

Tot Ion:	97	Resp:	58750
Ion	Ratio	Lower	Upper
97	100		
83	69.8	62.4	93.6
85	53.1	41.0	61.4
99	60.2	45.9	68.9

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.728 ug/l

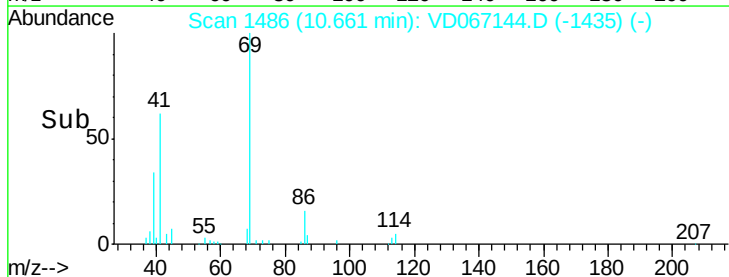
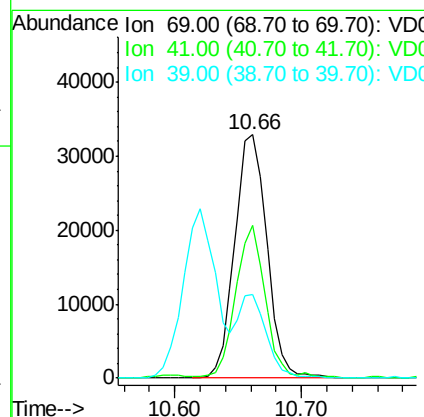
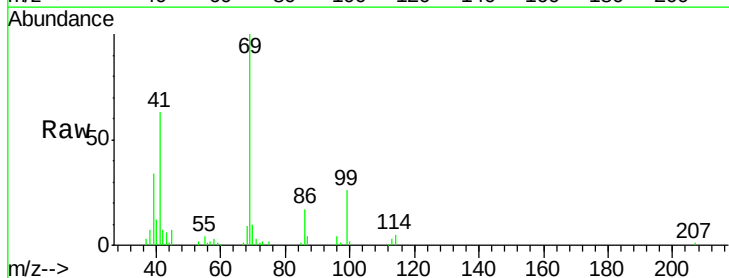
RT: 10.66 min Scan# 1486

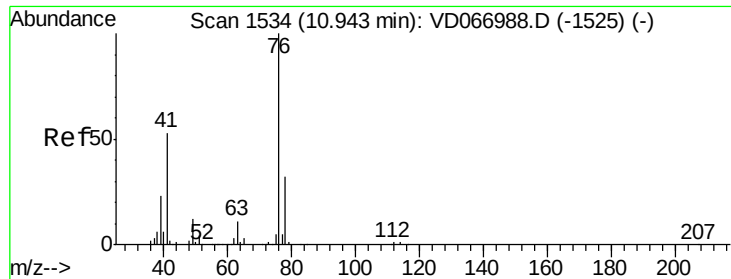
Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Tgt Ion:	69	Resp:	57968
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.4	69.6
39	30.3	23.8	35.6





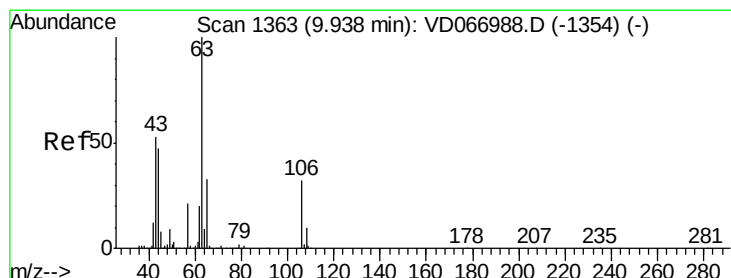
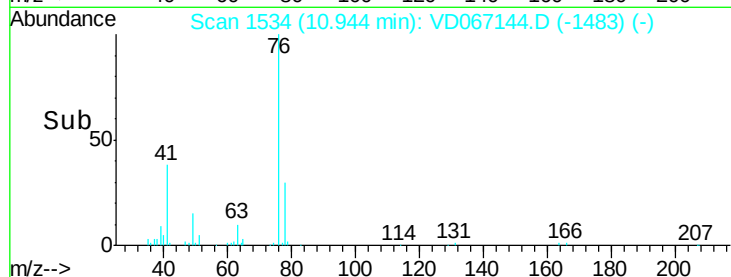
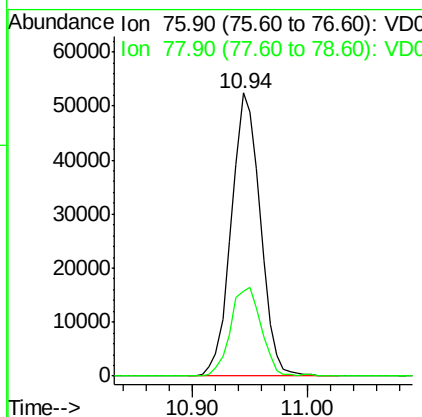
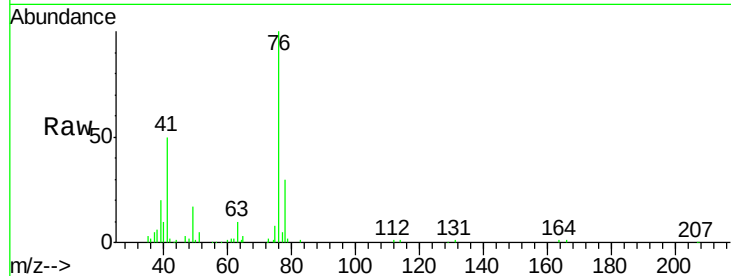
#57
 1,3-Dichloropropane
 Concen: 20.823 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Tot Ion: 76 Resp: 91466
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.8 38.8

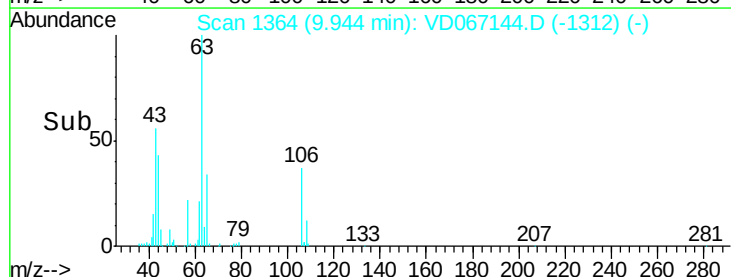
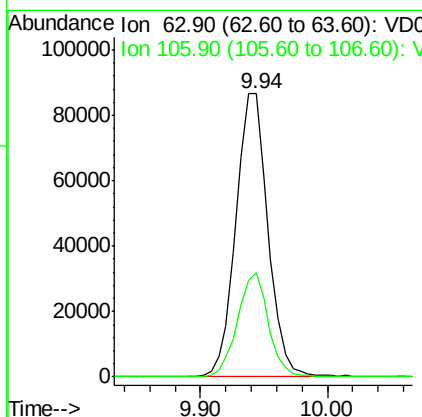
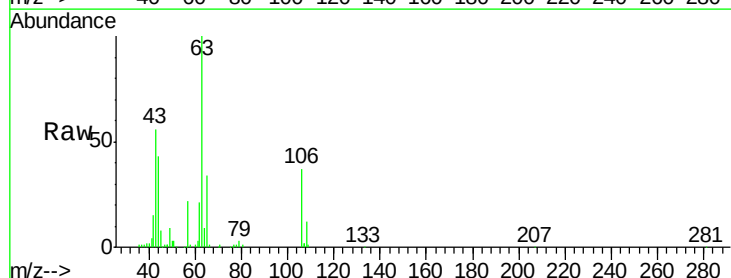
Manual Integrations
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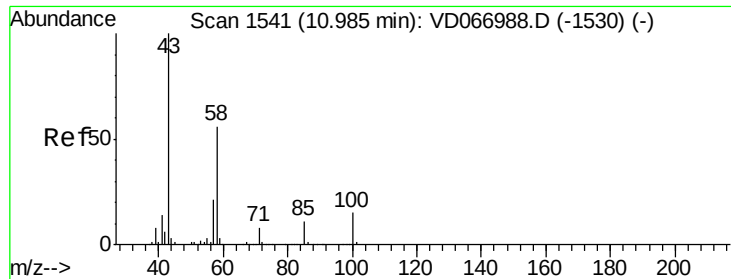
MMDadoda
 10/8/2020 5:39:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.632 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion: 63 Resp: 151966
 Ion Ratio Lower Upper
 63 100
 106 35.4 25.3 37.9





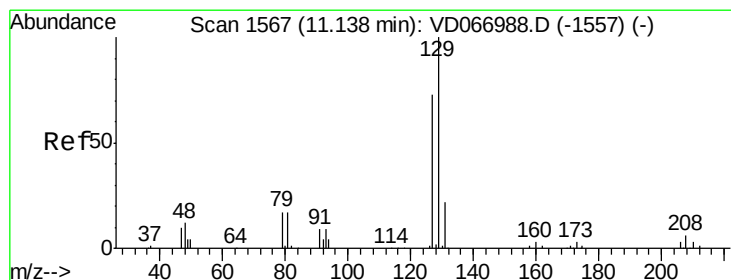
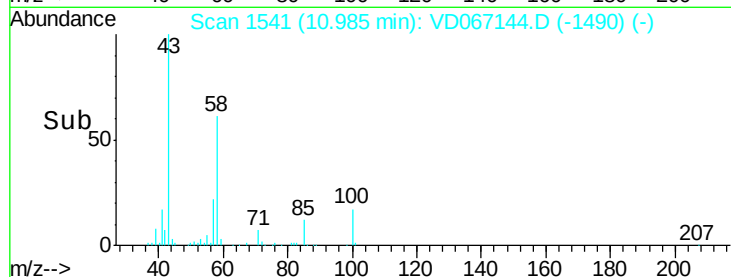
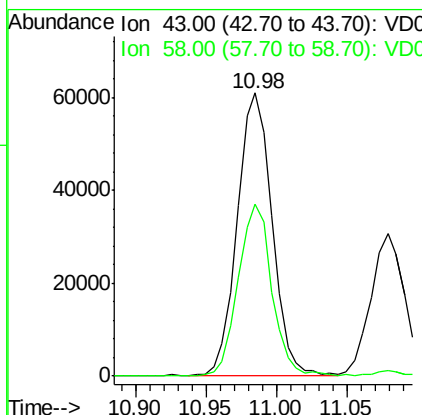
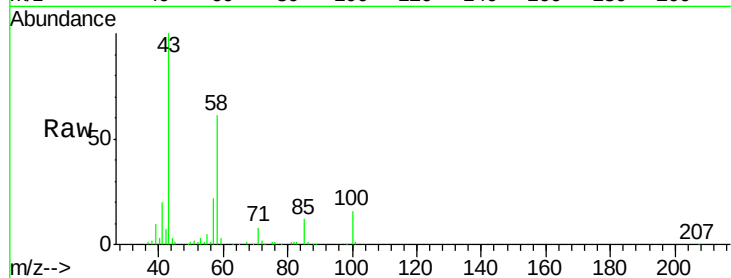
#59
2-Hexanone
Concen: 95.904 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

Tot Ion: 43 Resp: 105689
Ion Ratio Lower Upper
43 100
58 59.1 28.3 84.9

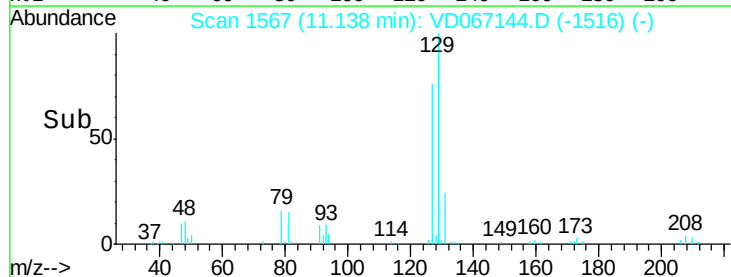
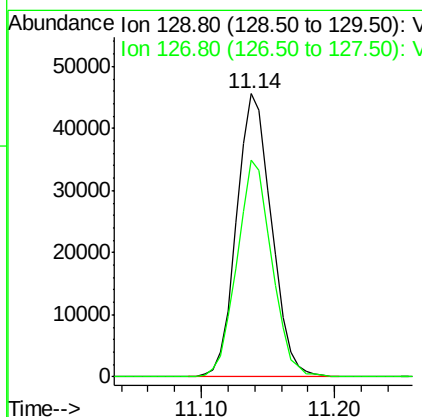
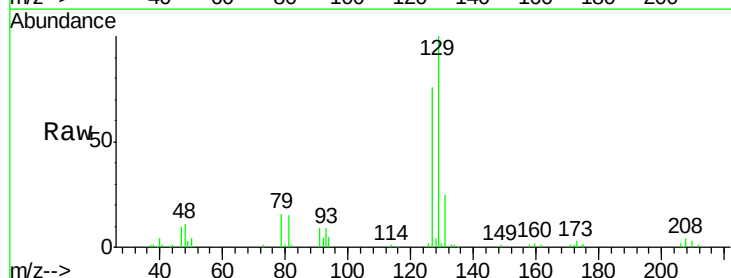
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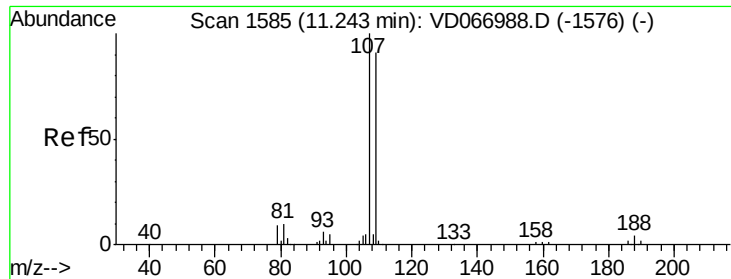
MMDadoda
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#60
Dibromochloromethane
Concen: 22.826 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 129 Resp: 82407
Ion Ratio Lower Upper
129 100
127 76.6 37.4 112.1





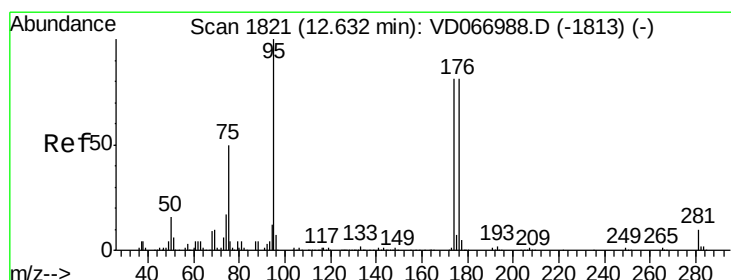
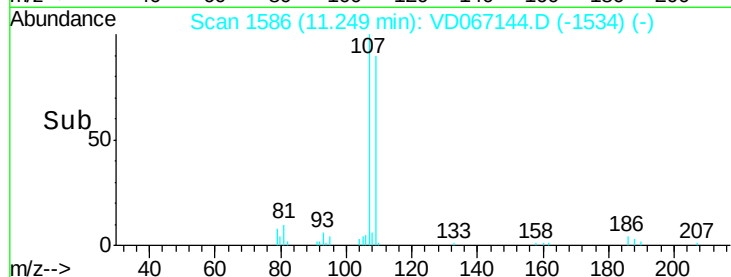
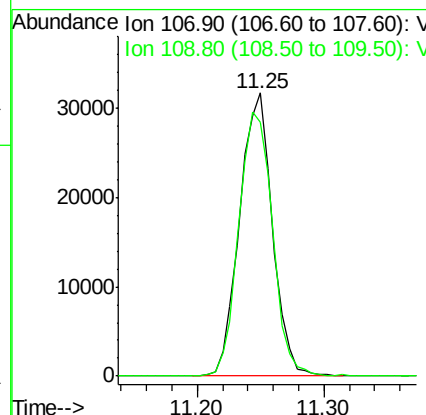
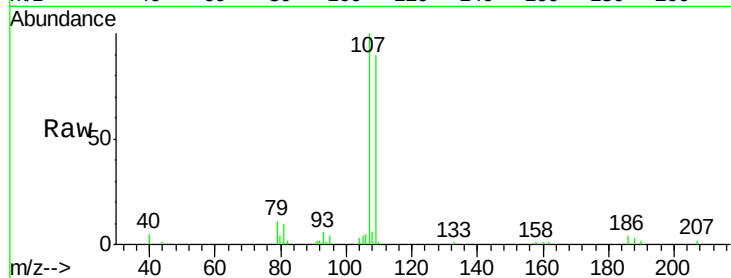
#61
 1,2-Dibromoethane
 Concen: 21.808 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Tot Ion: 107 Resp: 56752
 Ion Ratio Lower Upper
 107 100
 109 96.1 74.0 111.0

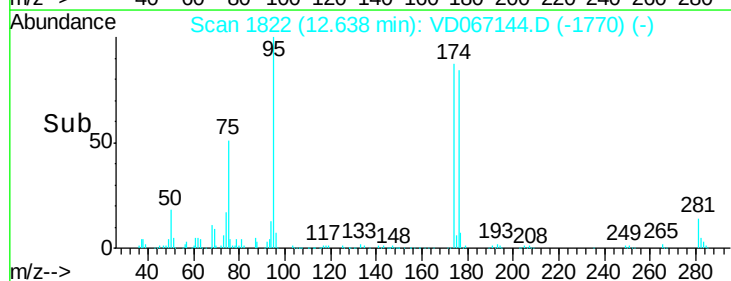
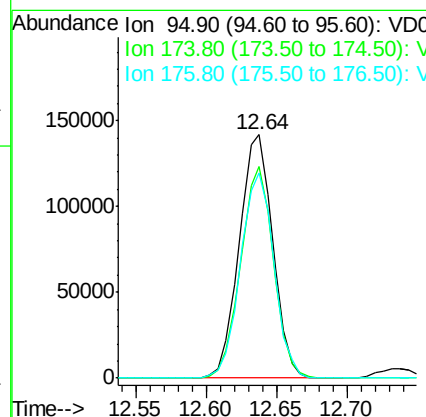
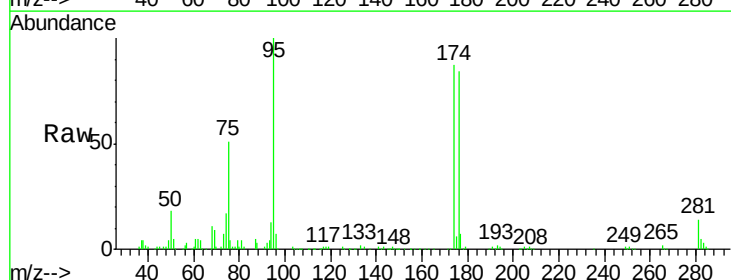
Manual Integrations
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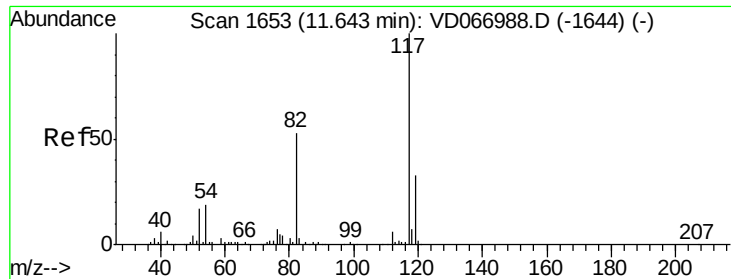
MMDadoda
 10/8/2020 5:39:31 PM



#62
 4-Bromofluorobenzene
 Concen: 52.268 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion: 95 Resp: 235877
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 167.6
 176 84.0 0.0 162.4





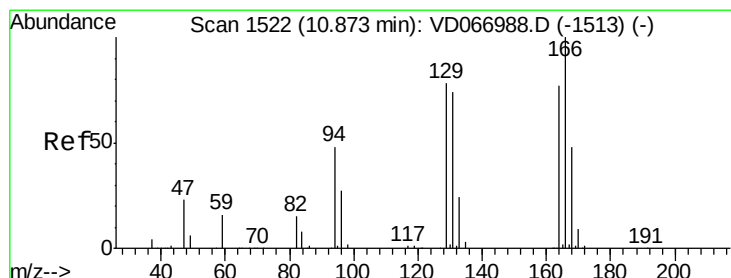
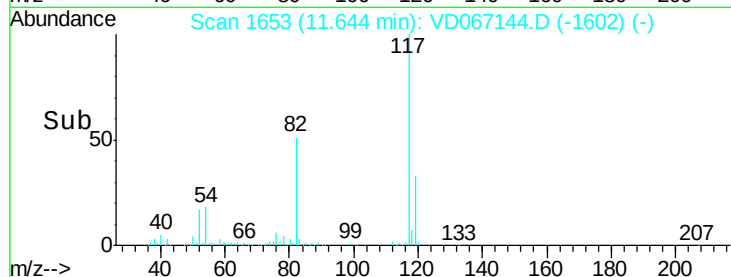
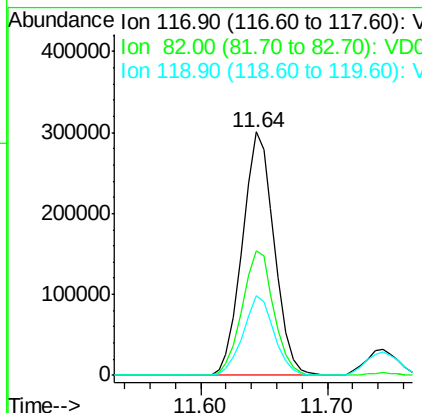
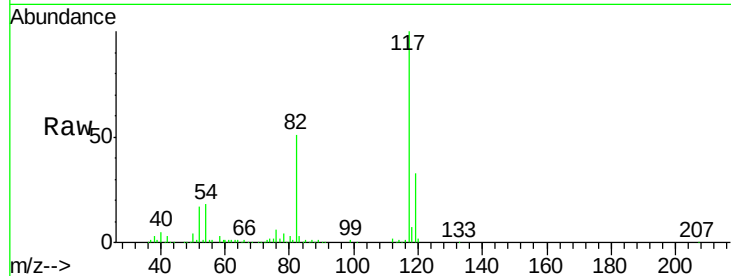
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.6	63.8
119	32.8	26.3	39.5

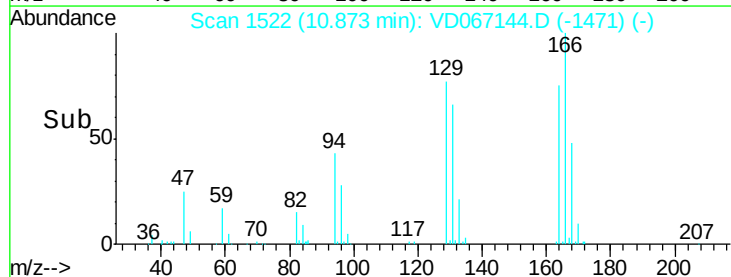
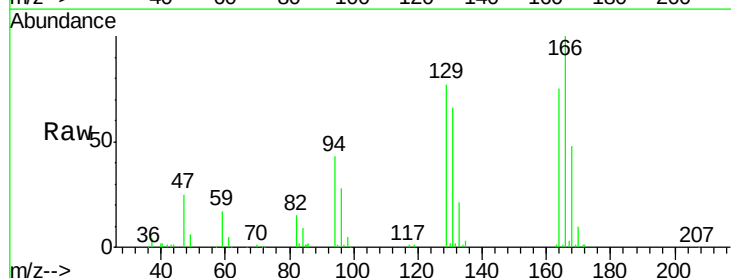
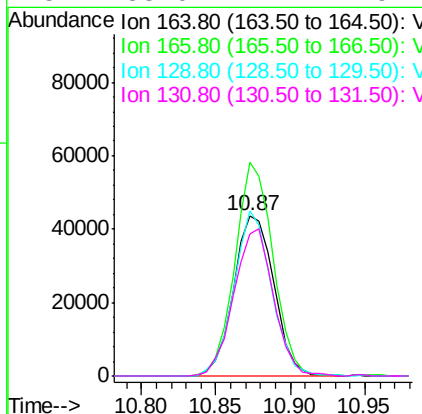
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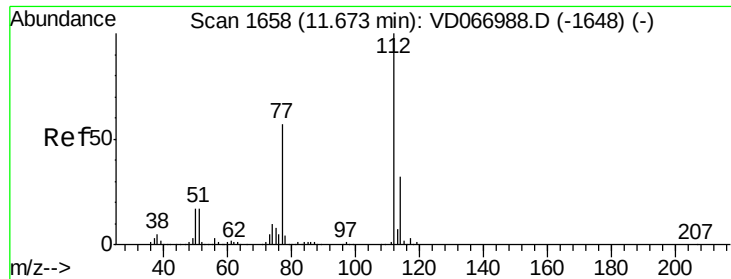
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#64
Tetrachloroethene
Concen: 21.496 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.1	104.4	156.6
129	102.6	81.3	121.9
131	88.0	77.1	115.7





#65

Chlorobenzene

Concen: 21.179 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

Tot Ion:112 Resp: 220541

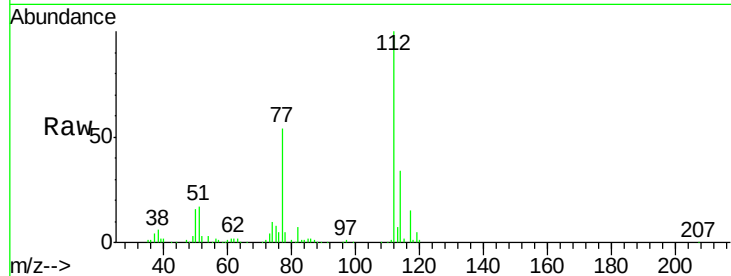
Ion Ratio Lower Upper

112 100

114 33.8 25.4 38.0

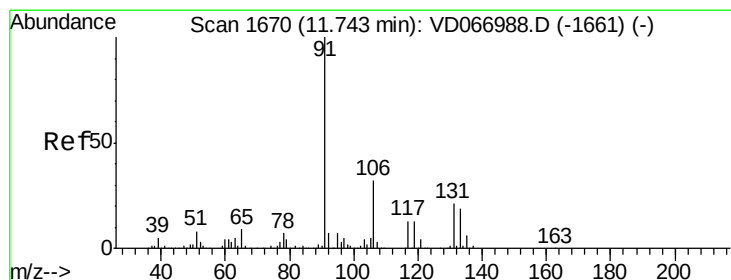
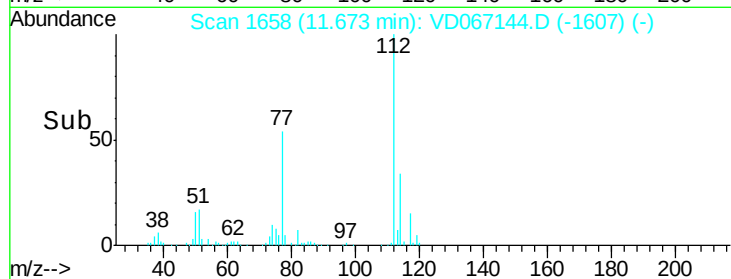
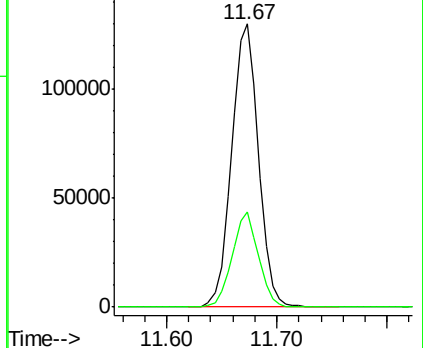
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.796 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

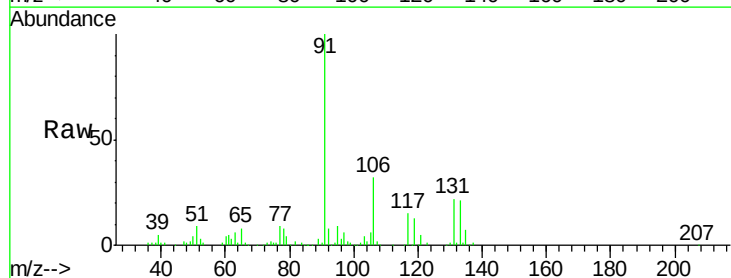
Tgt Ion:131 Resp: 86335

Ion Ratio Lower Upper

131 100

133 98.3 47.8 143.3

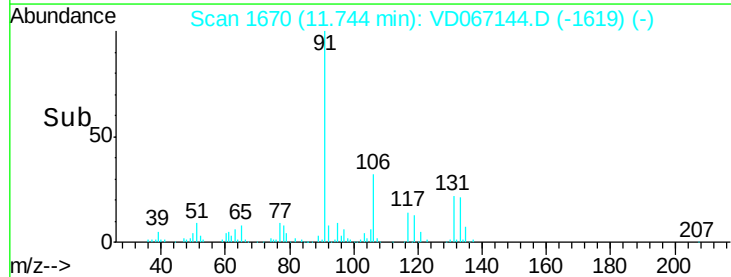
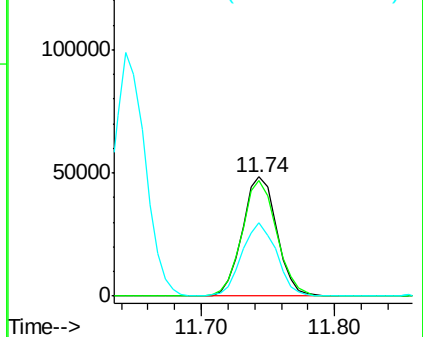
119 61.8 32.3 96.8

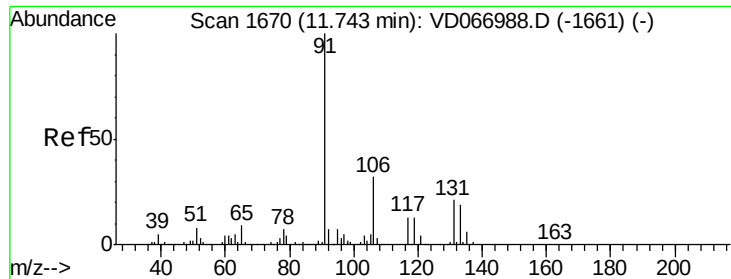


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.161 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

Tot Ion: 91 Resp: 377551

Ion Ratio Lower Upper

91 100

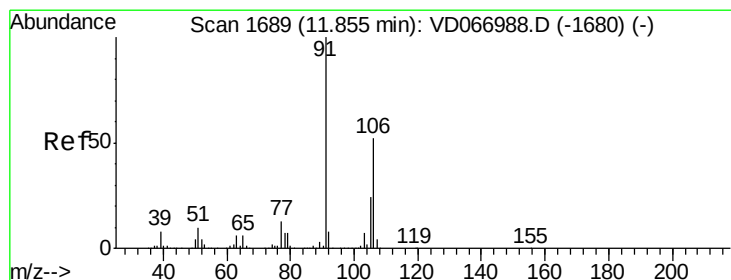
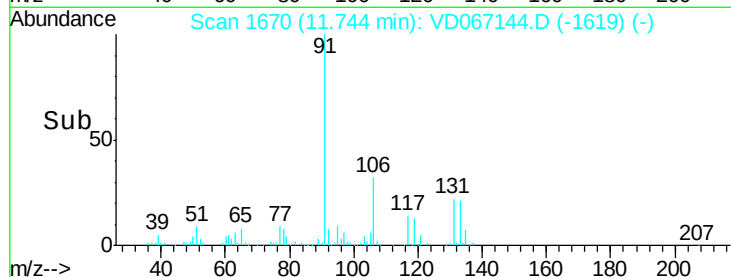
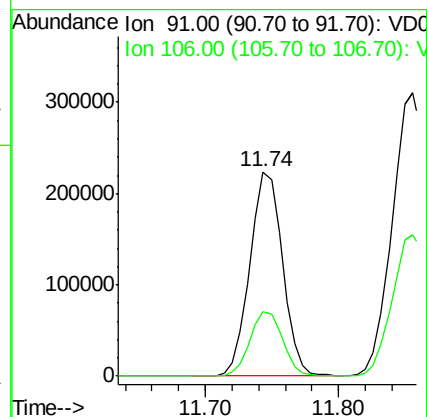
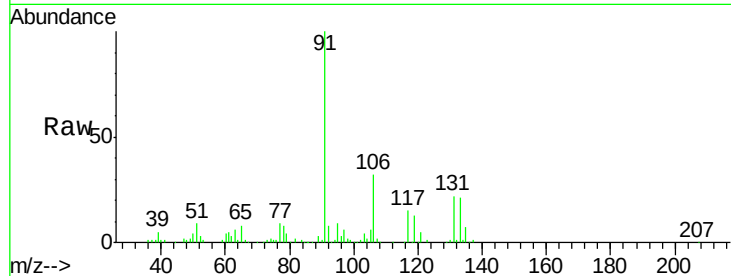
106 31.5 25.4 38.2

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#68

m/p-Xylenes

Concen: 43.681 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067144.D

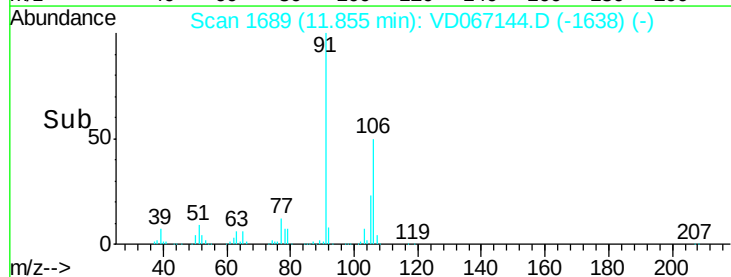
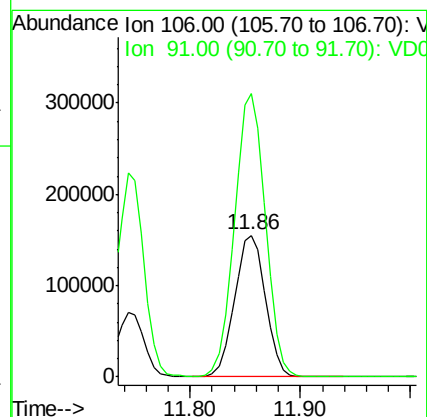
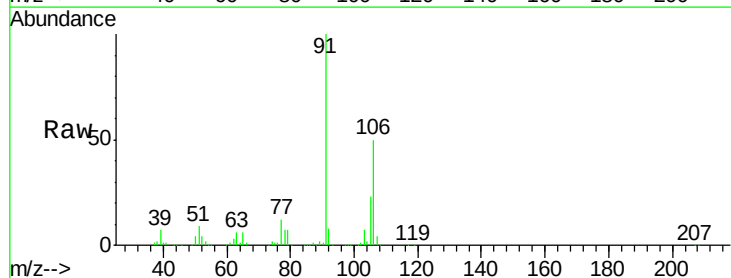
Acq: 07 Oct 2020 11:26

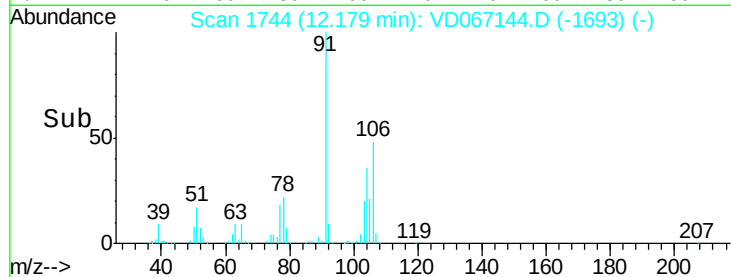
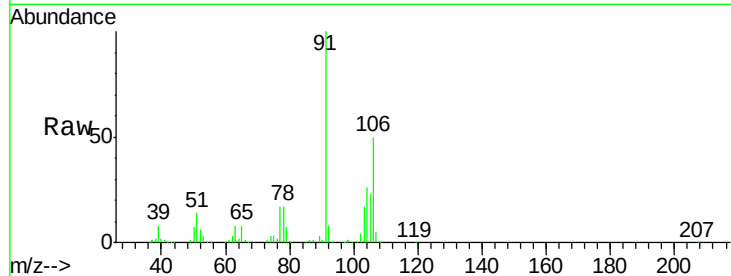
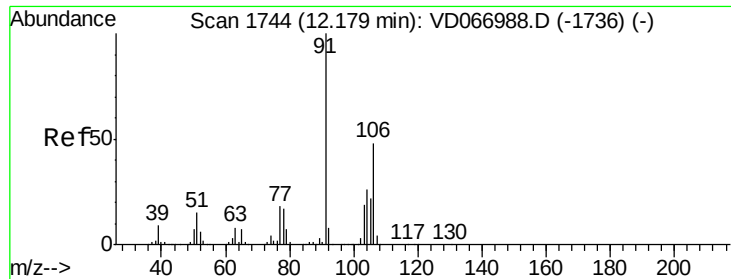
Tgt Ion: 106 Resp: 303731

Ion Ratio Lower Upper

106 100

91 200.1 158.4 237.6





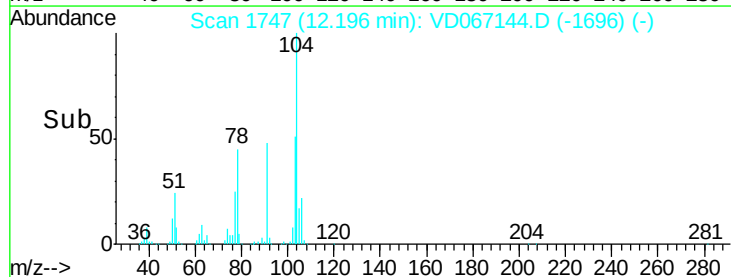
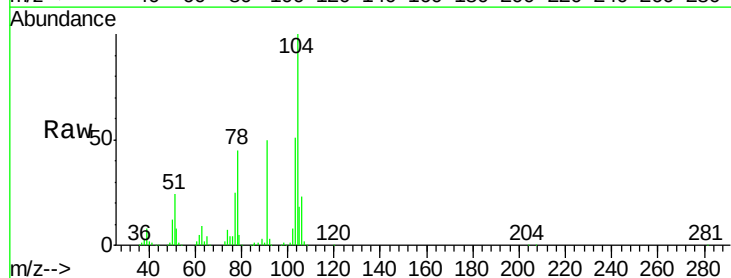
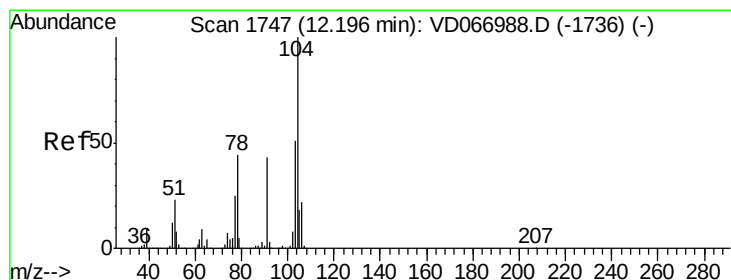
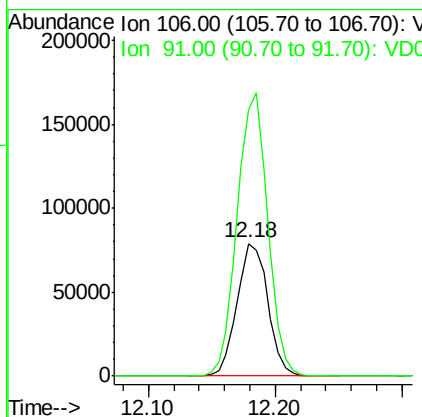
#69
o-Xylene
Concen: 21.362 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tot Ion	Ratio	Resp	Lower	Upper
106	100	132828		
91	212.7	102.4	307.2	

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

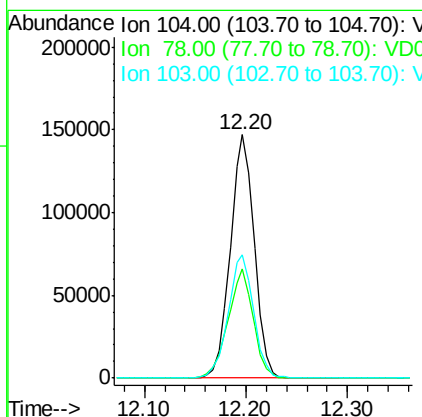
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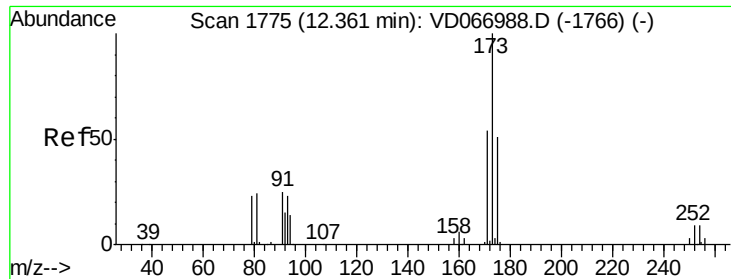
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#70
Styrene
Concen: 22.481 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	240035		
78	47.2	38.6	58.0	
103	53.7	43.4	65.0	





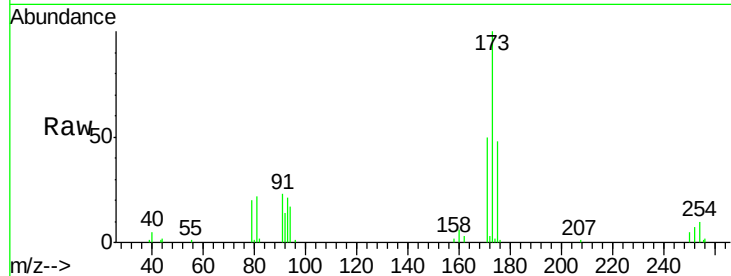
#71
Bromoform
Concen: 22.080 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

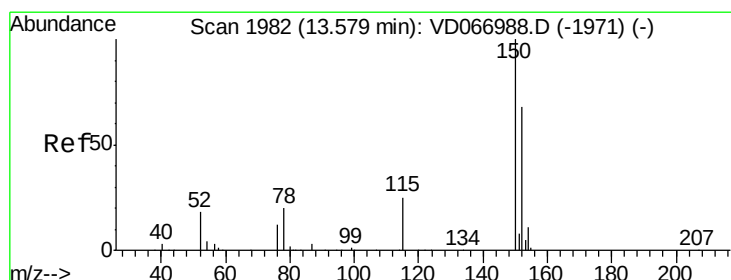
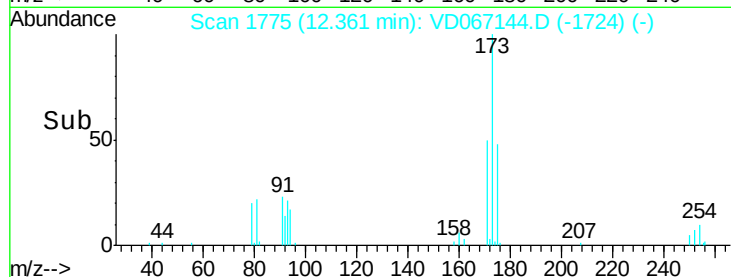
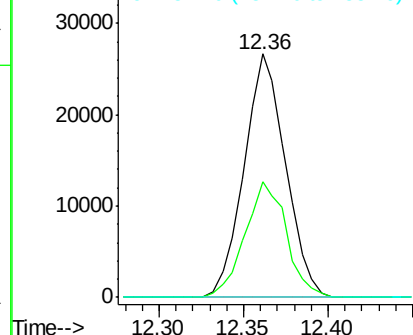
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.9	74.7
254	0.0	0.2	0.4

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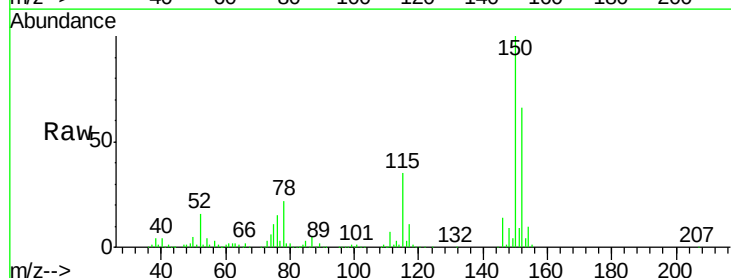


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

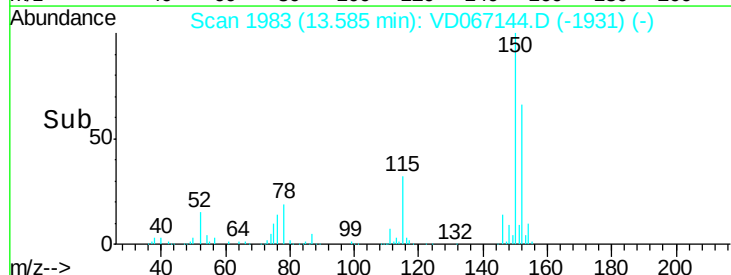
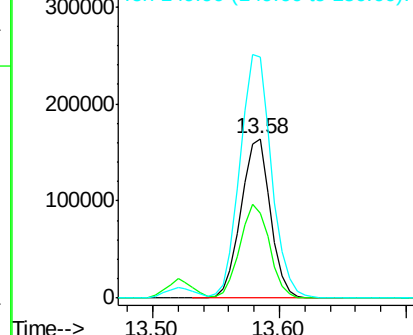


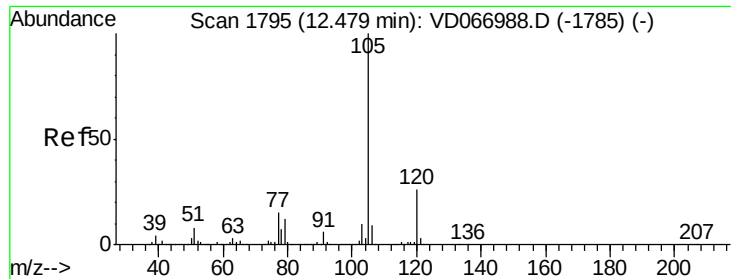
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.6	88.8
150	163.1	0.0	344.8



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





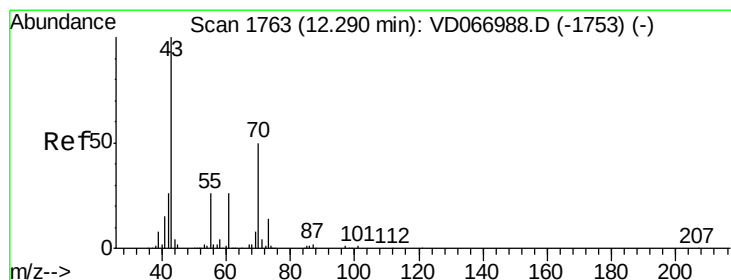
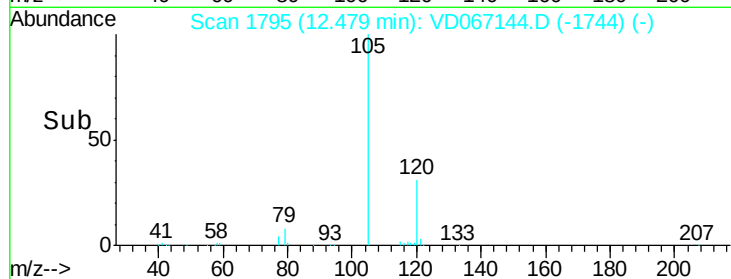
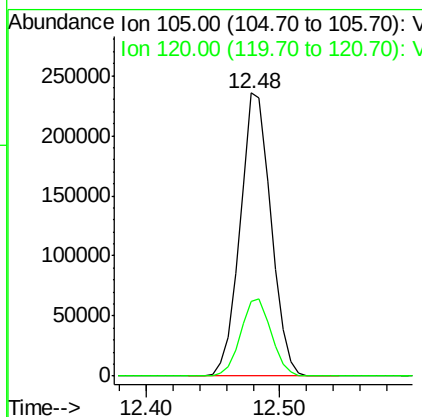
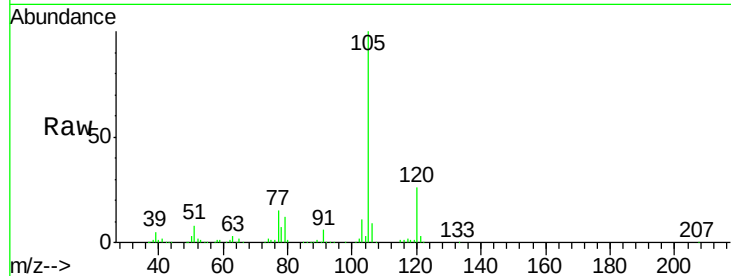
#73
Isopropylbenzene
Concen: 20.931 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.3	39.9

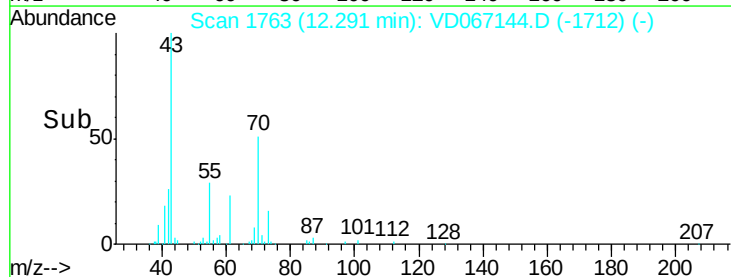
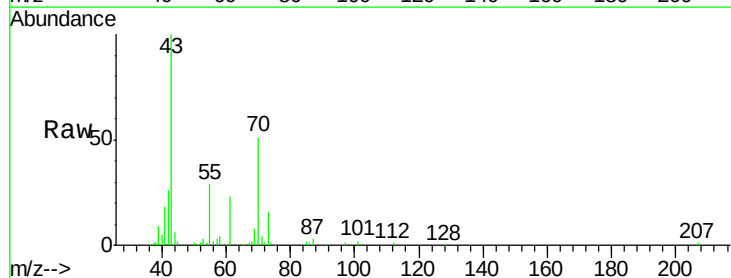
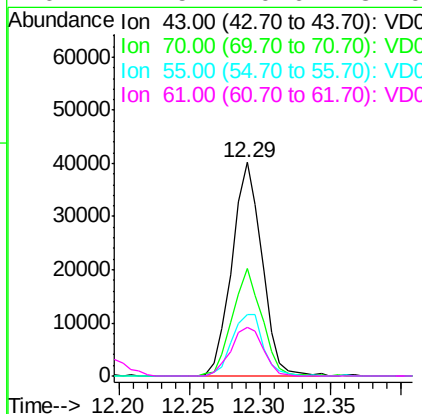
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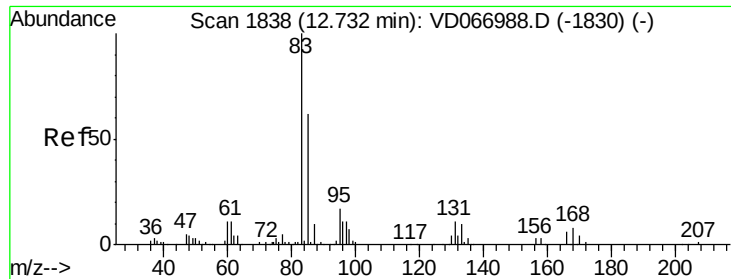
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#74
N-ethyl acetate
Concen: 18.525 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.7	38.2	57.2
55	30.1	22.4	33.6
61	24.5	20.6	31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.383 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

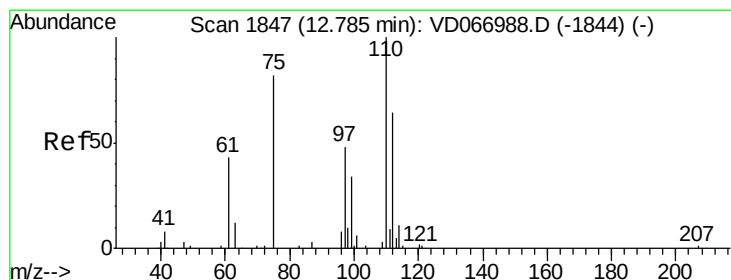
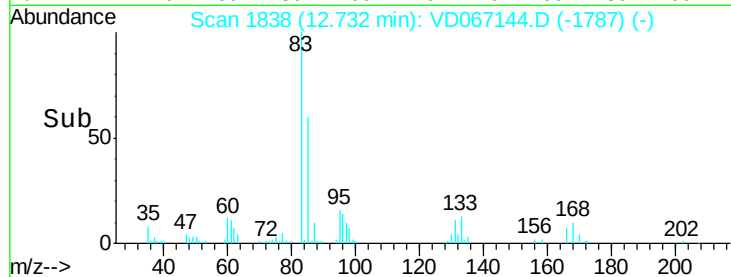
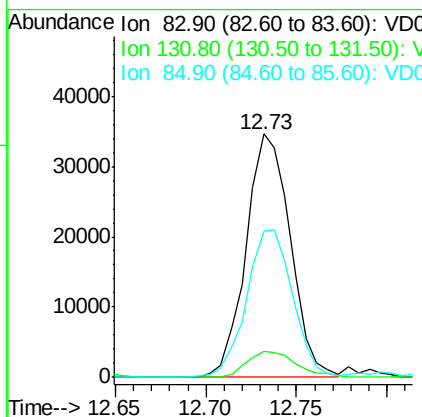
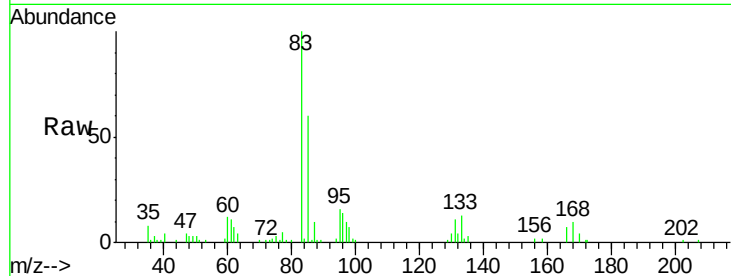
ClientSampleId :

VD1007SBS01

Tot Ion:	83	Resp:	58557
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.7	17.0
85	63.2	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 17.732 ug/l m

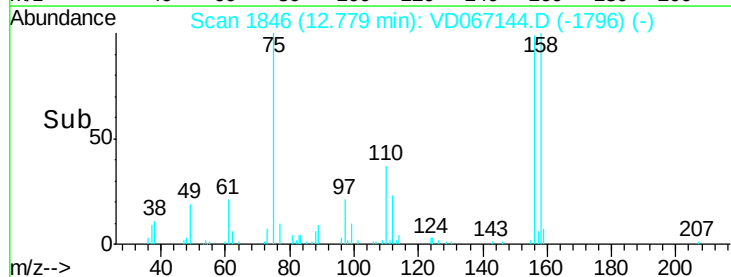
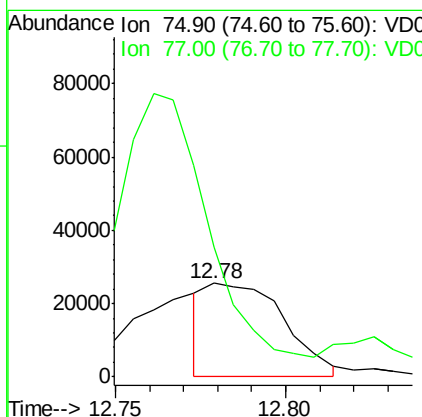
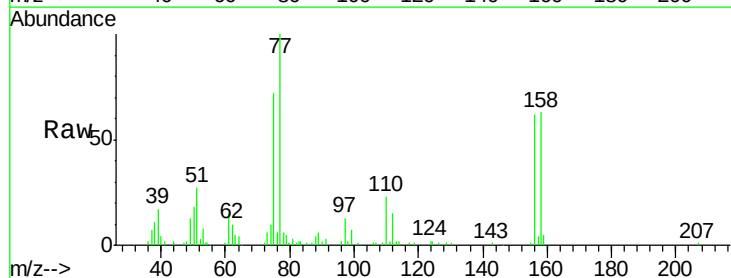
RT: 12.78 min Scan# 1846

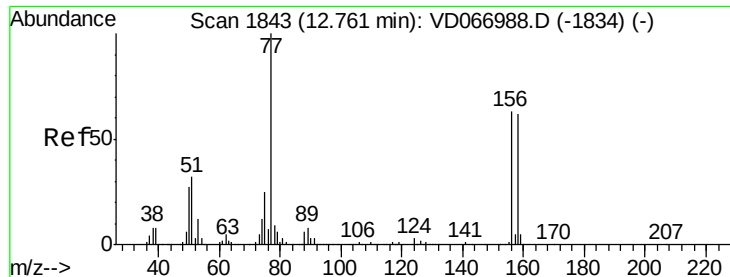
Delta R.T. -0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Tgt Ion:	75	Resp:	40785
Ion Ratio	Lower	Upper	
75	100		
77	368.7	0.0	0.0#





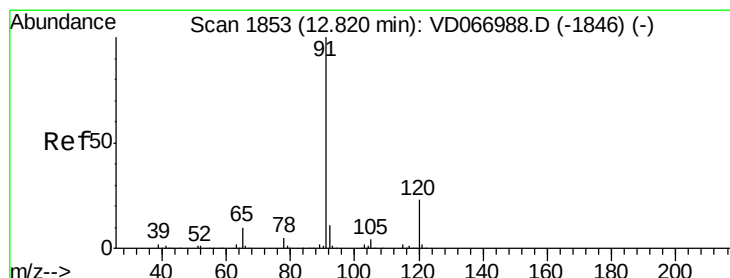
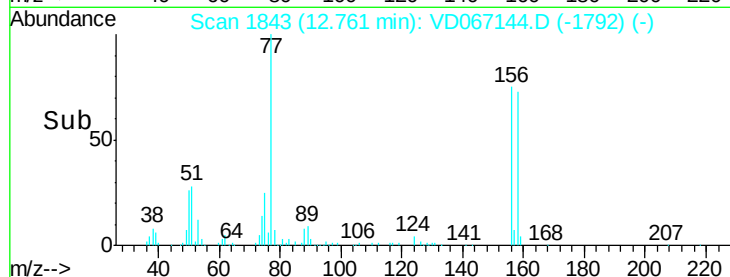
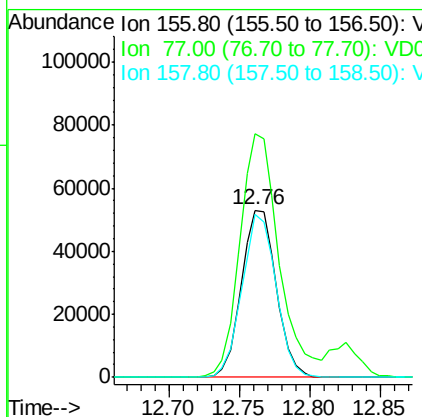
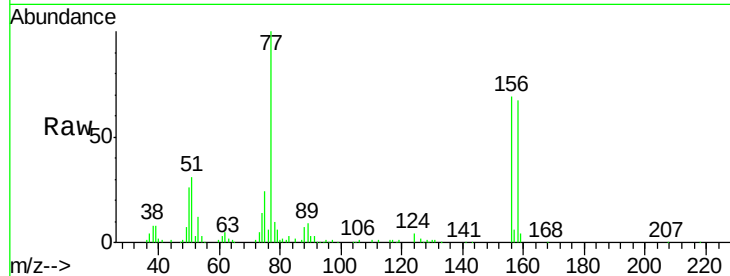
#77
Bromobenzene
Concen: 21.145 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	164.3	86.3	258.8
158	95.6	49.5	148.3

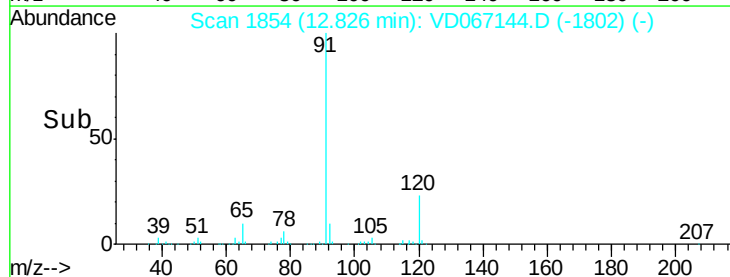
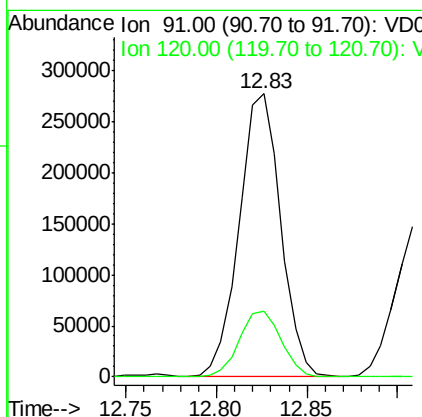
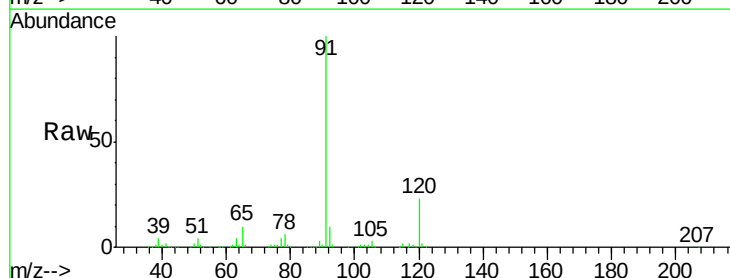
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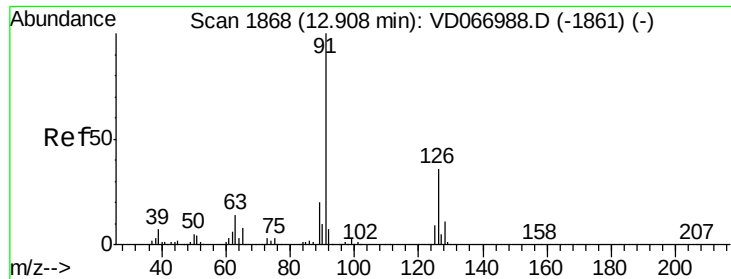
MMDadoda
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#78
n-propylbenzene
Concen: 20.772 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.6	34.8





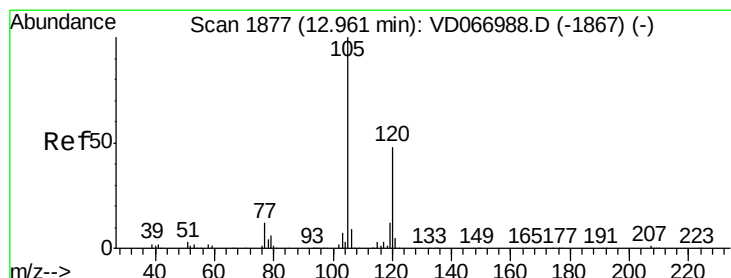
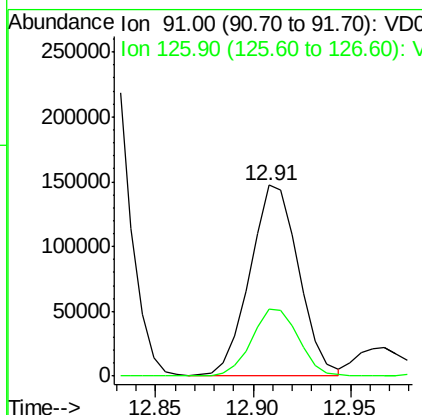
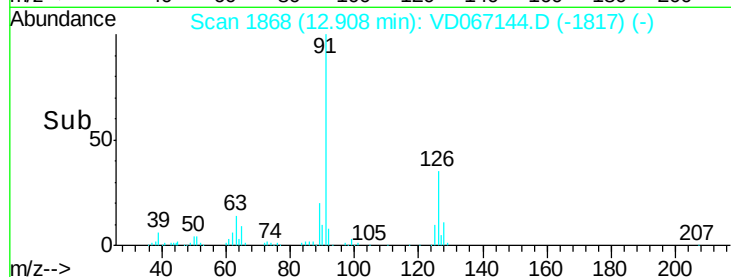
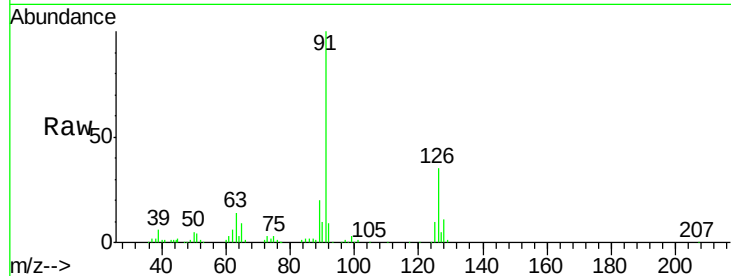
#79
 2-Chlorotoluene
 Concen: 20.996 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.5	52.6

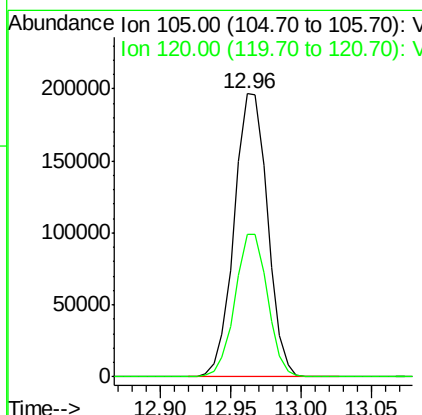
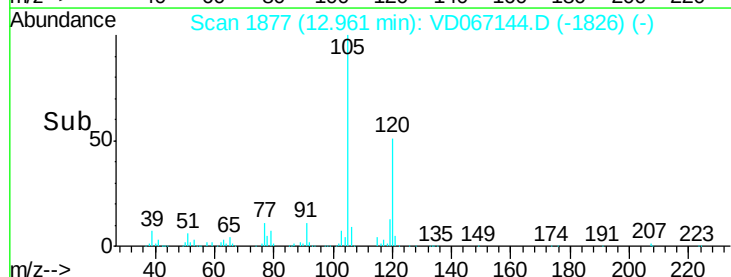
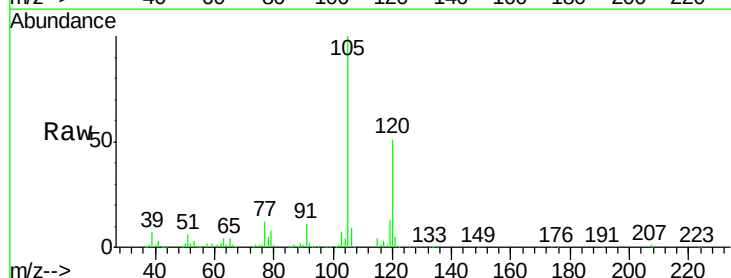
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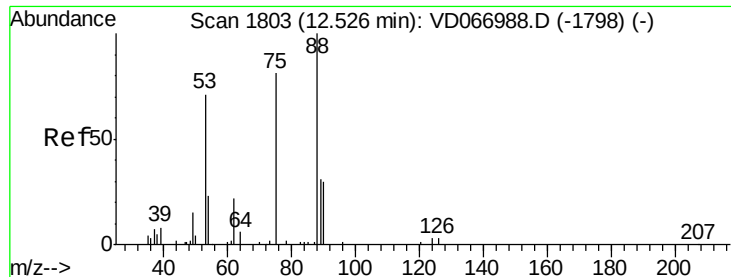
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.391 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.6	74.0





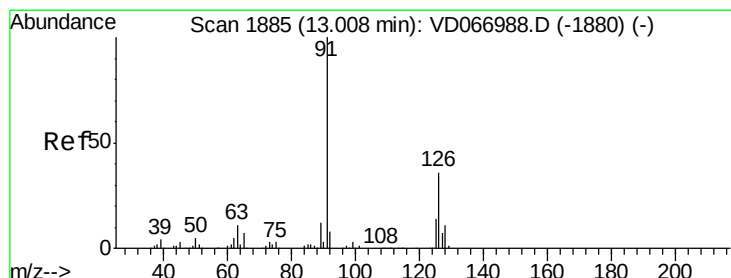
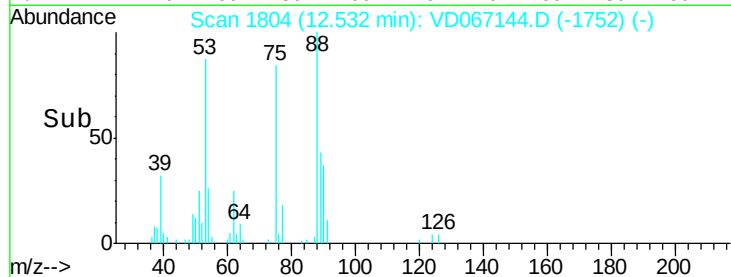
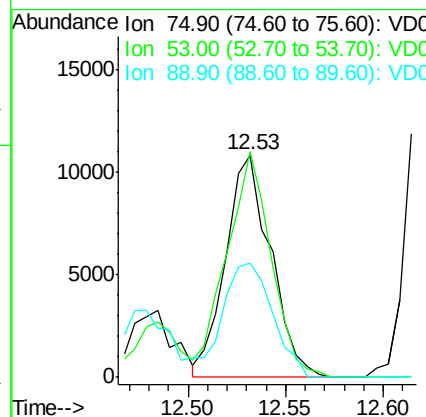
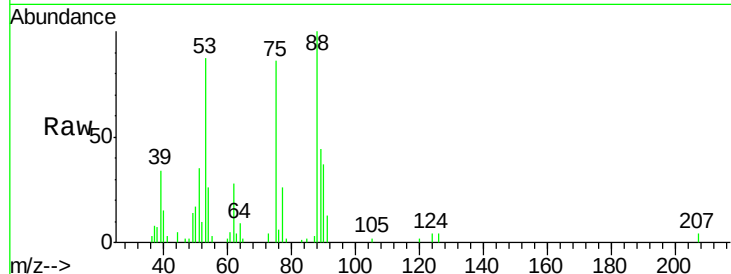
#81
trans-1,4-Dichloro-2-butene
Concen: 18.802 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.0	73.8	110.6
89	55.0	38.9	58.3

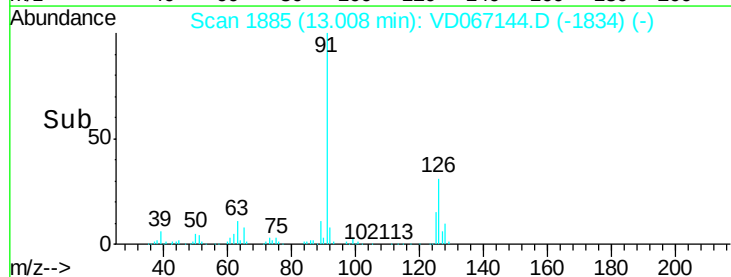
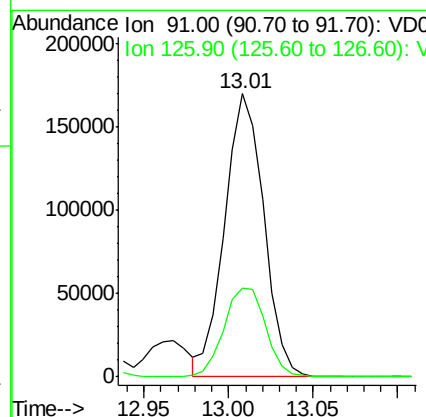
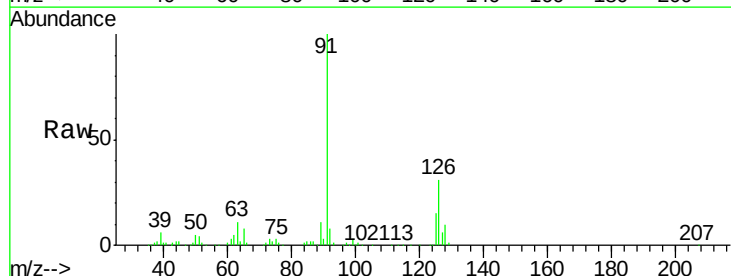
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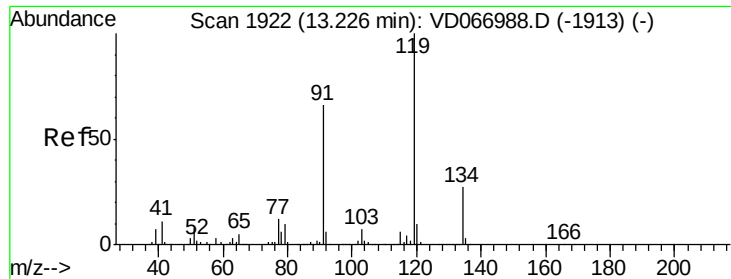
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#82
4-Chlorotoluene
Concen: 21.283 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.5	52.5





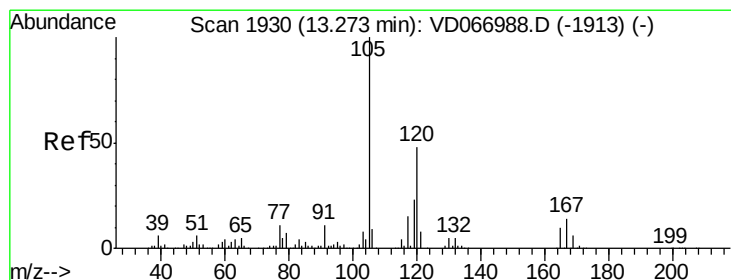
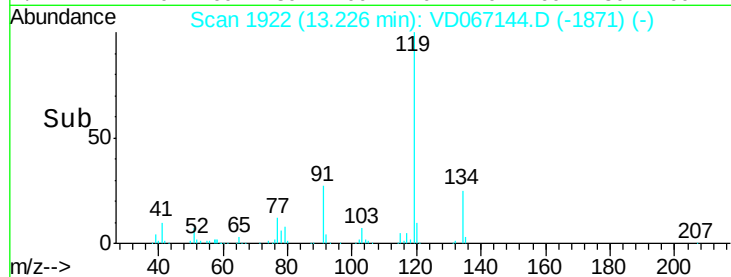
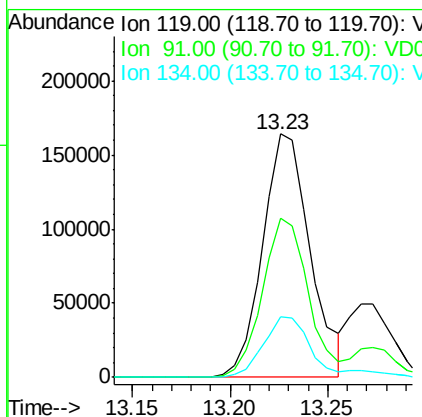
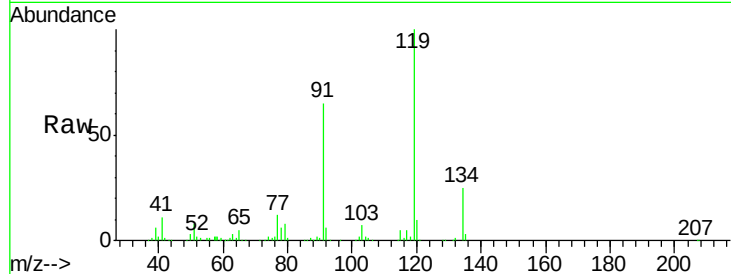
#83
tert-Butylbenzene
Concen: 21.731 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	32.8	98.3
134	24.5	13.9	41.7

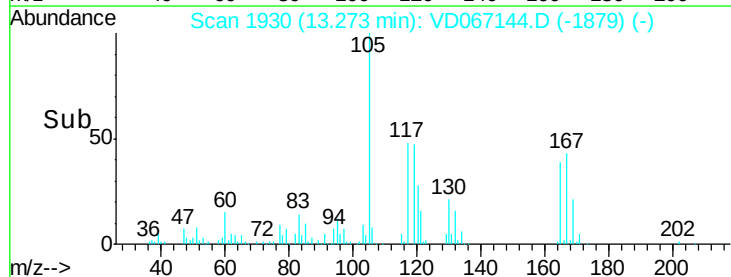
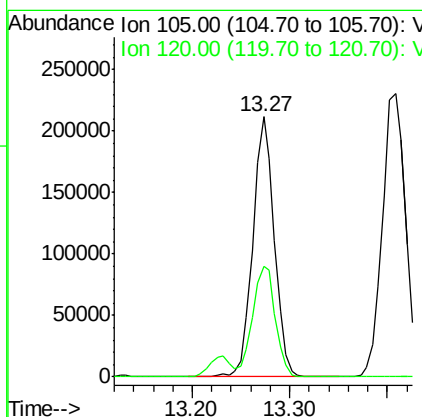
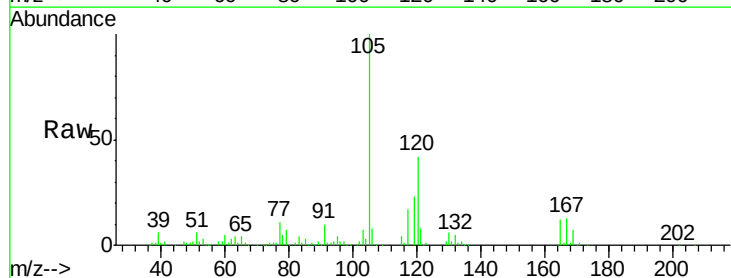
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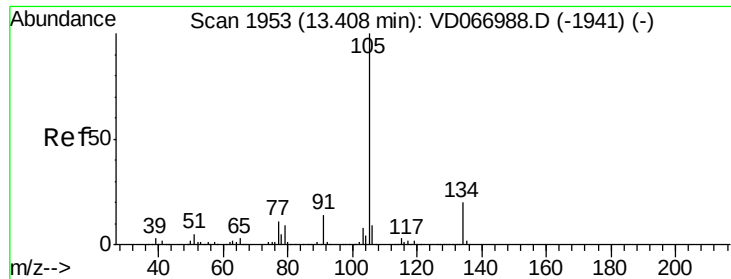
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#84
1,2,4-Trimethylbenzene
Concen: 21.656 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.3	69.8





#85

sec-Butylbenzene

Concen: 21.195 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

Tot Ion:105 Resp: 380770

Ion Ratio Lower Upper

105 100

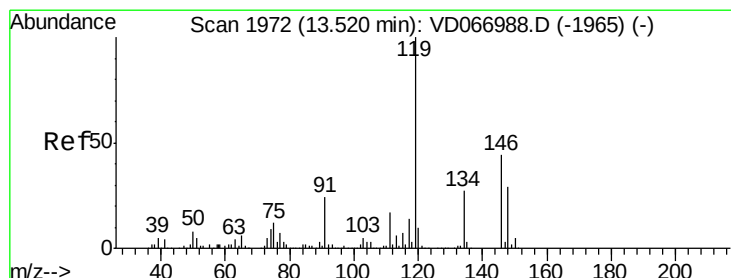
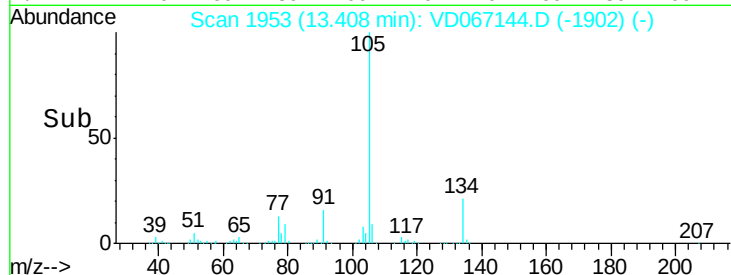
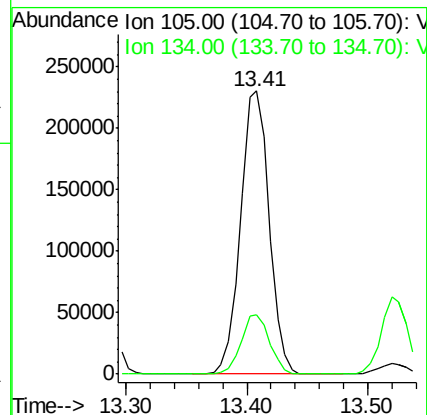
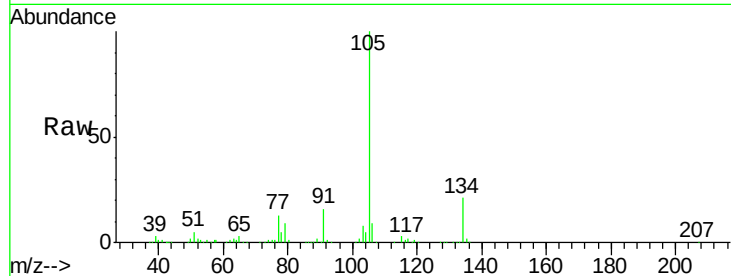
134 20.8 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 21.462 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

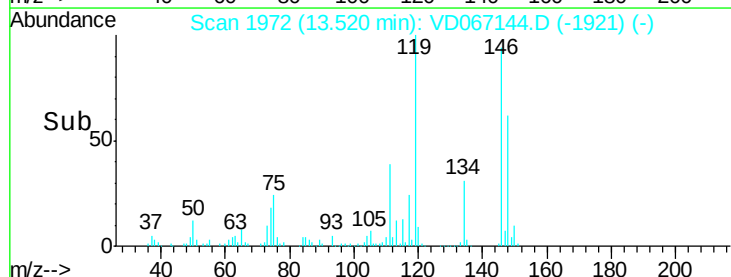
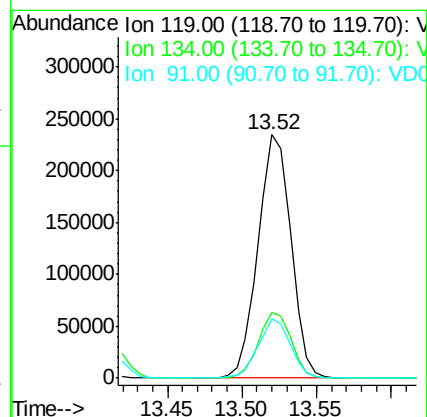
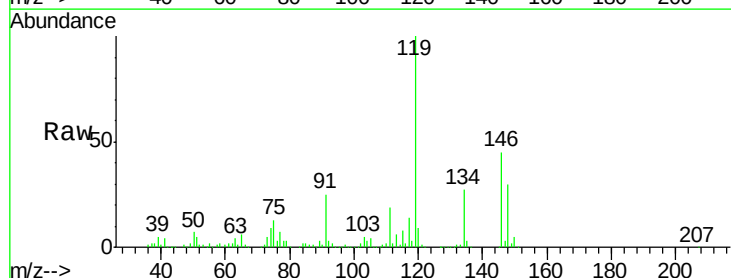
Tgt Ion:119 Resp: 357451

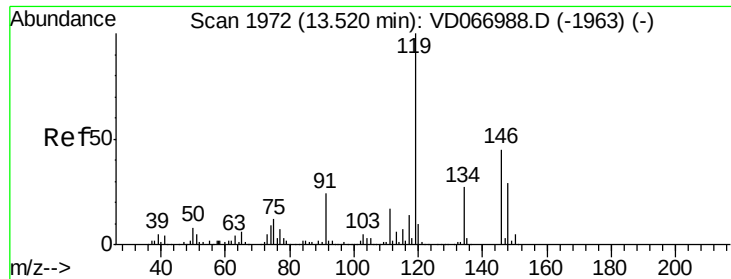
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 24.1 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 21.085 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

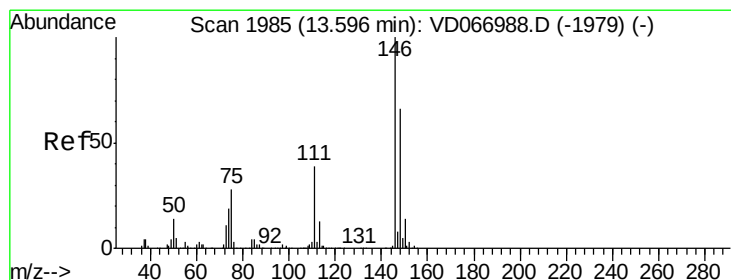
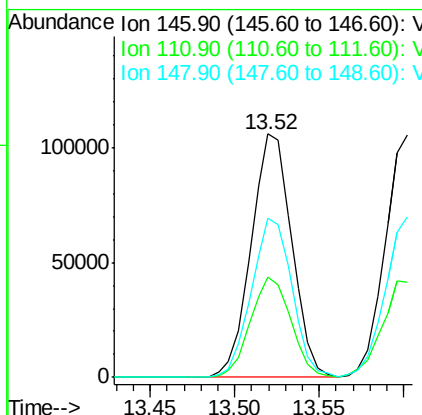
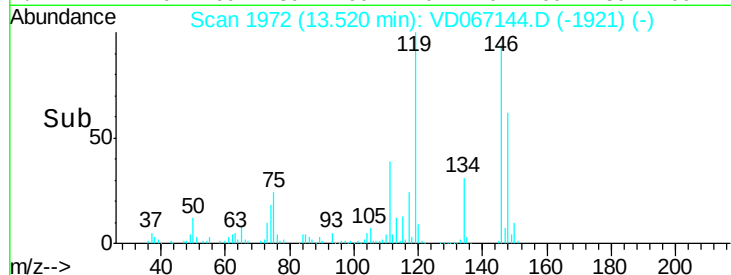
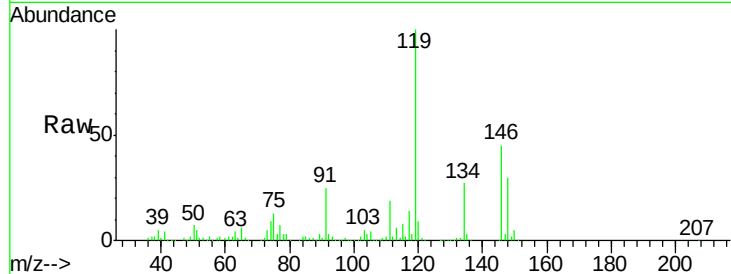
Instrument :
MSVOA_D

ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	177811		
111	41.0	20.0	60.0	
148	65.2	31.9	95.9	

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#88

1,4-Dichlorobenzene

Concen: 20.703 ug/l

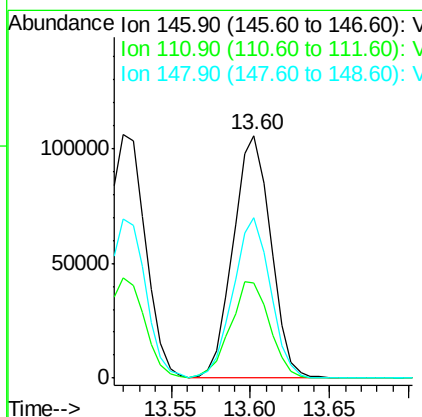
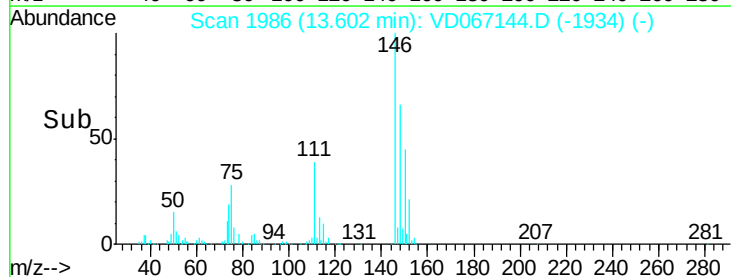
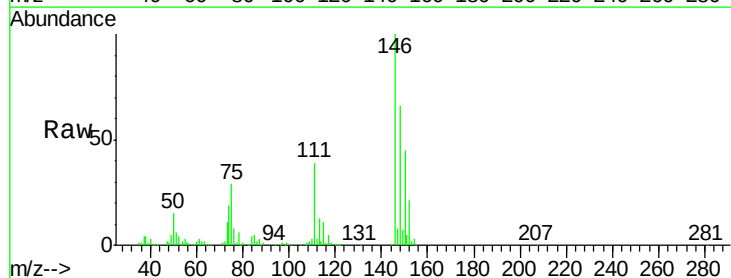
RT: 13.60 min Scan# 1986

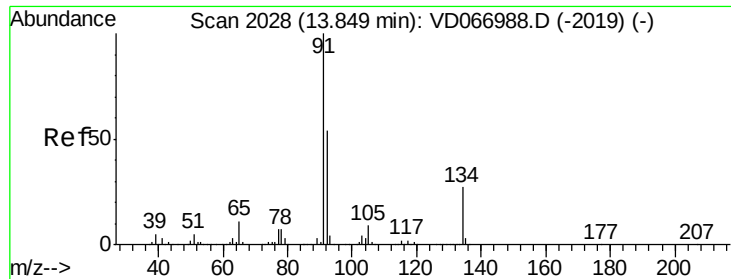
Delta R.T. 0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	174568		
111	41.5	19.6	58.7	
148	65.5	32.6	97.7	





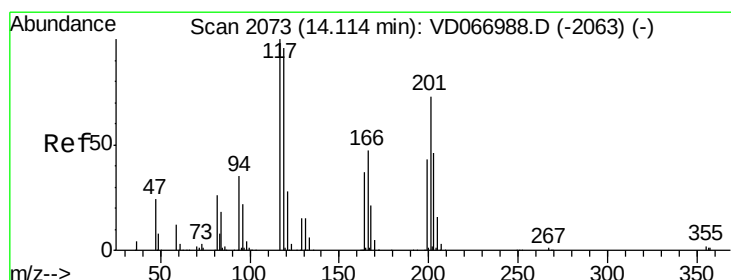
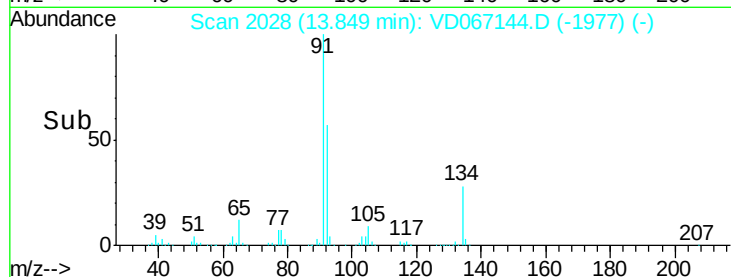
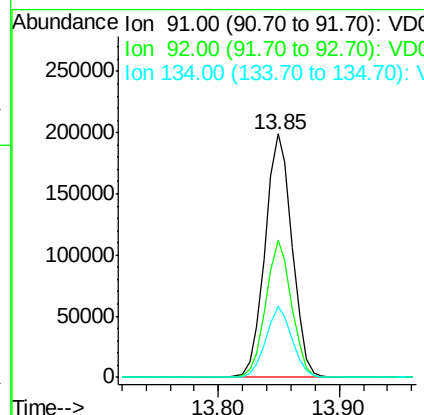
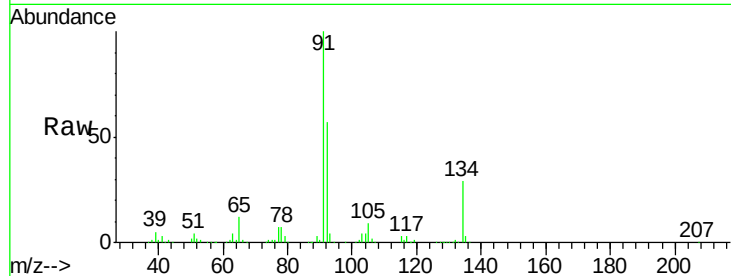
#89
n-Butylbenzene
Concen: 20.190 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.1	81.2
134	28.1	13.6	40.8

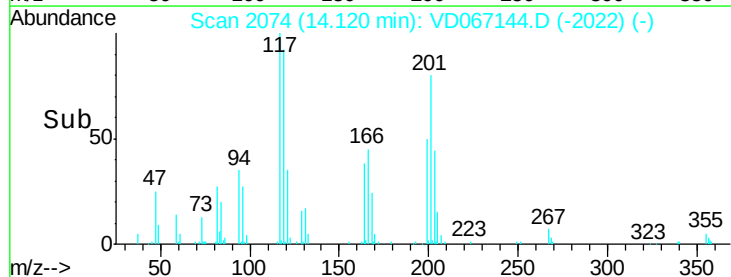
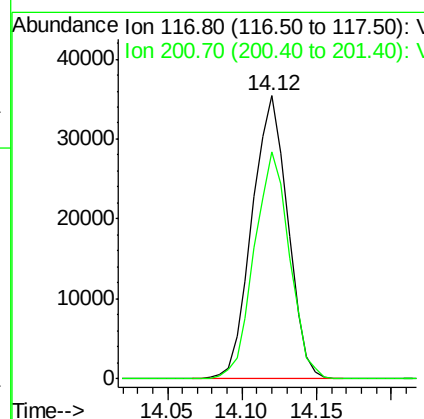
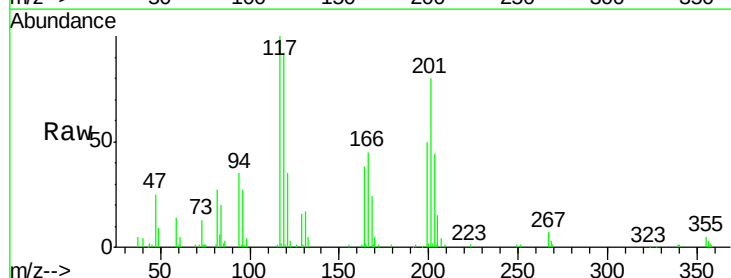
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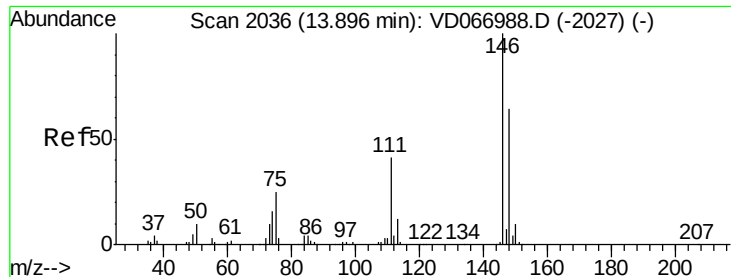
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#90
Hexachloroethane
Concen: 20.120 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	37.0	110.9





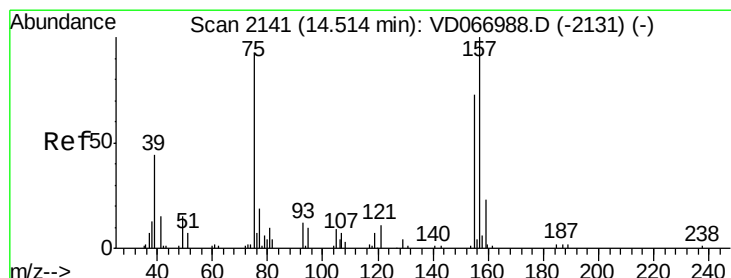
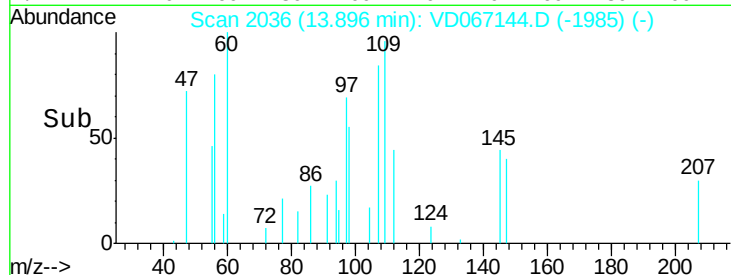
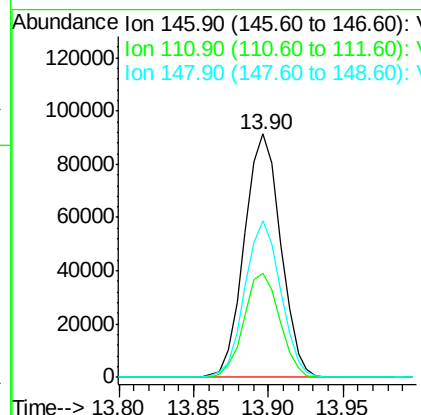
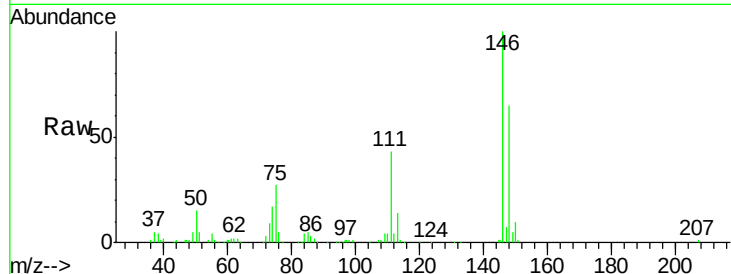
#91
 1,2-Dichlorobenzene
 Concen: 20.909 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.7
148	63.5	32.3	96.9

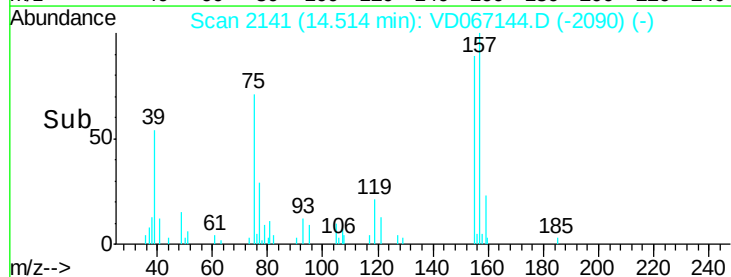
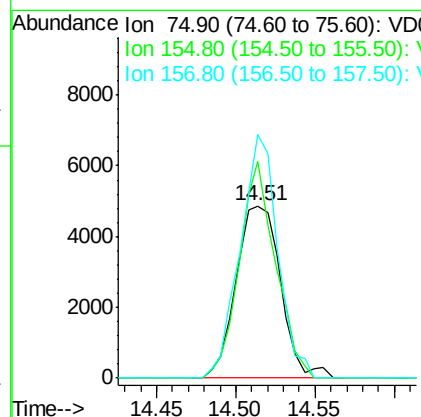
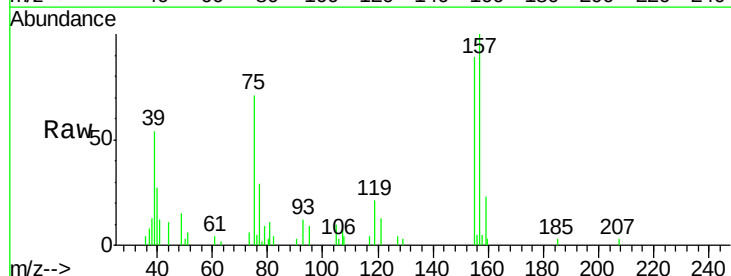
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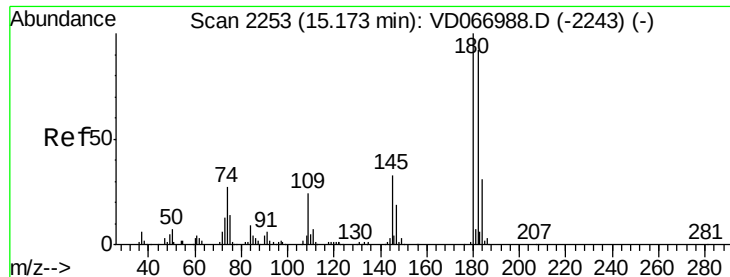
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.488 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	45.2	135.6
157	118.7	56.3	168.8





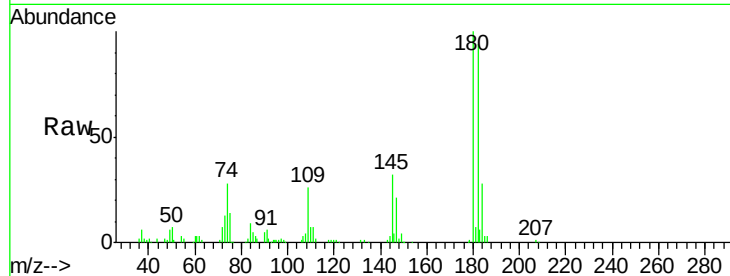
#93
 1,2,4-Trichlorobenzene
 Concen: 21.744 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.1	47.3	142.0	
145	33.0	16.4	49.1	

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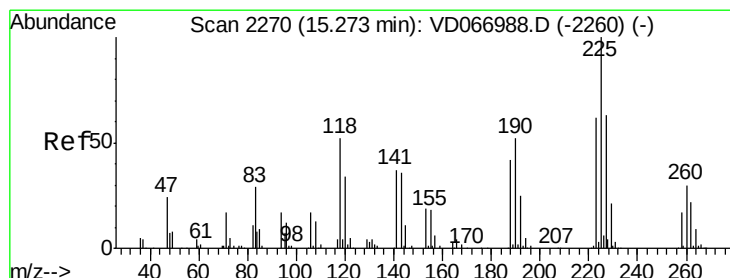
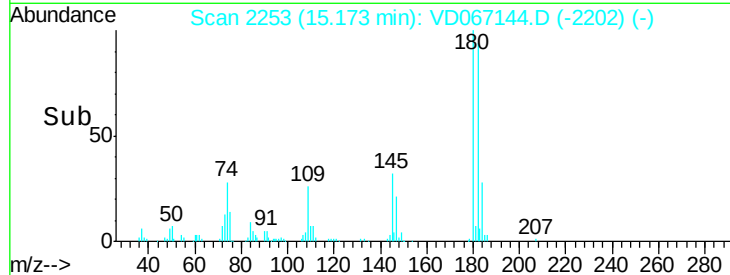
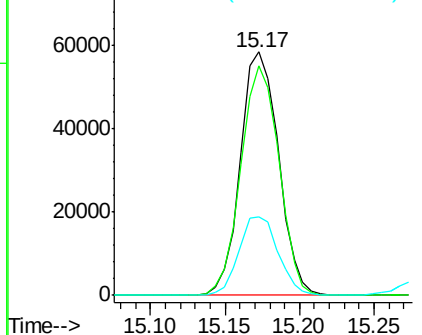


Abundance

Ion 179.80 (179.50 to 180.50): V

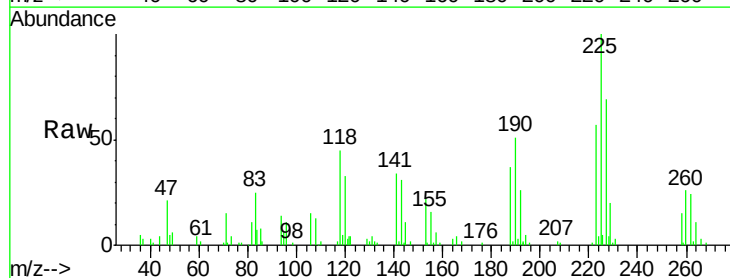
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.836 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	32.4	97.0	
227	66.1	31.6	95.0	

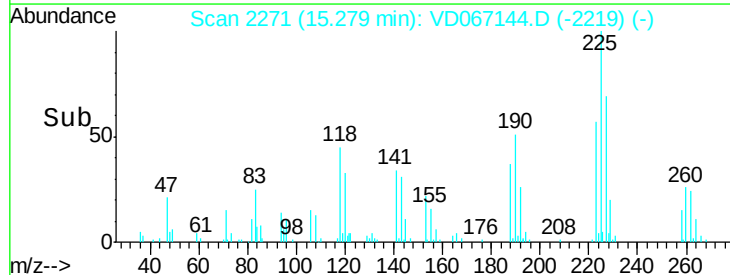
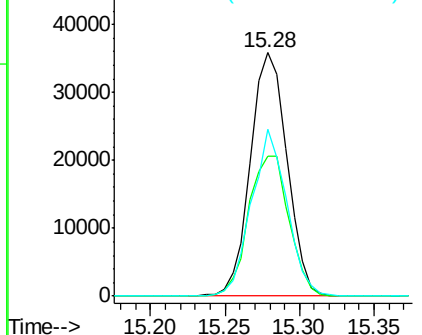


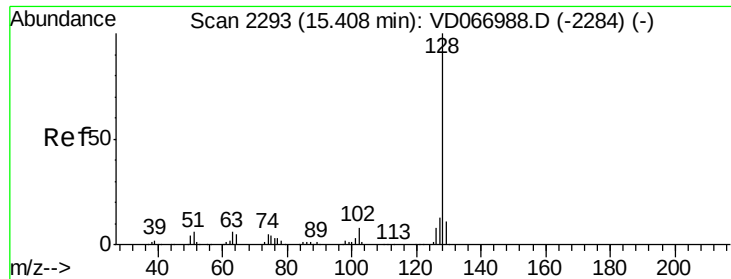
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.556 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

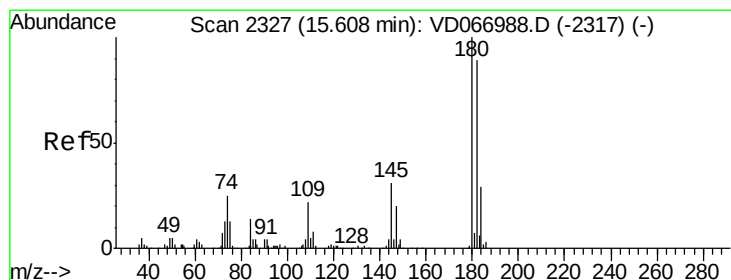
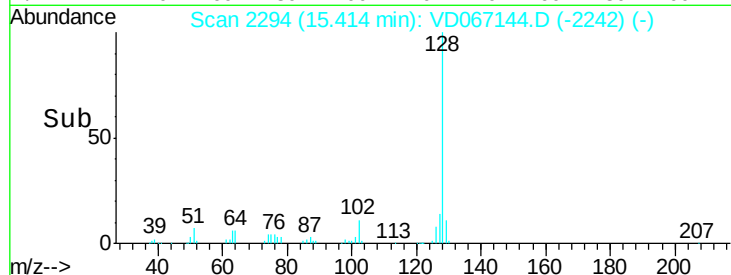
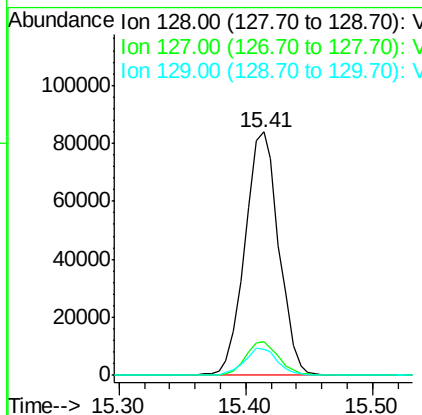
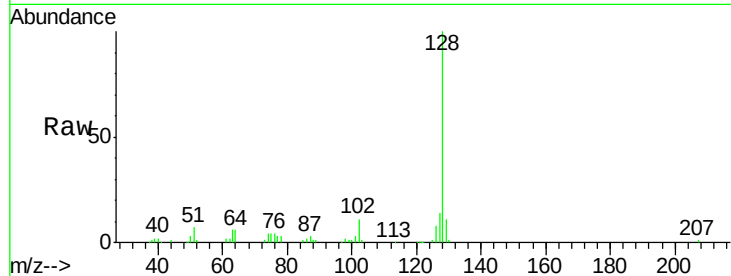
ClientSampleId :

VD1007SBS01

Tot Ion:	128	Resp:	155388
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/8/2020 5:39:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.989 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Tgt Ion:	180	Resp:	86801
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.4	139.1
145	34.4	16.6	49.7

