

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066885.D
 Acq On : 25 Sep 2020 20:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 11:45:25 AM

Quant Time: Sep 26 05:08:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	387692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	627184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	593015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	283521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	185938	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	7.91	113	195748	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.33	98	674051	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.63	95	242150	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	124859	45.685	ug/l	96
3) Chloromethane	2.20	50	150347	42.208	ug/l	96
4) Vinyl Chloride	2.35	62	147768	41.990	ug/l	91
5) Bromomethane	2.77	94	110429	44.645	ug/l	96
6) Chloroethane	2.92	64	94364	43.180	ug/l	95
7) Trichlorofluoromethane	3.27	101	319378	44.190	ug/l	99
8) Diethyl Ether	3.71	74	93487	50.952	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	189579	45.237	ug/l	98
10) Methyl Iodide	4.30	142	182568	49.368	ug/l	98
11) Tert butyl alcohol	5.22	59	62959	280.476	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	171751	45.241	ug/l	95
13) Acrolein	3.92	56	87152	311.341	ug/l	97
14) Allyl chloride	4.71	41	264412	47.431	ug/l	98
15) Acrylonitrile	5.43	53	207857	255.631	ug/l	99
16) Acetone	4.16	43	163374	202.959	ug/l	95
17) Carbon Disulfide	4.41	76	517019	44.546	ug/l	100
18) Methyl Acetate	4.71	43	99624	55.896	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	441736	53.580	ug/l	93
20) Methylene Chloride	4.97	84	232885	54.082	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	210207	47.820	ug/l	93
22) Diisopropyl ether	6.37	45	599789	52.329	ug/l	96
23) Vinyl Acetate	6.31	43	1561914	250.978	ug/l	98
24) 1,1-Dichloroethane	6.27	63	372714	48.607	ug/l #	97
25) 2-Butanone	7.21	43	244985	253.255	ug/l	99
26) 2,2-Dichloropropane	7.21	77	301685	42.926	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	247165	51.750	ug/l	96
28) Bromochloromethane	7.54	49	170275	53.752	ug/l #	96
29) Tetrahydrofuran	7.56	42	166483	268.596	ug/l	98
30) Chloroform	7.71	83	406822	49.219	ug/l	98
31) Cyclohexane	7.98	56	290708	42.135	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	350881	46.927	ug/l	99
36) 1,1-Dichloropropene	8.11	75	288643	46.389	ug/l	99
37) Ethyl Acetate	7.30	43	121133	53.852	ug/l	99
38) Carbon Tetrachloride	8.10	117	309405	45.483	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	329675	46.147	ug/l	98
40) Benzene	8.35	78	848004	48.901	ug/l	96
41) Methacrylonitrile	7.52	41	72227	52.214	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	252531	49.260	ug/l	99
43) Isopropyl Acetate	8.45	43	219133	50.530	ug/l	100
44) Trichloroethene	9.11	130	238122	48.176	ug/l	98
45) 1,2-Dichloropropane	9.38	63	211098	48.383	ug/l	94
46) Dibromomethane	9.47	93	122500	51.676	ug/l	97
47) Bromodichloromethane	9.66	83	321211	50.441	ug/l	95
48) Methyl methacrylate	9.45	41	110765	51.804	ug/l	99
49) 1,4-Dioxane	9.46	88	28669	1074.128	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	596630	271.515	ug/l	99
52) Toluene	10.40	92	570965	51.116	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	279496	51.567	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	338129	51.163	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	166266	51.020	ug/l	98
56) Ethyl methacrylate	10.66	69	195308	55.944	ug/l	97
57) 1,3-Dichloropropane	10.94	76	286043	53.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	426560	258.049	ug/l	100
59) 2-Hexanone	10.98	43	401014	270.612	ug/l	98
60) Dibromochloromethane	11.14	129	222432	52.298	ug/l	99
61) 1,2-Dibromoethane	11.24	107	164885	54.397	ug/l	98
64) Tetrachloroethene	10.87	164	206120	48.321	ug/l	93
65) Chlorobenzene	11.67	112	603815	48.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	234612	50.217	ug/l	98
67) Ethyl Benzene	11.74	91	1076336	49.647	ug/l	99
68) m/p-Xylenes	11.85	106	830929	101.230	ug/l	100
69) o-Xylene	12.18	106	379630	51.148	ug/l	100
70) Styrene	12.19	104	676682	52.498	ug/l	99
71) Bromoform	12.36	173	123744	52.313	ug/l #	97
73) Isopropylbenzene	12.48	105	1031098	50.343	ug/l	99
74) N-amyl acetate	12.28	43	205068	51.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	178765	50.582	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	107410m	45.714	ug/l	
77) Bromobenzene	12.76	156	245712	51.295	ug/l	96
78) n-propylbenzene	12.82	91	1207536	49.007	ug/l	100
79) 2-Chlorotoluene	12.91	91	693328	49.378	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	881428	50.719	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	51461	54.797	ug/l	96
82) 4-Chlorotoluene	13.00	91	744752	50.316	ug/l	100
83) tert-Butylbenzene	13.23	119	728267	50.997	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	876001	50.833	ug/l	99
85) sec-Butylbenzene	13.40	105	1011973	49.279	ug/l	99
86) p-Isopropyltoluene	13.52	119	933659	50.439	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	467392	49.388	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	460972	49.043	ug/l	99
89) n-Butylbenzene	13.84	91	851290	48.385	ug/l	99
90) Hexachloroethane	14.11	117	183264	48.766	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	408939	50.508	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29810	52.434	ug/l	99

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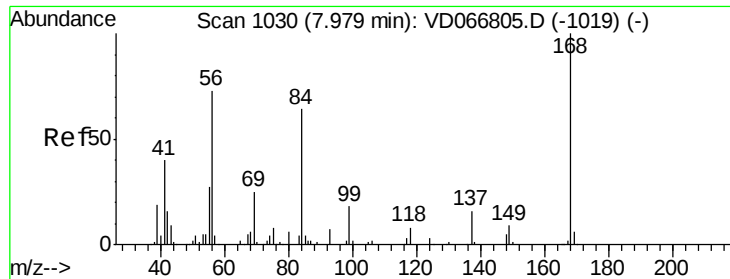
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	264532	51.901	ug/l	95
94) Hexachlorobutadiene	15.27	225	147491	48.290	ug/l	98
95) Naphthalene	15.40	128	479610	55.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	229548	52.180	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 387692

Ion Ratio Lower Upper

168 100

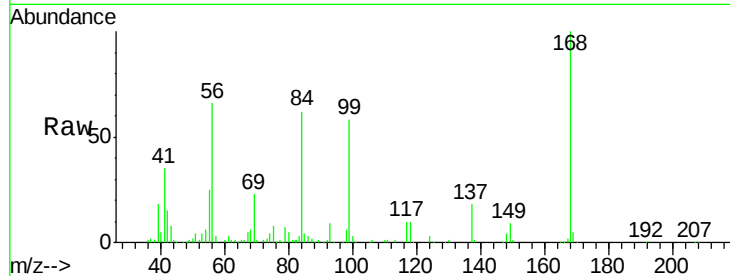
99 57.6 46.6 69.8

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9/29/2020 11:45:25 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

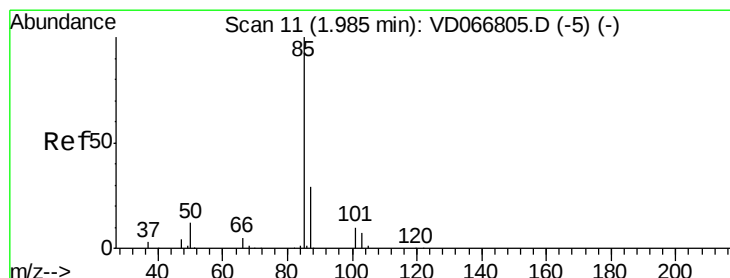
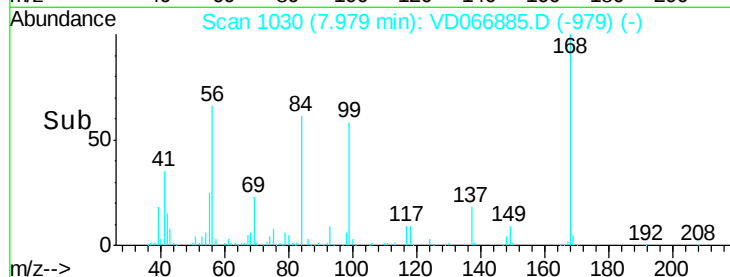
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.685 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066885.D

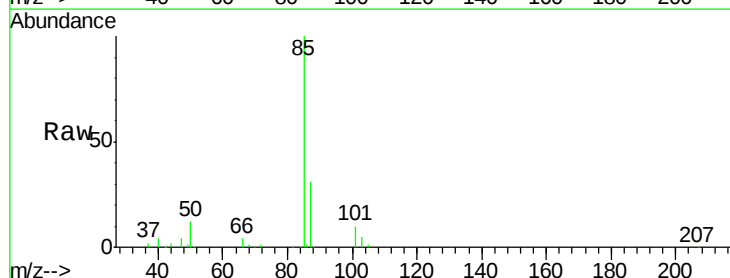
Acq: 25 Sep 2020 20:18

Tgt Ion: 85 Resp: 124859

Ion Ratio Lower Upper

85 100

87 31.3 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

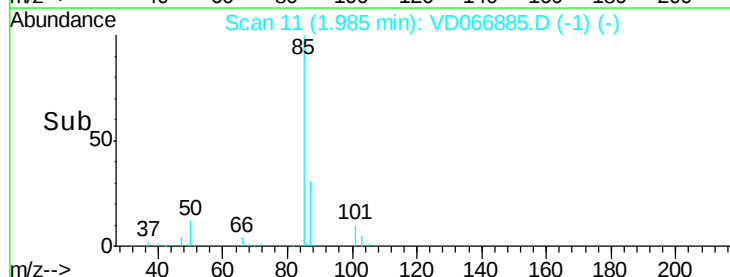
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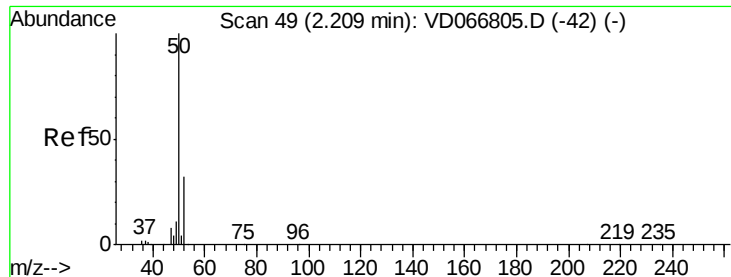
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 42.208 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 150347

Ion Ratio Lower Upper

50 100

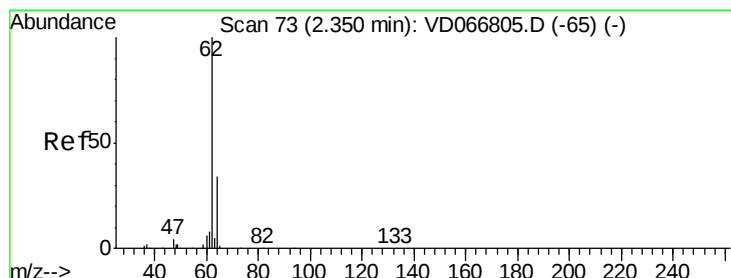
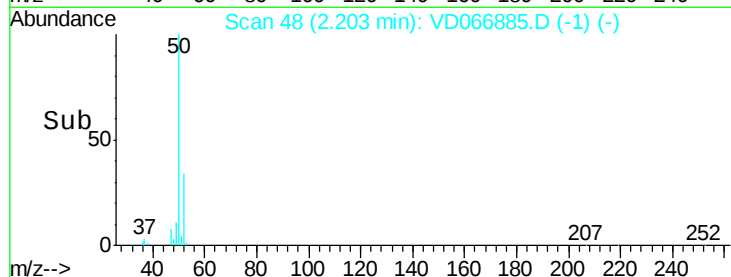
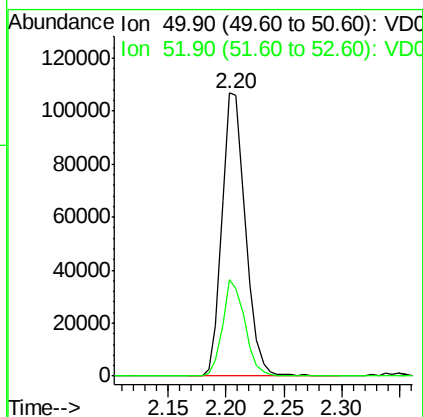
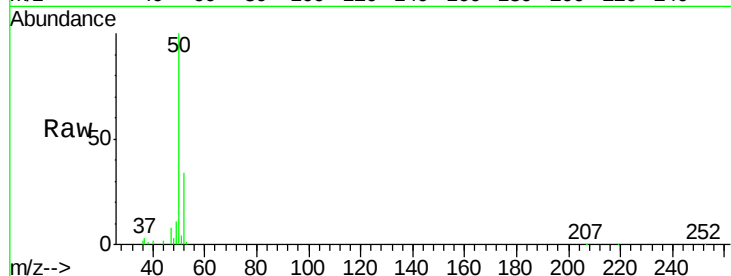
52 34.0 25.5 38.3

Manual Integrations

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9/29/2020 11:45:25 AM



#4

Vinyl Chloride

Concen: 41.990 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066885.D

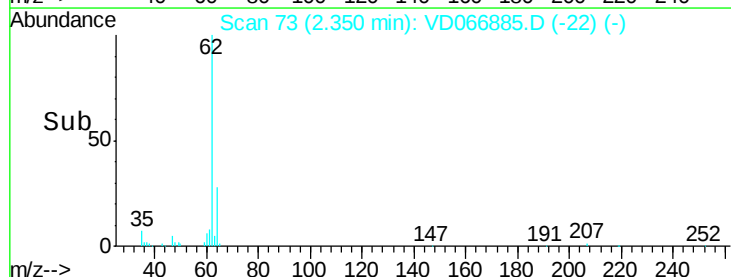
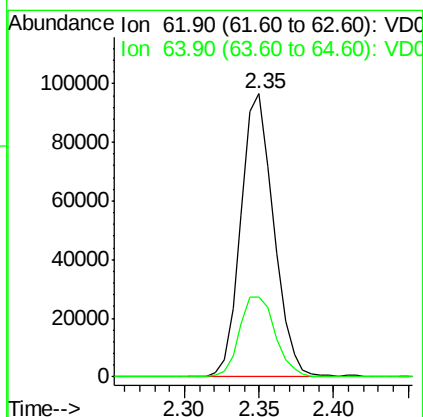
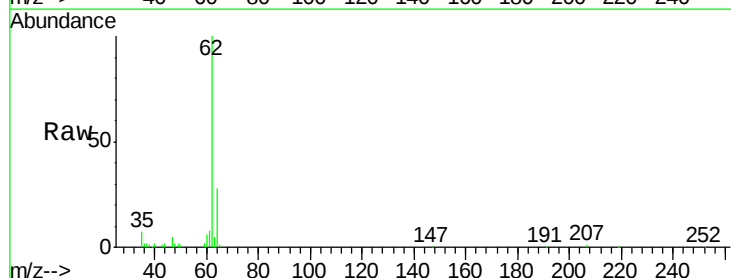
Acq: 25 Sep 2020 20:18

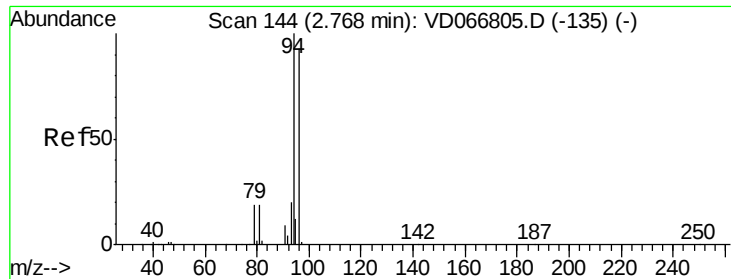
Tgt Ion: 62 Resp: 147768

Ion Ratio Lower Upper

62 100

64 28.3 27.0 40.4





#5

Bromomethane

Concen: 44.645 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 110429

Ion Ratio Lower Upper

94 100

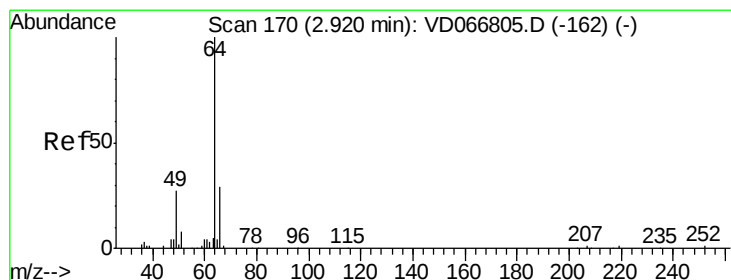
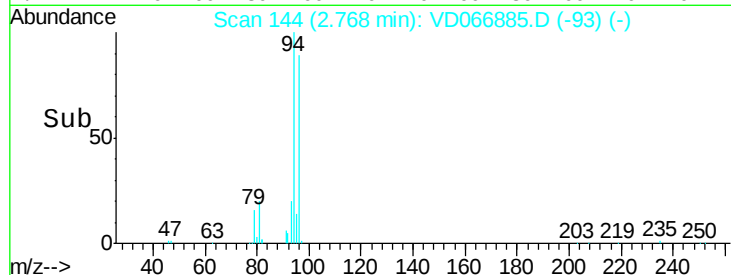
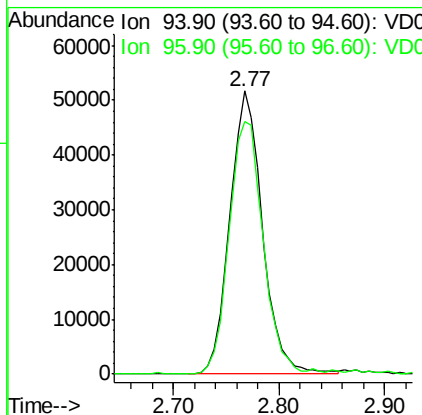
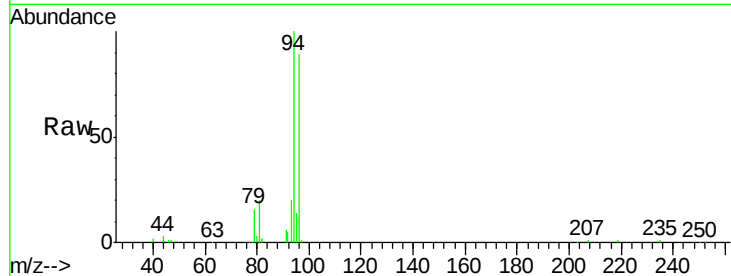
96 89.4 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 43.180 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066885.D

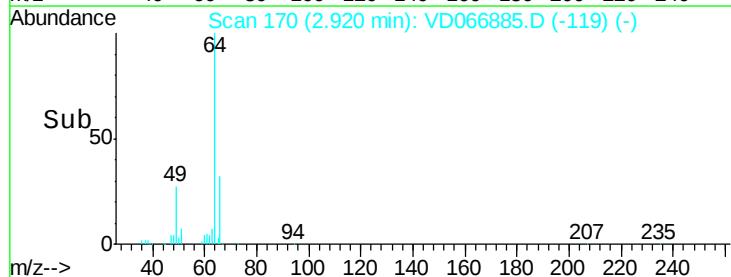
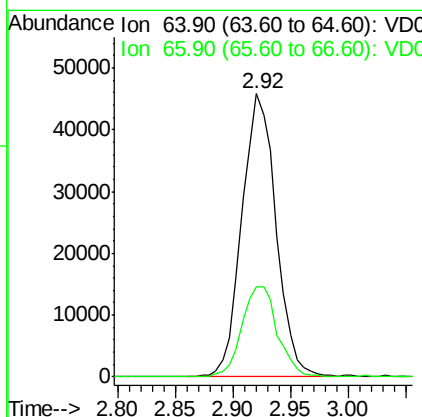
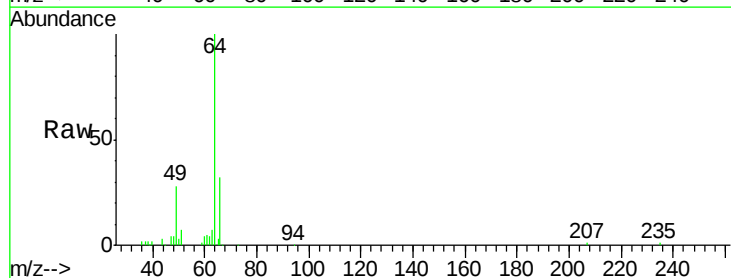
Acq: 25 Sep 2020 20:18

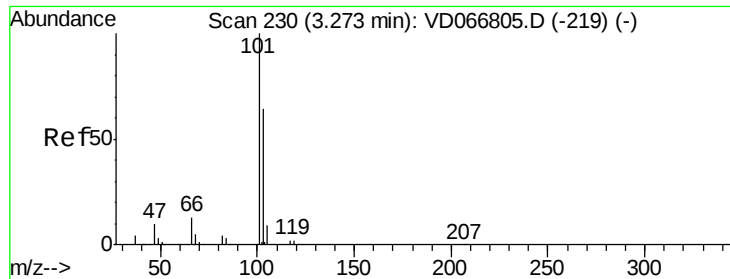
Tgt Ion: 64 Resp: 94364

Ion Ratio Lower Upper

64 100

66 31.9 23.3 34.9





#7

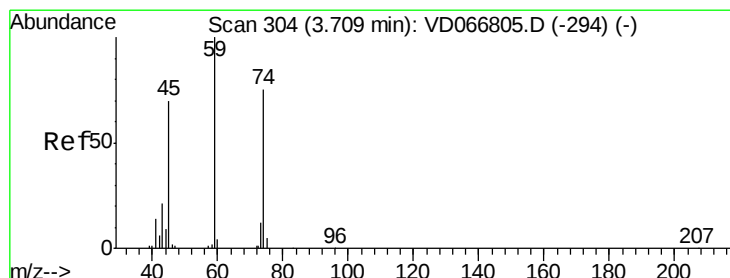
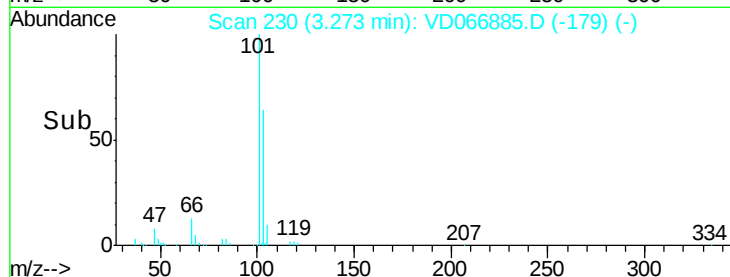
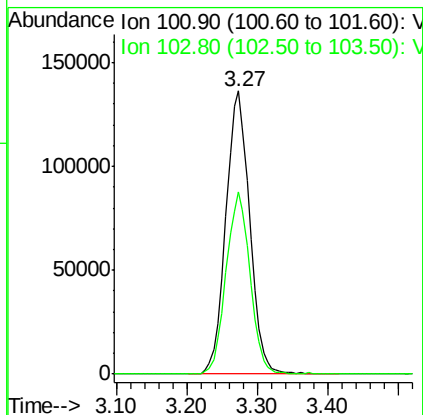
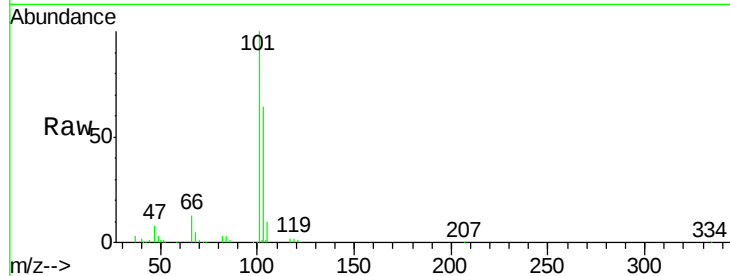
Trichlorofluoromethane
 Concen: 44.190 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066885.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.0	76.6

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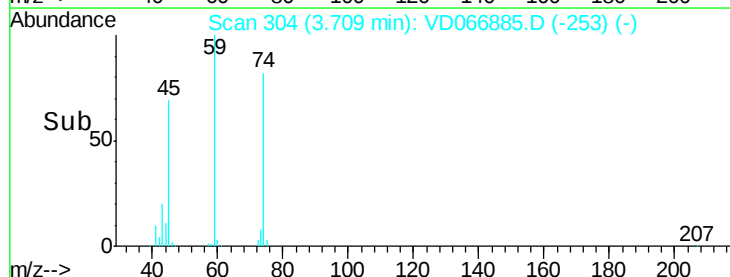
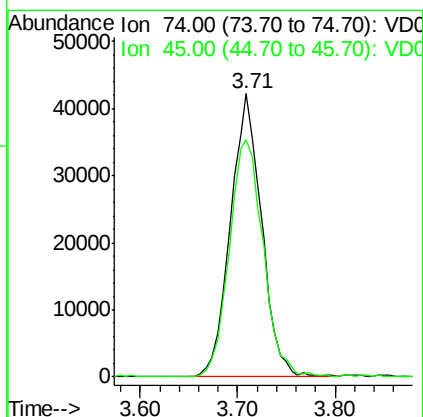
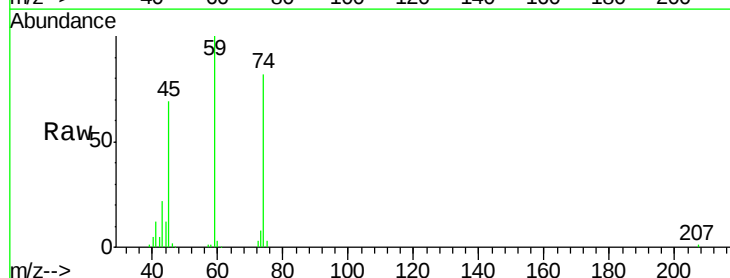
MMDadoda
 9/29/2020 11:45:25 AM

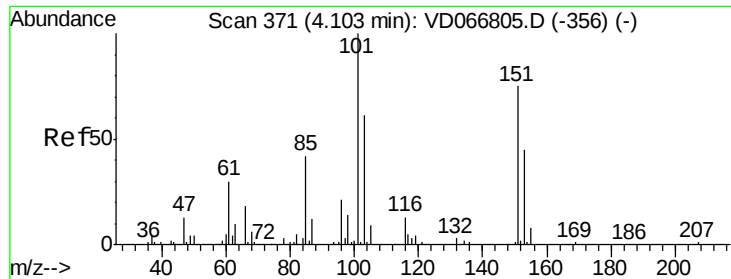


#8

Diethyl Ether
 Concen: 50.952 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.0	46.0	138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.237 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

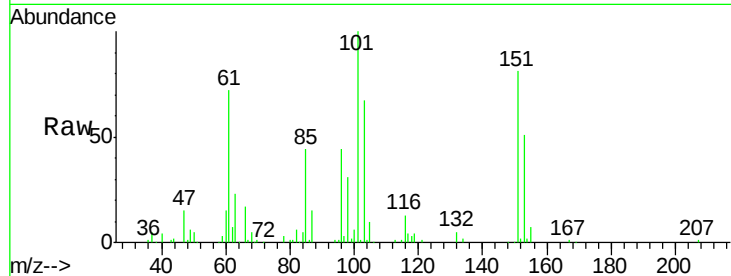
ClientSampleId :

VSTDCCC050EC

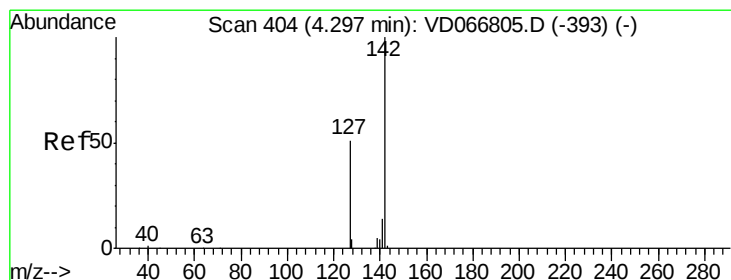
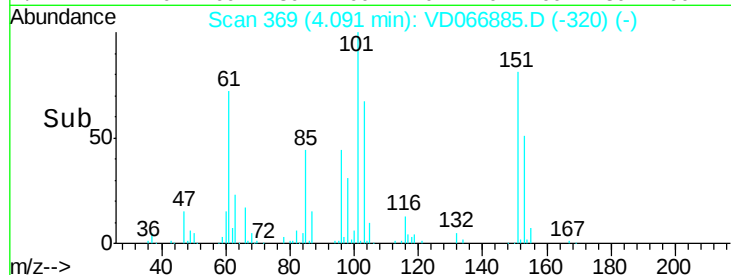
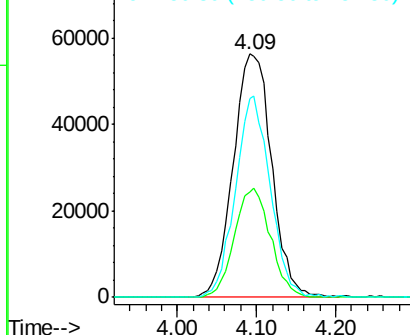
Tot Ion:	101	Resp:	189579
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.4	53.2
151	75.2	61.4	92.0

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.368 ug/l

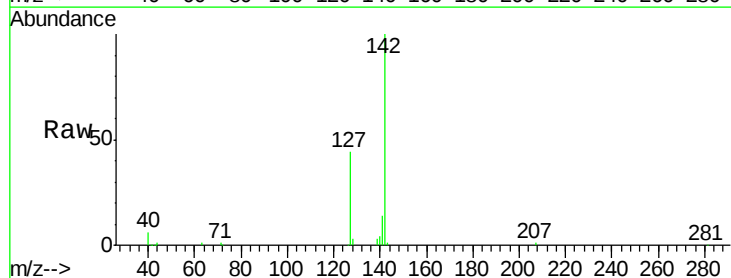
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

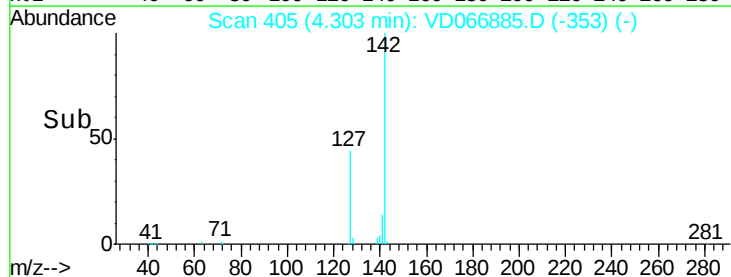
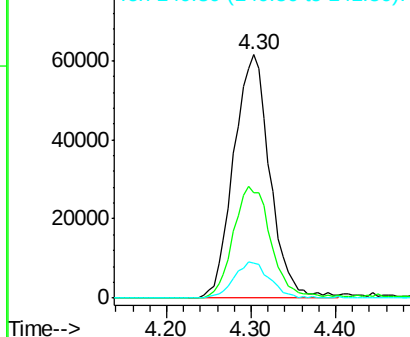
Lab File: VD066885.D

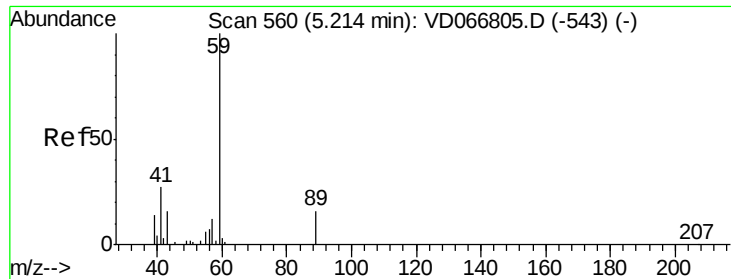
Acq: 25 Sep 2020 20:18

Tgt Ion:	142	Resp:	182568
Ion Ratio	Lower	Upper	
142	100		
127	47.3	39.4	59.0
141	14.7	12.1	18.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

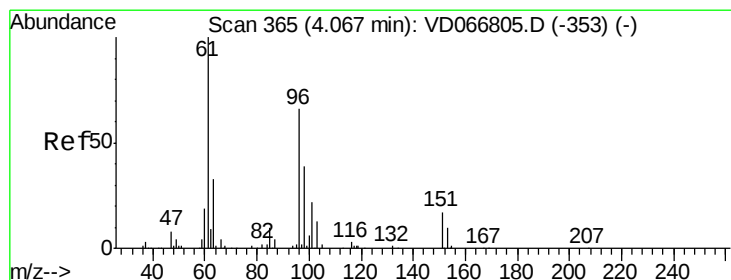
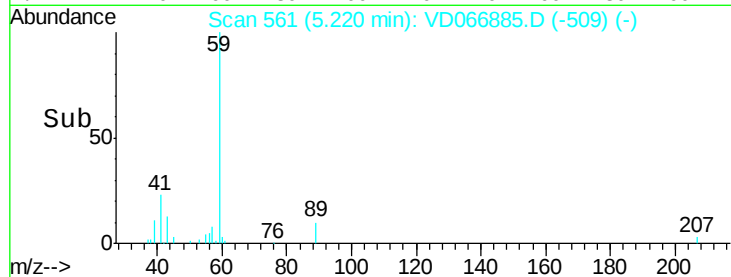
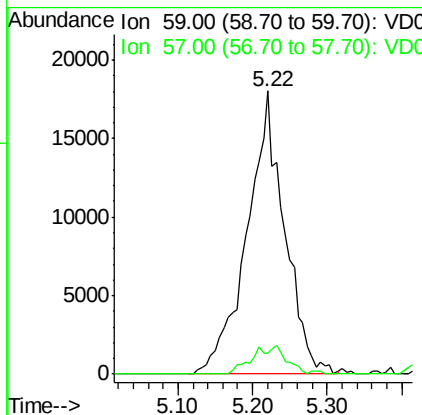
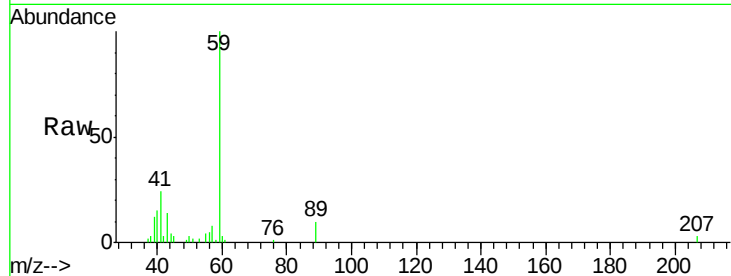
Tert butyl alcohol
Concen: 280.476 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.8	8.3	12.5#

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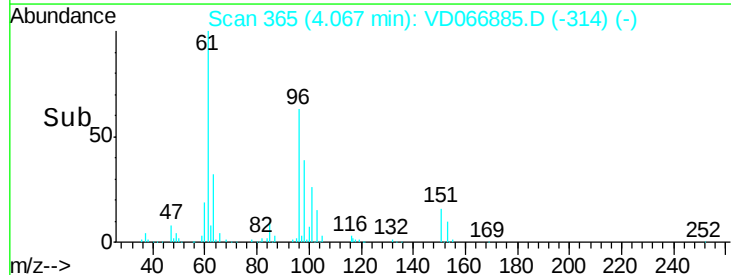
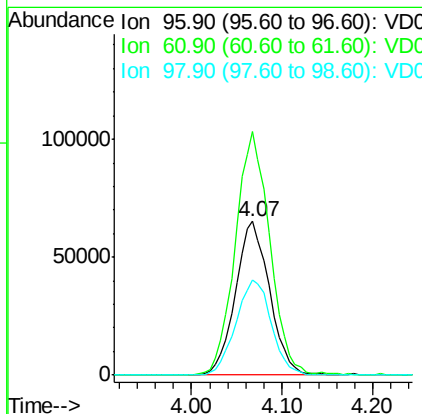
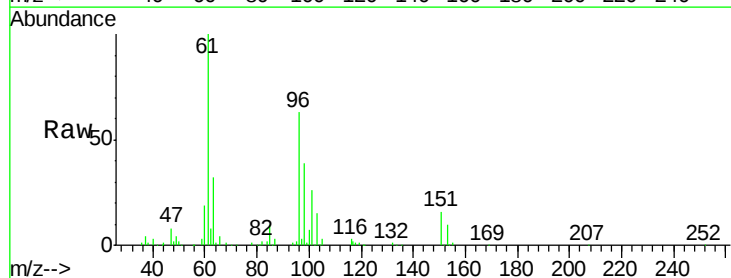
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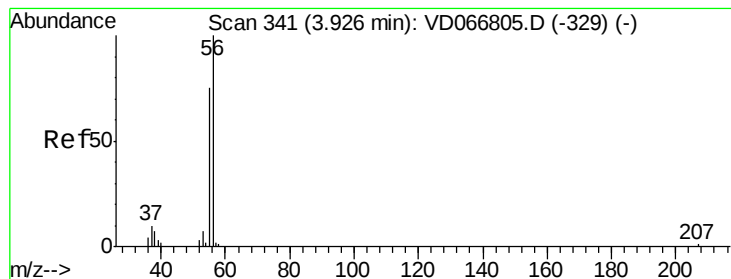


#12

1,1-Dichloroethene
Concen: 45.241 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.2	120.8	181.2
98	62.2	47.7	71.5





#13

Acrolein

Concen: 311.341 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 87152

Ion Ratio Lower Upper

56 100

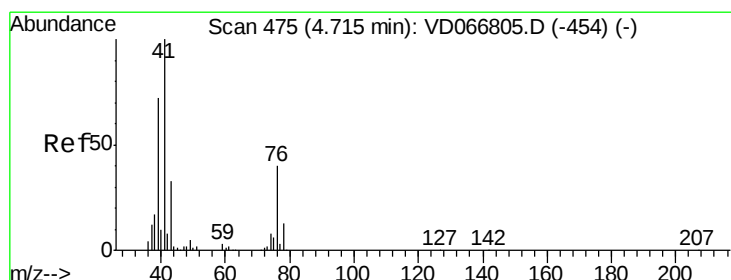
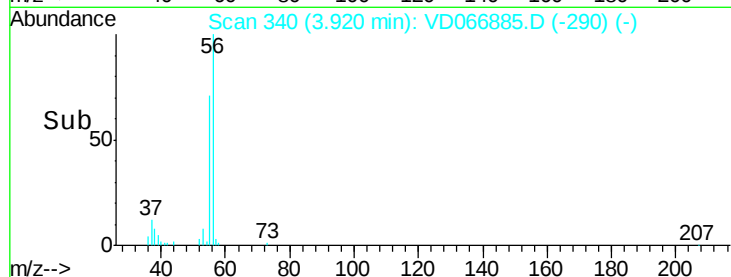
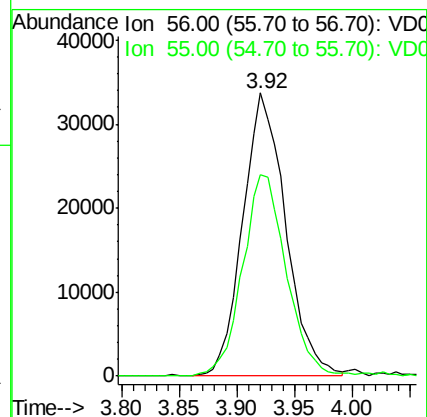
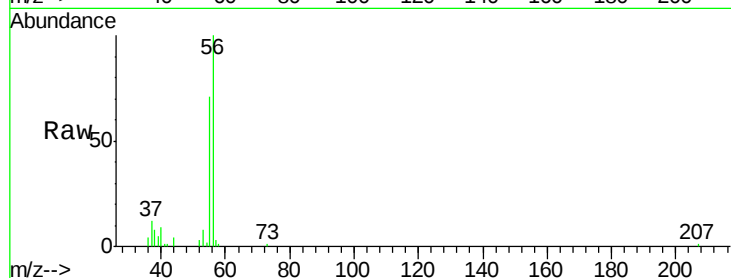
55 72.6 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 47.431 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

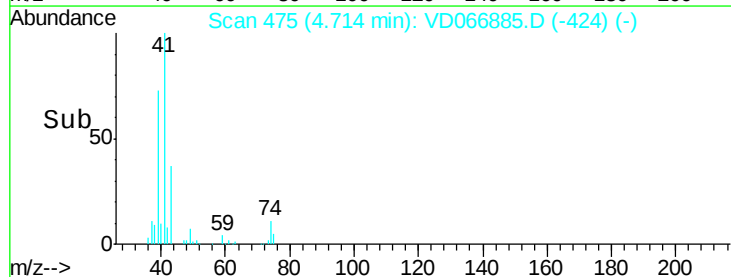
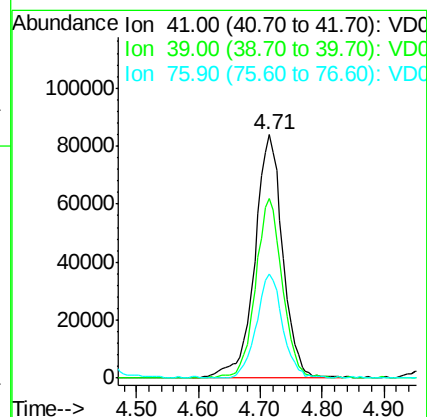
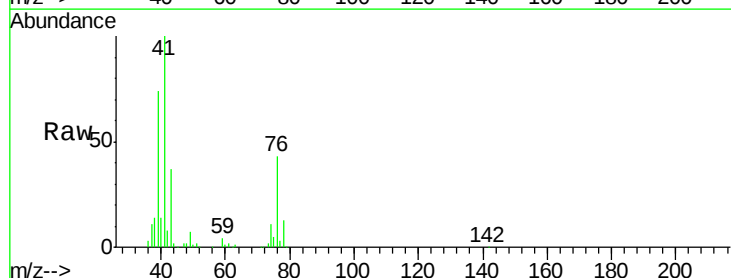
Tgt Ion: 41 Resp: 264412

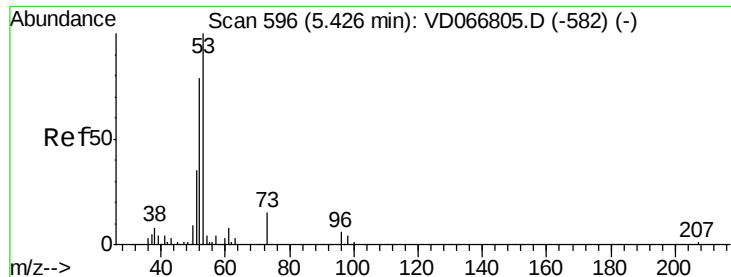
Ion Ratio Lower Upper

41 100

39 70.5 57.8 86.8

76 39.9 30.9 46.3





#15

Acrylonitrile

Concen: 255.631 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

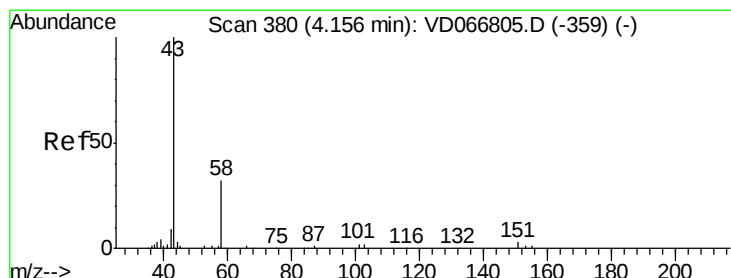
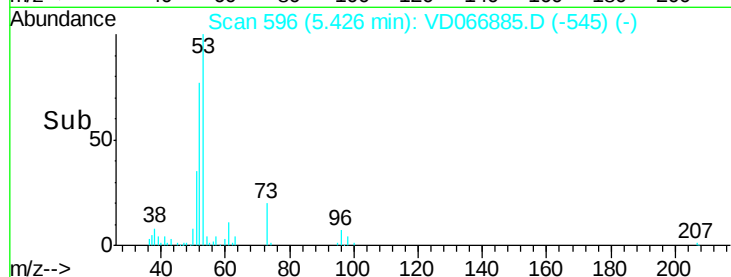
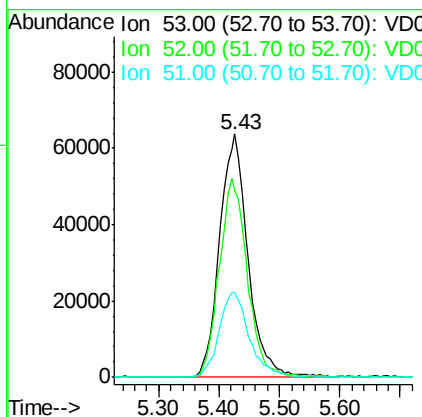
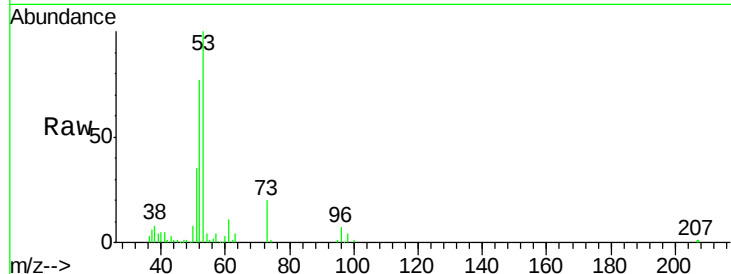
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	207857
Ion Ratio		Lower	Upper
53	100		
52	80.5	65.2	97.8
51	36.9	30.6	46.0

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#16

Acetone

Concen: 202.959 ug/l

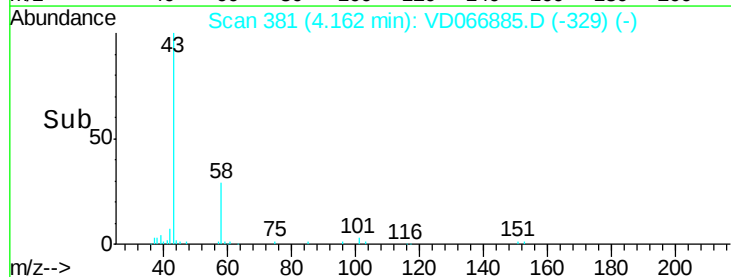
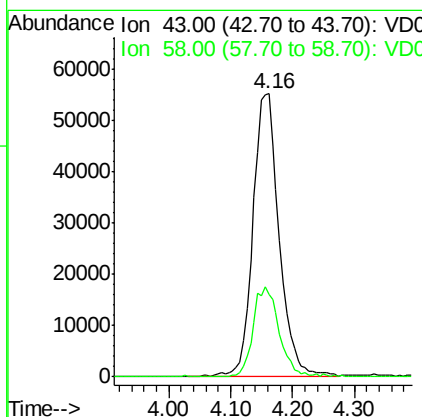
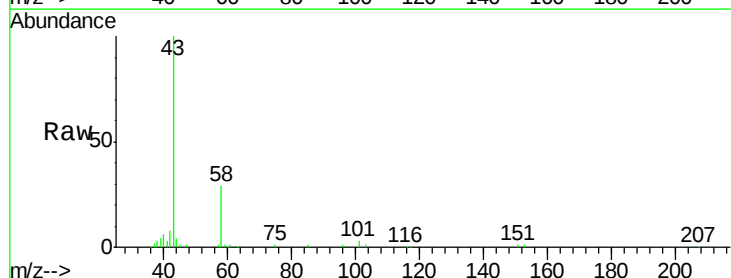
RT: 4.16 min Scan# 381

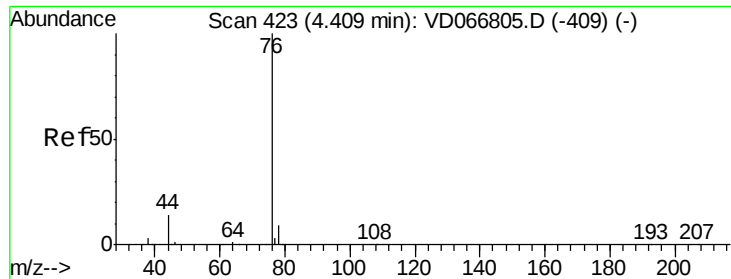
Delta R.T. 0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Tgt Ion:	43	Resp:	163374
Ion Ratio		Lower	Upper
43	100		
58	29.2	25.6	38.4





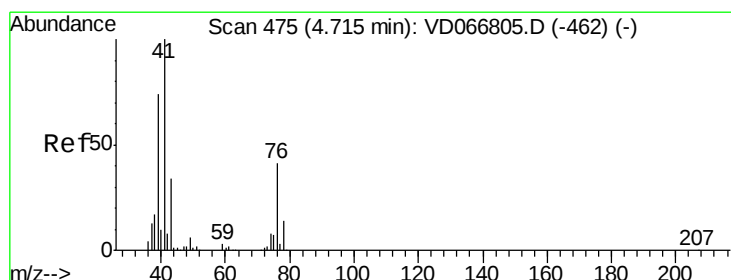
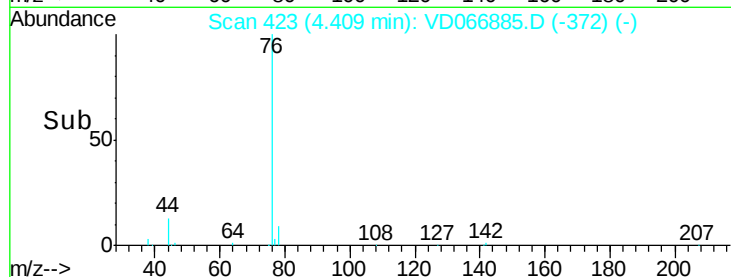
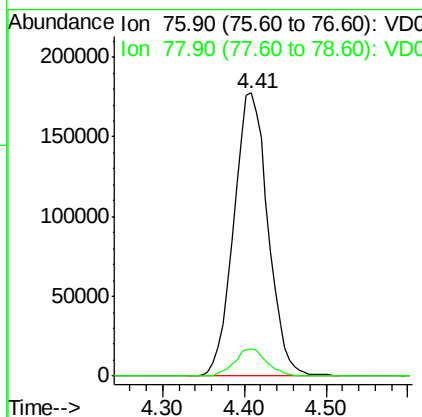
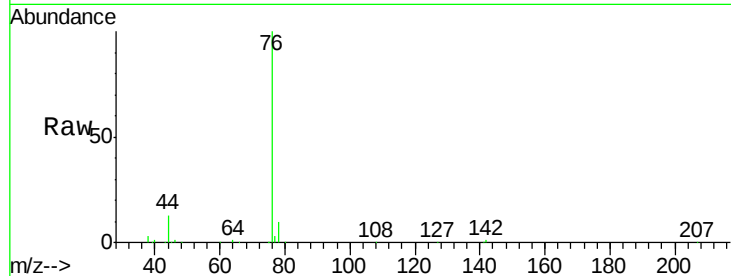
#17
Carbon Disulfide
Concen: 44.546 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.6	11.4

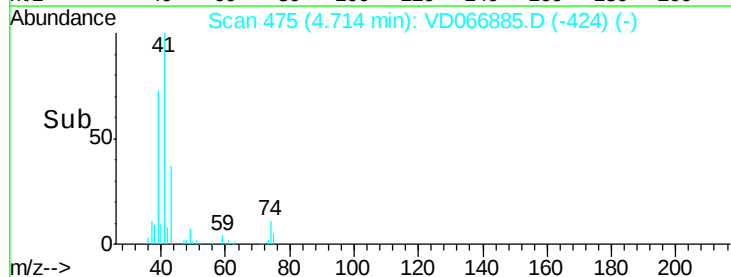
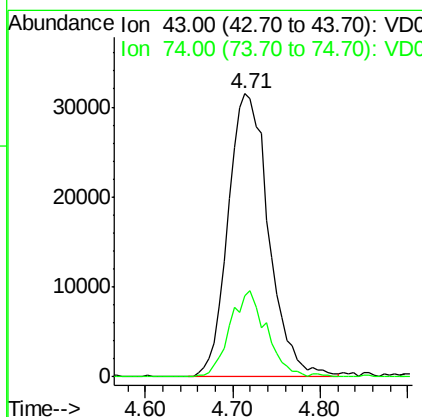
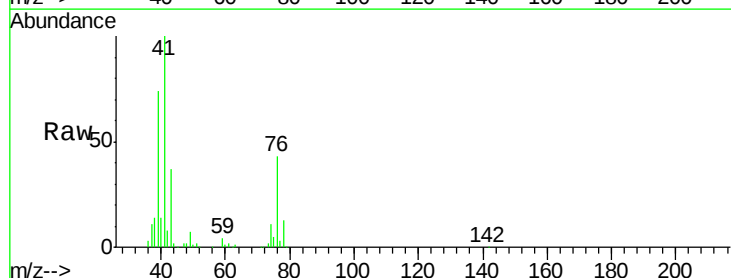
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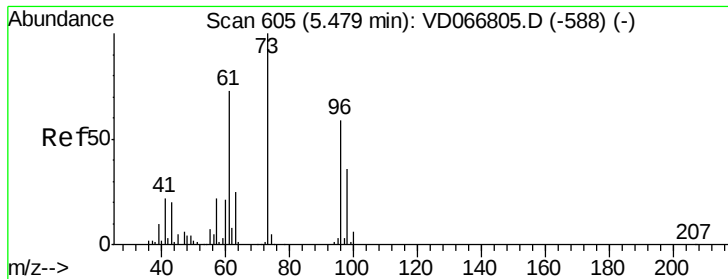
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#18
Methyl Acetate
Concen: 55.896 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	20.3	30.5





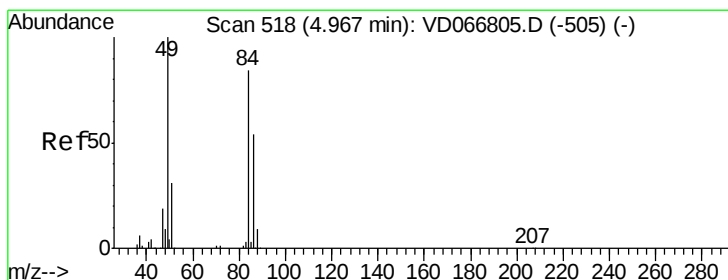
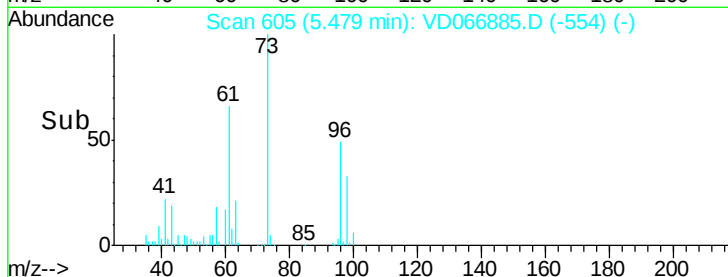
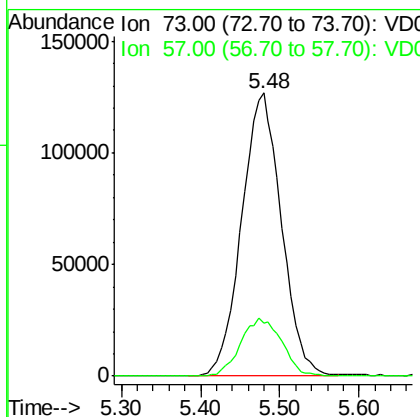
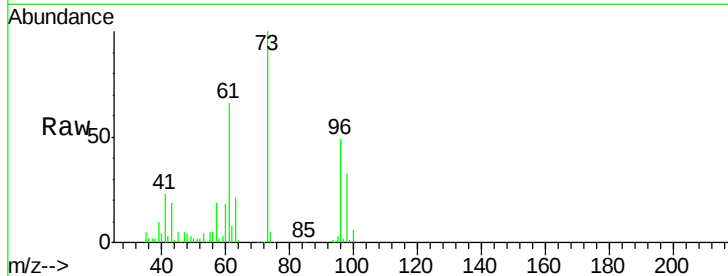
#19
Methvl tert-butvl Ether
Concen: 53.580 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 441736
Ion Ratio Lower Upper
73 100
57 18.6 17.4 26.2

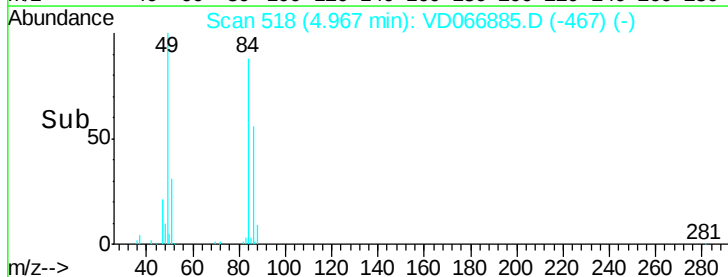
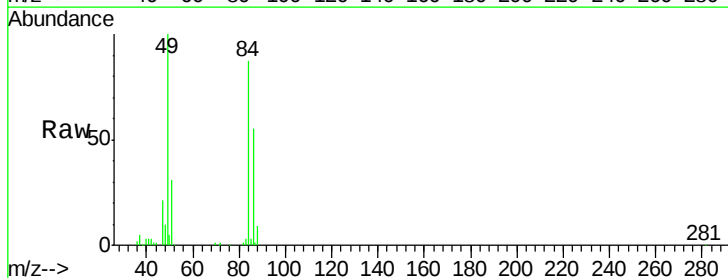
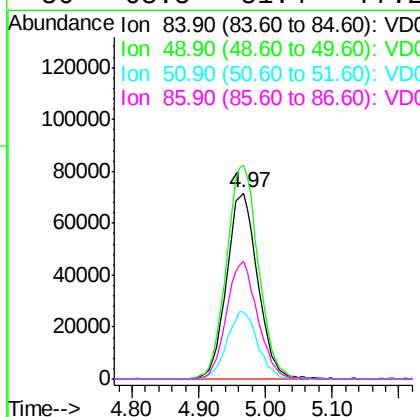
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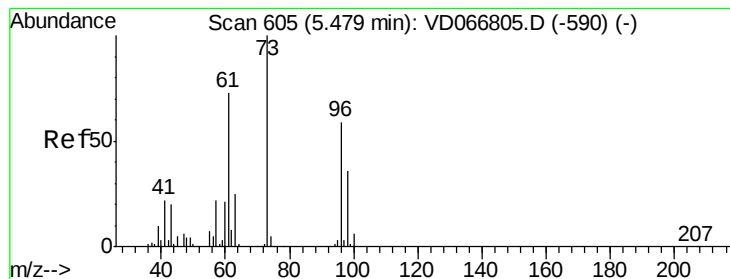
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#20
Methylene Chloride
Concen: 54.082 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion: 84 Resp: 232885
Ion Ratio Lower Upper
84 100
49 114.8 95.4 143.2
51 35.7 29.7 44.5
86 63.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.820 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

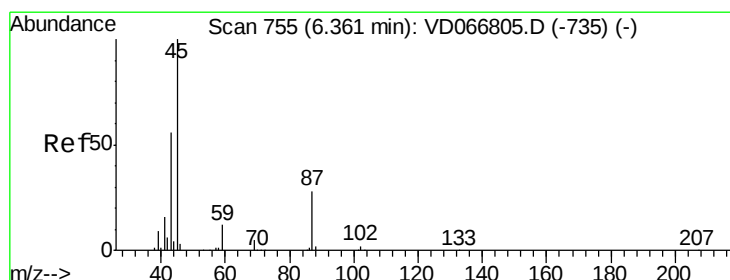
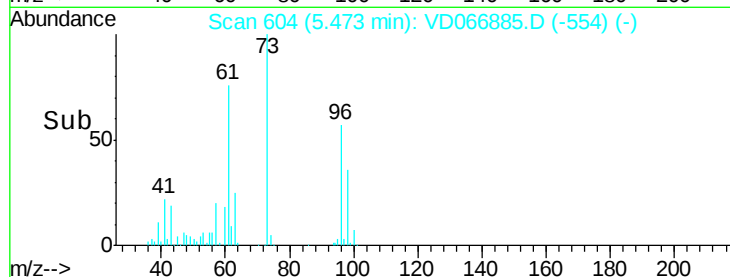
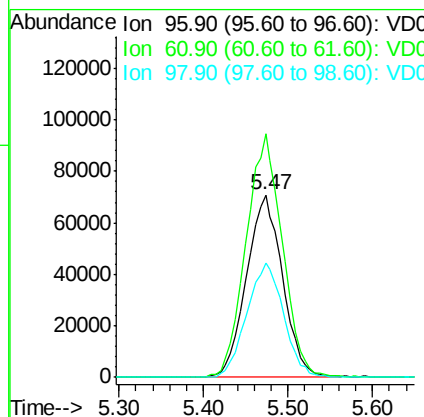
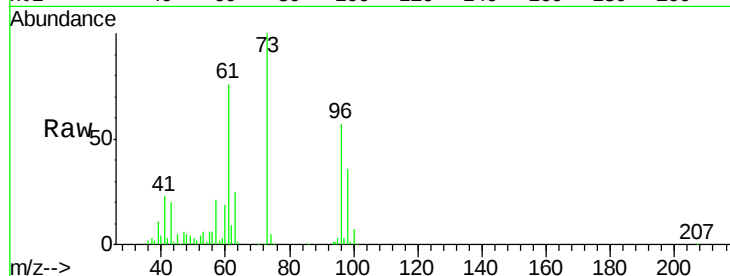
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	210207
Ion	Ratio	Lower	Upper
96	100		
61	133.3	98.9	148.3
98	62.4	48.4	72.6

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#22

Diisopropyl ether

Concen: 52.329 ug/l

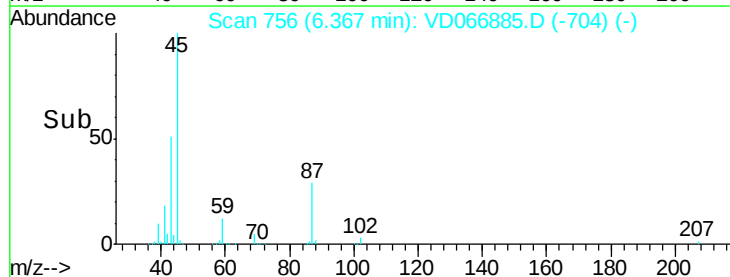
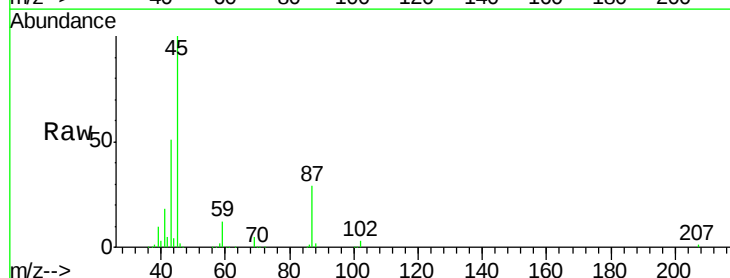
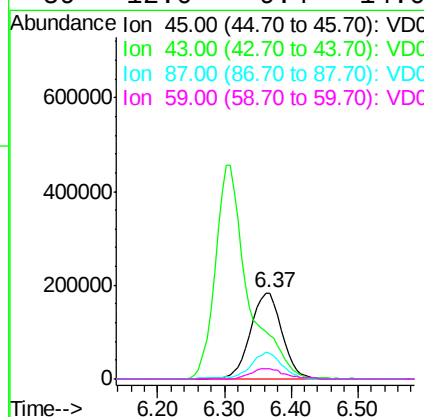
RT: 6.37 min Scan# 756

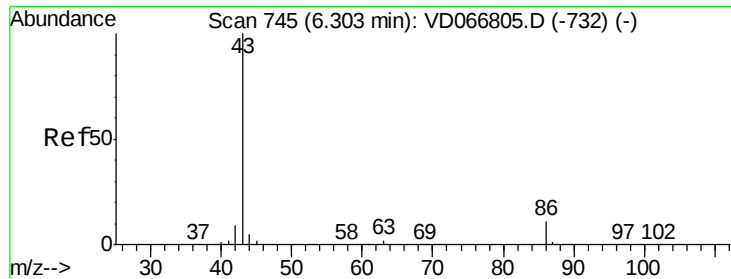
Delta R.T. 0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Tgt Ion:	45	Resp:	599789
Ion	Ratio	Lower	Upper
45	100		
43	50.8	44.5	66.7
87	29.2	22.9	34.3
59	12.0	9.4	14.0





#23

Vinyl Acetate

Concen: 250.978 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1561914

Ion Ratio Lower Upper

43 100

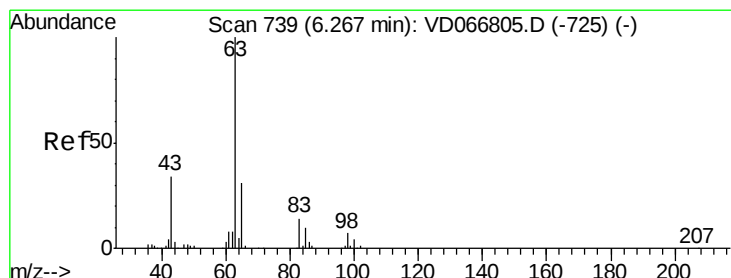
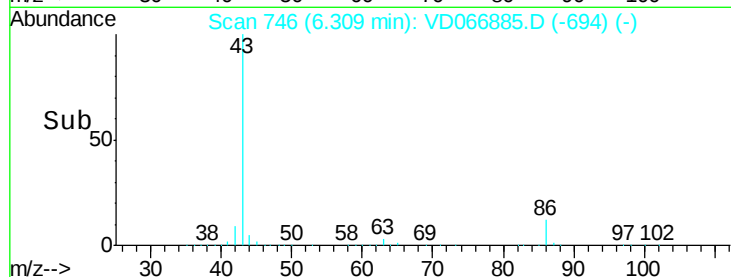
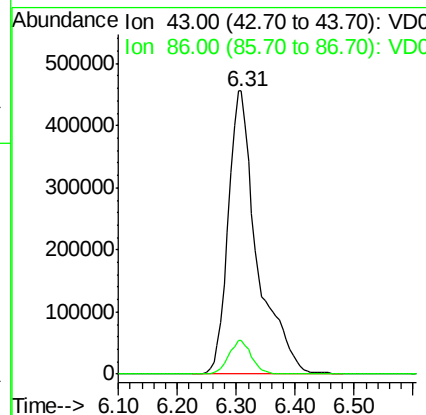
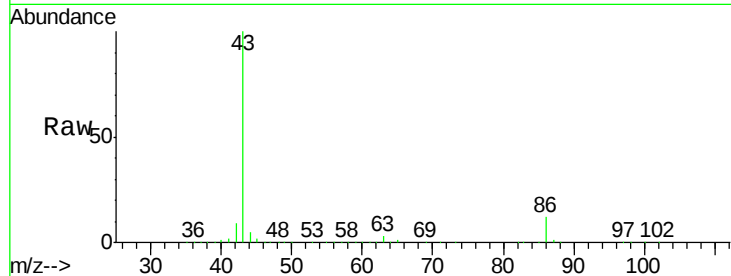
86 11.9 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 48.607 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

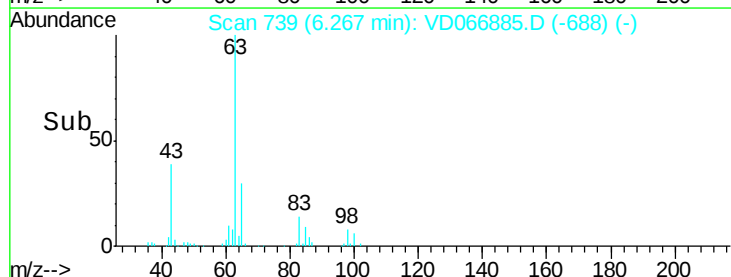
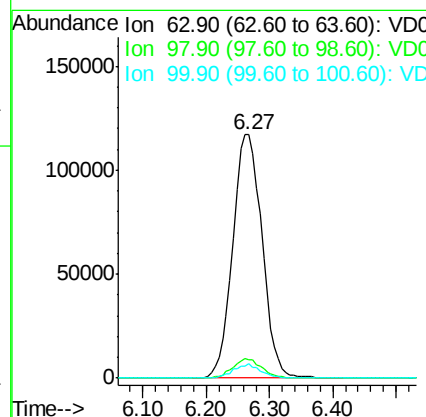
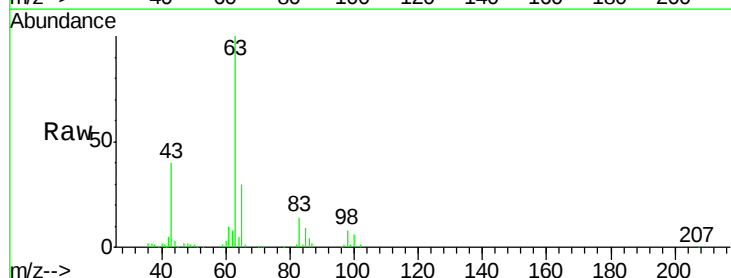
Tgt Ion: 63 Resp: 372714

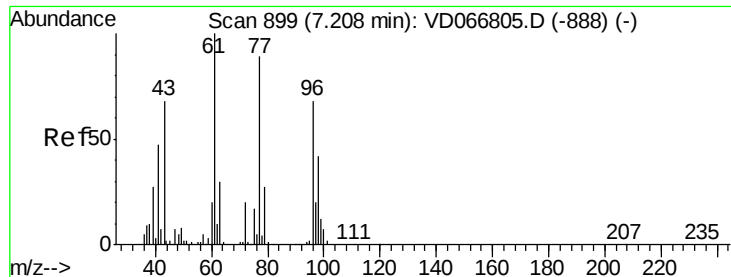
Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

100 5.9 1.8 5.5#





#25

2-Butanone

Concen: 253.255 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 244985

Ion Ratio Lower Upper

43 100

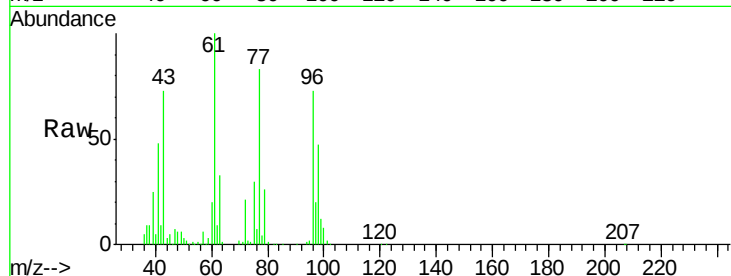
72 28.3 22.9 34.3

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

100000

80000

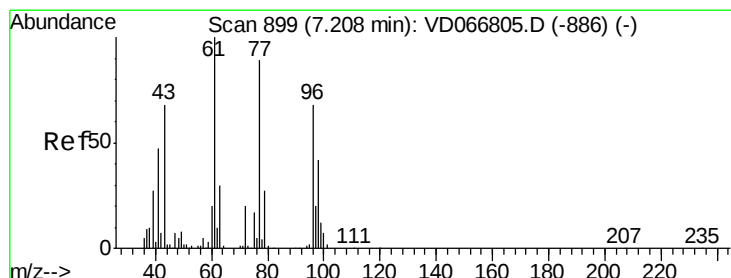
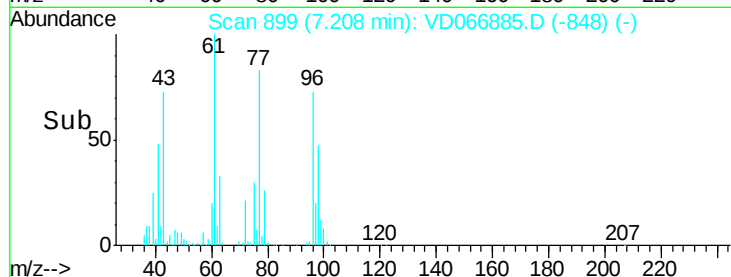
60000

40000

20000

0

Time--> 7.10 7.15 7.20 7.25



#26

2,2-Dichloropropane

Concen: 42.926 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066885.D

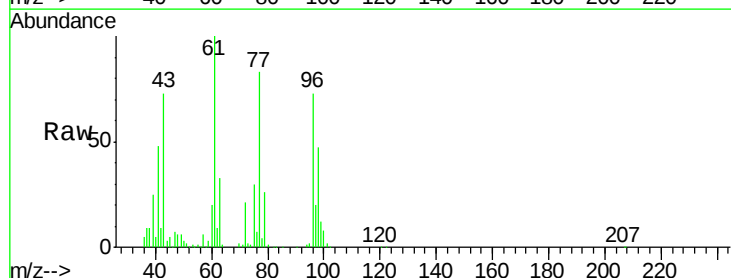
Acq: 25 Sep 2020 20:18

Tgt Ion: 77 Resp: 301685

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

120000

100000

80000

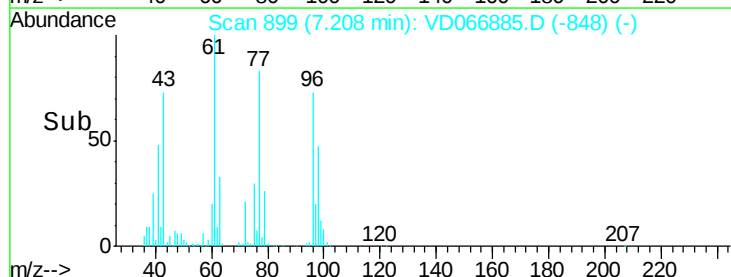
60000

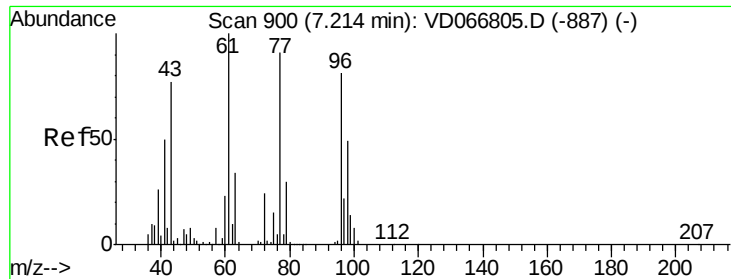
40000

20000

0

Time--> 7.10 7.20 7.30





#27

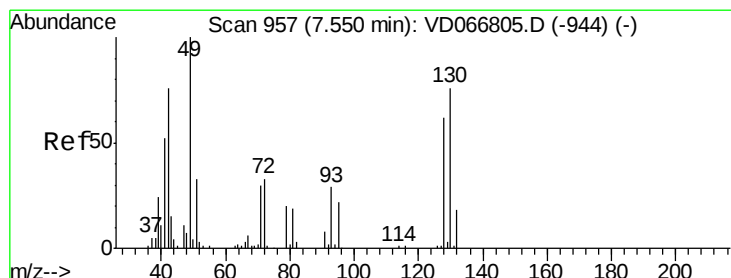
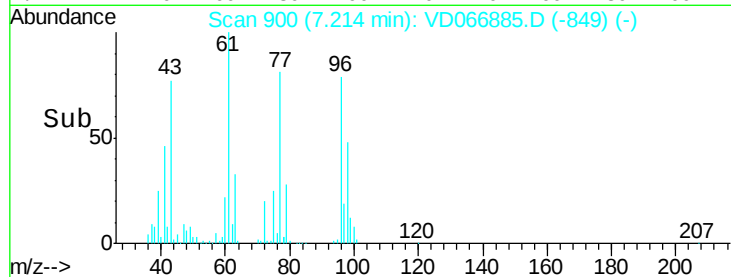
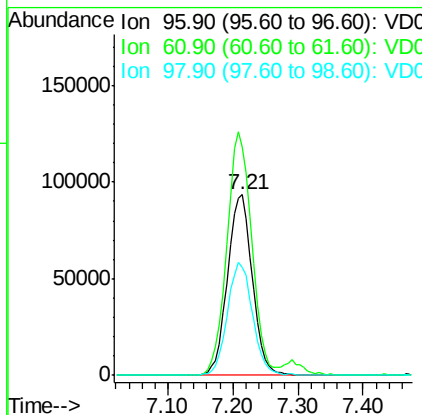
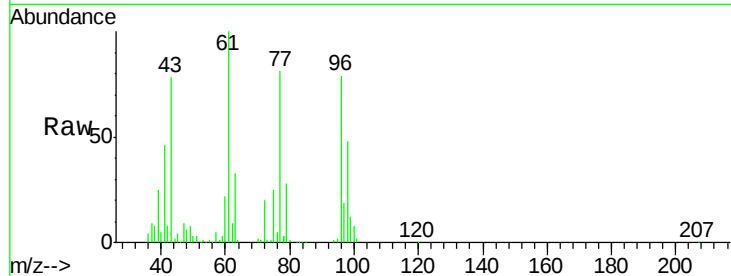
cis-1,2-Dichloroethene
Concen: 51.750 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	247165		
61	134.9	0.0	283.8	
98	63.3	0.0	128.4	

Manual Integrations
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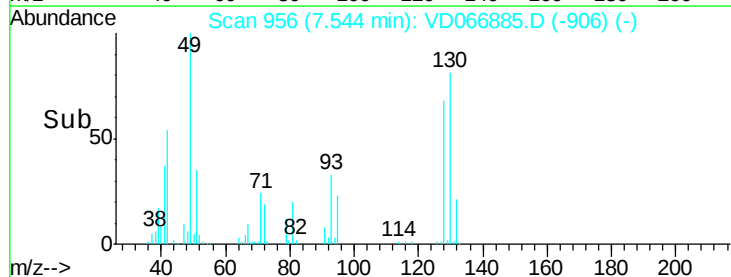
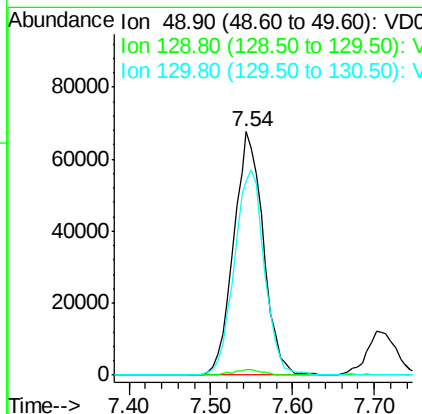
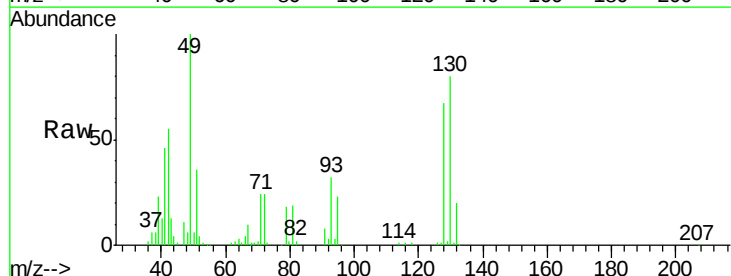
MMDadoda
9/29/2020 11:45:25 AM

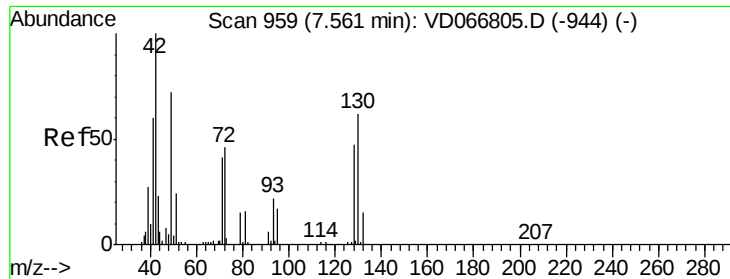


#28

Bromochloromethane
Concen: 53.752 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	170275		
129	2.3	0.0	2.0#	
130	85.7	65.9	98.9	





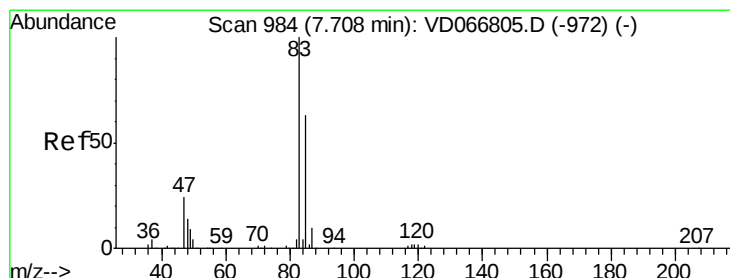
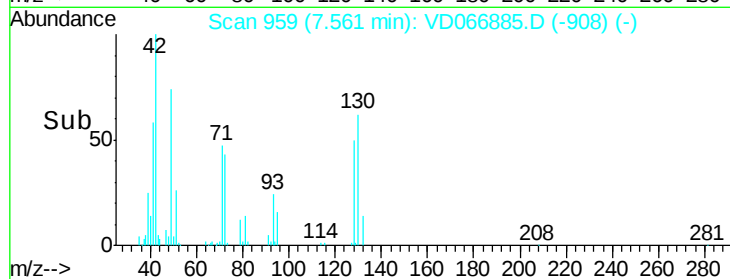
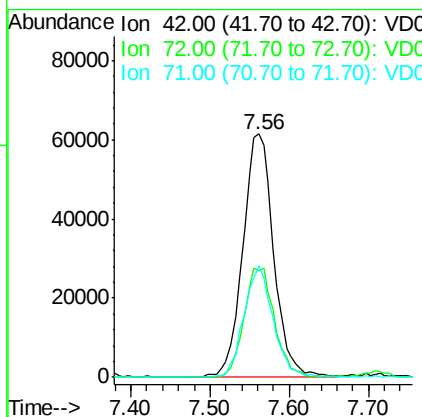
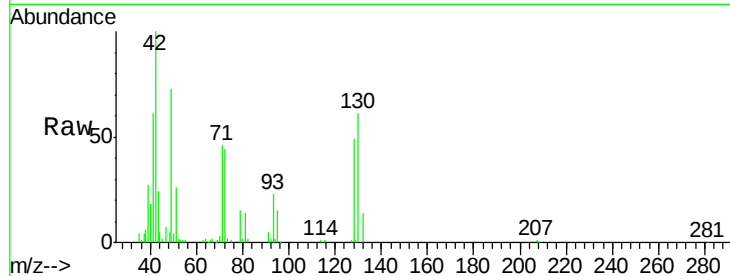
#29
Tetrahydrofuran
Concen: 268.596 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.2	54.4
71	43.1	32.4	48.6

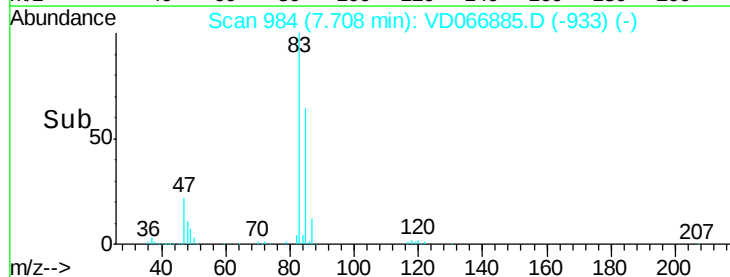
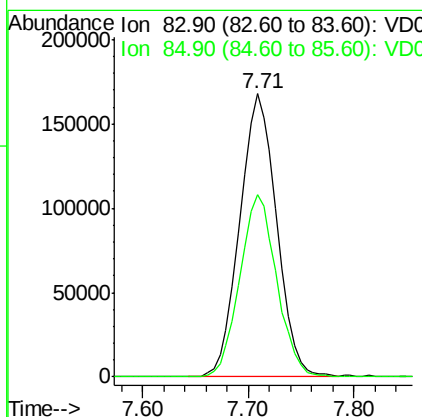
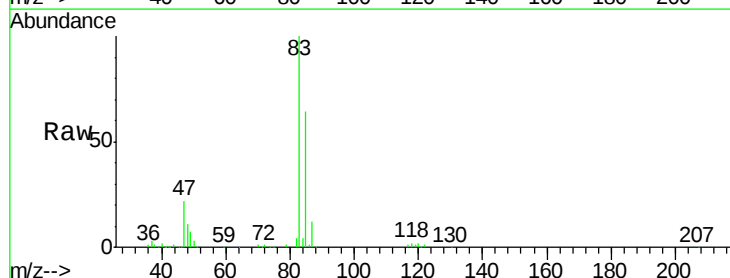
Manual Integrations
APPROVED

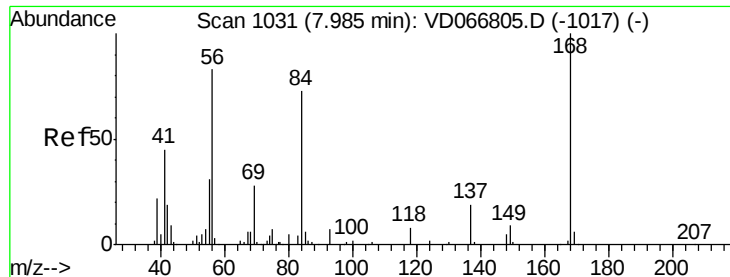
MMDadoda
9/29/2020 11:45:25 AM



#30
Chloroform
Concen: 49.219 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.6	75.8





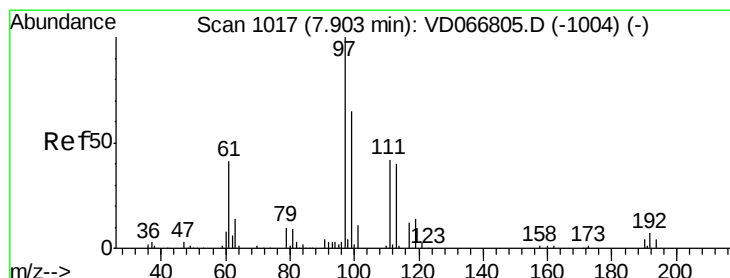
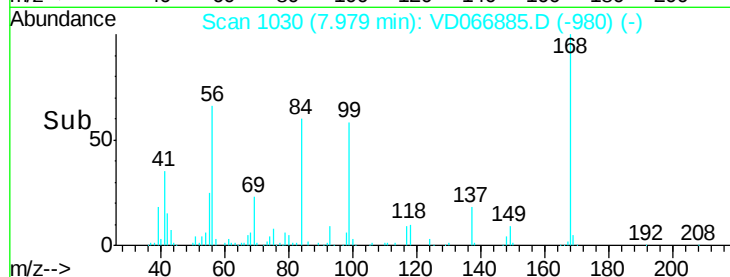
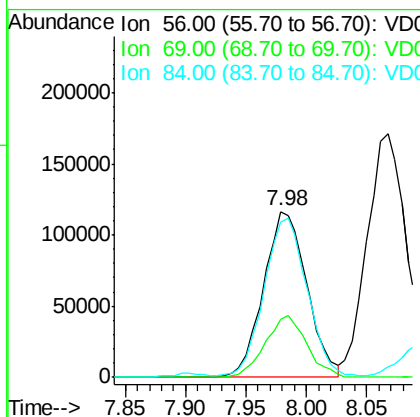
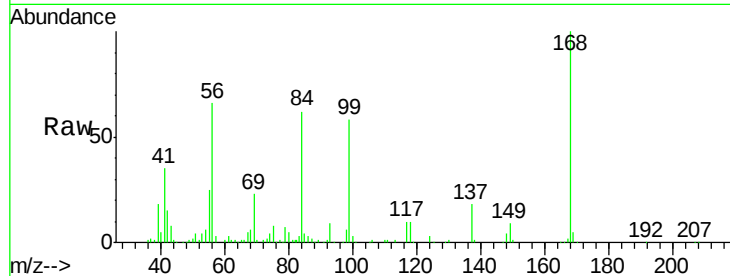
#31
Cyclohexane
Concen: 42.135 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	27.0	40.4
84	90.9	70.2	105.4

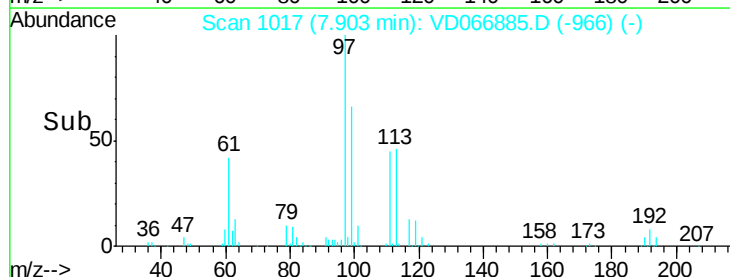
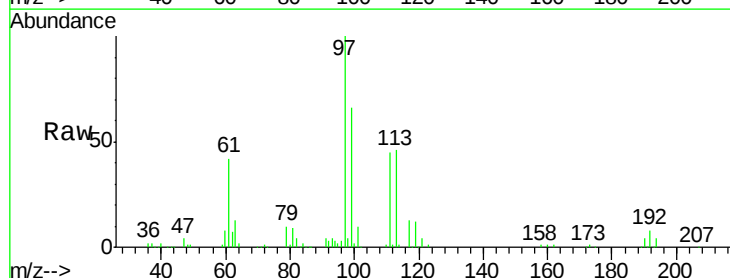
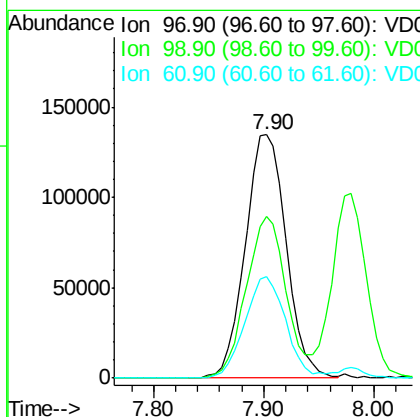
Manual Integrations
APPROVED

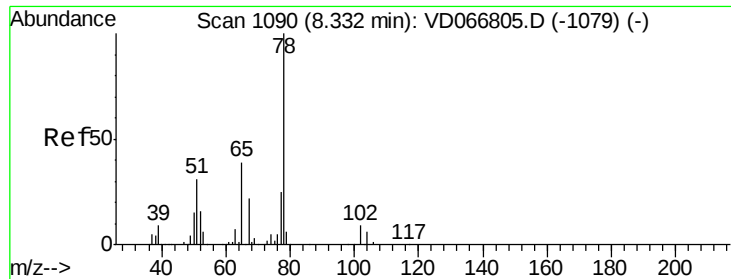
MMDadoda
9/29/2020 11:45:25 AM



#32
1,1,1-Trichloroethane
Concen: 46.927 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	41.7	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 49.001 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 185938

Ion Ratio Lower Upper

65 100

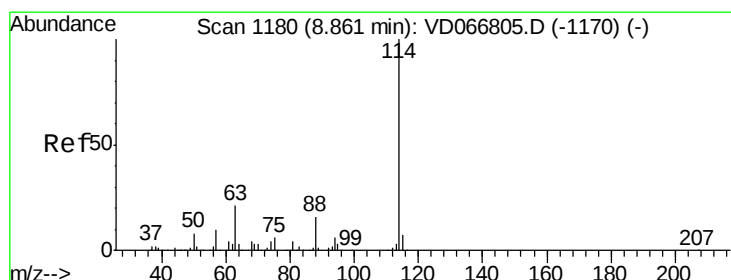
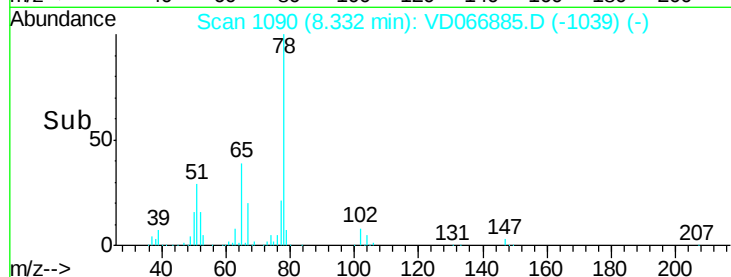
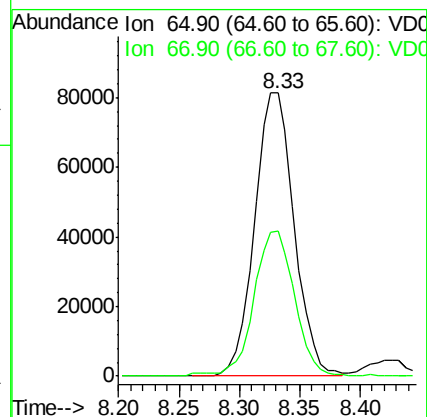
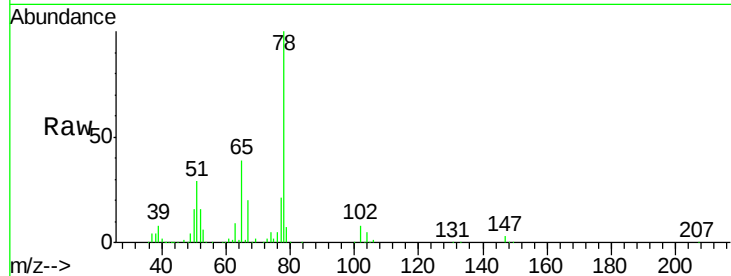
67 52.8 0.0 107.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

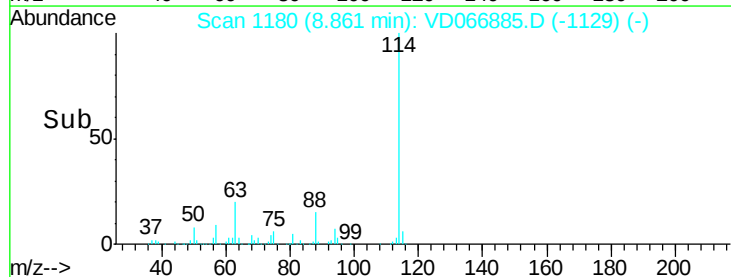
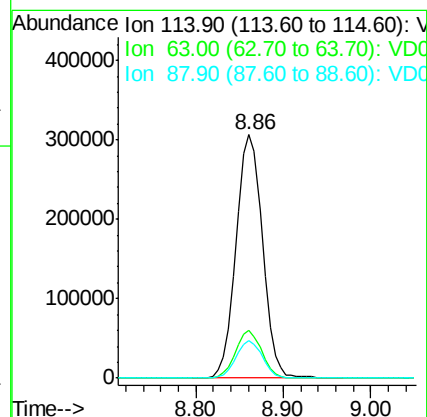
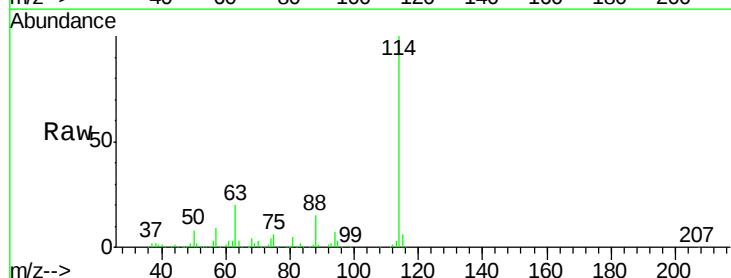
Tgt Ion: 114 Resp: 627184

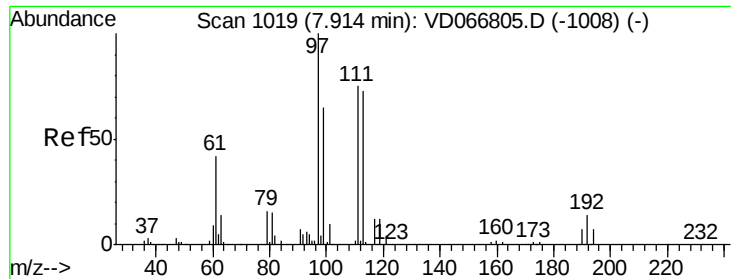
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 15.4 0.0 32.6





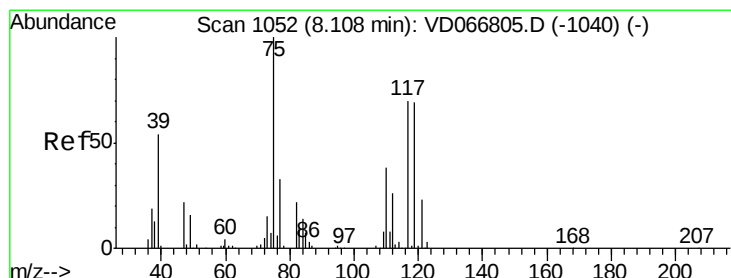
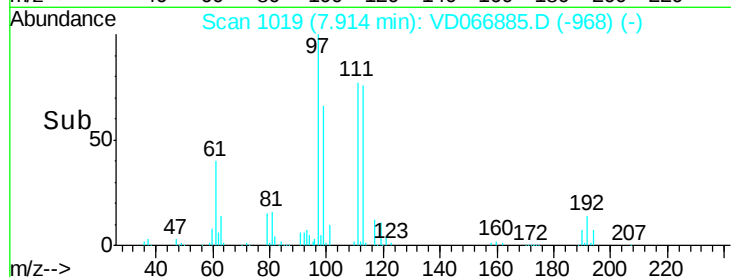
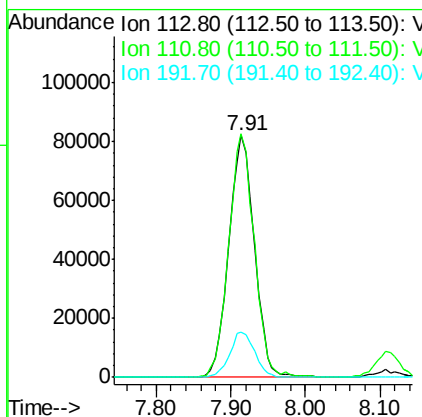
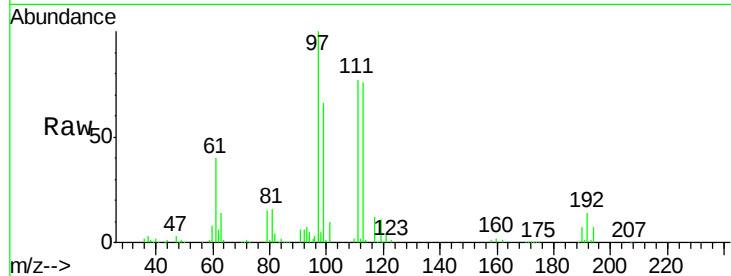
#35
 Dibromofluoromethane
 Concen: 49.058 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	195748		
111	100.7	81.8	122.8	
192	18.4	14.4	21.6	

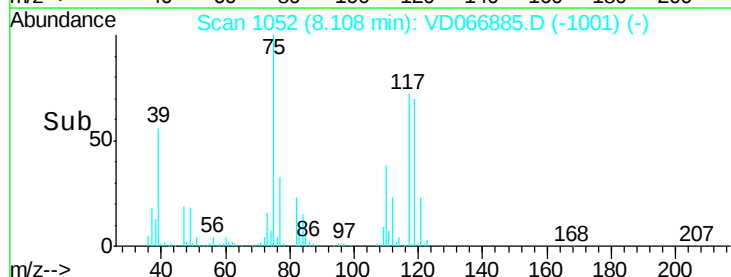
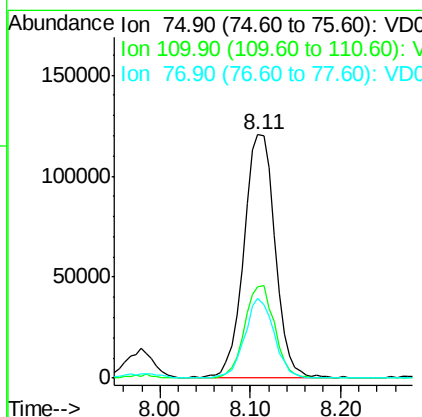
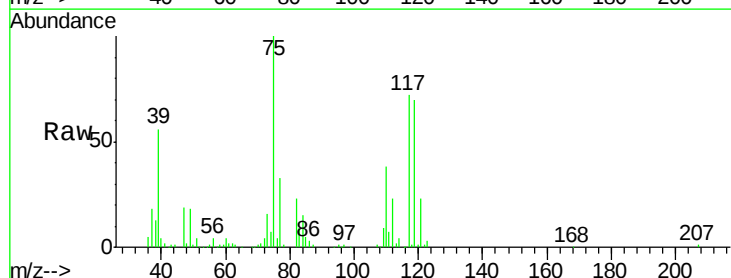
Manual Integrations
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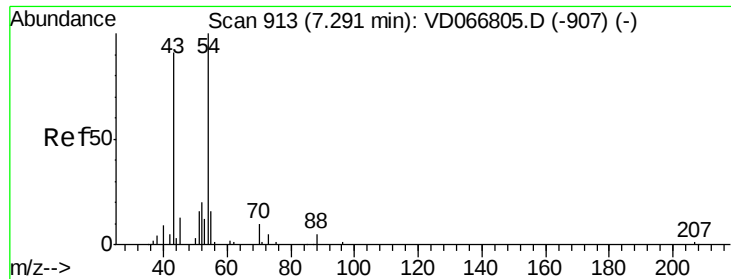
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#36
 1,1-Dichloropropene
 Concen: 46.389 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	288643		
110	36.6	17.9	53.8	
77	30.9	25.0	37.6	





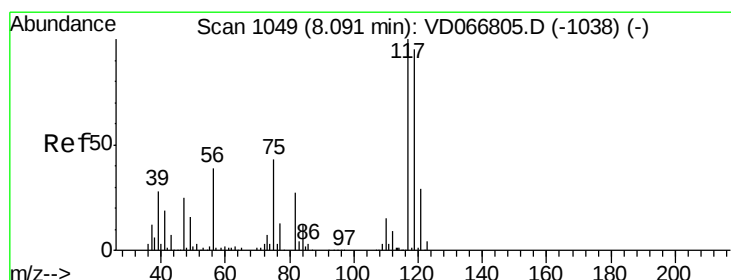
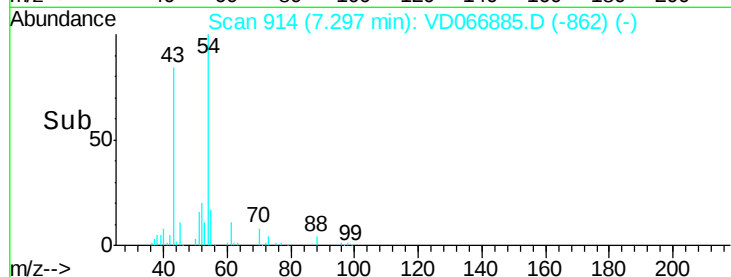
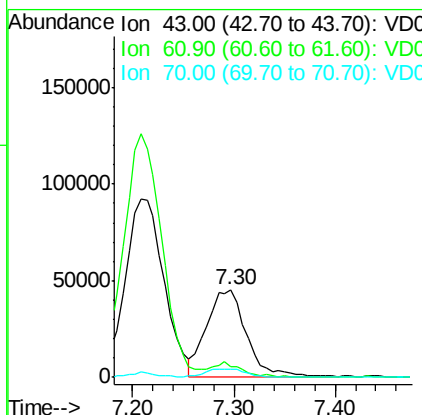
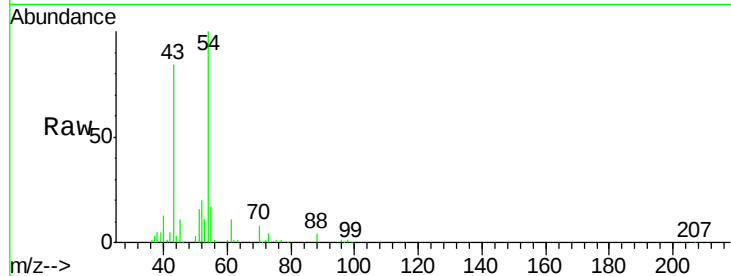
#37
Ethyl Acetate
Concen: 53.852 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion	43	Resp	121133
Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.8	14.8
70	10.1	8.5	12.7

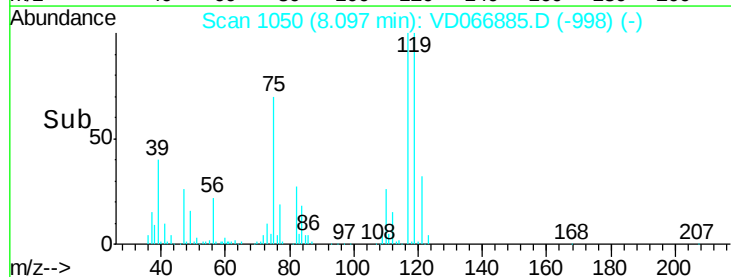
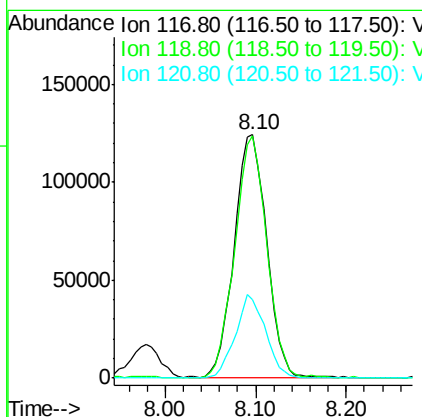
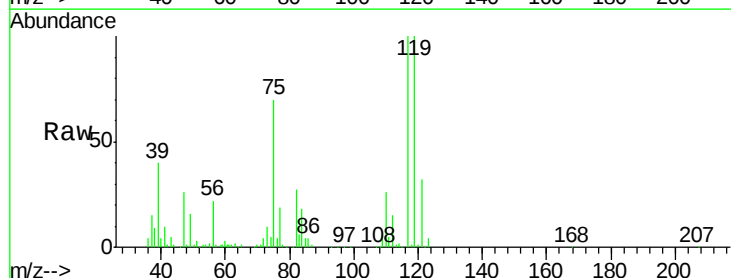
Manual Integrations
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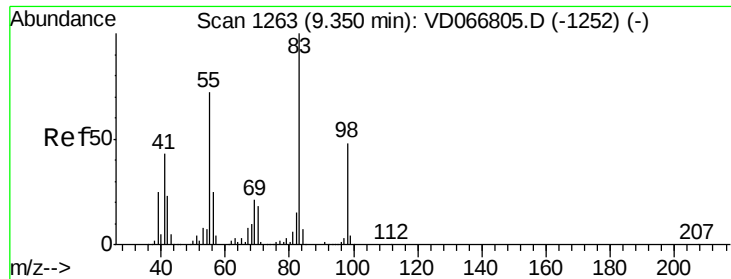
MMDadoda
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#38
Carbon Tetrachloride
Concen: 45.483 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	117	Resp	309405
Ion	Ratio	Lower	Upper
117	100		
119	100.0	75.8	113.8
121	32.3	23.4	35.0





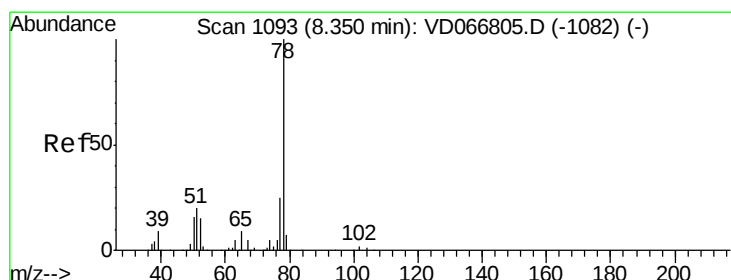
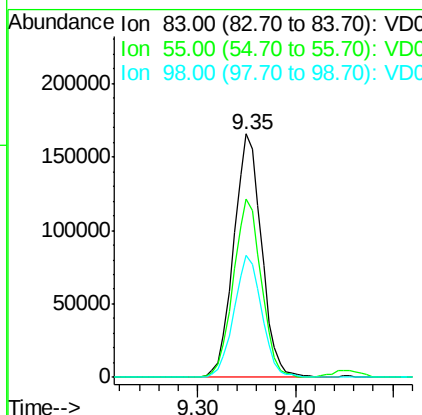
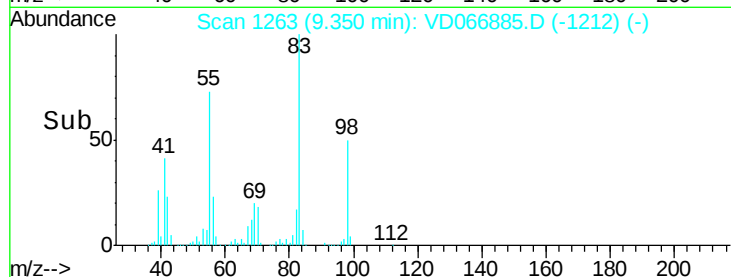
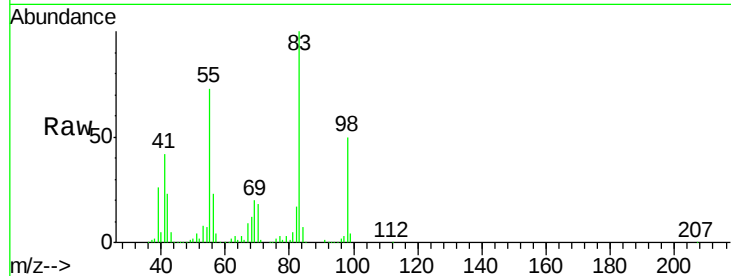
#39
Methvlcvclohexane
Concen: 46.147 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	329675		
55	73.3		57.7	86.5
98	49.9		38.4	57.6

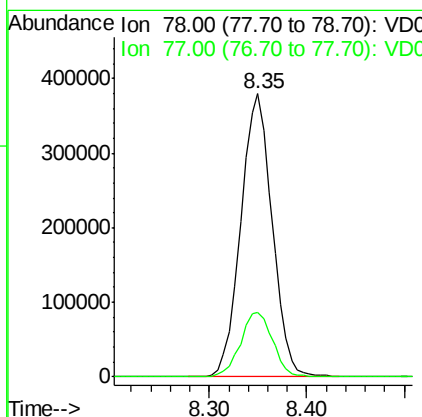
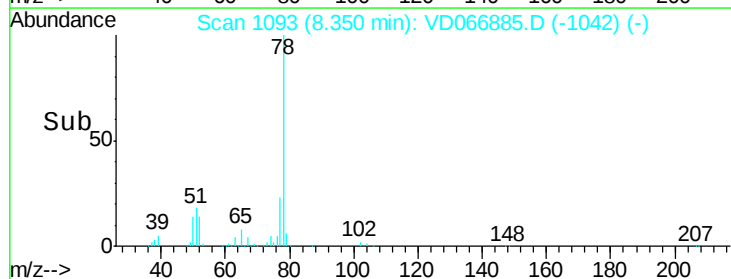
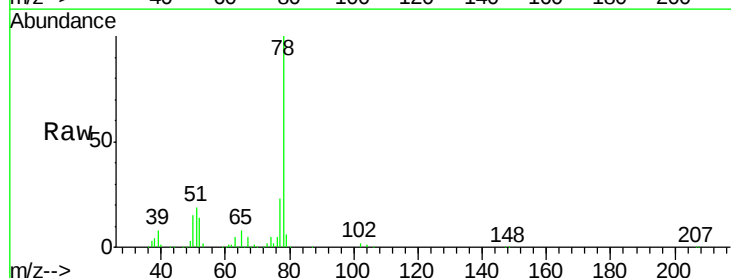
Manual Integrations
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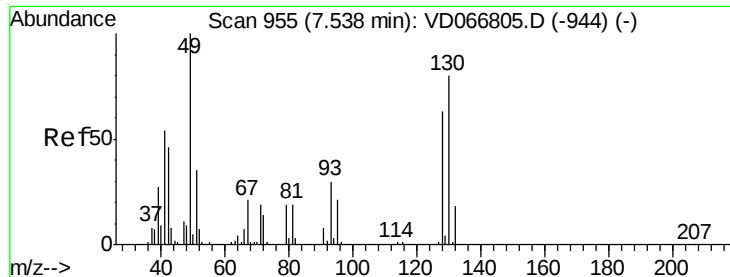
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#40
Benzene
Concen: 48.901 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	848004		
77	23.0		19.9	29.9





#41

Methacrylonitrile

Concen: 52.214 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 72227

Ion Ratio Lower Upper

41 100

39 50.9 0.0 0.0#

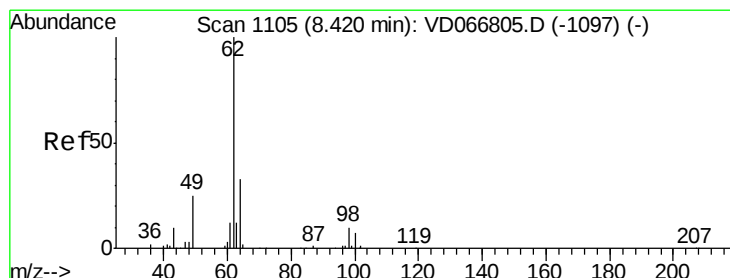
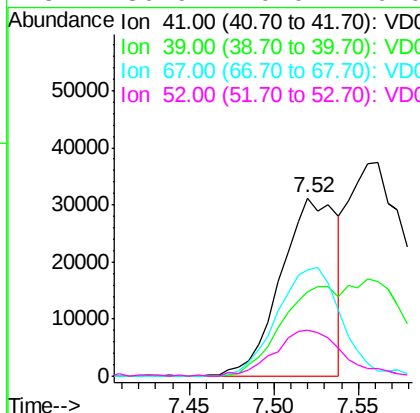
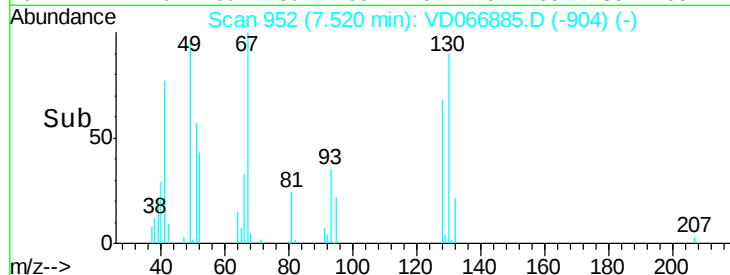
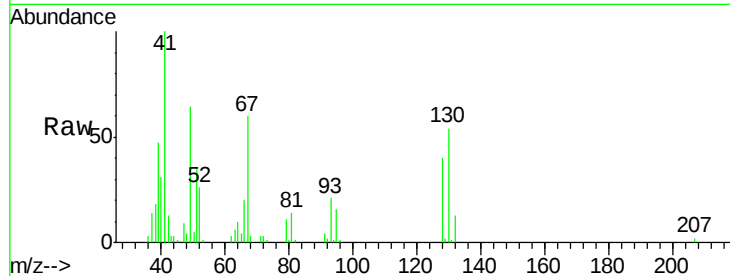
67 70.1 0.0 0.0#

52 30.9 0.0 0.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.260 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066885.D

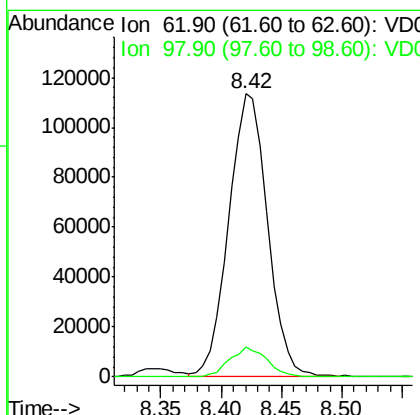
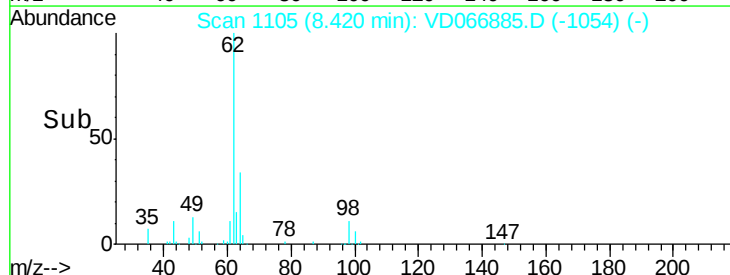
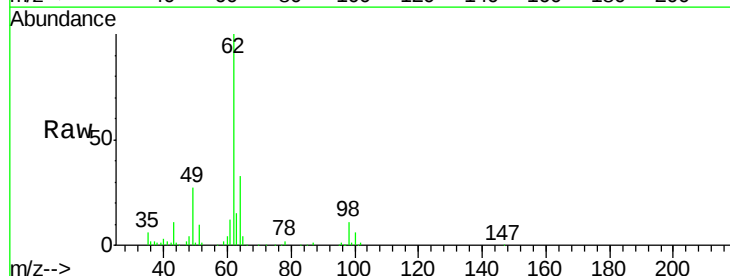
Acq: 25 Sep 2020 20:18

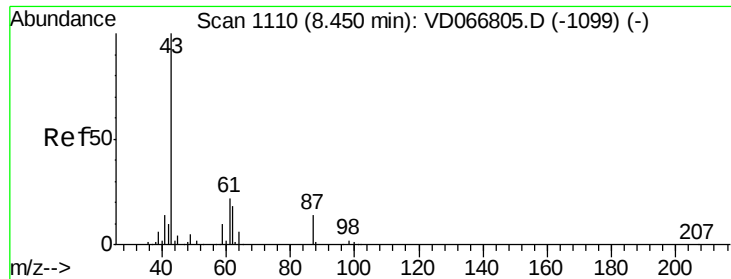
Tgt Ion: 62 Resp: 252531

Ion Ratio Lower Upper

62 100

98 10.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 50.530 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

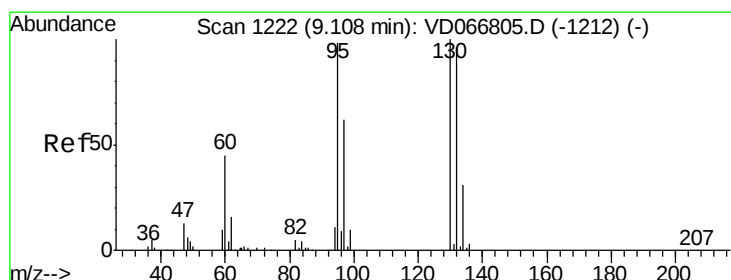
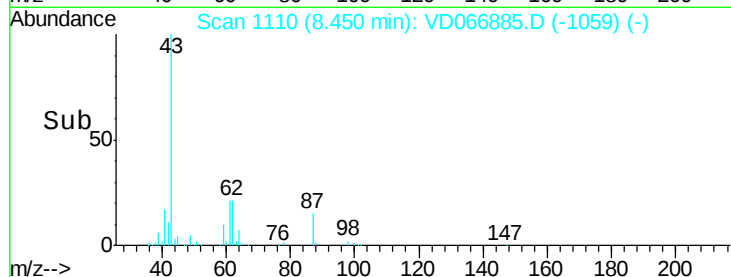
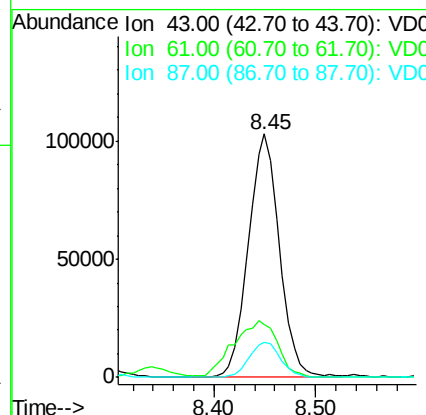
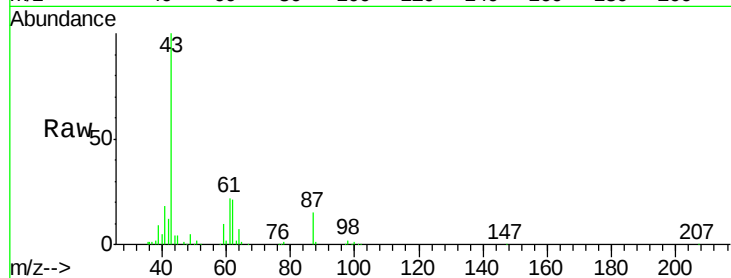
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	219133
Ion	Ratio	Lower	Upper
43	100		
61	32.8	26.2	39.4
87	14.7	11.5	17.3

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#44

Trichloroethene

Concen: 48.176 ug/l

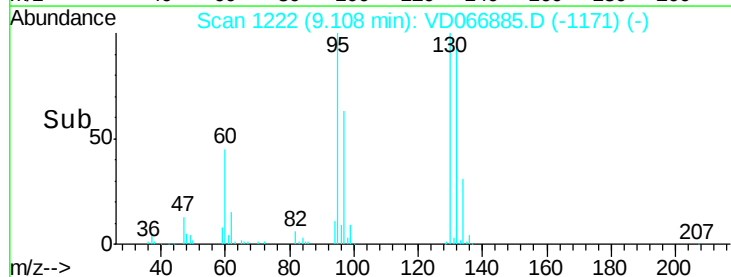
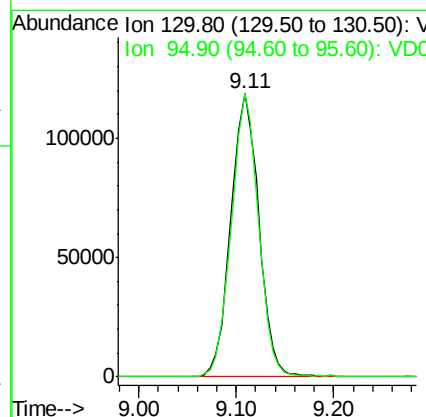
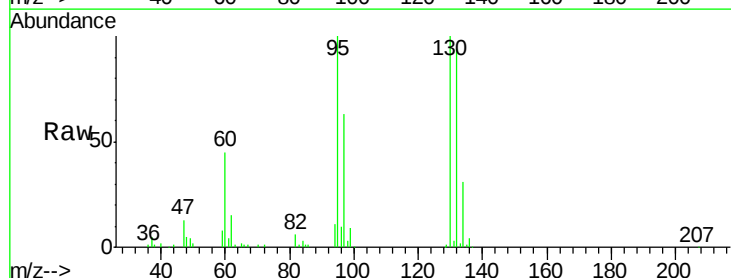
RT: 9.11 min Scan# 1222

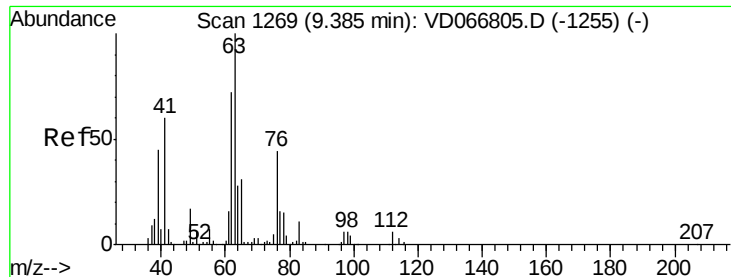
Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Tgt Ion:	130	Resp:	238122
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	197.0





#45

1,2-Dichloropropane

Concen: 48.383 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 211098

Ion Ratio Lower Upper

63 100

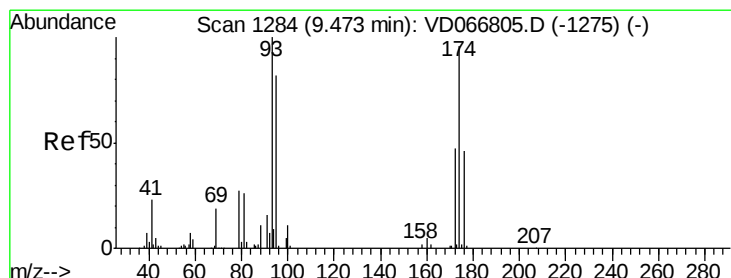
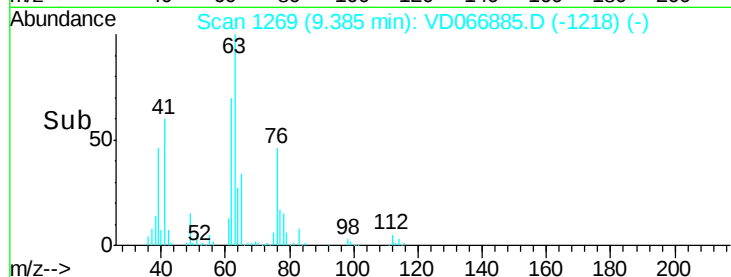
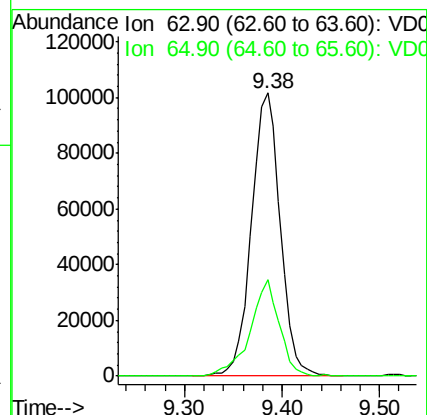
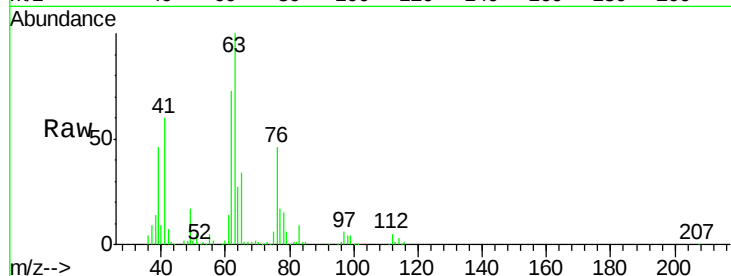
65 34.1 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 51.676 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

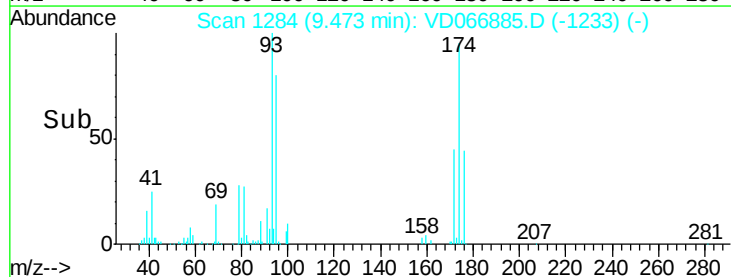
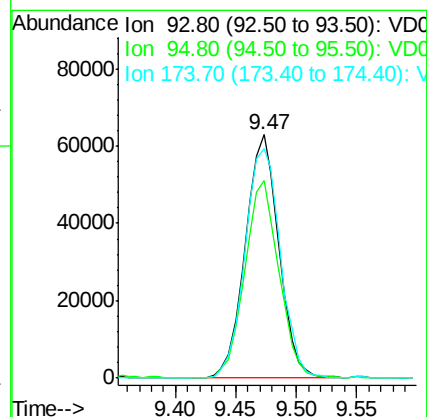
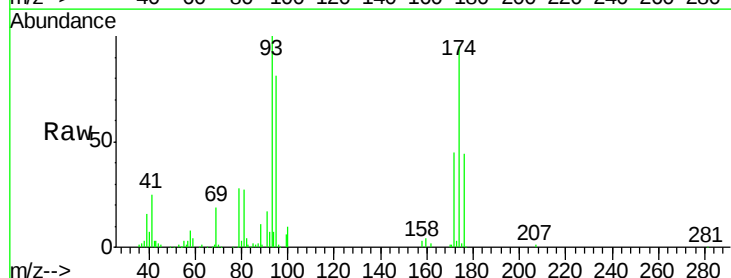
Tgt Ion: 93 Resp: 122500

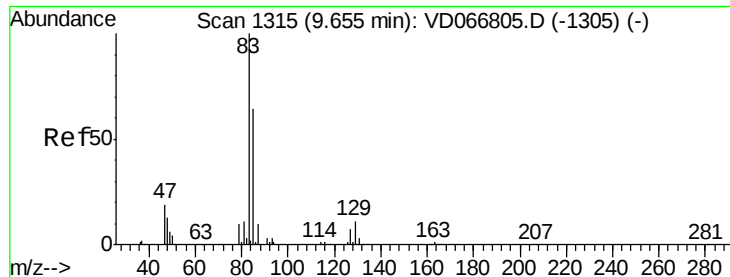
Ion Ratio Lower Upper

93 100

95 82.4 65.3 97.9

174 99.5 75.4 113.2





#47

Bromodichloromethane

Concen: 50.441 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

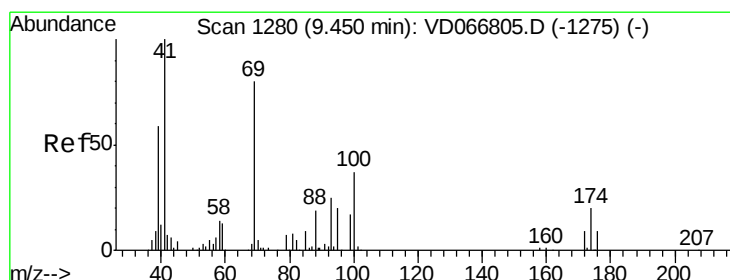
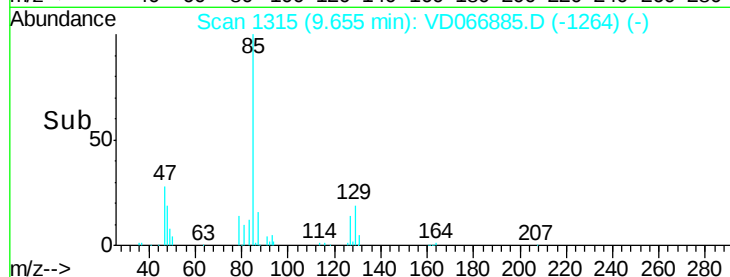
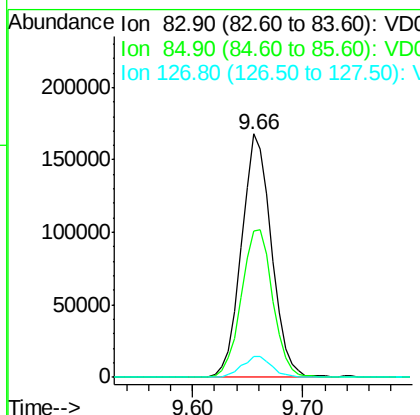
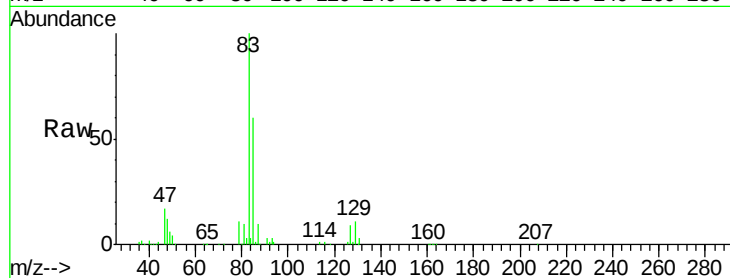
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	321211
Ion	Ratio	Lower	Upper
83	100		
85	59.9	50.9	76.3
127	8.6	5.9	8.9

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#48

Methyl methacrylate

Concen: 51.804 ug/l

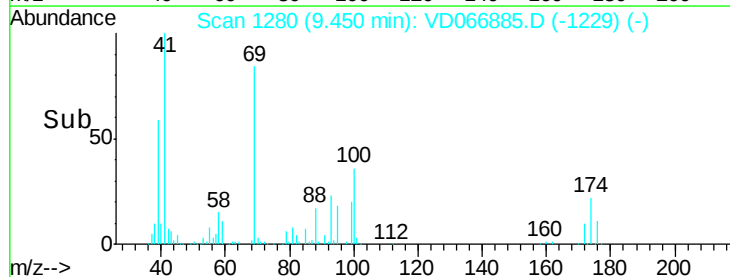
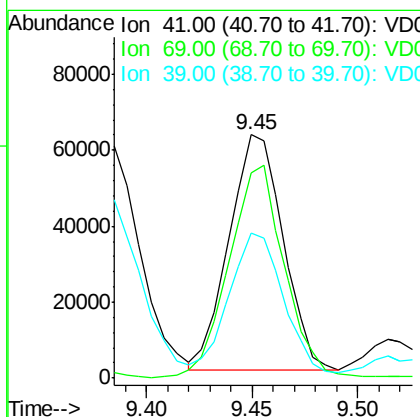
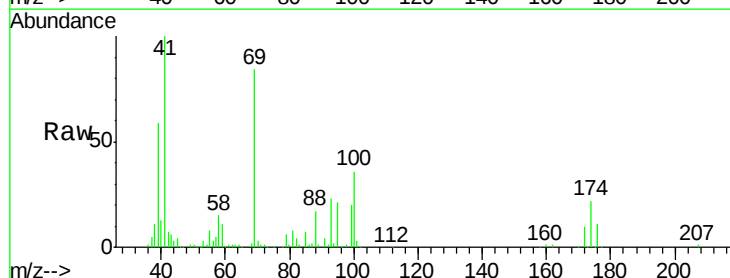
RT: 9.45 min Scan# 1280

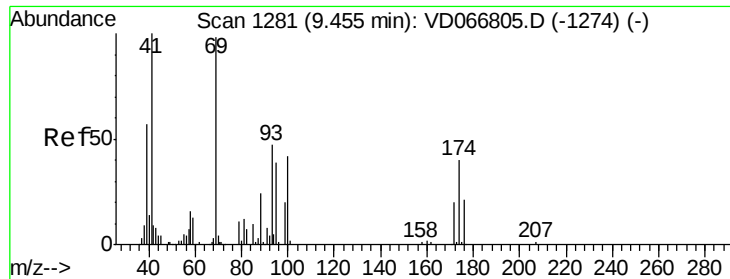
Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Tgt Ion:	41	Resp:	110765
Ion	Ratio	Lower	Upper
41	100		
69	92.3	74.5	111.7
39	58.6	47.0	70.6





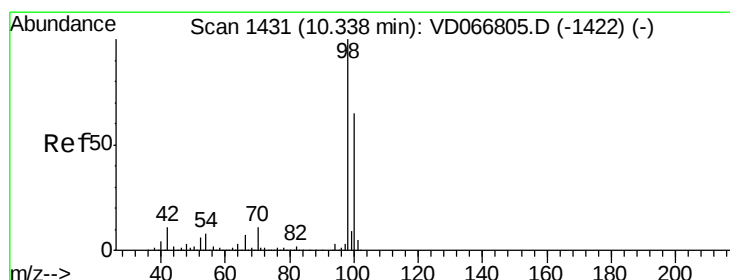
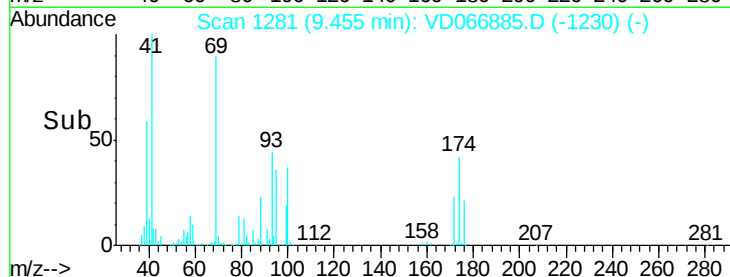
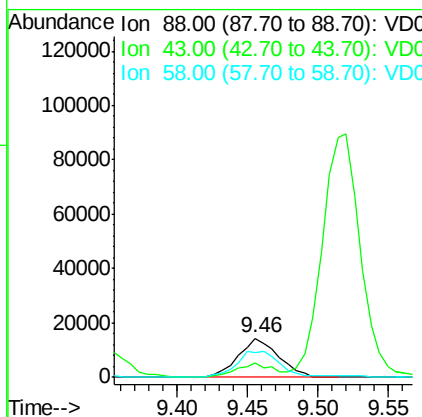
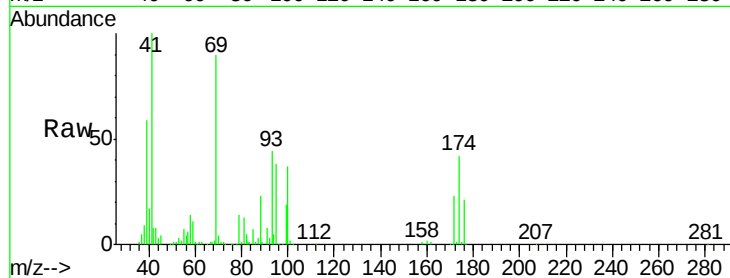
#49
1,4-Dioxane
Concen: 1074.128 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	27.7	41.5
58	71.1	55.5	83.3

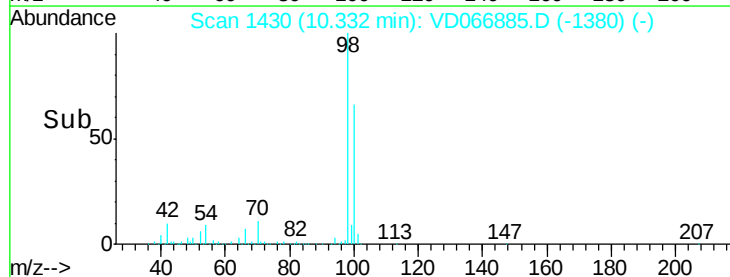
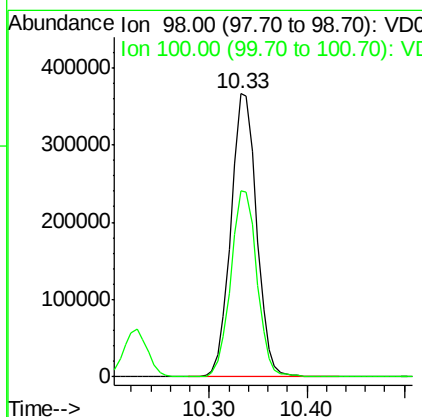
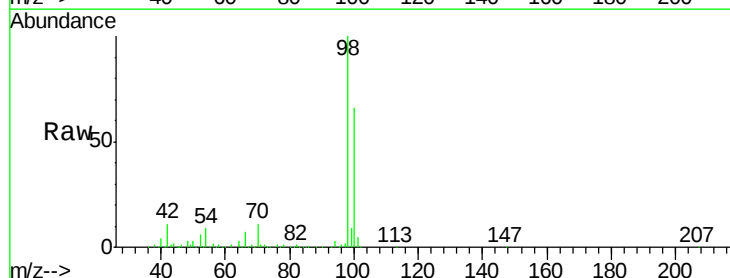
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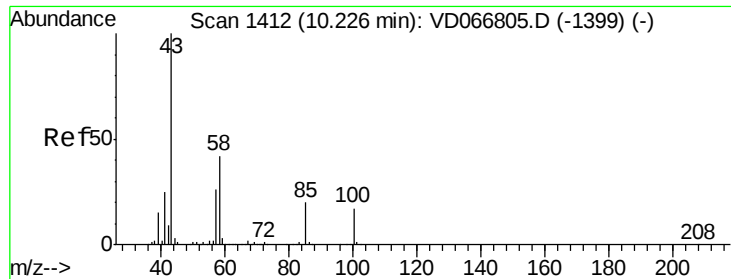
MMDadoda
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#50
Toluene-d8
Concen: 49.580 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 271.515 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 596630

Ion Ratio Lower Upper

43 100

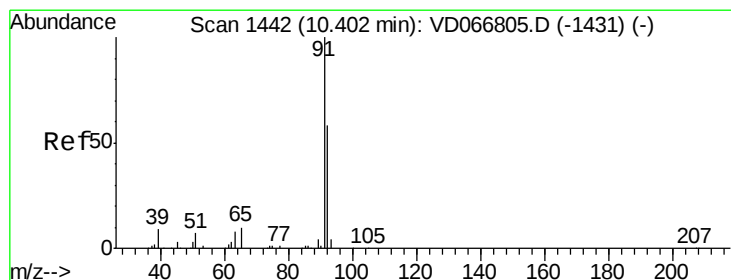
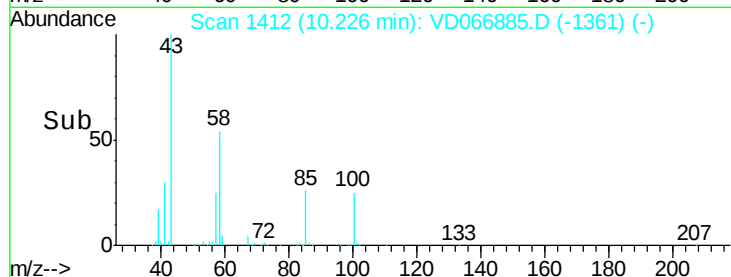
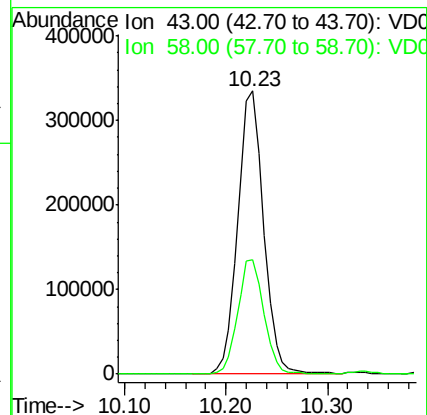
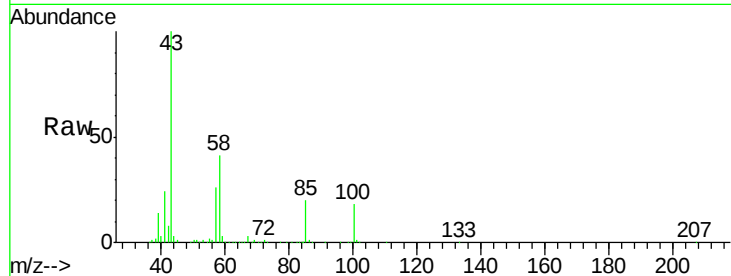
58 40.9 32.2 48.4

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#52

Toluene

Concen: 51.116 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066885.D

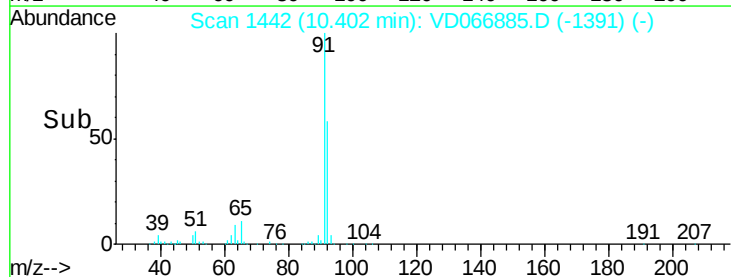
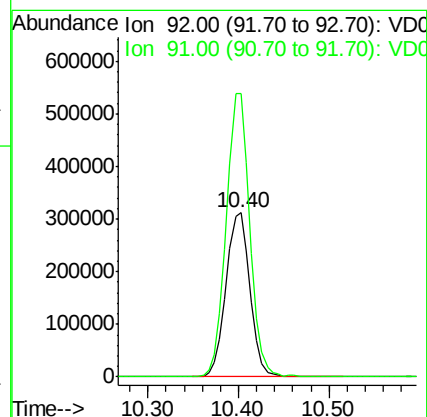
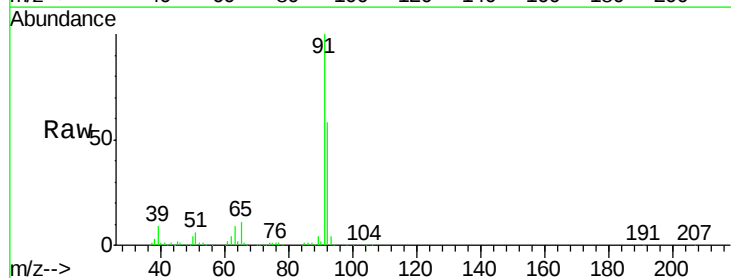
Acq: 25 Sep 2020 20:18

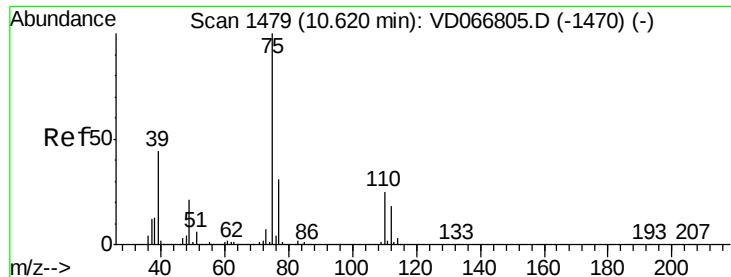
Tgt Ion: 92 Resp: 570965

Ion Ratio Lower Upper

92 100

91 170.0 134.6 202.0





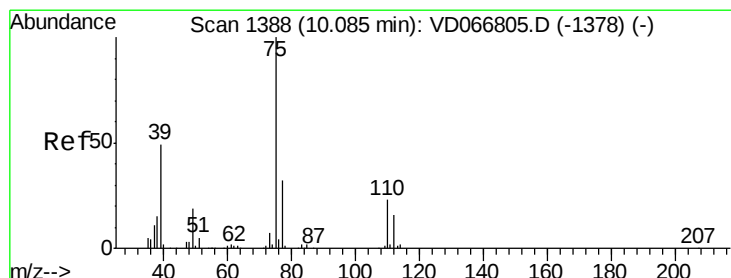
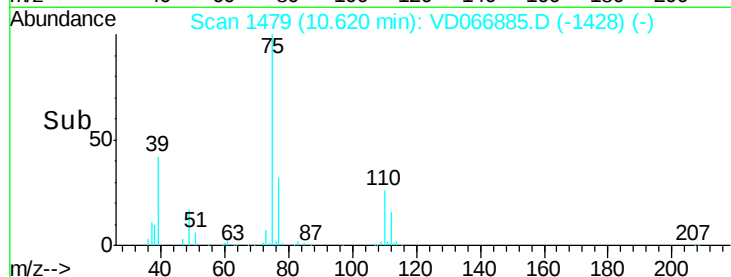
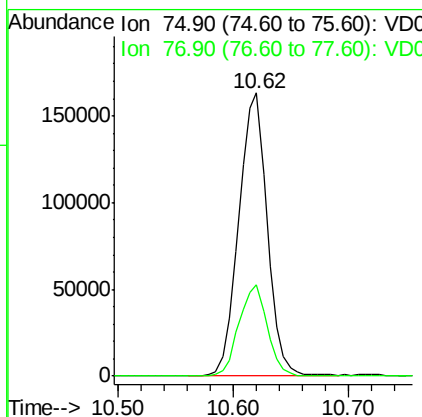
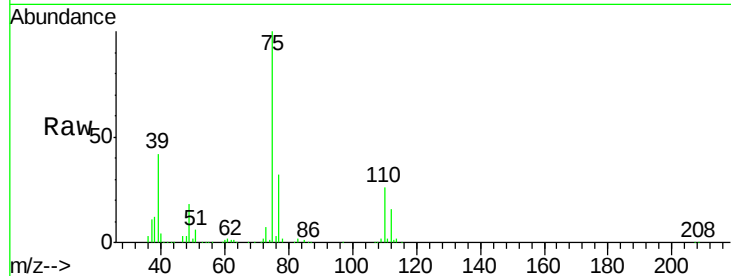
#53
t-1,3-Dichloropropene
Concen: 51.567 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 279496
Ion Ratio Lower Upper
75 100
77 32.1 24.5 36.7

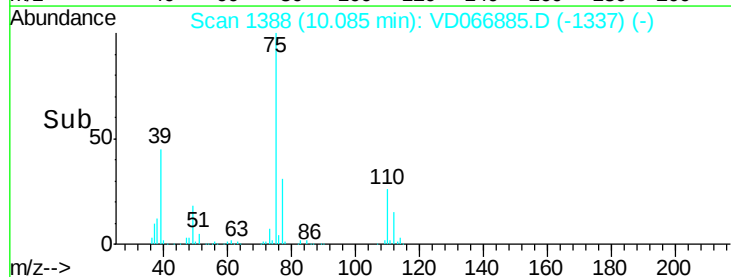
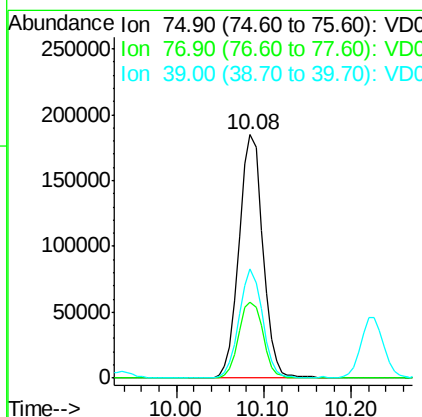
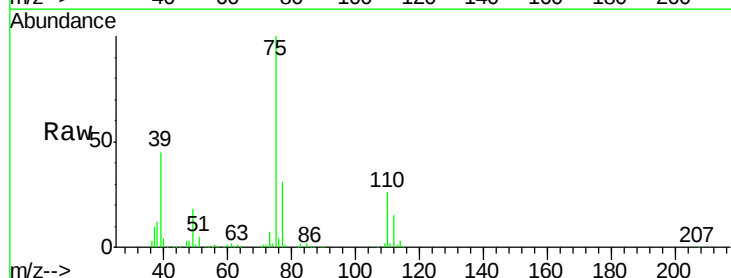
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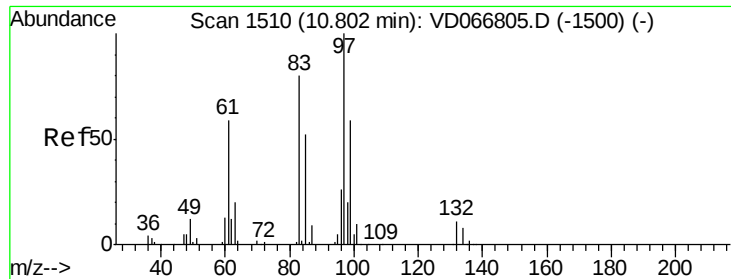
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#54
cis-1,3-Dichloropropene
Concen: 51.163 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion: 75 Resp: 338129
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 44.5 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 51.020 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

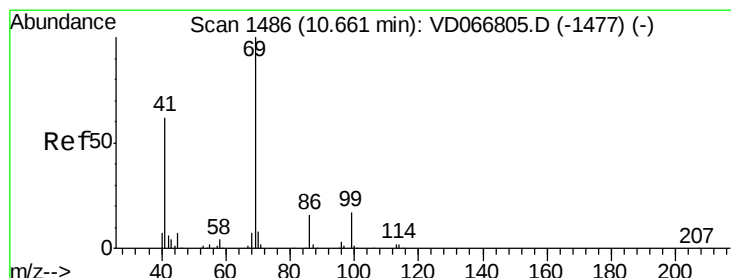
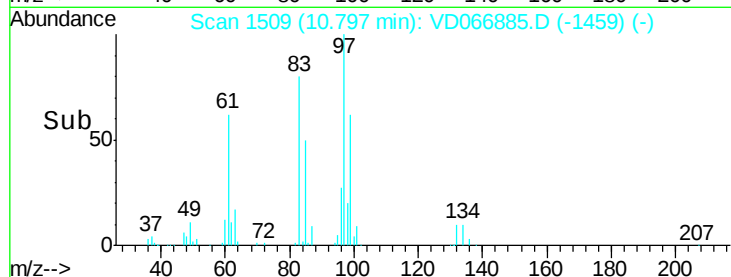
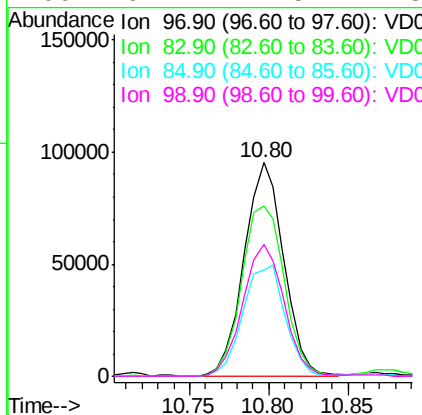
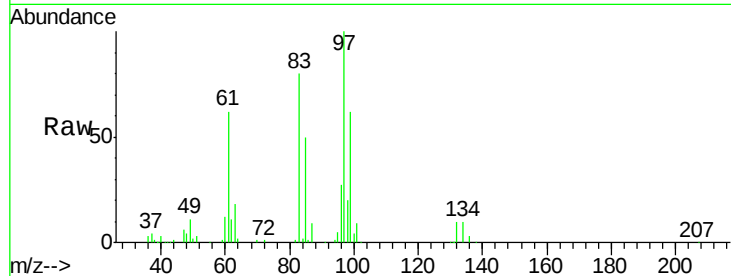
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	166266
Ion	Ratio	Lower	Upper
97	100		
83	79.6	64.2	96.2
85	49.8	41.9	62.9
99	61.7	47.5	71.3

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#56

Ethyl methacrylate

Concen: 55.944 ug/l

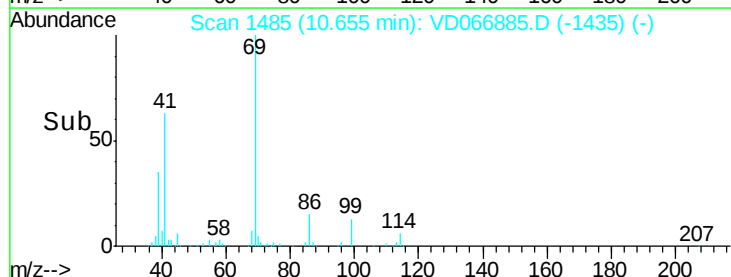
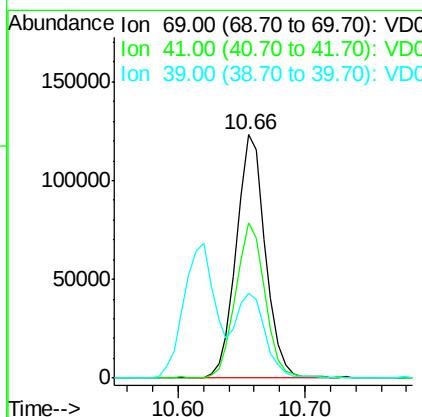
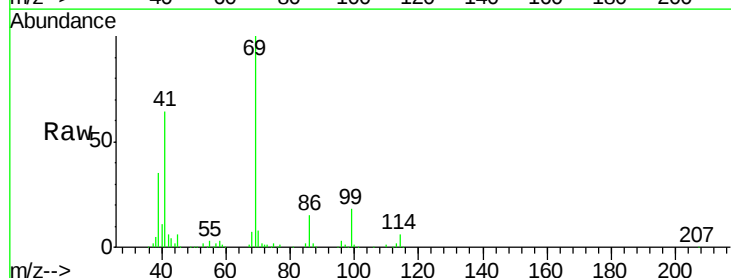
RT: 10.66 min Scan# 1485

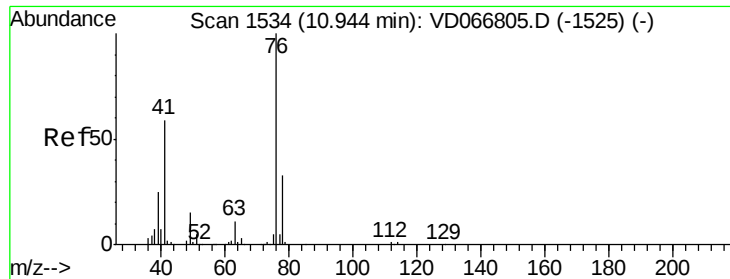
Delta R.T. -0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Tgt Ion:	69	Resp:	195308
Ion	Ratio	Lower	Upper
69	100		
41	63.4	52.2	78.2
39	35.9	26.6	40.0





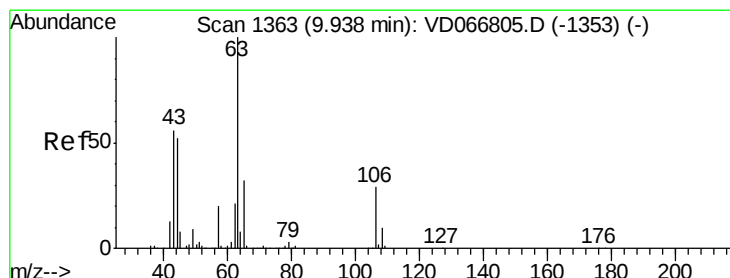
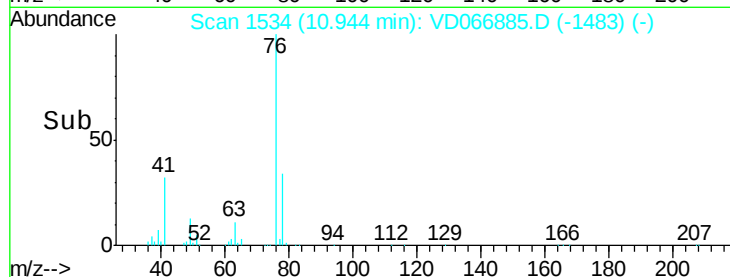
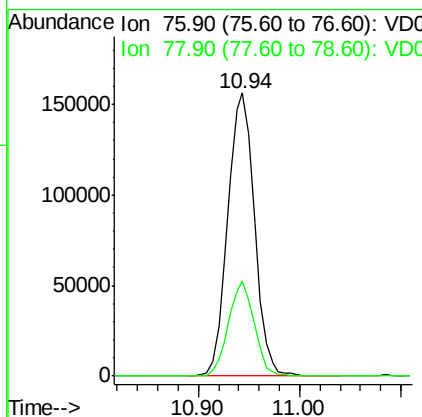
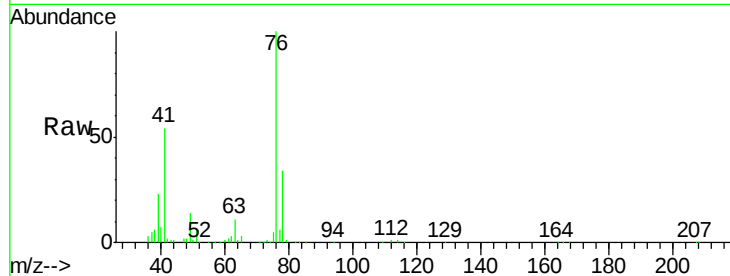
#57
 1,3-Dichloropropane
 Concen: 53.157 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 286043
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.3 39.5

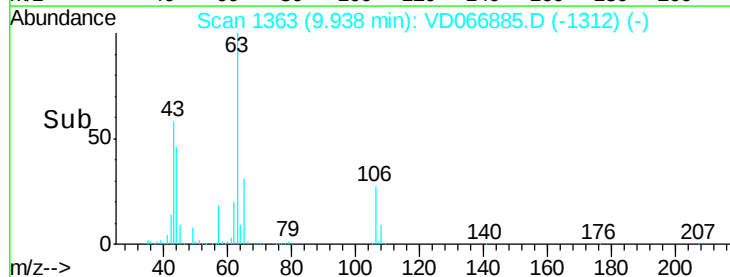
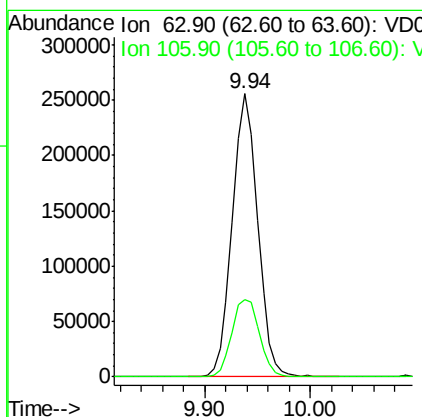
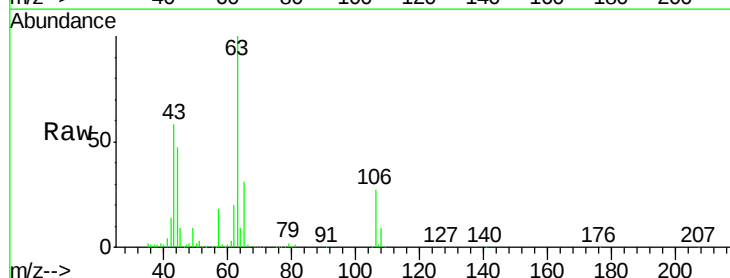
Manual Integrations
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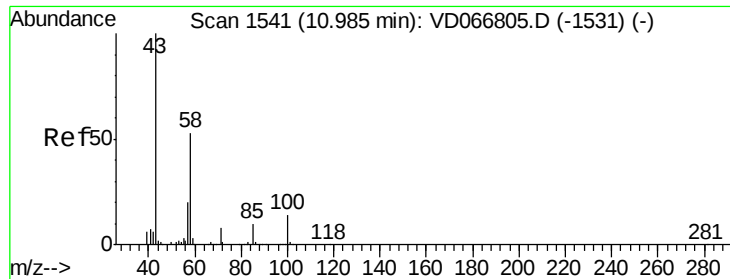
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.049 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Tgt Ion: 63 Resp: 426560
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.6





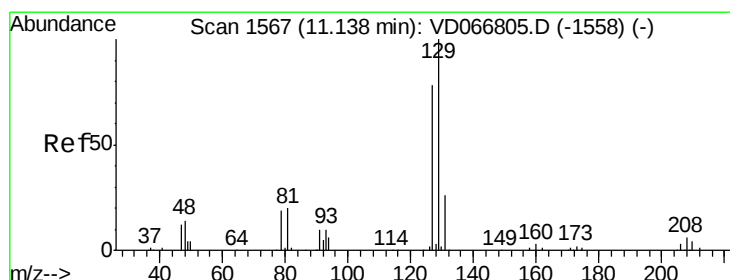
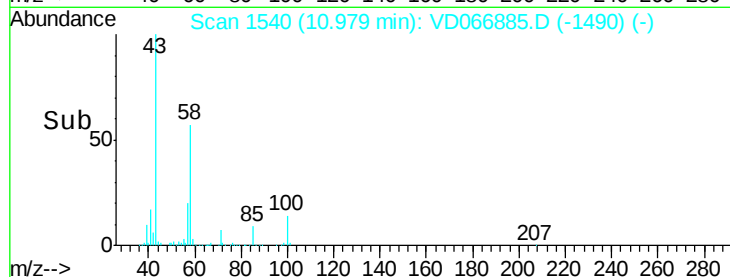
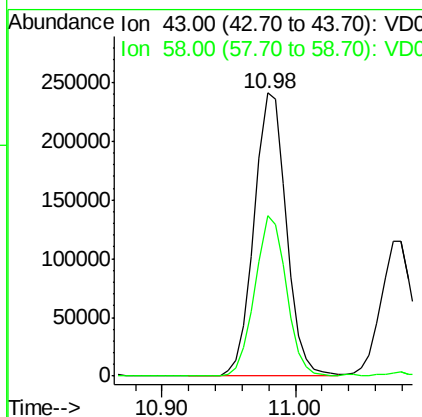
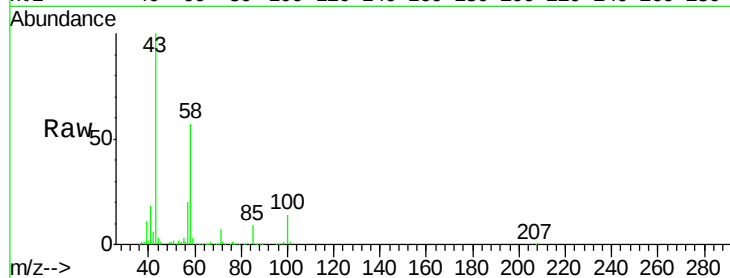
#59
2-Hexanone
Concen: 270.612 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 401014
Ion Ratio Lower Upper
43 100
58 55.5 27.0 80.8

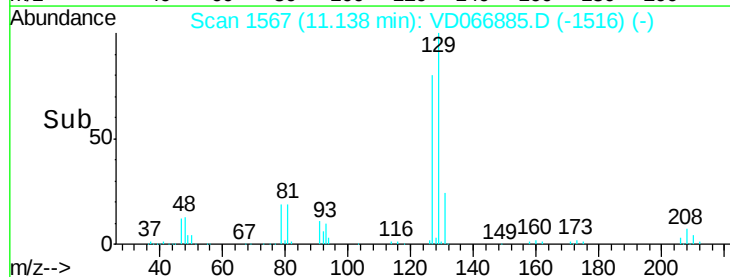
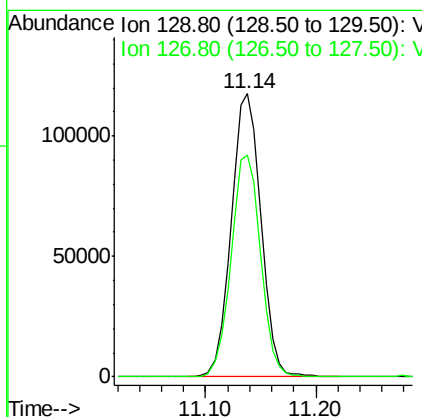
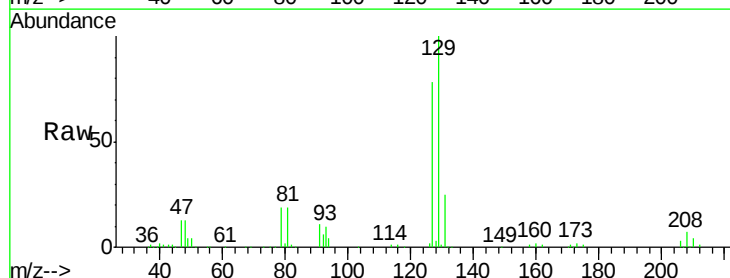
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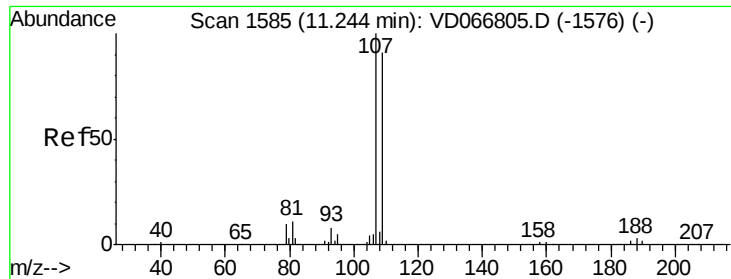
MMDadoda
9/29/2020 11:45:25 AM



#60
Dibromochloromethane
Concen: 52.298 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion:129 Resp: 222432
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





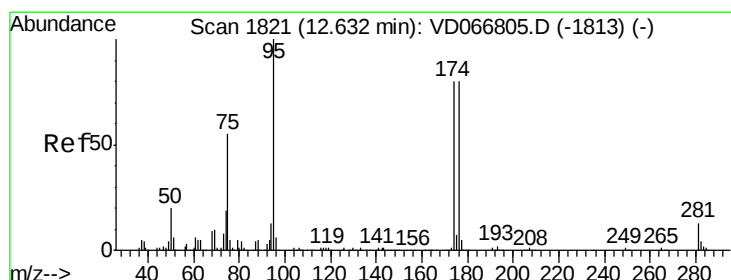
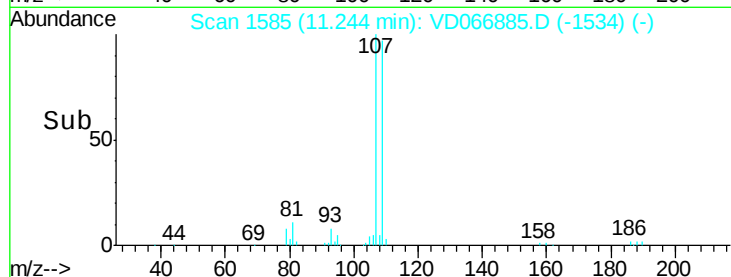
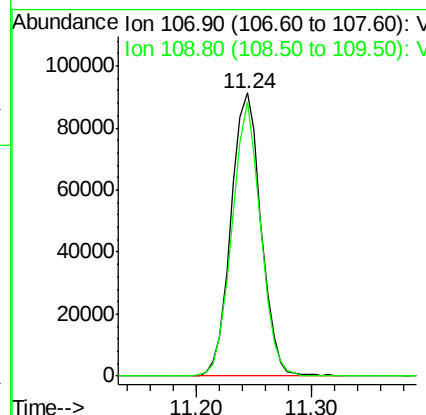
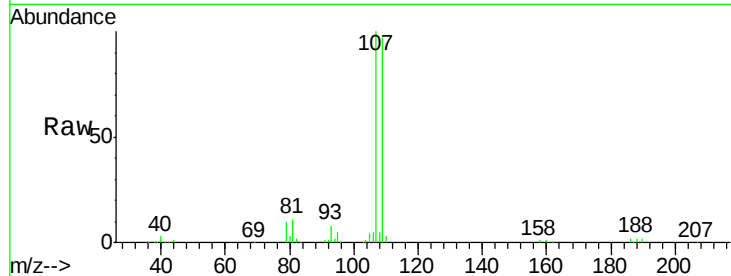
#61
 1,2-Dibromoethane
 Concen: 54.397 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	164885		
109	92.1	75.0	112.4	

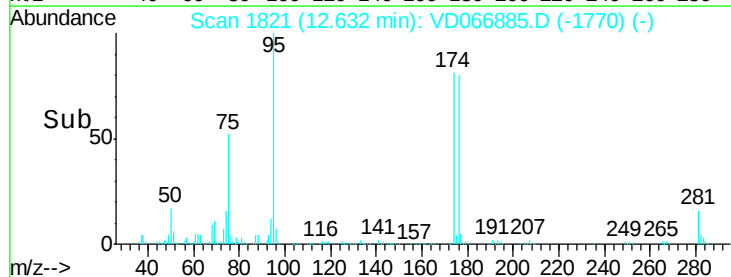
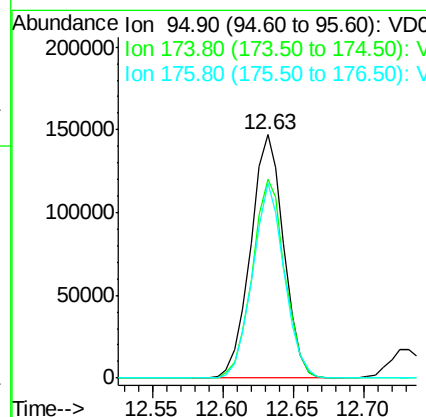
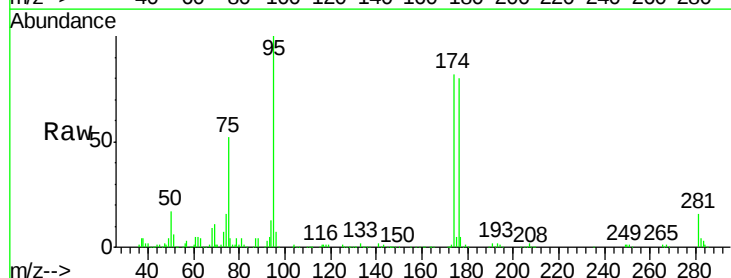
Manual Integrations
 APPROVED

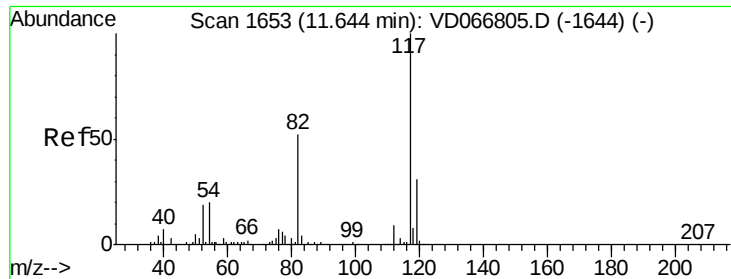
MMDadoda
 9/29/2020 11:45:25 AM



#62
 4-Bromofluorobenzene
 Concen: 52.030 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	242150		
174	80.3	0.0	159.8	
176	76.6	0.0	154.4	





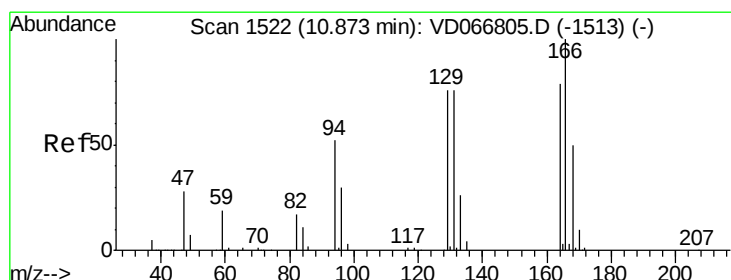
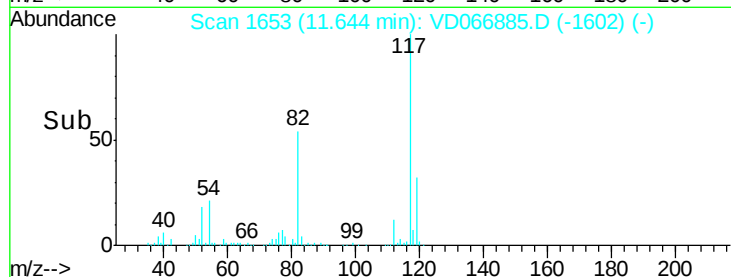
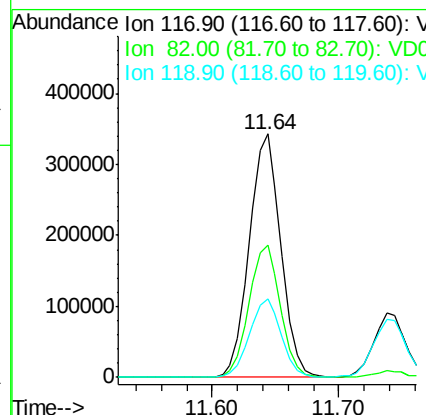
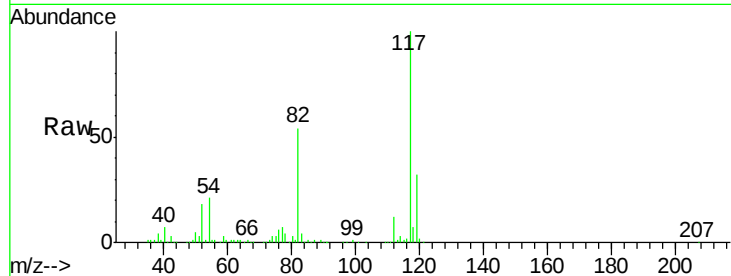
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	593015		
82	54.1		41.8	62.6
119	32.2		24.6	37.0

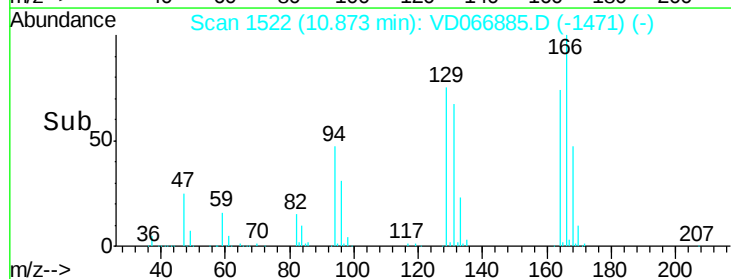
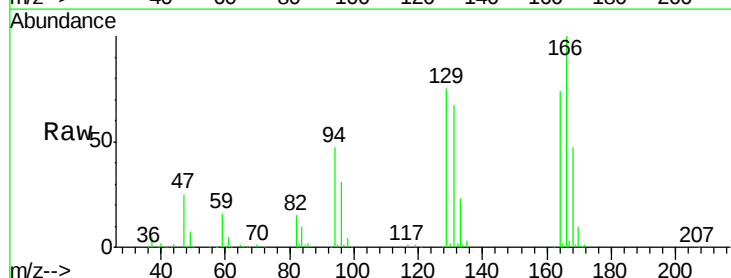
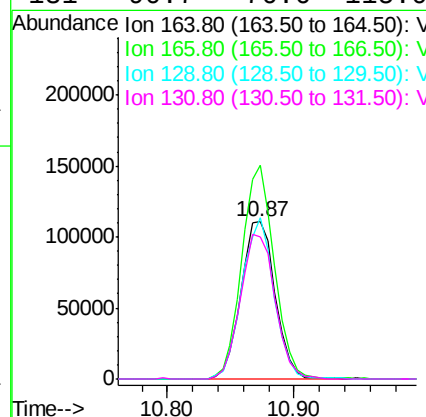
Manual Integrations
APPROVED

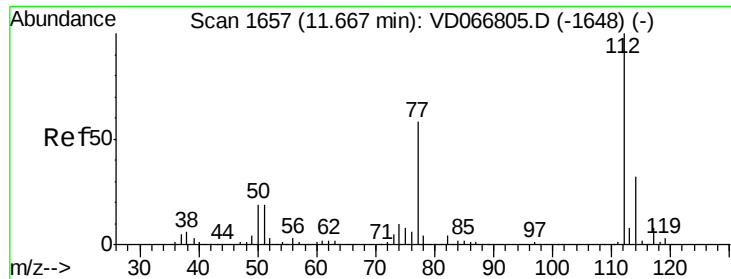
MMDadoda
9/29/2020 11:45:25 AM



#64
Tetrachloroethene
Concen: 48.321 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	206120		
166	135.9		101.1	151.7
129	102.4		77.0	115.4
131	90.7		76.6	115.0





#65

Chlorobenzene

Concen: 48.916 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 603815

Ion Ratio Lower Upper

112 100

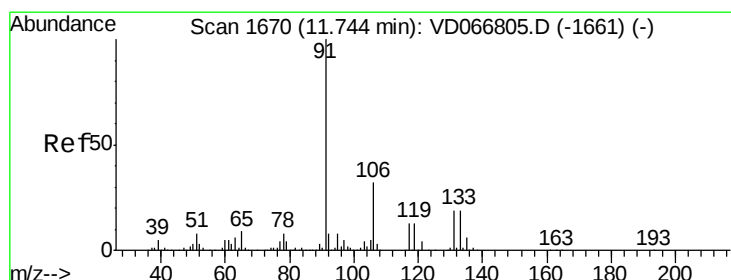
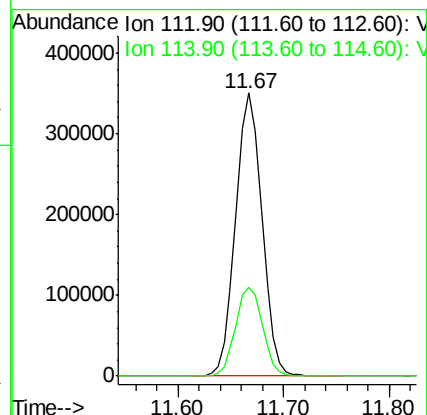
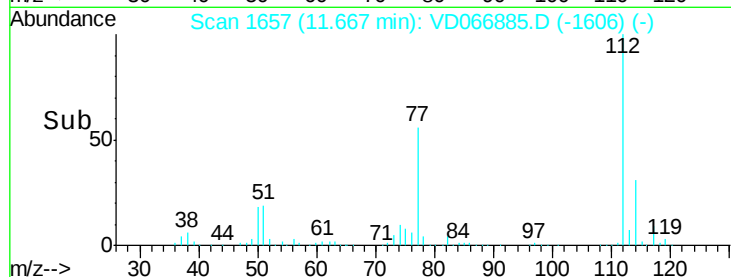
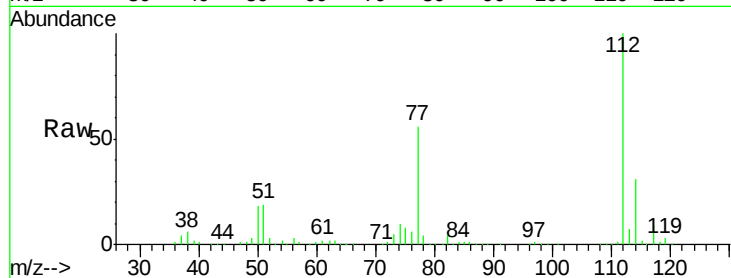
114 31.5 25.4 38.2

Manual Integrations

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MMDadoda

9/29/2020 11:45:25 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 50.217 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

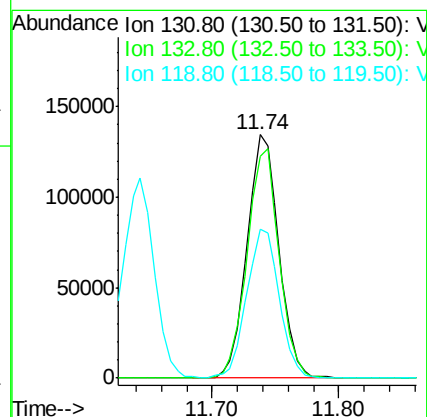
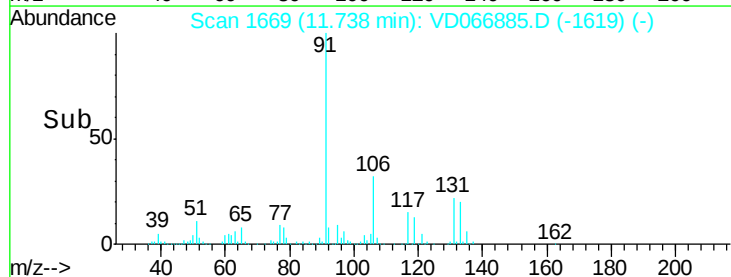
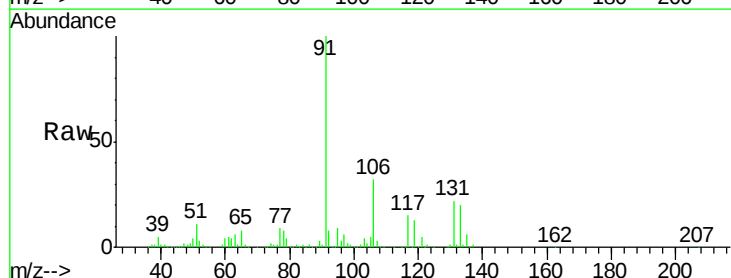
Tgt Ion:131 Resp: 234612

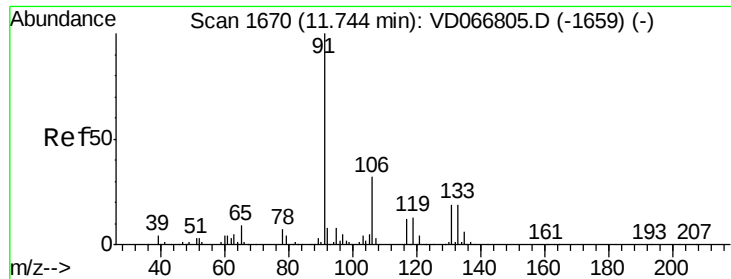
Ion Ratio Lower Upper

131 100

133 94.9 46.7 140.1

119 62.8 32.3 96.9





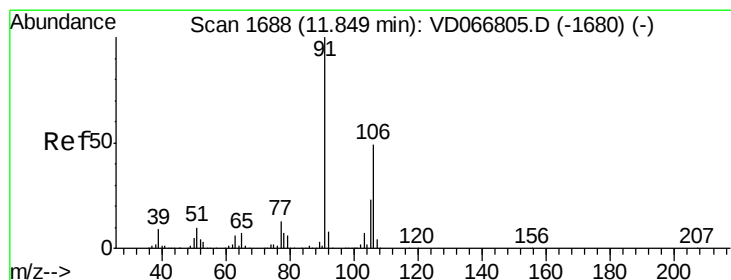
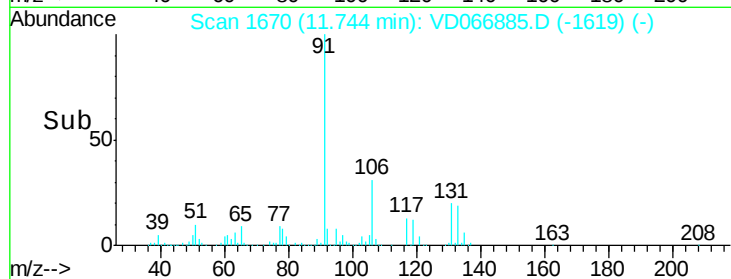
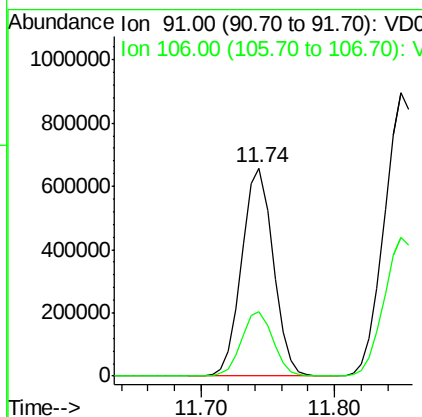
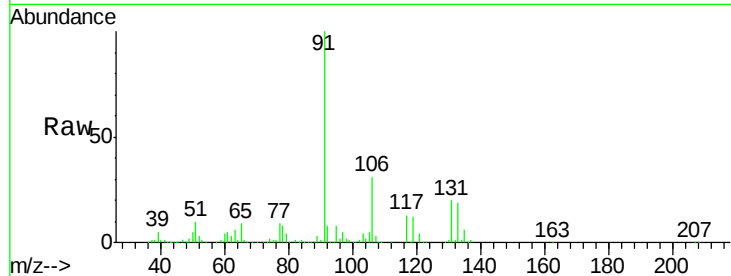
#67
Ethyl Benzene
Concen: 49.647 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1076336
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

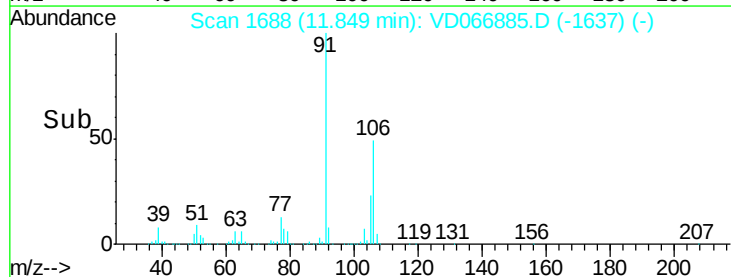
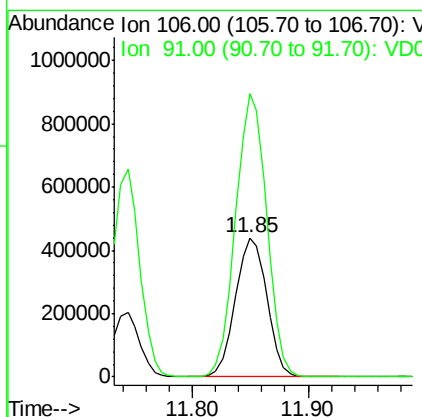
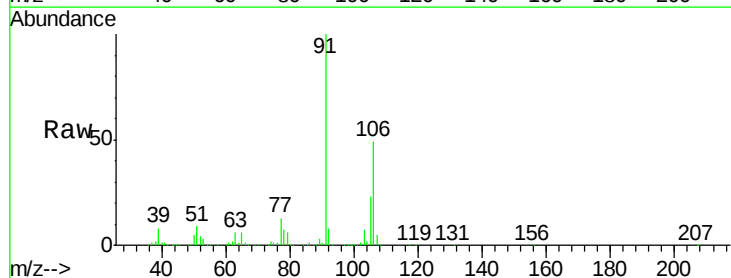
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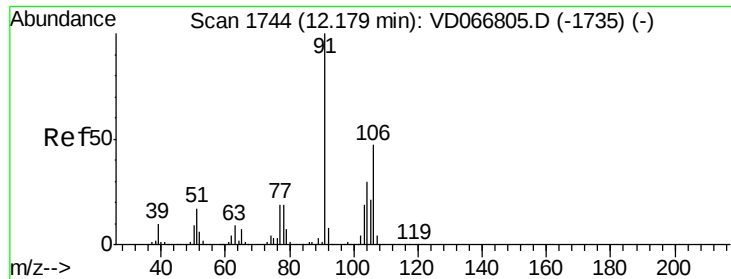
MMDadoda
9/29/2020 11:45:25 AM



#68
m/p-Xylenes
Concen: 101.230 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion: 106 Resp: 830929
Ion Ratio Lower Upper
106 100
91 201.1 160.7 241.1





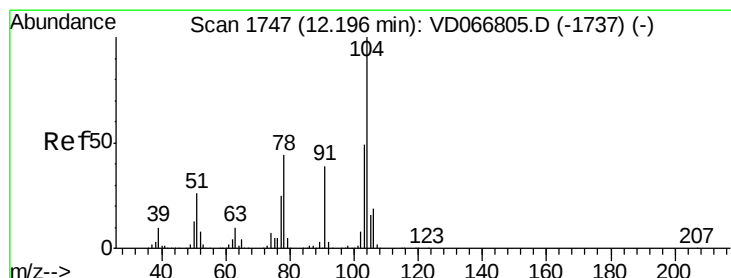
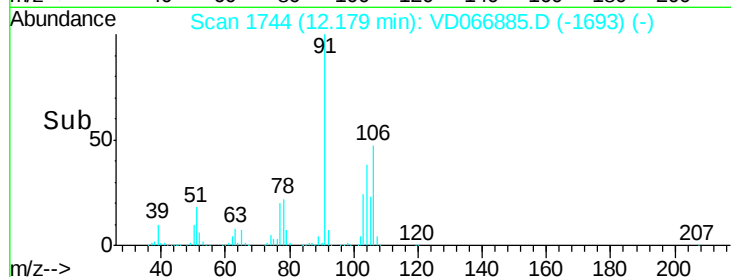
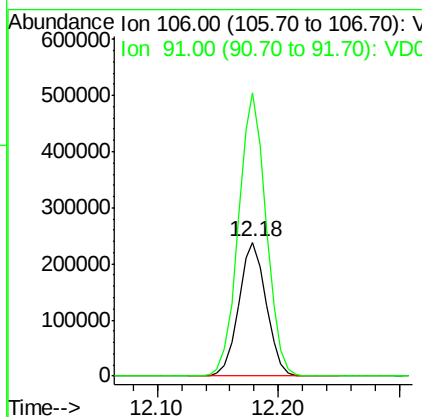
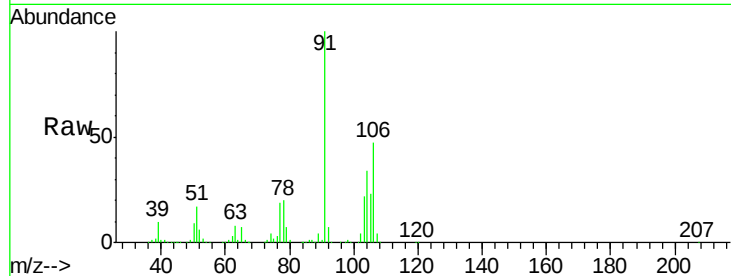
#69
o-Xylene
Concen: 51.148 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		379630		
91	212.1	106.3	318.8		

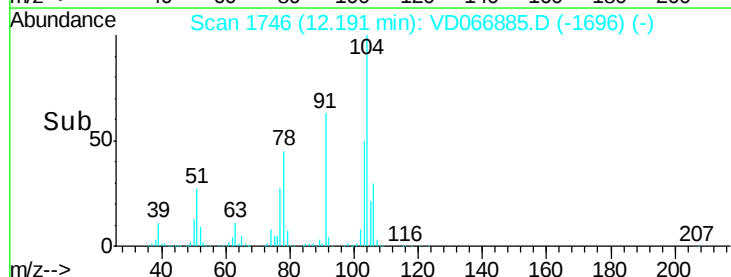
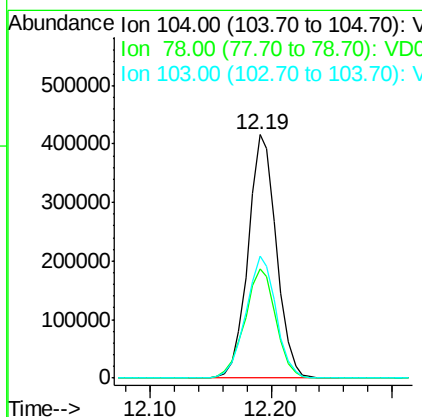
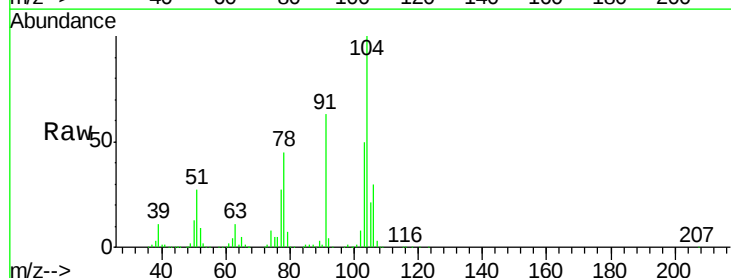
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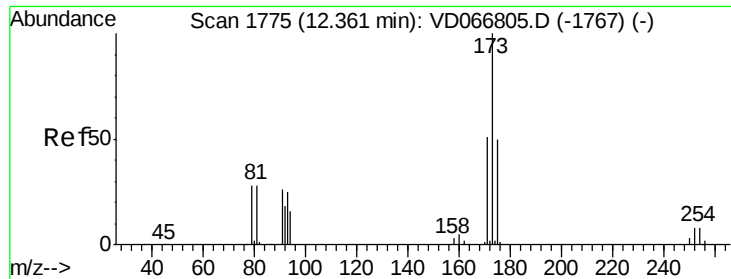
MMDadoda
9/29/2020 11:45:25 AM



#70
Styrene
Concen: 52.498 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		676682		
78	49.4	38.9	58.3		
103	53.4	43.2	64.8		





#71

Bromoform

Concen: 52.313 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

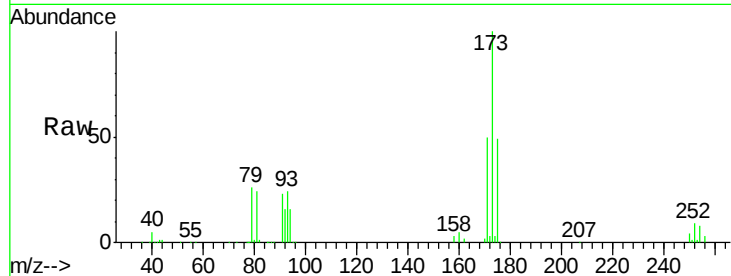
ClientSampleId :

VSTDCCC050EC

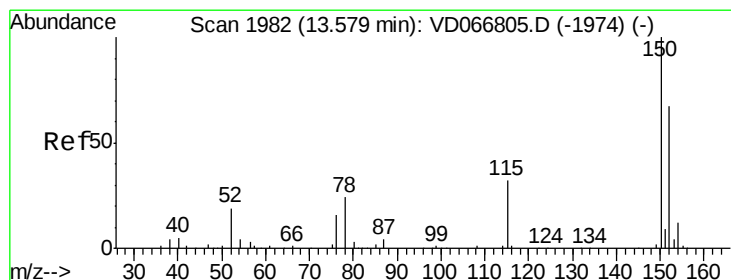
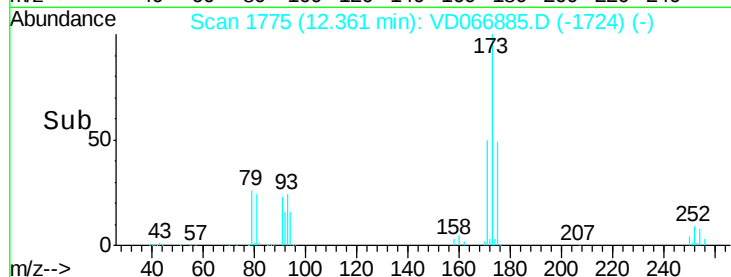
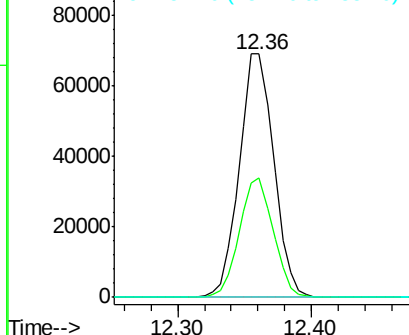
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.6
254	0.0	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

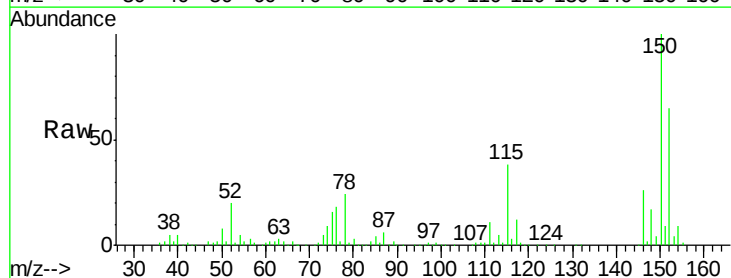
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

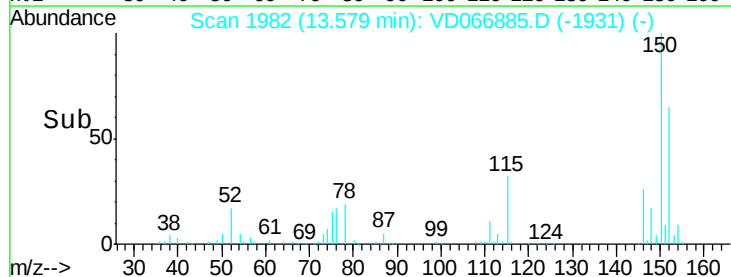
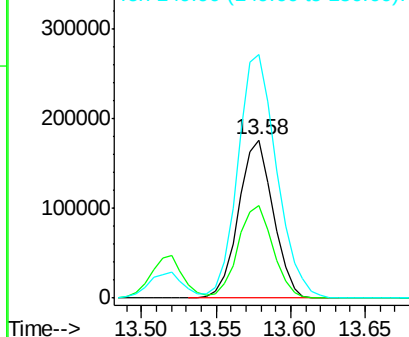
Lab File: VD066885.D

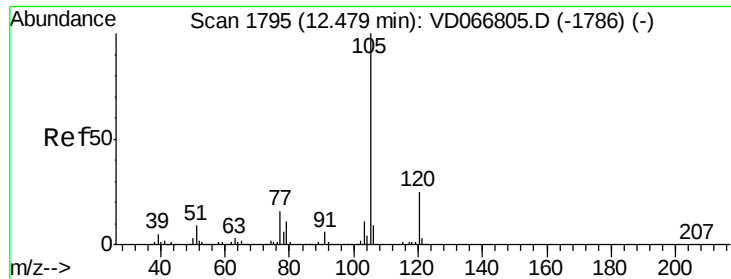
Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.3	91.0
150	172.9	0.0	346.2



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





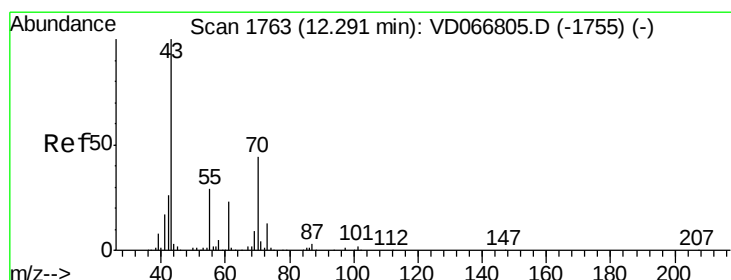
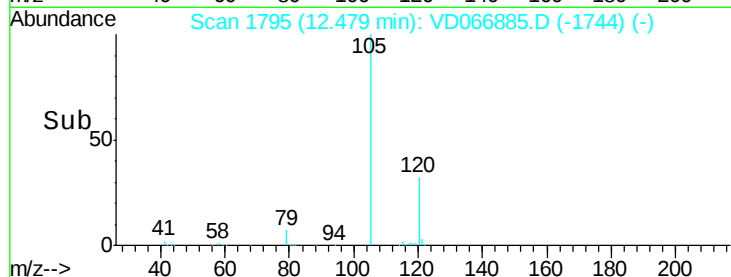
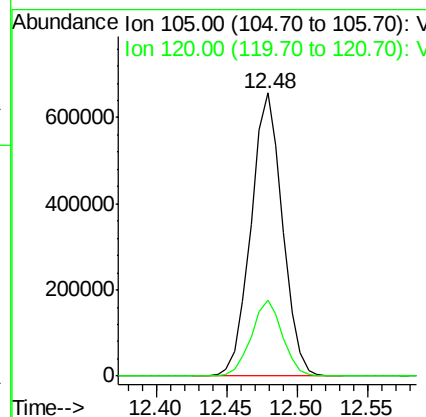
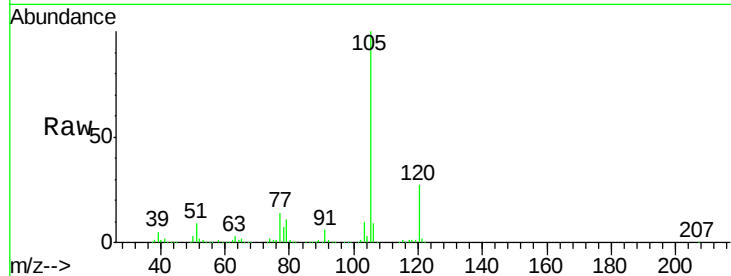
#73
Isopropylbenzene
Concen: 50.343 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 1031098
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

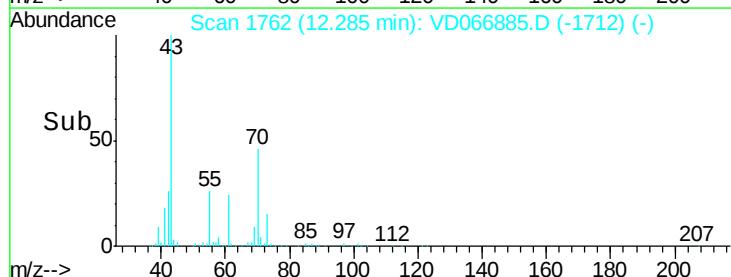
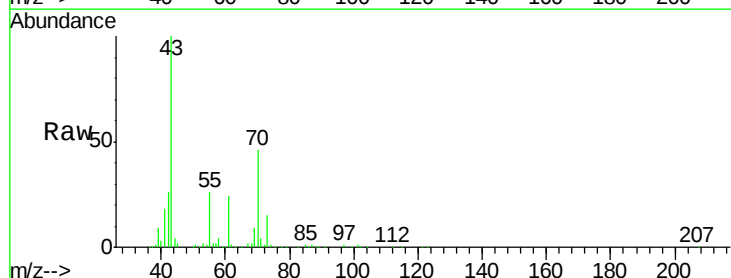
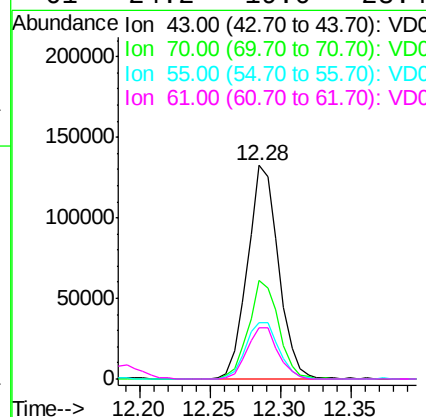
Manual Integrations
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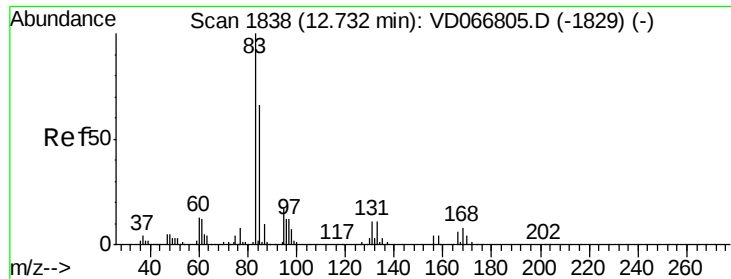
MMDadoda
9/29/2020 11:45:25 AM



#74
N-ethyl acetate
Concen: 51.270 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion: 43 Resp: 205068
Ion Ratio Lower Upper
43 100
70 45.0 36.1 54.1
55 28.4 21.8 32.8
61 24.2 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.582 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

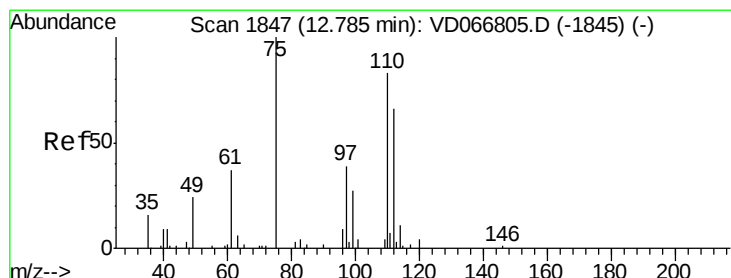
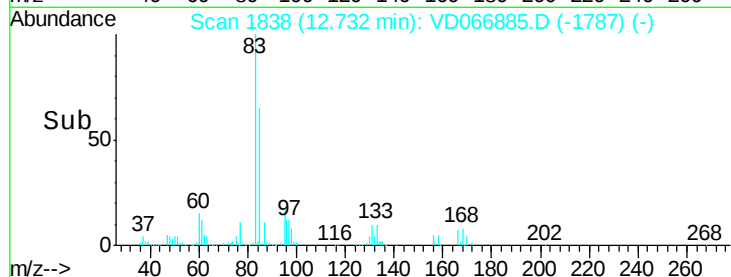
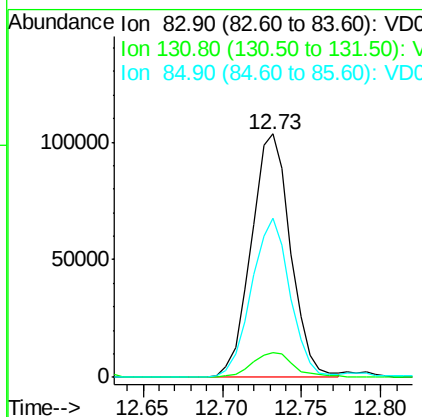
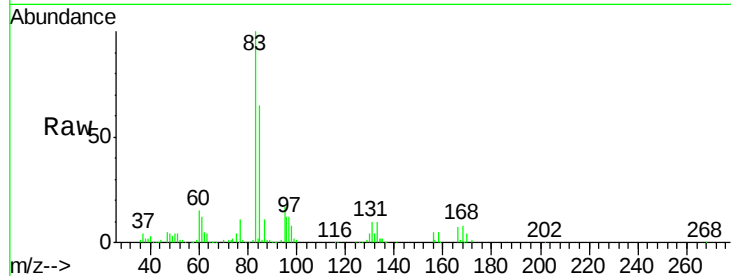
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	178765
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.7
85	63.9	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 45.714 ug/l m

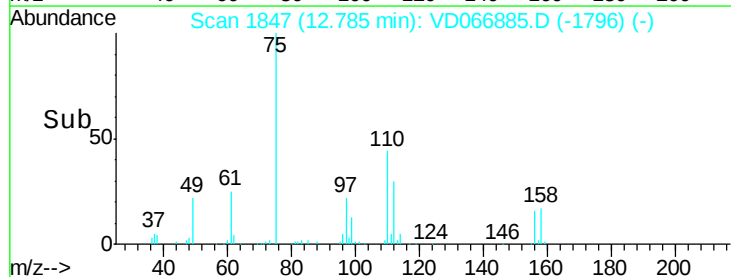
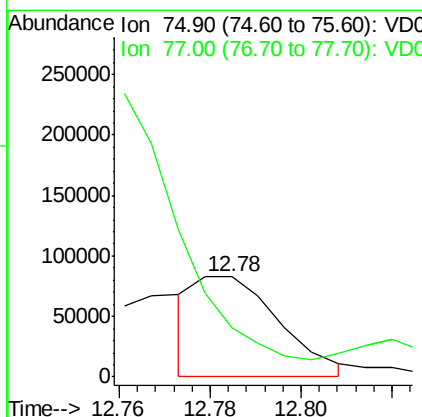
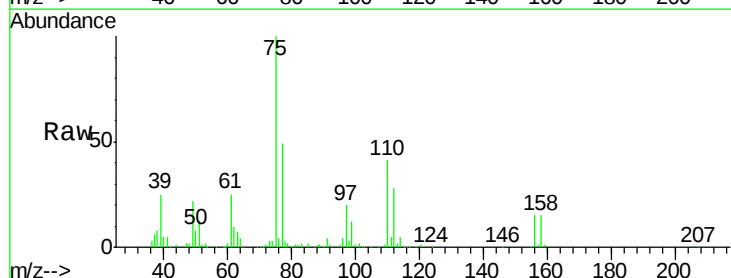
RT: 12.78 min Scan# 1847

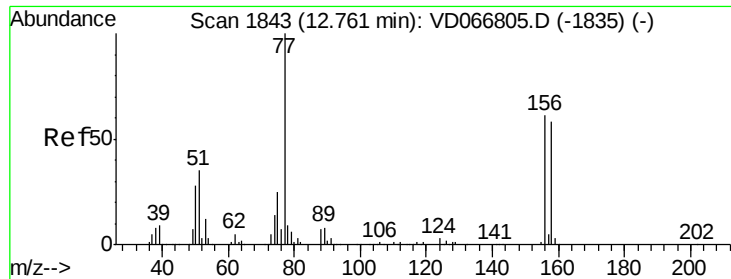
Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Tgt Ion:	75	Resp:	107410
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.295 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

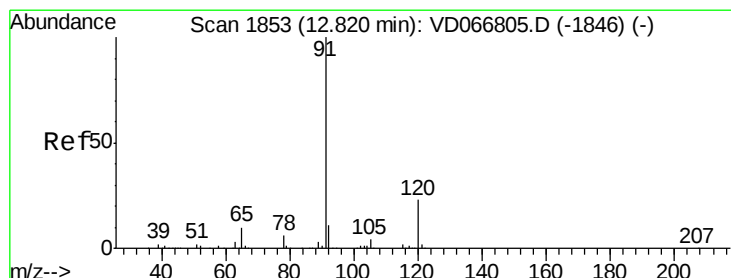
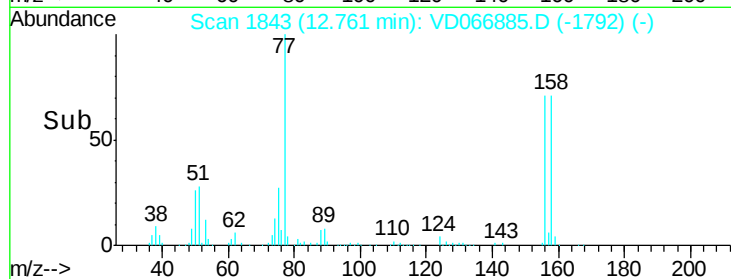
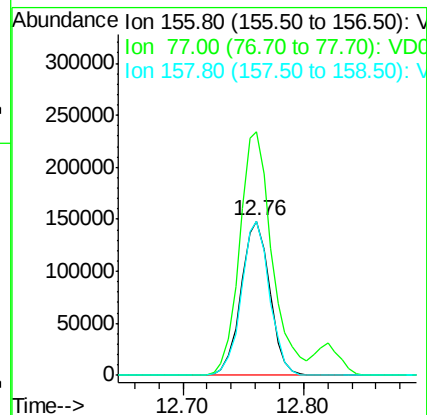
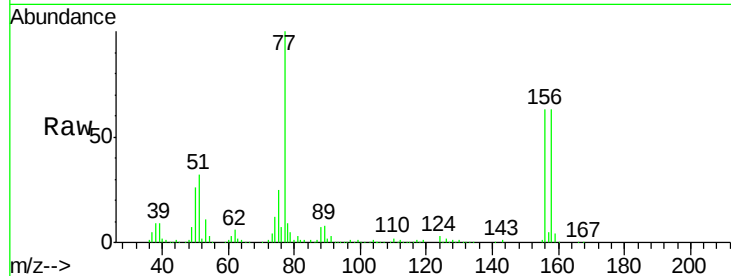
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		245712		
77	178.4	92.3	276.9		
158	97.8	47.6	142.9		

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#78

n-propylbenzene

Concen: 49.007 ug/l

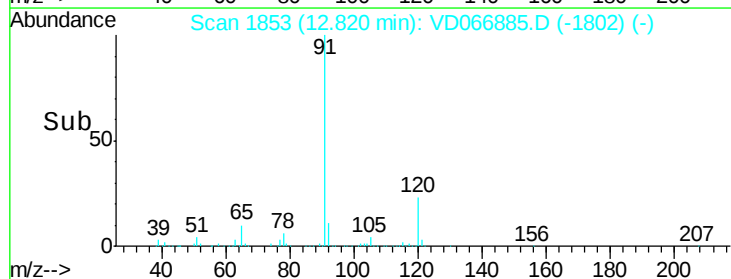
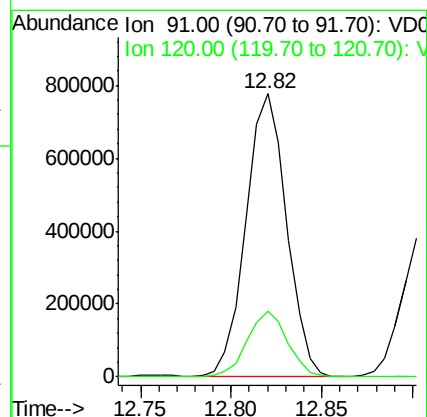
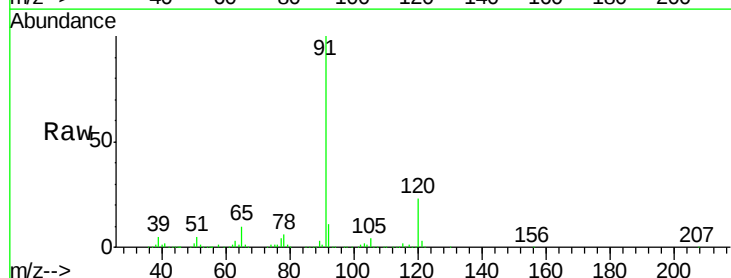
RT: 12.82 min Scan# 1853

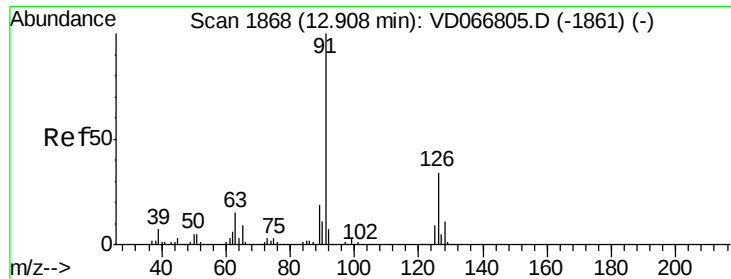
Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1207536		
120	22.8	11.4	34.2		





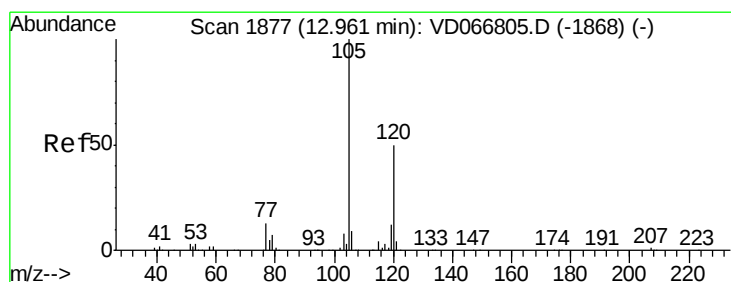
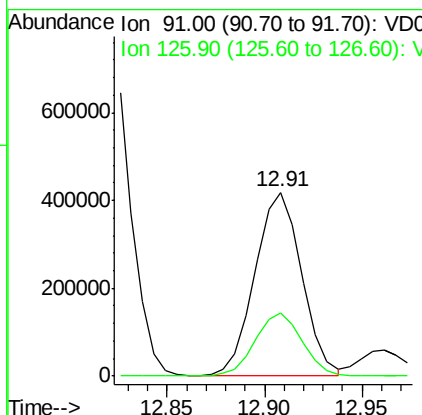
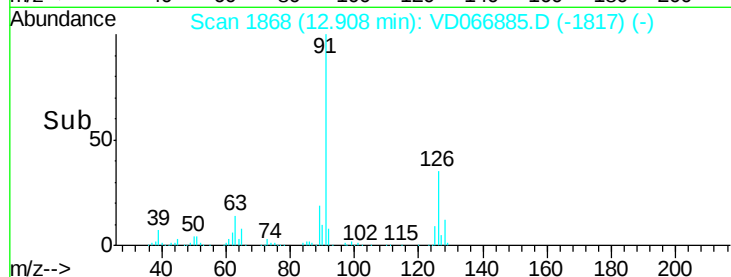
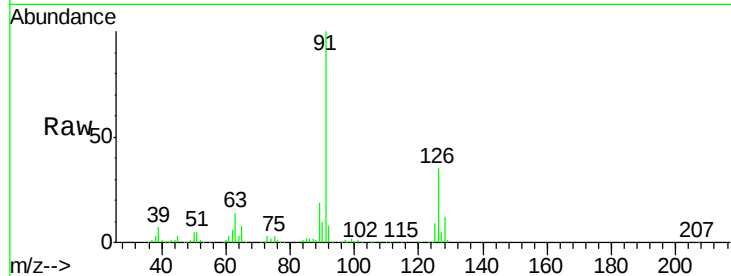
#79
2-Chlorotoluene
Concen: 49.378 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 693328
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0

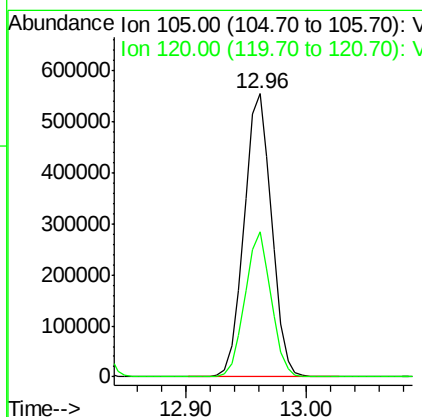
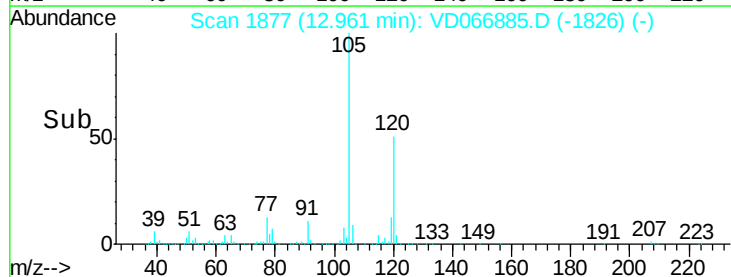
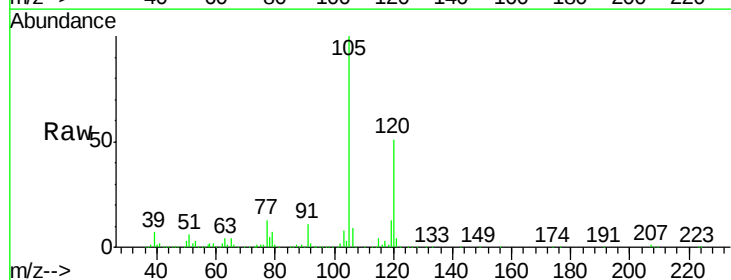
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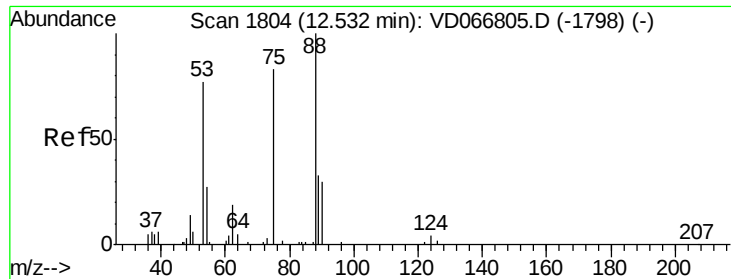
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#80
1,3,5-Trimethylbenzene
Concen: 50.719 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion: 105 Resp: 881428
Ion Ratio Lower Upper
105 100
120 49.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.797 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

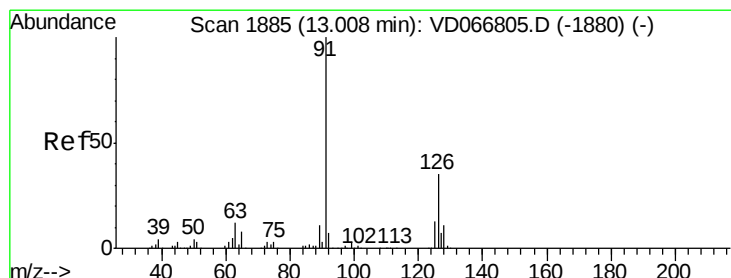
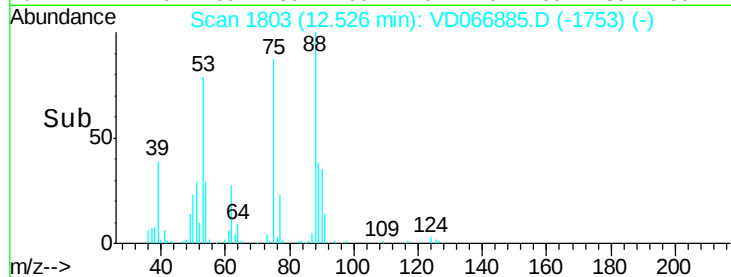
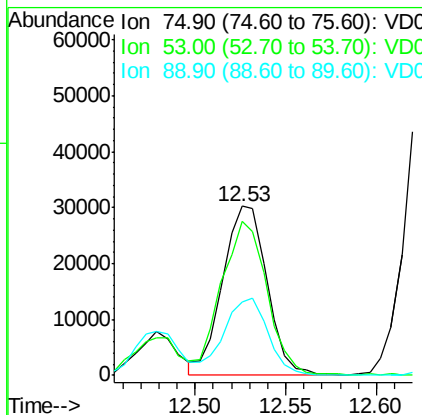
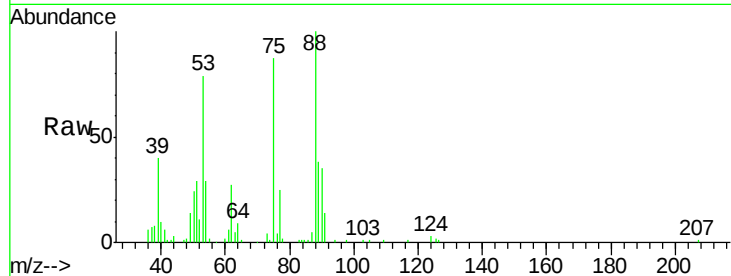
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	51461
Ion	Ratio	Lower	Upper
75	100		
53	93.8	78.5	117.7
89	44.7	38.1	57.1

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#82

4-Chlorotoluene

Concen: 50.316 ug/l

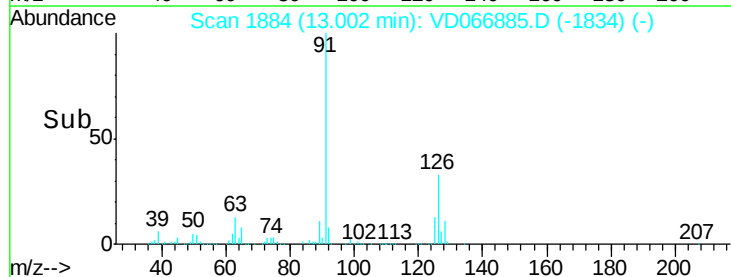
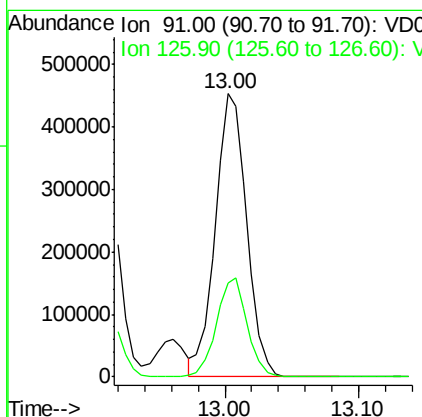
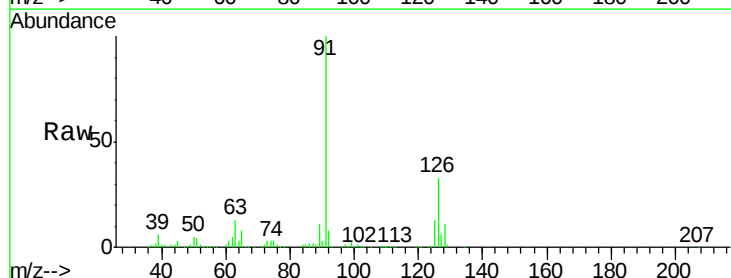
RT: 13.00 min Scan# 1884

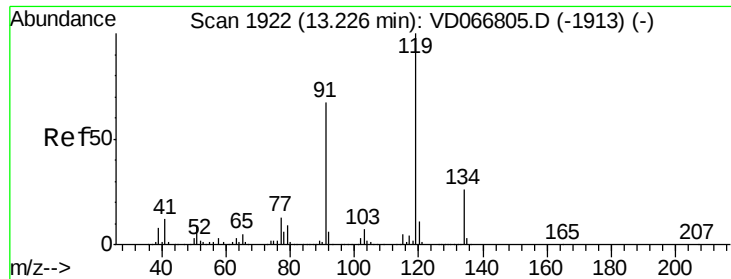
Delta R.T. -0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Tgt Ion:	91	Resp:	744752
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.1	51.2





#83

tert-Butylbenzene

Concen: 50.997 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

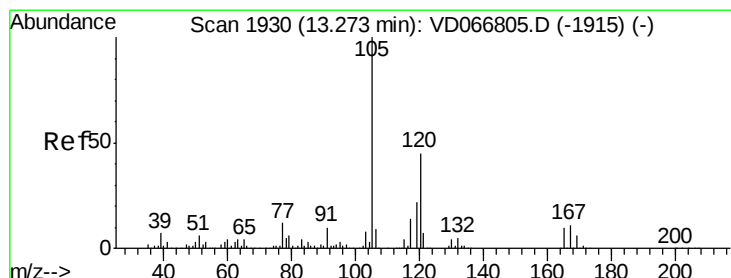
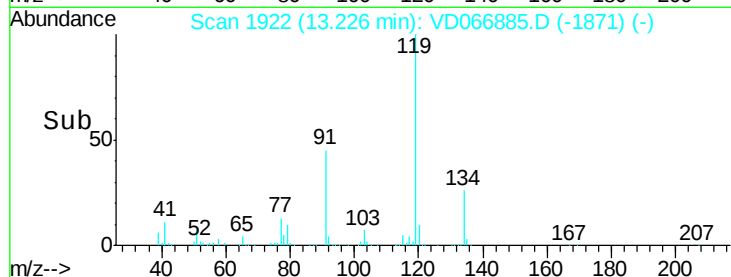
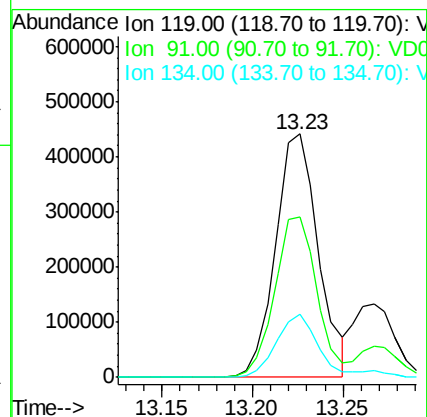
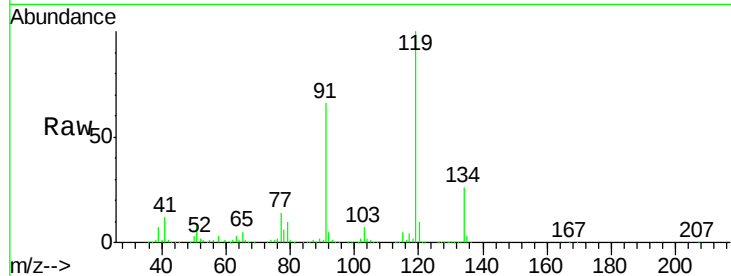
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	728267
Ion Ratio	Lower	Upper	
119	100		
91	64.9	33.6	100.8
134	26.7	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 50.833 ug/l

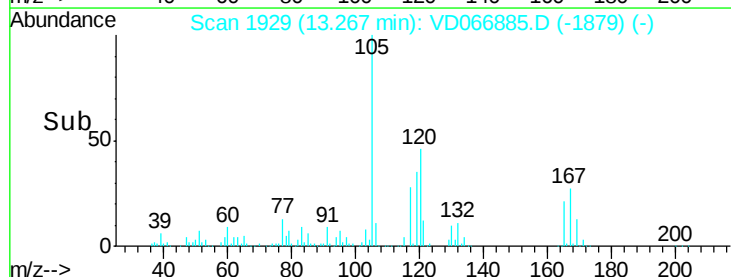
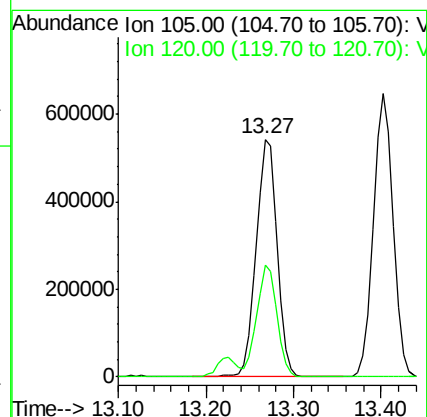
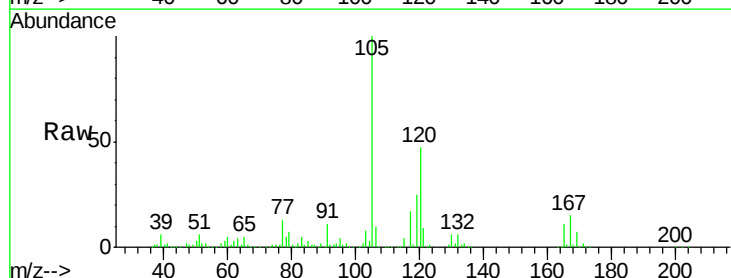
RT: 13.27 min Scan# 1929

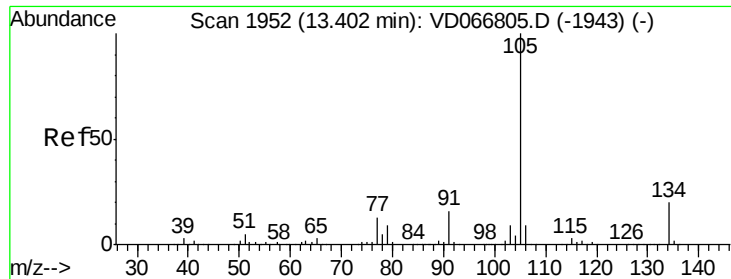
Delta R.T. -0.01 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Tgt Ion:	105	Resp:	876001
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.3	66.9





#85

sec-Butylbenzene

Concen: 49.279 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1011973

Ion Ratio Lower Upper

105 100

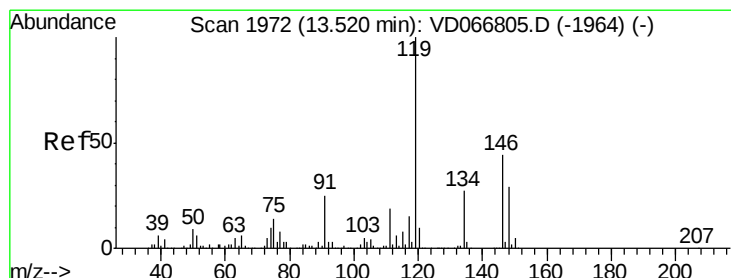
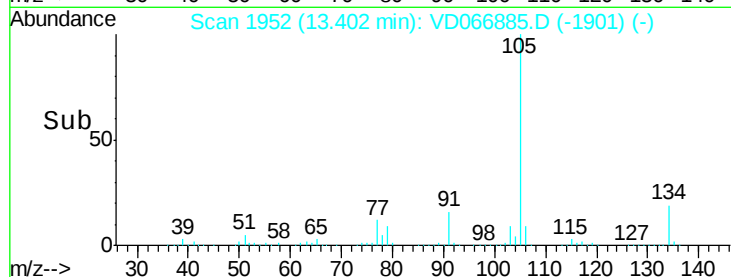
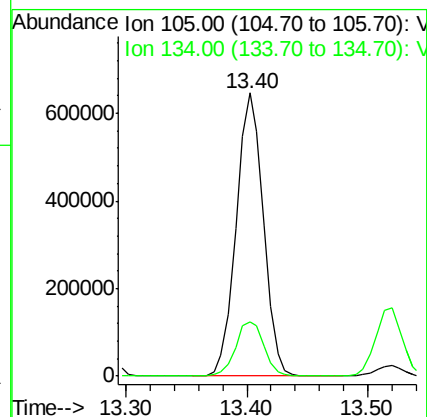
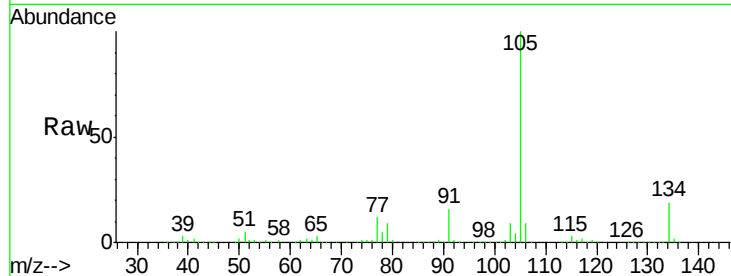
134 19.9 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 50.439 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066885.D

Acq: 25 Sep 2020 20:18

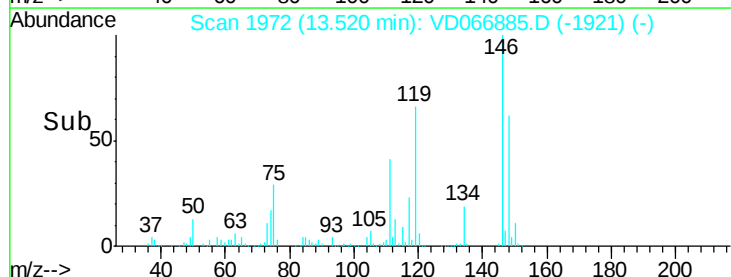
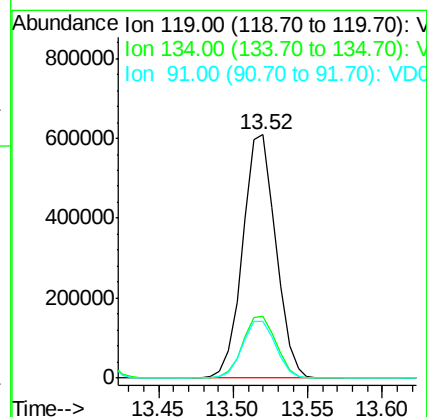
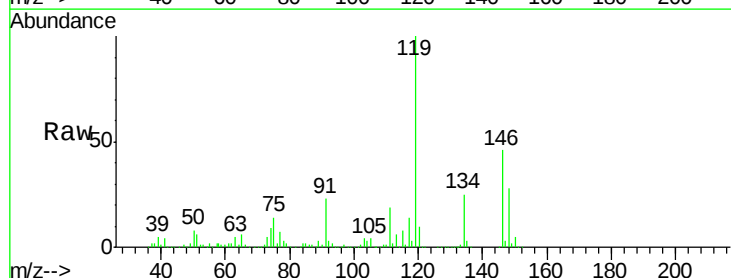
Tgt Ion:119 Resp: 933659

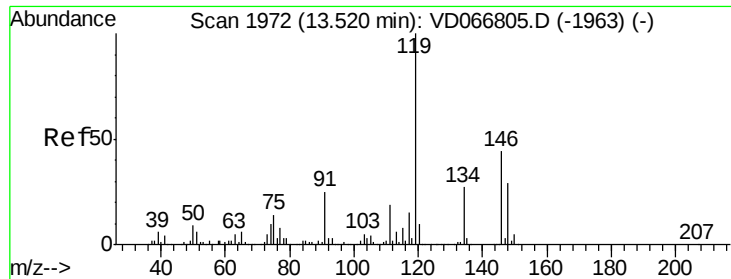
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.5 12.0 36.1





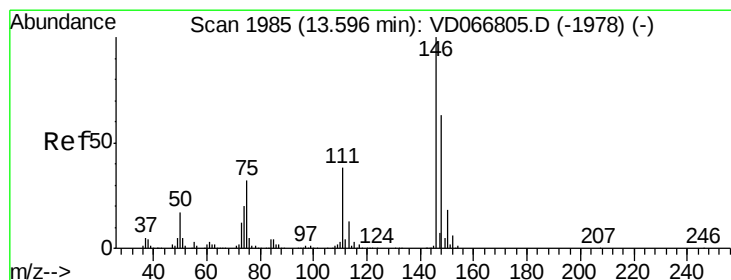
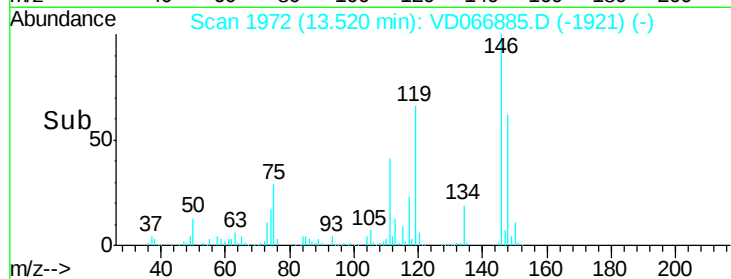
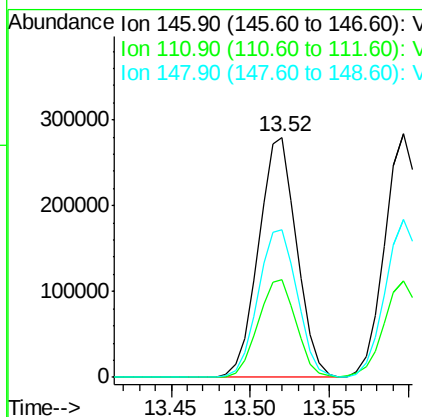
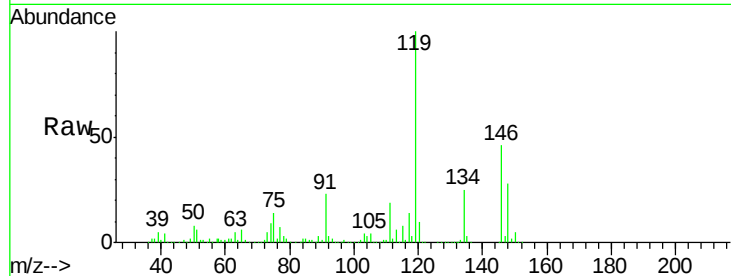
#87
 1,3-Dichlorobenzene
 Concen: 49.388 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	467392		
111	40.6	20.3	60.9	
148	63.2	31.9	95.5	

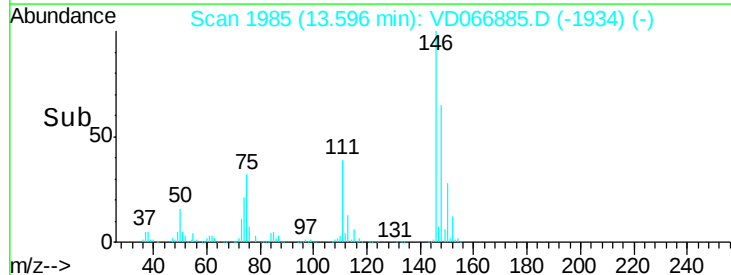
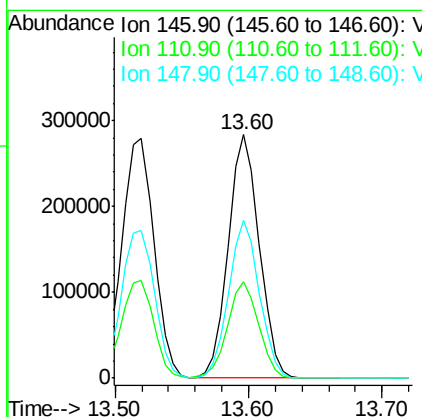
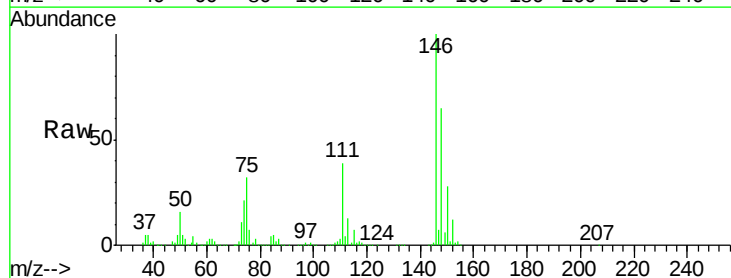
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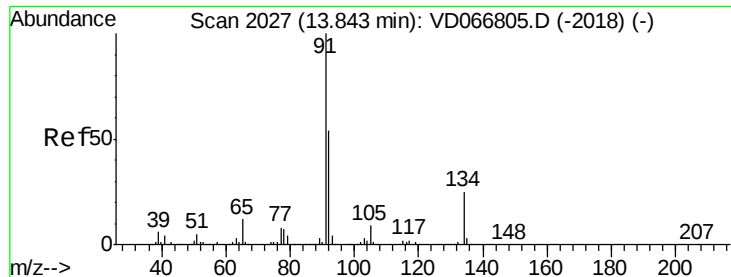
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#88
 1,4-Dichlorobenzene
 Concen: 49.043 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	460972		
111	39.5	20.2	60.5	
148	64.1	31.6	94.7	





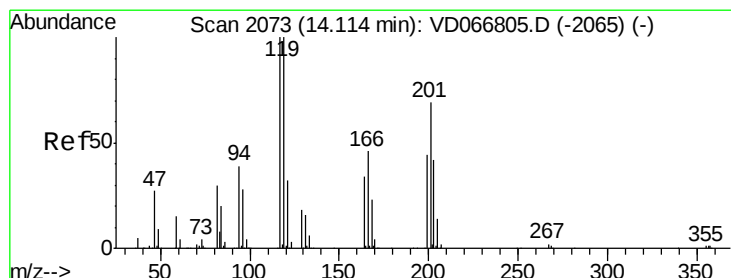
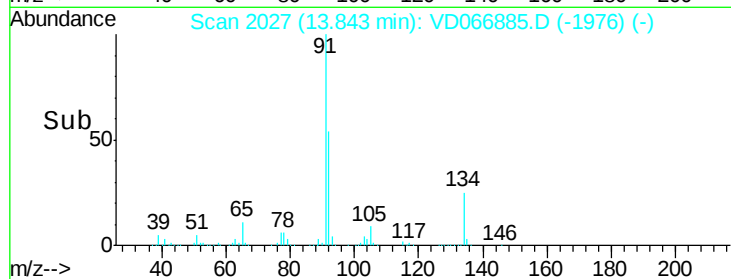
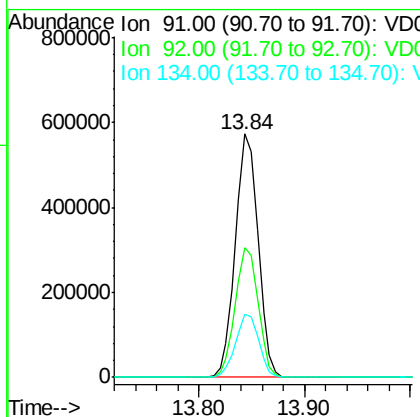
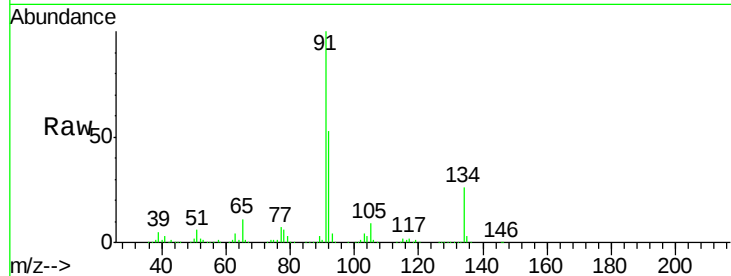
#89
n-Butylbenzene
Concen: 48.385 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	851290		
92	53.8	26.7	80.0	
134	26.3	13.1	39.1	

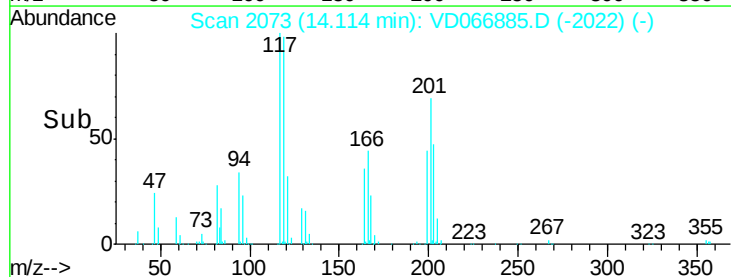
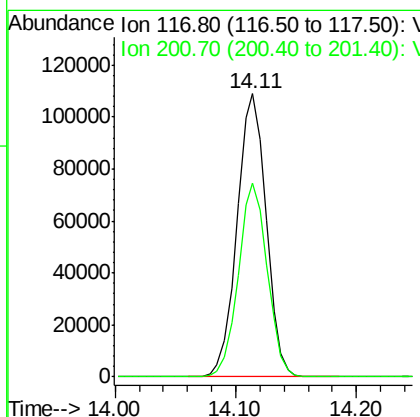
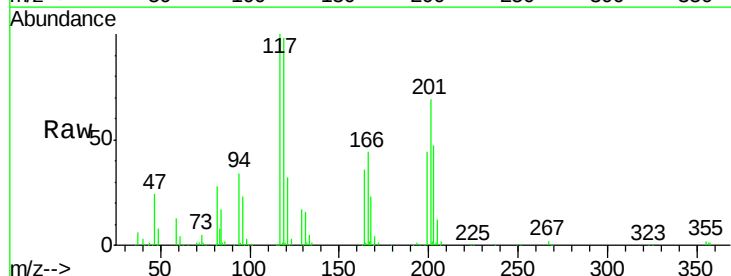
Manual Integrations
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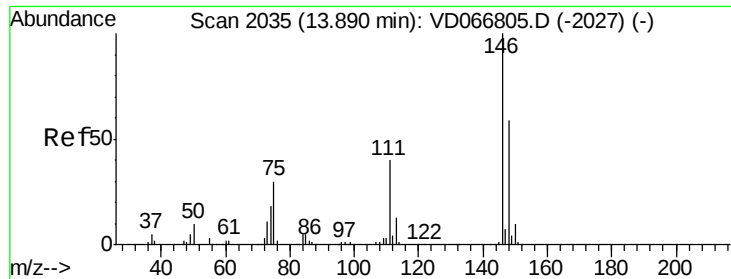
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#90
Hexachloroethane
Concen: 48.766 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	183264		
201	68.0	33.7	101.0	





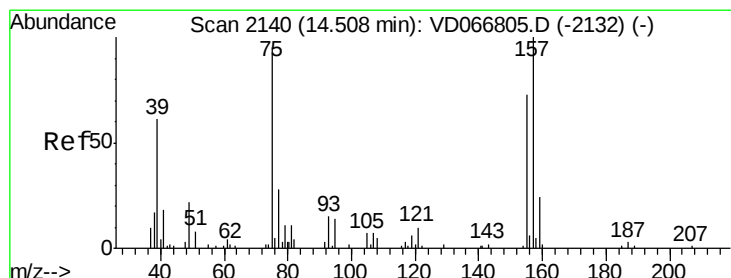
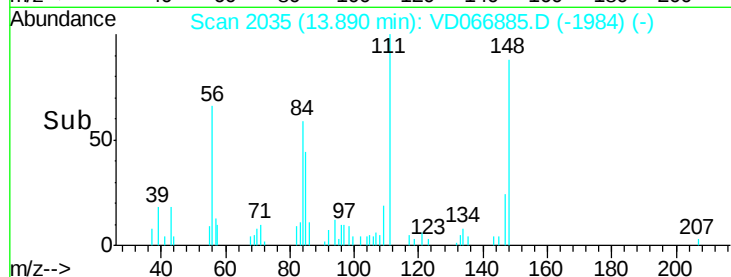
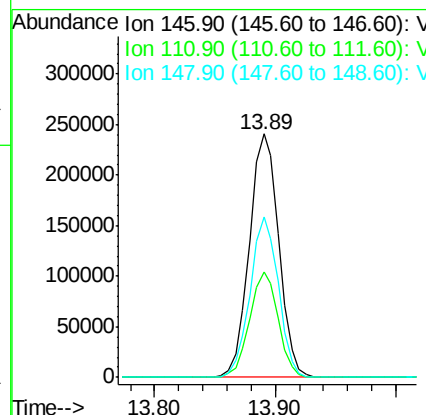
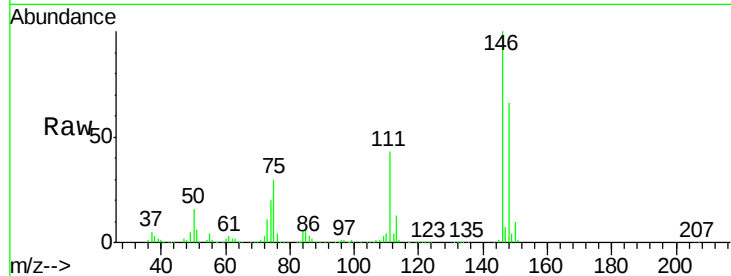
#91
 1,2-Dichlorobenzene
 Concen: 50.508 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	408939		
111	42.1		20.9	62.7
148	63.7		31.8	95.3

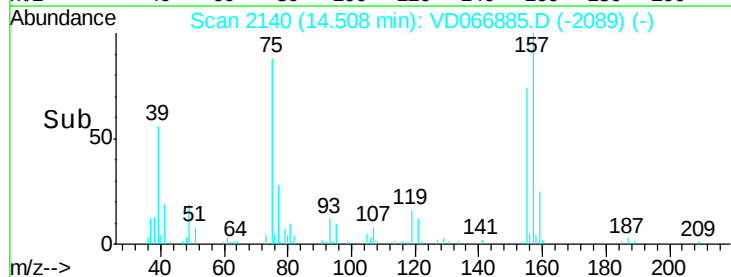
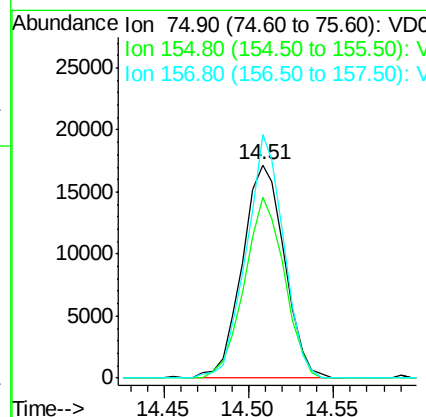
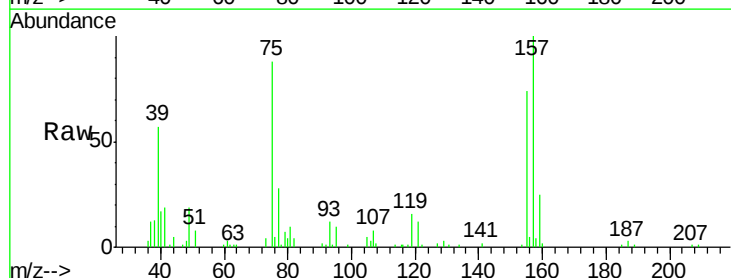
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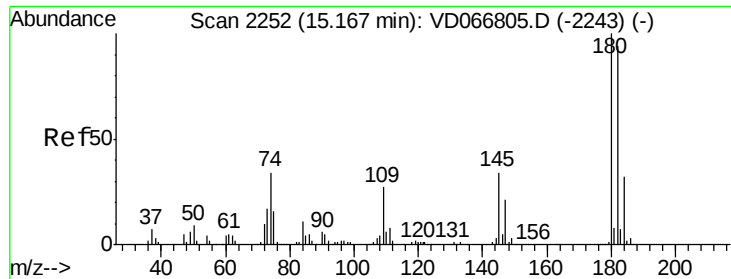
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.434 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29810		
155	80.1		40.4	121.2
157	101.6		51.3	153.9





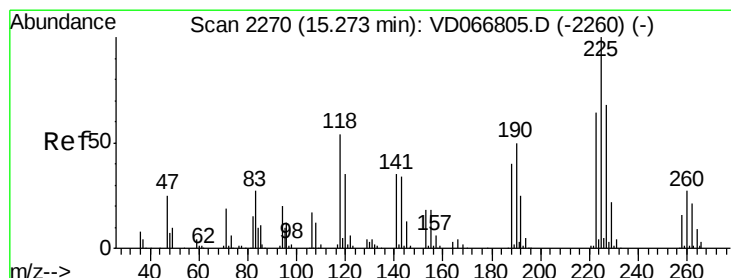
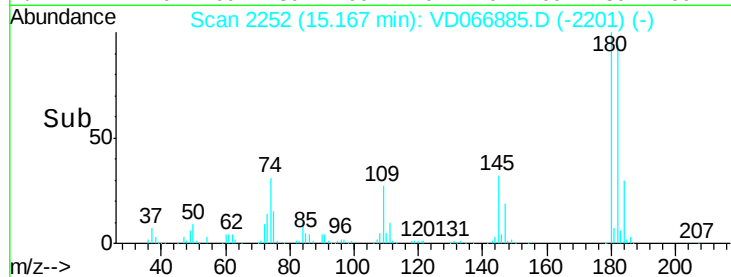
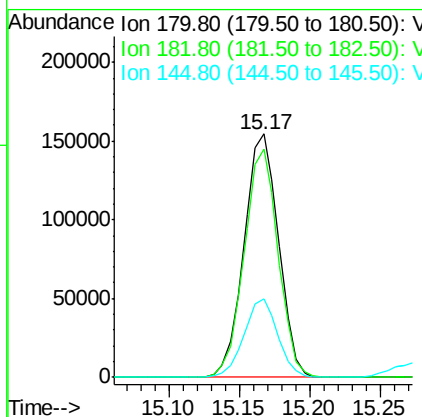
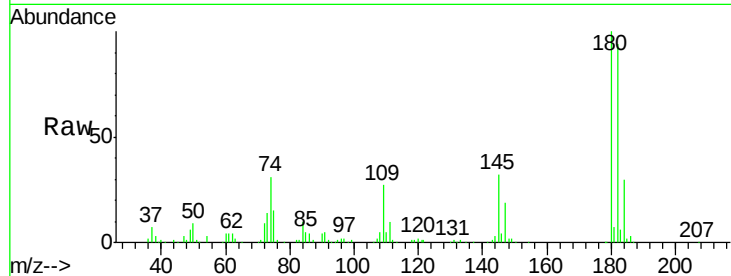
#93
 1,2,4-Trichlorobenzene
 Concen: 51.901 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	264532		
182	92.5	48.8	146.3	
145	31.6	16.7	50.0	

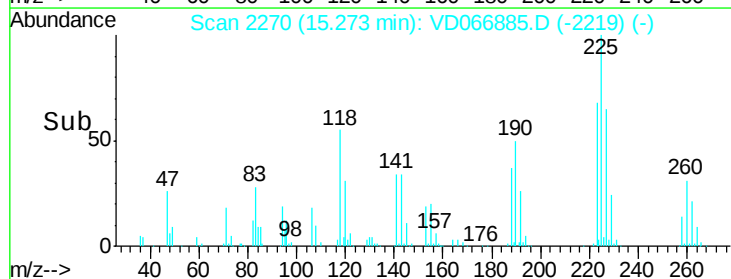
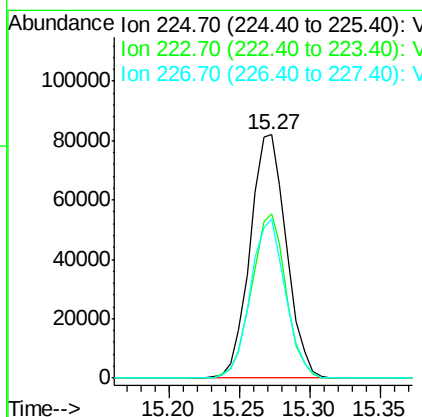
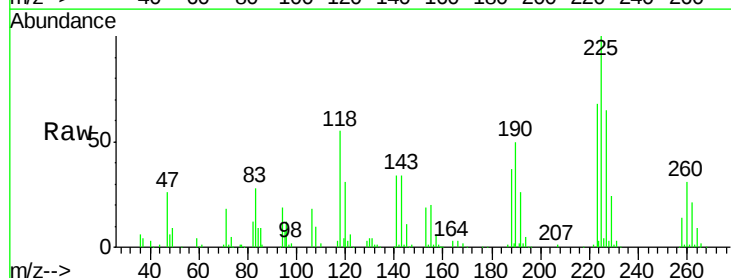
Manual Integrations
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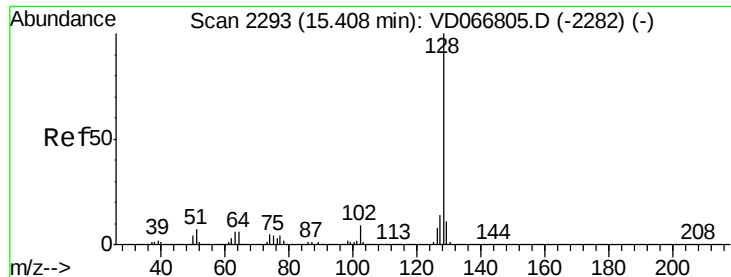
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#94
 Hexachlorobutadiene
 Concen: 48.290 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066885.D
 Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	147491		
223	64.3	31.1	93.3	
227	63.0	31.7	95.1	





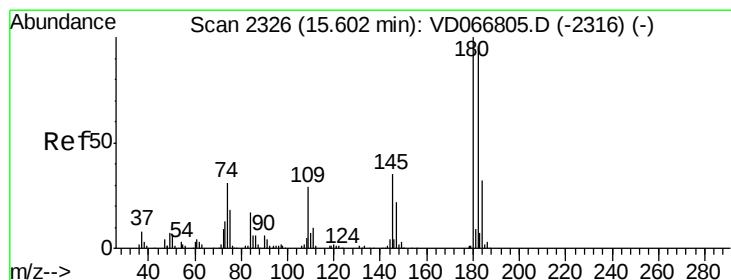
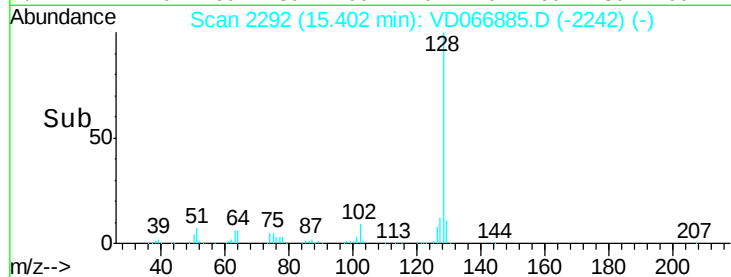
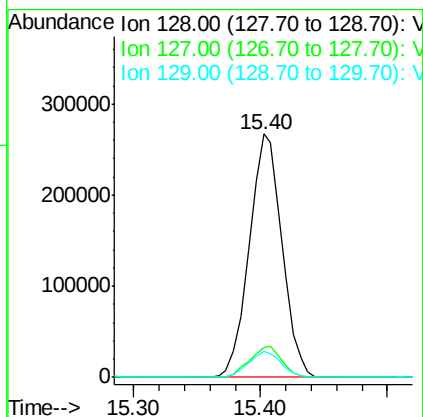
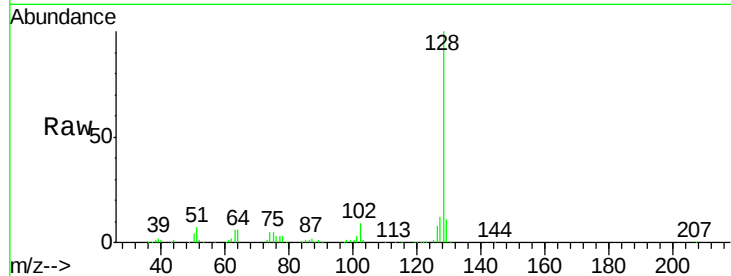
#95
Naphthalene
Concen: 55.425 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	479610		
127	12.7	10.6	16.0	
129	10.6	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.180 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066885.D
Acq: 25 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229548		
182	95.7	46.8	140.3	
145	33.9	17.0	51.0	

