

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066927.D
 Acq On : 29 Sep 2020 09:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 1:21:51 PM

Quant Time: Sep 30 02:49:38 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	7.97	168	425389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	640987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	579196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282317	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	180613	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	
35) Dibromofluoromethane	7.91	113	197527	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.34	98	696315	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.63	95	244643	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	143826	48.289	ug/l	89
3) Chloromethane	2.21	50	154687	39.578	ug/l	98
4) Vinyl Chloride	2.35	62	157686	40.838	ug/l	96
5) Bromomethane	2.77	94	111240	40.987	ug/l	93
6) Chloroethane	2.92	64	98494	41.076	ug/l	95
7) Trichlorofluoromethane	3.27	101	368168	46.427	ug/l	98
8) Diethyl Ether	3.71	74	97764	48.561	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	220568	47.967	ug/l	98
10) Methyl Iodide	4.30	142	203806	50.227	ug/l	97
11) Tert butyl alcohol	5.23	59	64118	256.080	ug/l	98
12) 1,1-Dichloroethene	4.07	96	196467	47.165	ug/l	95
13) Acrolein	3.93	56	79866	260.029	ug/l	95
14) Allyl chloride	4.71	41	280172	45.805	ug/l	97
15) Acrylonitrile	5.42	53	215609	241.666	ug/l	99
16) Acetone	4.16	43	172476	195.279	ug/l	97
17) Carbon Disulfide	4.41	76	570887	44.828	ug/l	100
18) Methyl Acetate	4.71	43	96303	48.779	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	453616	50.145	ug/l	96
20) Methylene Chloride	4.97	84	235006	49.209	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	230695	47.830	ug/l	93
22) Diisopropyl ether	6.36	45	601499	47.827	ug/l	98
23) Vinyl Acetate	6.30	43	1590076	233.054	ug/l	98
24) 1,1-Dichloroethane	6.26	63	395436	47.000	ug/l	99
25) 2-Butanone	7.21	43	237724	223.971	ug/l	97
26) 2,2-Dichloropropane	7.21	77	365768	47.432	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	260915	49.788	ug/l	96
28) Bromochloromethane	7.54	49	164565	47.346	ug/l #	92
29) Tetrahydrofuran	7.56	42	169595	249.369	ug/l	98
30) Chloroform	7.71	83	424710	46.830	ug/l	95
31) Cyclohexane	7.98	56	342285	45.214	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	397930	48.503	ug/l	98
36) 1,1-Dichloropropene	8.11	75	323193	50.824	ug/l	99
37) Ethyl Acetate	7.28	43	119394	51.936	ug/l #	95
38) Carbon Tetrachloride	8.09	117	359107	51.653	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	385672	52.823	ug/l	99
40) Benzene	8.35	78	907231	51.190	ug/l	97
41) Methacrylonitrile	7.53	41	62060	43.898	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	253981	48.476	ug/l	99
43) Isopropyl Acetate	8.45	43	226197	51.036	ug/l	99
44) Trichloroethene	9.11	130	265108	52.480	ug/l	95
45) 1,2-Dichloropropane	9.38	63	226301	50.751	ug/l	98
46) Dibromomethane	9.47	93	126143	52.067	ug/l	96
47) Bromodichloromethane	9.66	83	331032	50.864	ug/l #	97
48) Methyl methacrylate	9.45	41	119317	54.602	ug/l	95
49) 1,4-Dioxane	9.46	88	30638	1128.468	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	593642	264.338	ug/l	98
52) Toluene	10.40	92	606299	53.110	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	296885	53.596	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	353330	52.311	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	175067	52.564	ug/l	97
56) Ethyl methacrylate	10.66	69	202628	56.791	ug/l	96
57) 1,3-Dichloropropane	10.94	76	292684	53.220	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	431124	255.194	ug/l	96
59) 2-Hexanone	10.98	43	406075	268.126	ug/l	98
60) Dibromochloromethane	11.14	129	234633	53.978	ug/l	100
61) 1,2-Dibromoethane	11.24	107	164127	52.981	ug/l	97
64) Tetrachloroethene	10.87	164	222847	53.489	ug/l	97
65) Chlorobenzene	11.67	112	639720	53.061	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	245122	53.719	ug/l	99
67) Ethyl Benzene	11.74	91	1142064	53.935	ug/l	98
68) m/p-Xylenes	11.86	106	889424	110.942	ug/l	98
69) o-Xylene	12.18	106	398499	54.971	ug/l	98
70) Styrene	12.20	104	698304	55.468	ug/l	99
71) Bromoform	12.36	173	132054	57.158	ug/l #	98
73) Isopropylbenzene	12.48	105	1111451	54.497	ug/l	99
74) N-amyl acetate	12.29	43	209717	52.656	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	183309	52.089	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	115922m	49.547	ug/l	
77) Bromobenzene	12.76	156	254729	53.404	ug/l	95
78) n-propylbenzene	12.82	91	1305618	53.213	ug/l	99
79) 2-Chlorotoluene	12.91	91	736192	52.654	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	938865	54.254	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	46942	50.198	ug/l	93
82) 4-Chlorotoluene	13.01	91	762819	51.756	ug/l	99
83) tert-Butylbenzene	13.23	119	779107	54.790	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	936819	54.594	ug/l	100
85) sec-Butylbenzene	13.40	105	1116104	54.582	ug/l	100
86) p-Isopropyltoluene	13.52	119	1028539	55.802	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	492601	52.274	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	481748	51.472	ug/l	99
89) n-Butylbenzene	13.85	91	948391	54.134	ug/l	99
90) Hexachloroethane	14.11	117	194715	52.034	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	423869	52.575	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28705	50.706	ug/l	91

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VSTD05006

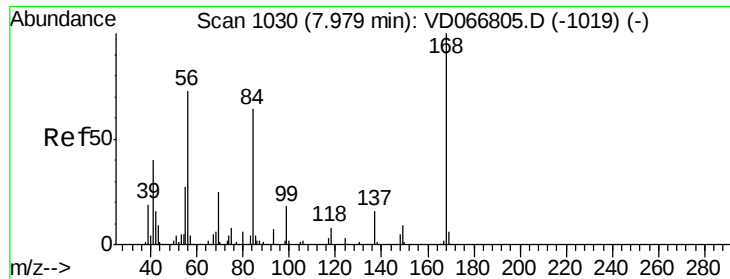
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	291464	57.429	ug/l	96
94) Hexachlorobutadiene	15.27	225	170384	56.023	ug/l	99
95) Naphthalene	15.41	128	512273	59.452	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	246949	56.375	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tot Ion:168 Resp: 425389

Ion Ratio Lower Upper

168 100

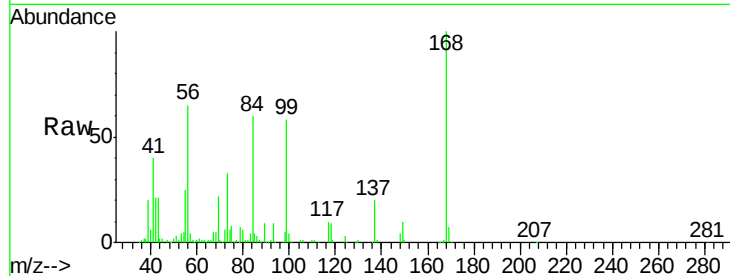
99 57.1 46.6 69.8

Manual Integrations

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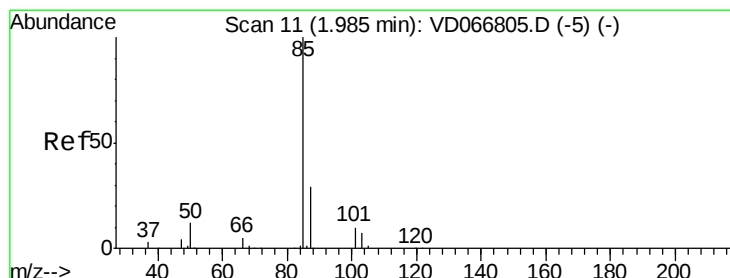
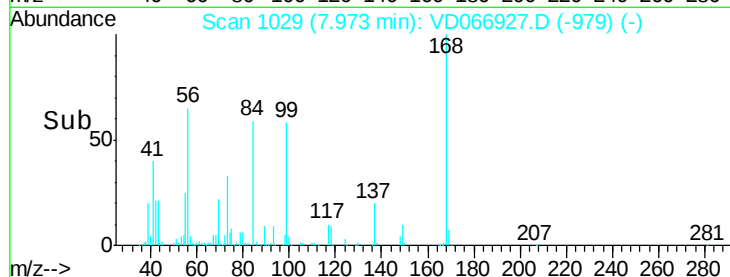
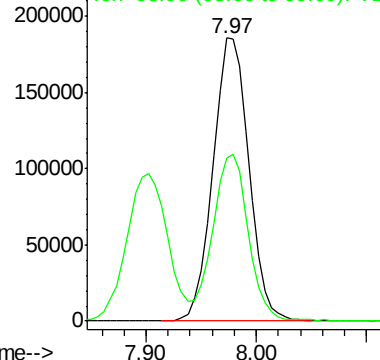
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 48.289 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066927.D

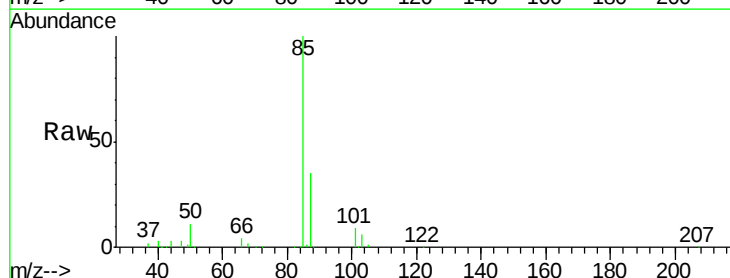
Acq: 29 Sep 2020 09:23

Tgt Ion: 85 Resp: 143826

Ion Ratio Lower Upper

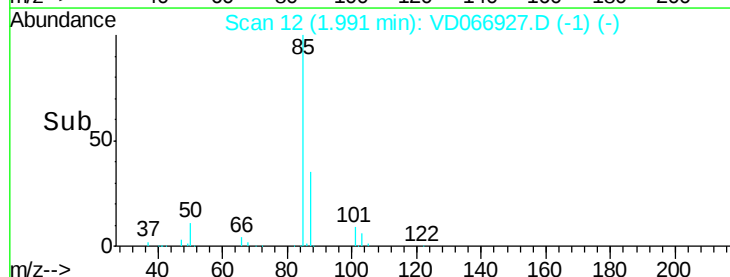
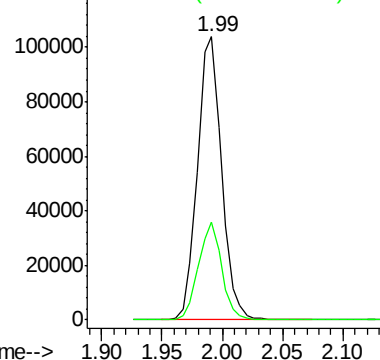
85 100

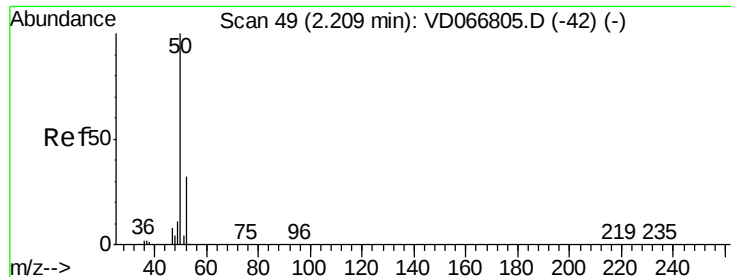
87 34.6 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.578 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tot Ion: 50 Resp: 154687

Ion Ratio Lower Upper

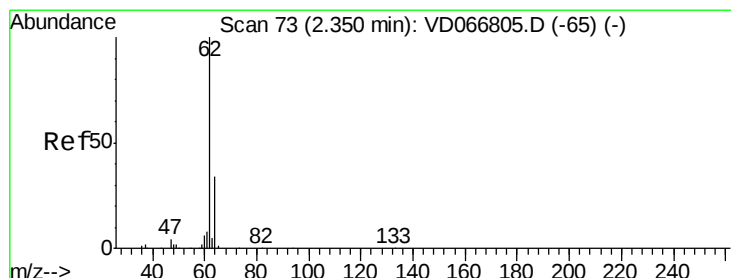
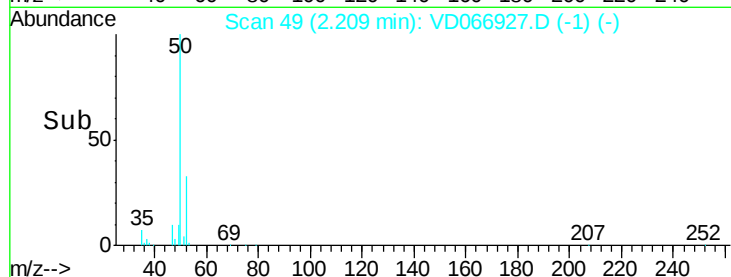
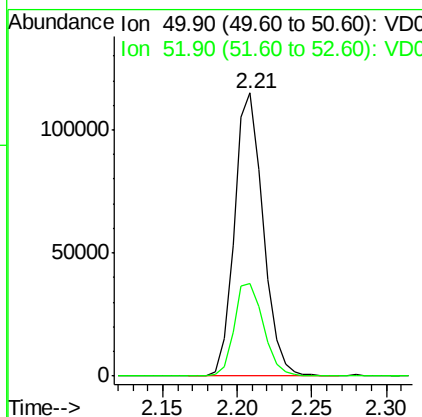
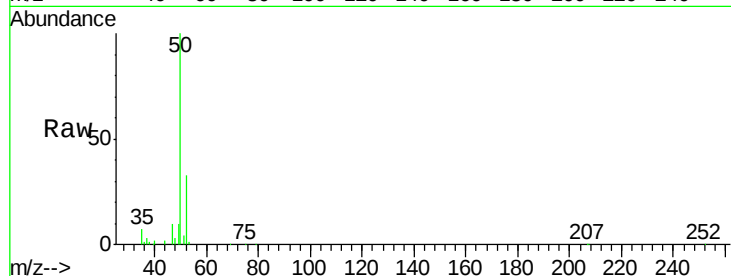
50 100

52 32.8 25.5 38.3

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#4

Vinyl Chloride

Concen: 40.838 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066927.D

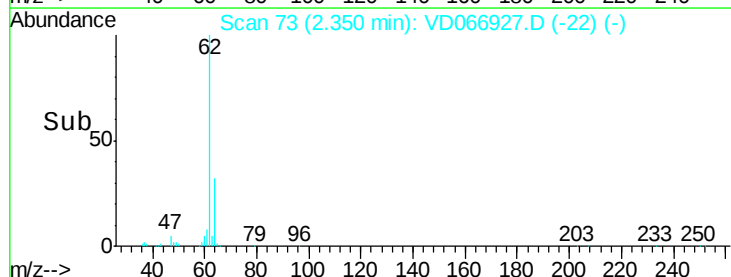
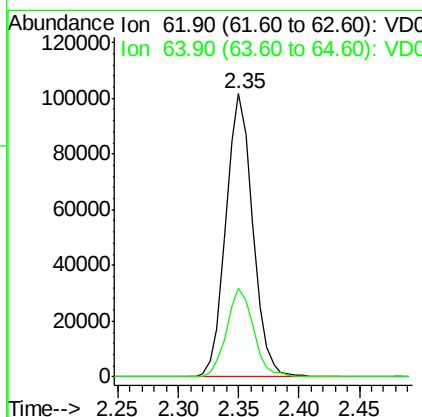
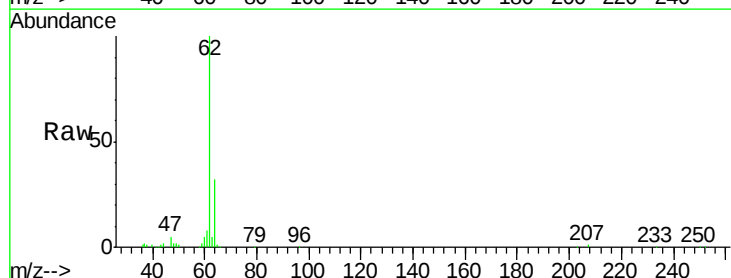
Acq: 29 Sep 2020 09:23

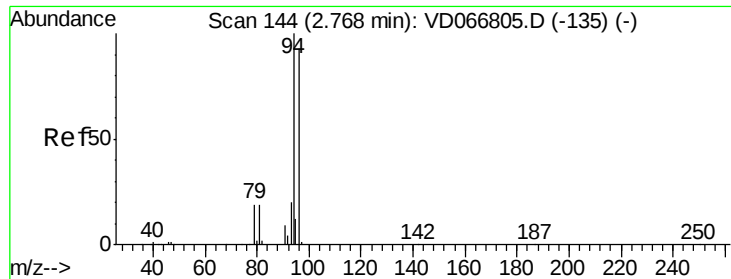
Tgt Ion: 62 Resp: 157686

Ion Ratio Lower Upper

62 100

64 31.6 27.0 40.4





#5

Bromomethane

Concen: 40.987 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tot Ion: 94 Resp: 111240

Ion Ratio Lower Upper

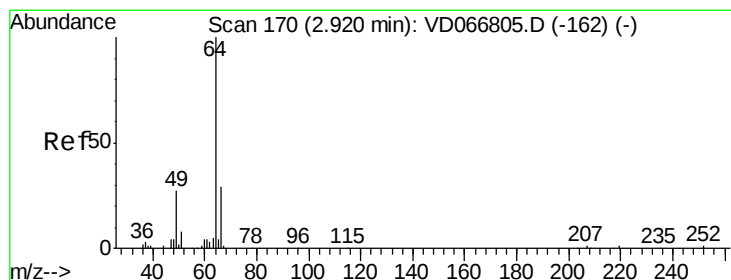
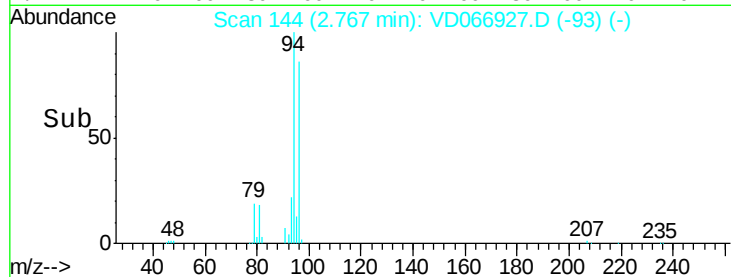
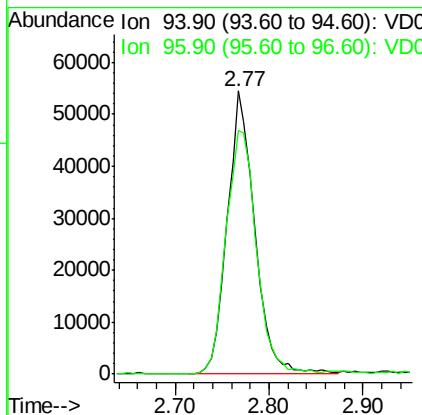
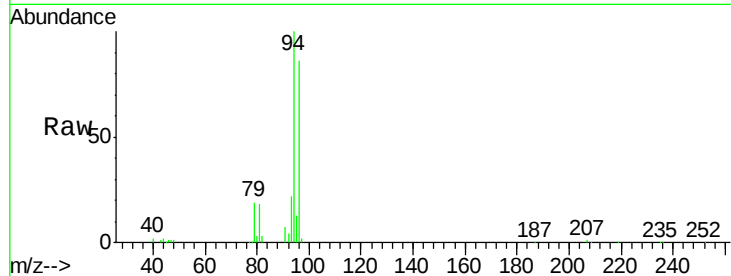
94 100

96 86.2 74.3 111.5

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#6

Chloroethane

Concen: 41.076 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066927.D

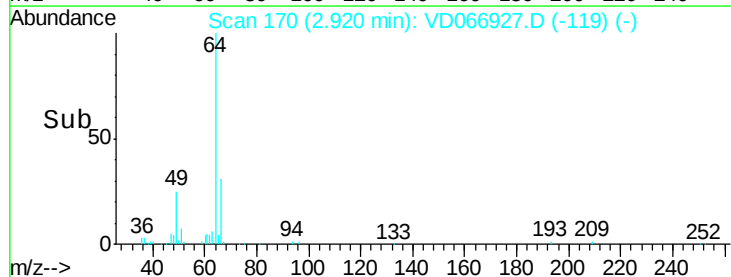
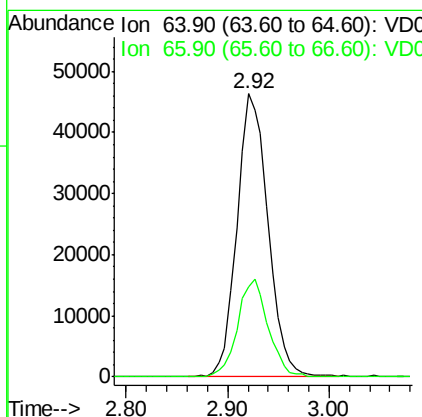
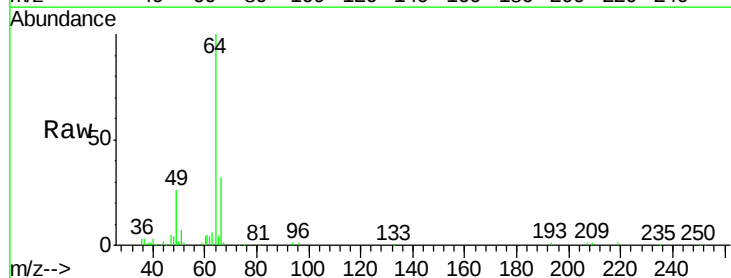
Acq: 29 Sep 2020 09:23

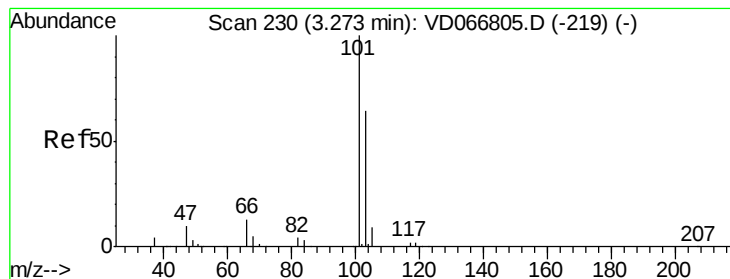
Tgt Ion: 64 Resp: 98494

Ion Ratio Lower Upper

64 100

66 32.0 23.3 34.9





#7

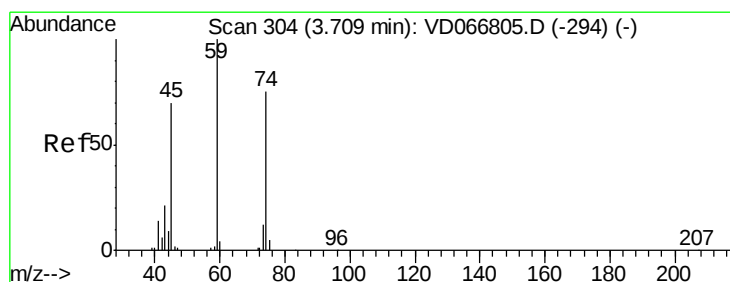
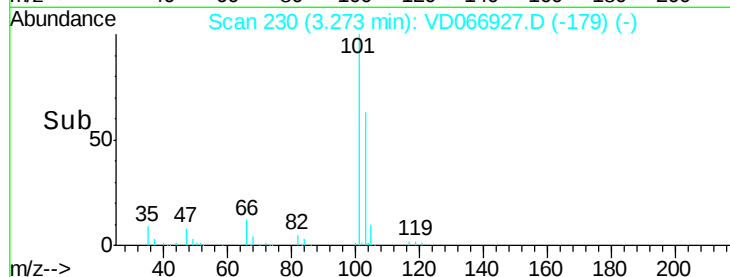
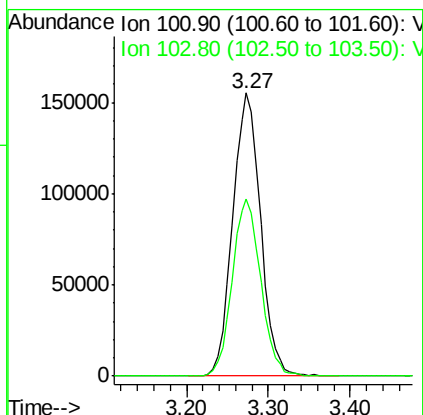
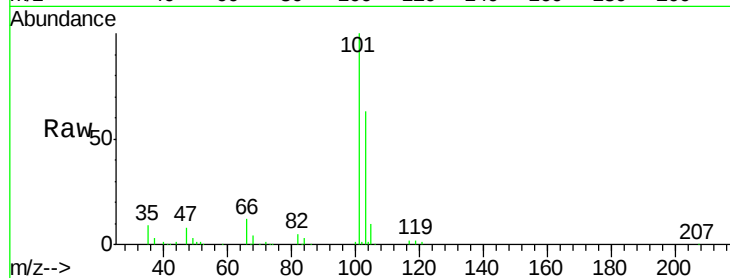
Trichlorofluoromethane
 Concen: 46.427 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066927.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	368168		
103	62.5	51.0	76.6	

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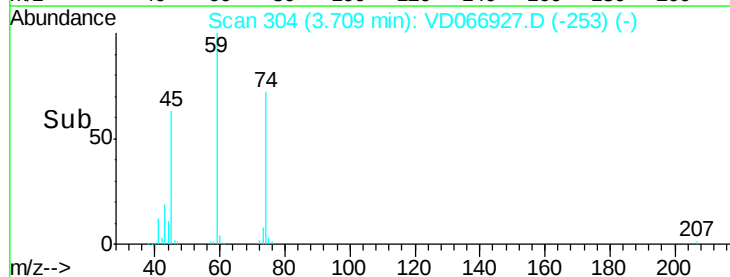
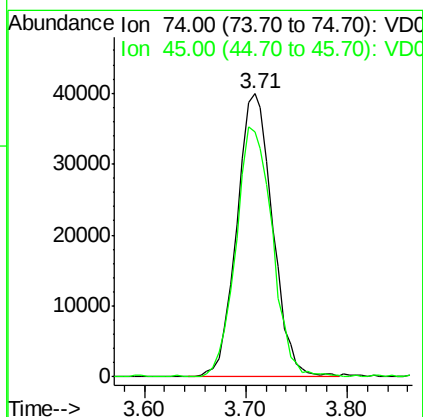
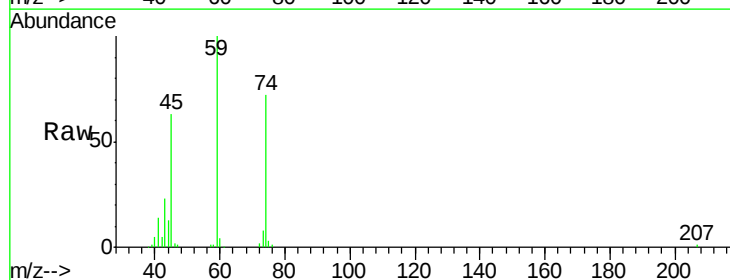
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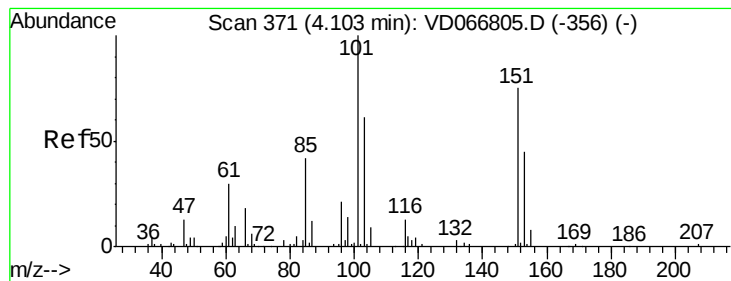


#8

Diethyl Ether
 Concen: 48.561 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	97764		
45	89.6	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.967 ug/l

RT: 4.10 min Scan# 371

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

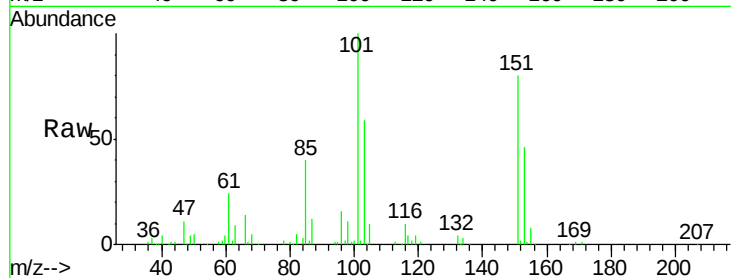
ClientSampleId :

VSTD05006

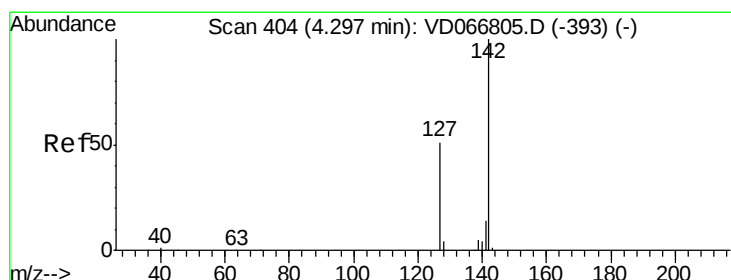
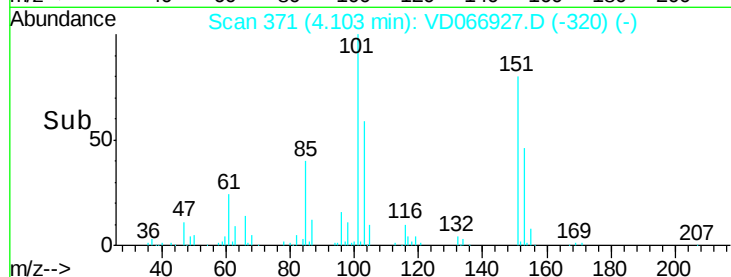
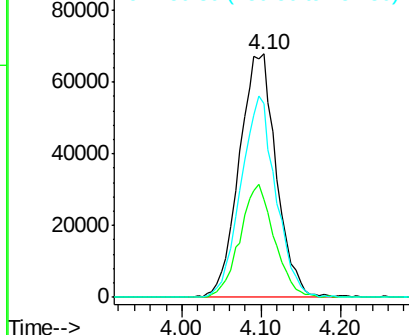
Tot Ion:	101	Resp:	220568
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.4	53.2
151	78.1	61.4	92.0

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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: 50.227 ug/l

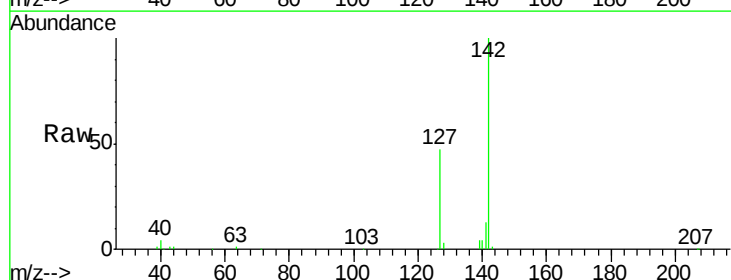
RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

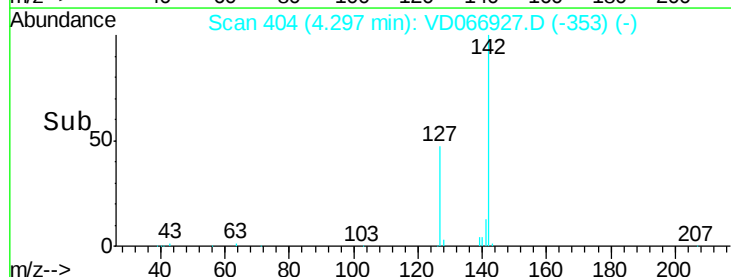
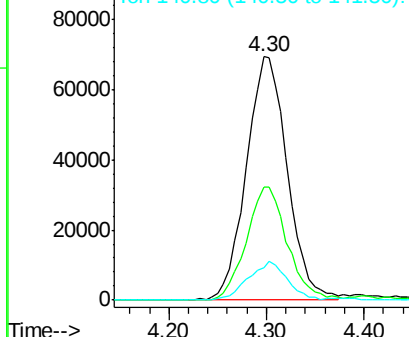
Lab File: VD066927.D

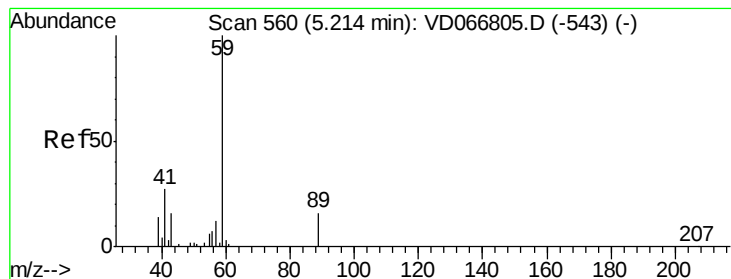
Acq: 29 Sep 2020 09:23

Tgt Ion:	142	Resp:	203806
Ion Ratio	Lower	Upper	
142	100		
127	46.4	39.4	59.0
141	15.1	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

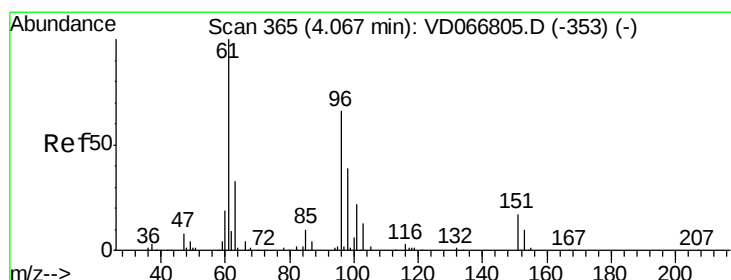
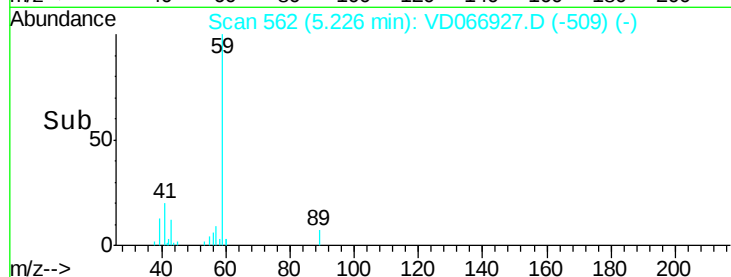
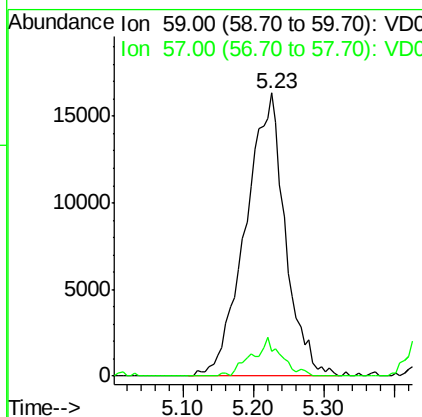
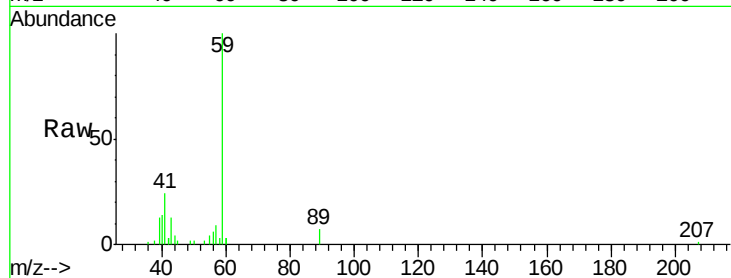
Tert butyl alcohol
 Concen: 256.080 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tot Ion	59	Resp	64118
Ion Ratio	100	Lower	Upper
57	9.6	8.3	12.5

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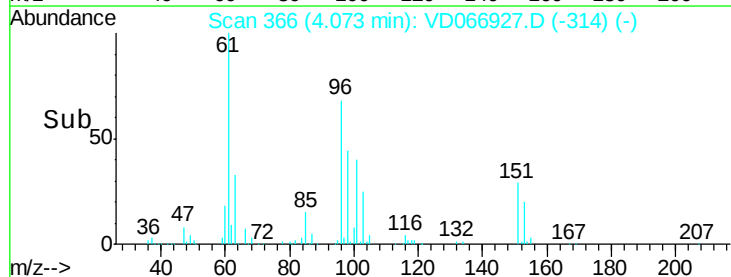
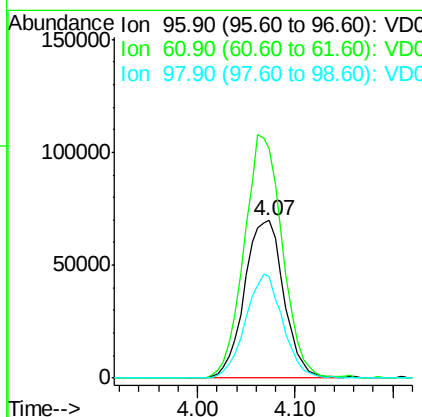
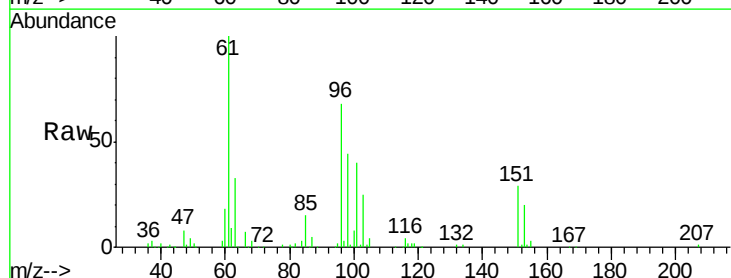
MMDadoda
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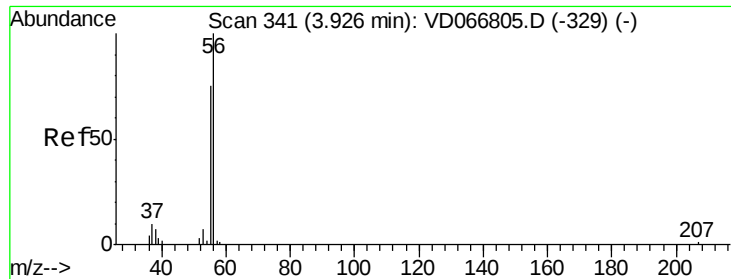


#12

1,1-Dichloroethene
 Concen: 47.165 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion	96	Resp	196467
Ion Ratio	100	Lower	Upper
61	146.2	120.8	181.2
98	64.8	47.7	71.5





#13

Acrolein

Concen: 260.029 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tot Ion: 56 Resp: 79866

Ion Ratio Lower Upper

56 100

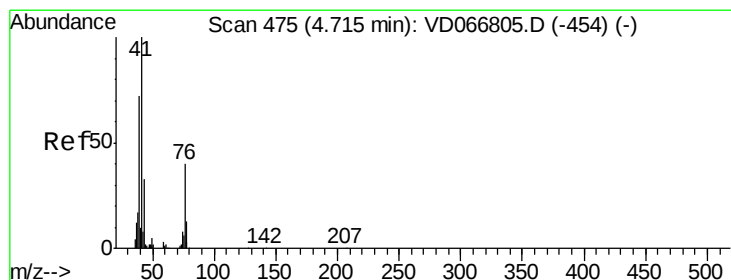
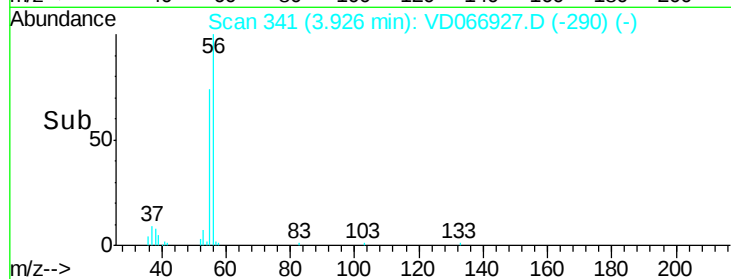
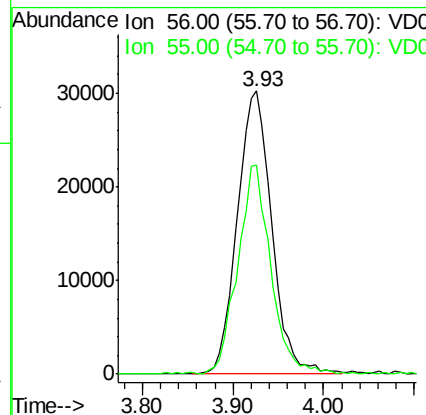
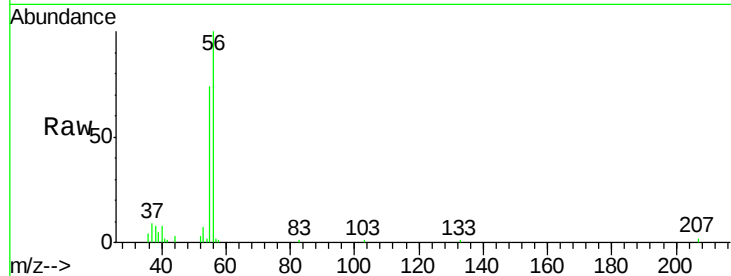
55 71.2 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 45.805 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

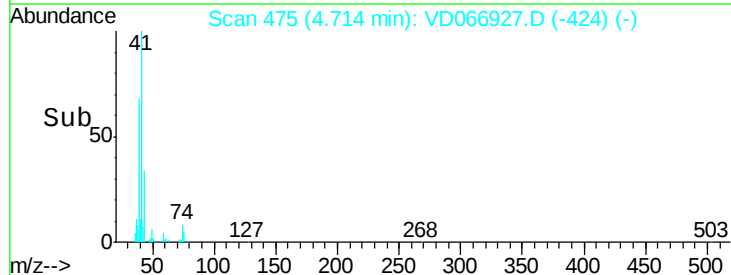
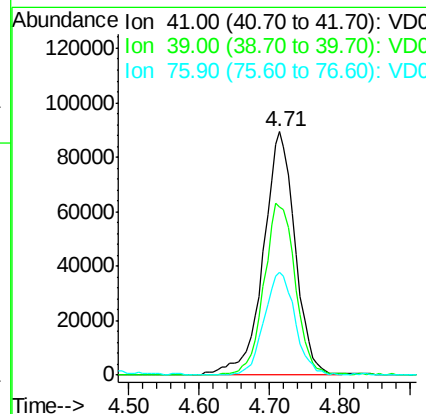
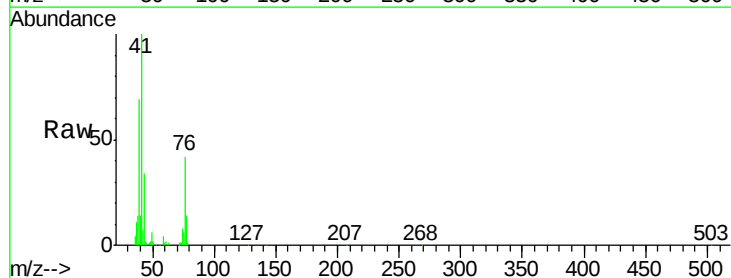
Tgt Ion: 41 Resp: 280172

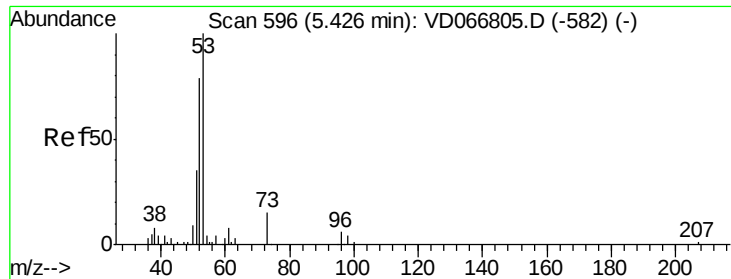
Ion Ratio Lower Upper

41 100

39 70.2 57.8 86.8

76 41.3 30.9 46.3





#15

Acrylonitrile

Concen: 241.666 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

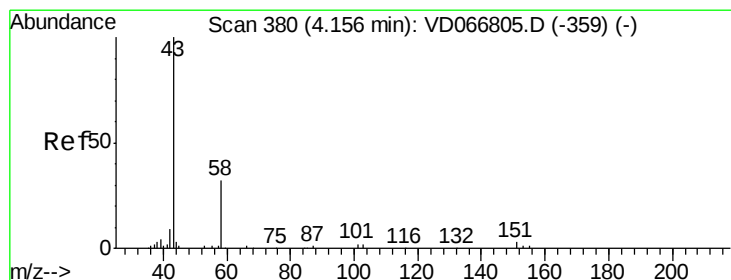
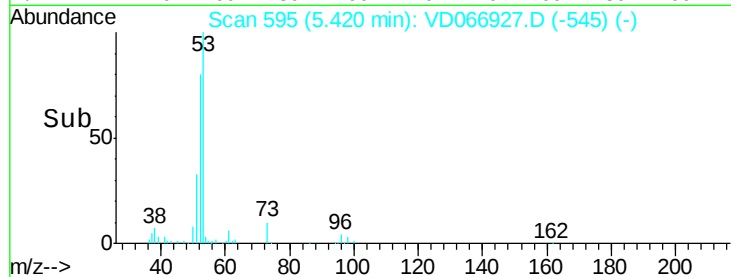
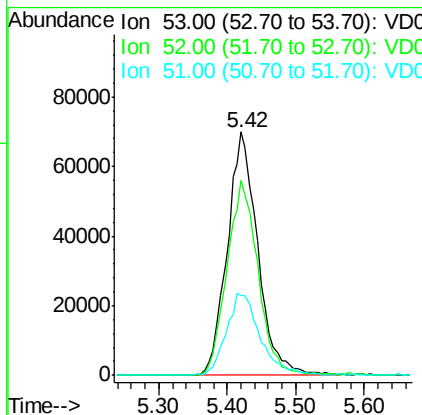
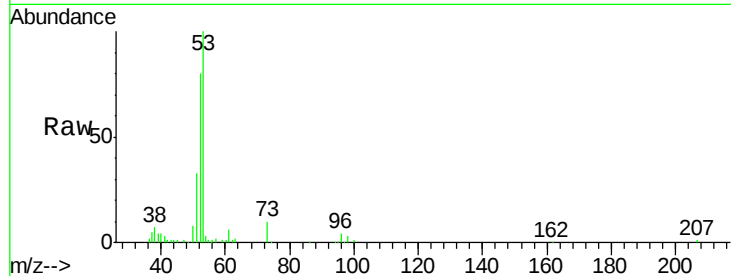
ClientSampleId :

VSTD05006

Tot Ion:	53	Resp:	215609
Ion Ratio	Lower	Upper	
53	100		
52	80.8	65.2	97.8
51	37.2	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 195.279 ug/l

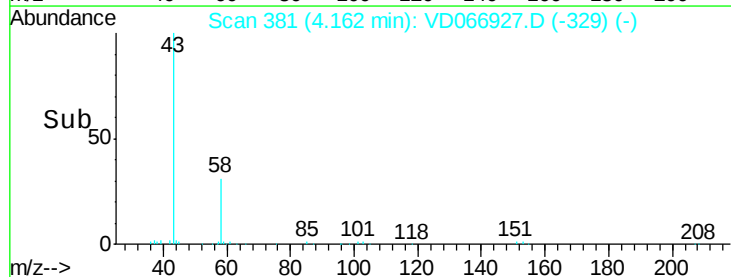
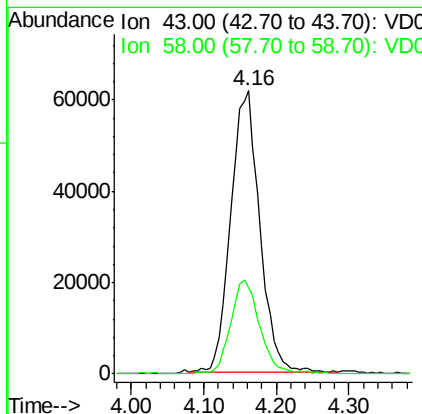
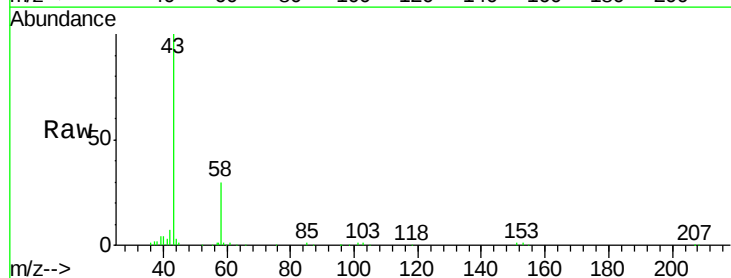
RT: 4.16 min Scan# 381

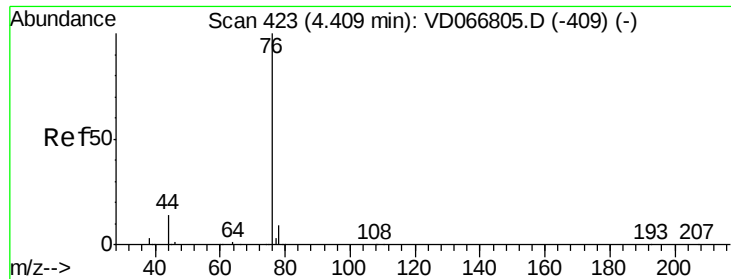
Delta R.T. 0.01 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Tgt Ion:	43	Resp:	172476
Ion Ratio	Lower	Upper	
43	100		
58	30.5	25.6	38.4





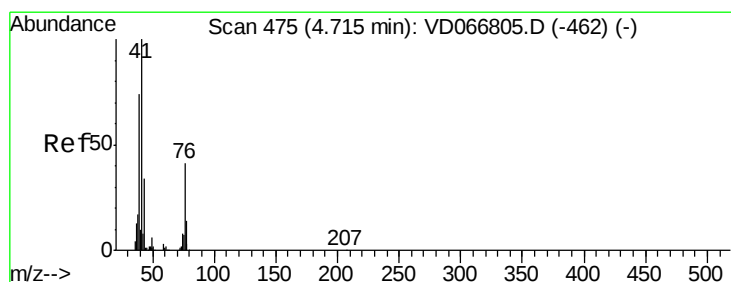
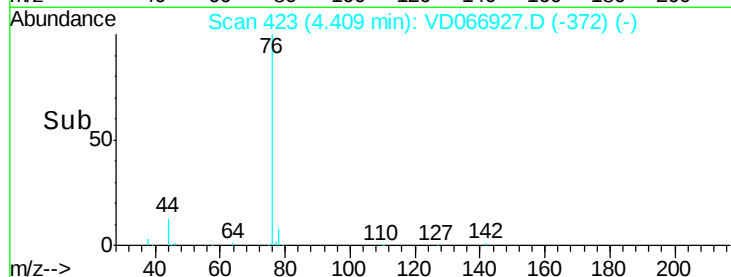
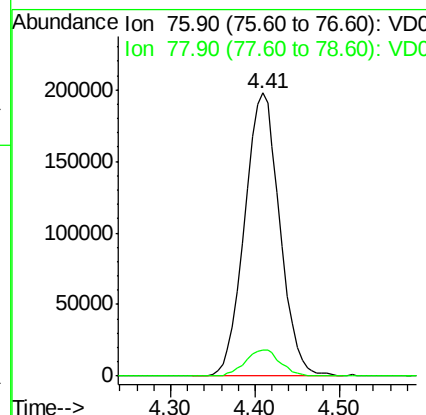
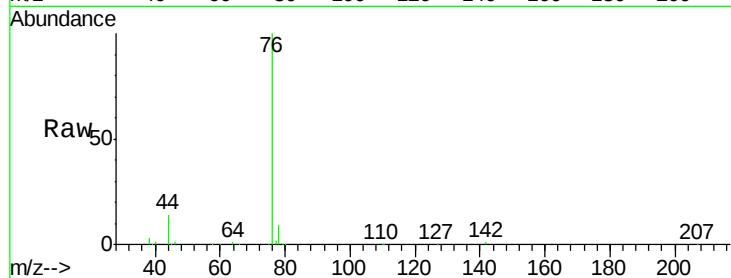
#17
Carbon Disulfide
Concen: 44.828 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion: 76 Resp: 570887
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

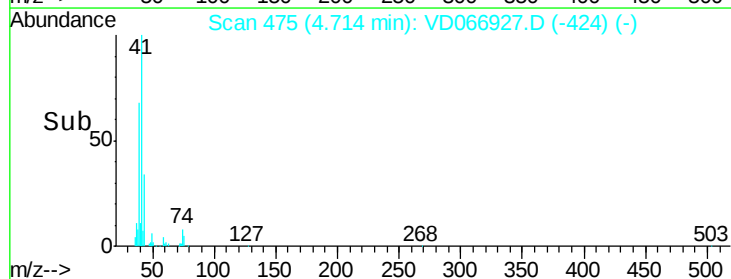
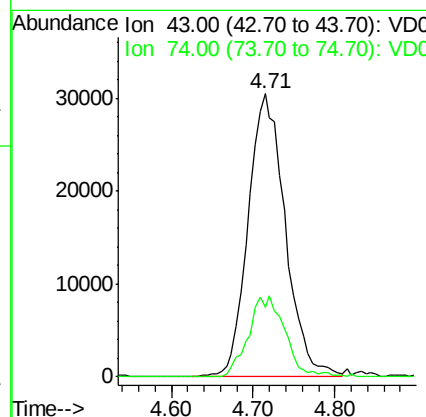
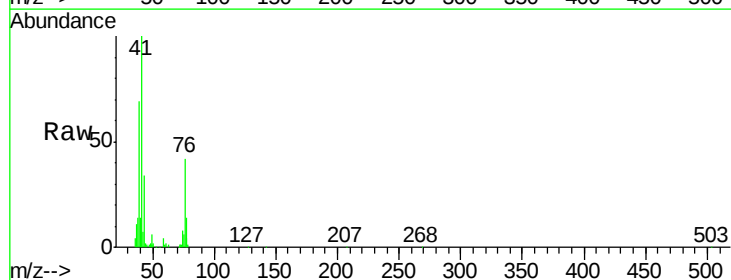
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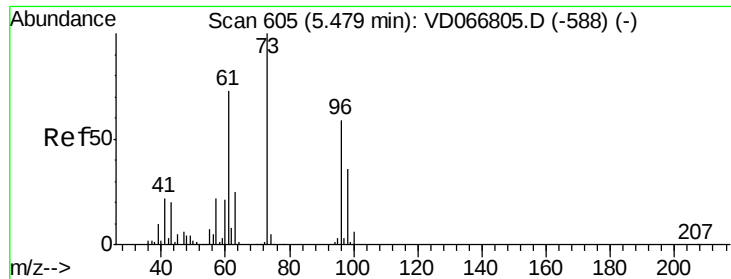
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#18
Methyl Acetate
Concen: 48.779 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion: 43 Resp: 96303
Ion Ratio Lower Upper
43 100
74 28.0 20.3 30.5





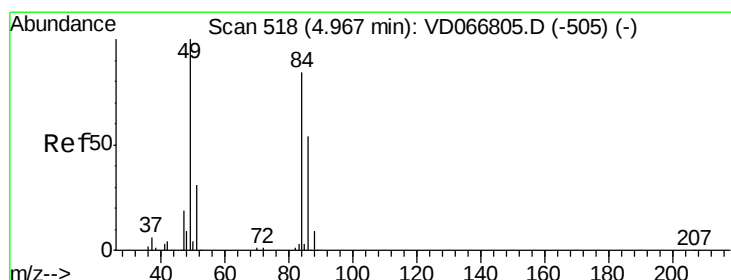
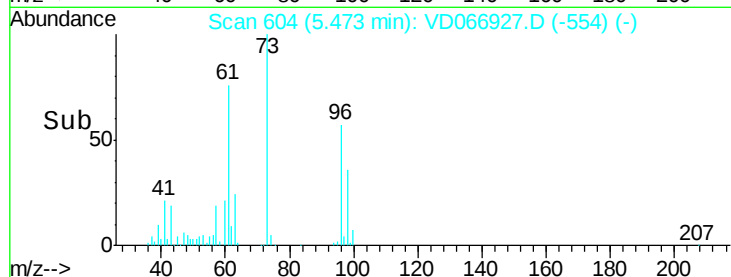
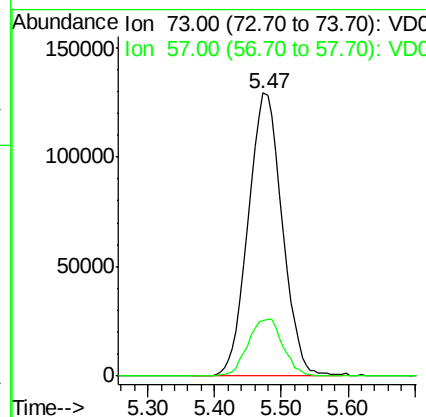
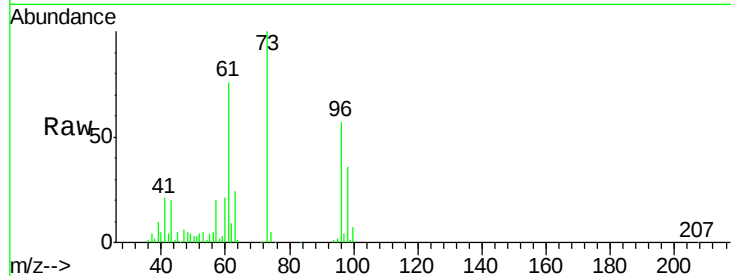
#19
Methyl tert-butyl Ether
Concen: 50.145 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleID :
VSTD05006

Tot Ion: 73 Resp: 453616
Ion Ratio Lower Upper
73 100
57 19.8 17.4 26.2

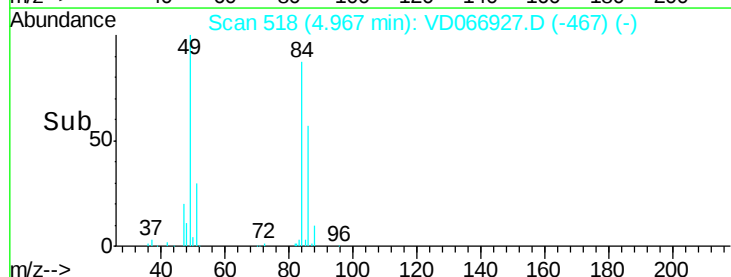
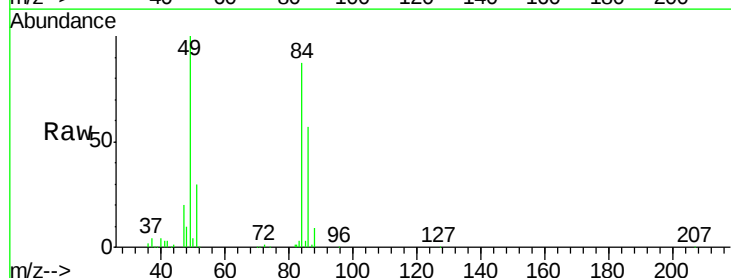
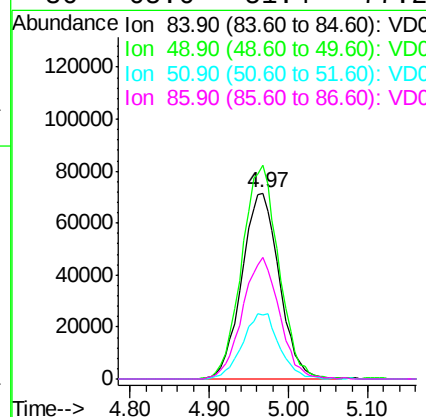
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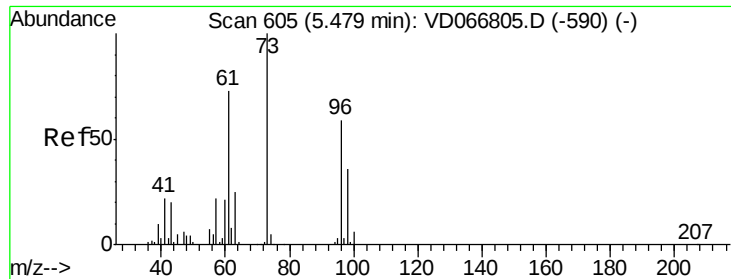
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#20
Methylene Chloride
Concen: 49.209 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion: 84 Resp: 235006
Ion Ratio Lower Upper
84 100
49 115.0 95.4 143.2
51 34.7 29.7 44.5
86 65.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.830 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

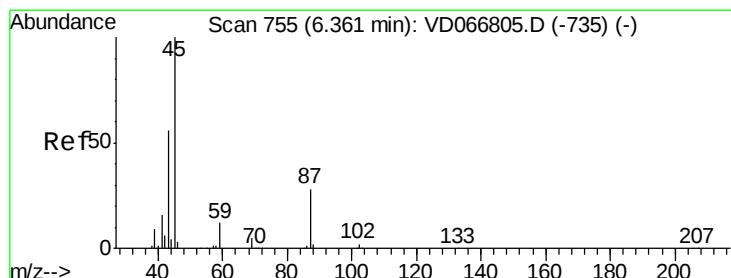
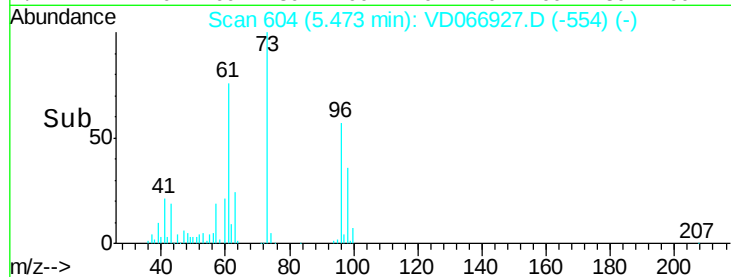
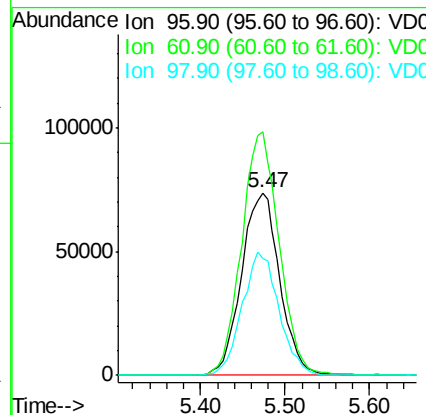
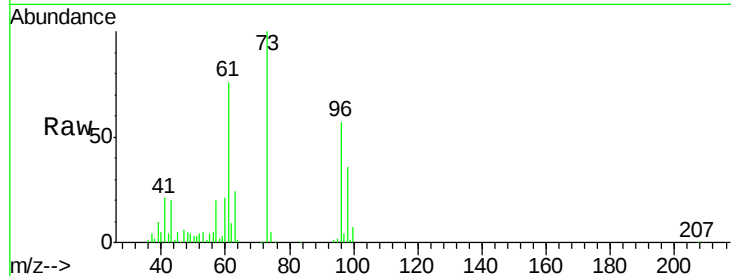
ClientSampleId :

VSTD05006

Tot Ion:	96	Resp:	230695
Ion	Ratio	Lower	Upper
96	100		
61	133.5	98.9	148.3
98	63.9	48.4	72.6

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#22

Diisopropyl ether

Concen: 47.827 ug/l

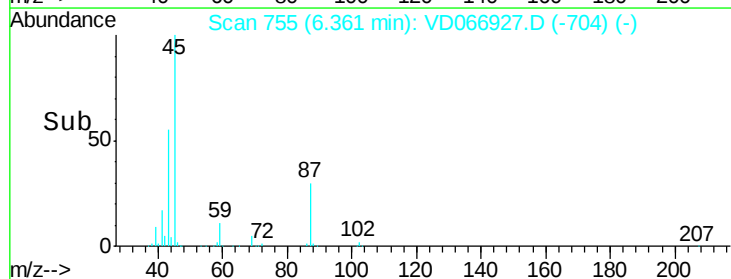
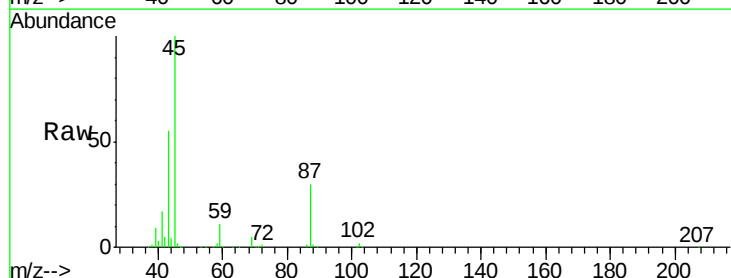
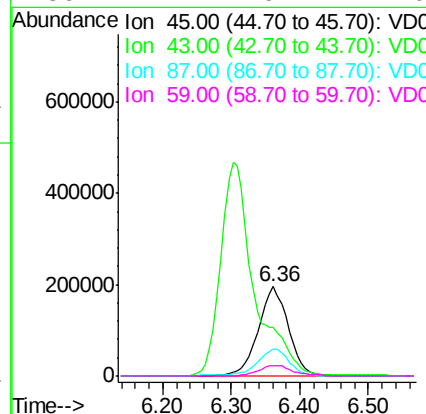
RT: 6.36 min Scan# 755

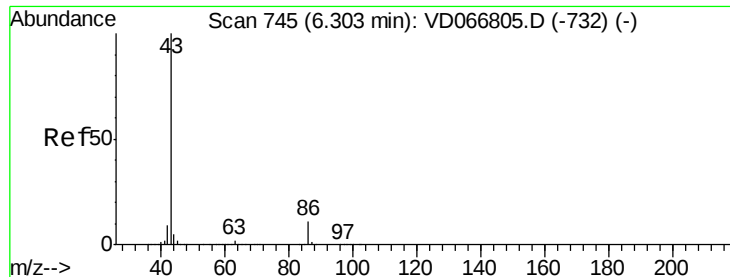
Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Tgt Ion:	45	Resp:	601499
Ion	Ratio	Lower	Upper
45	100		
43	54.0	44.5	66.7
87	29.6	22.9	34.3
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 233.054 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Tot Ion: 43 Resp: 1590076

Ion Ratio Lower Upper

43 100

86 11.9 8.9 13.3

Instrument :

MSVOA_D

ClientSampleId :

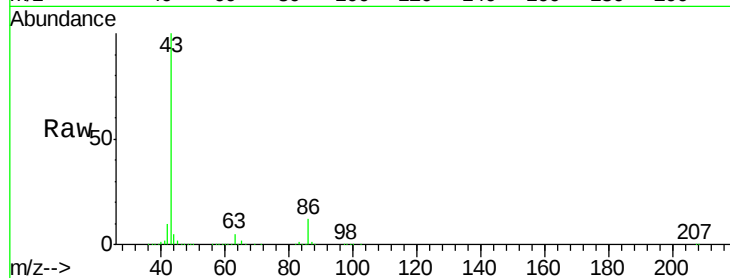
VSTD05006

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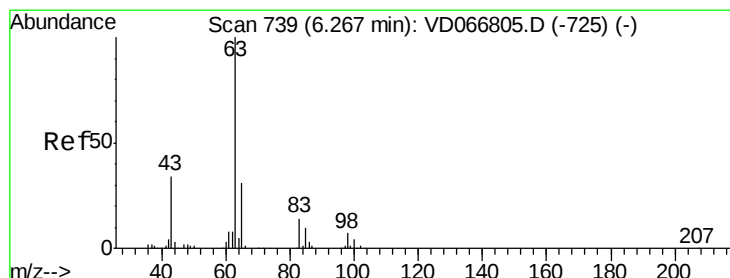
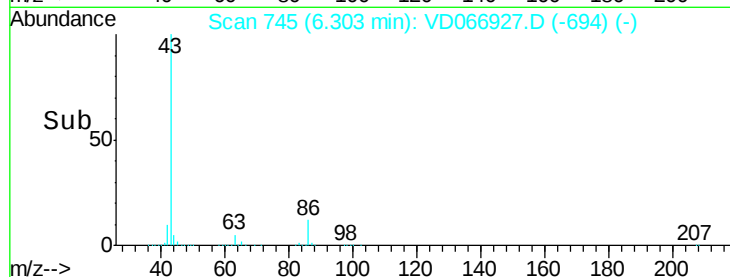
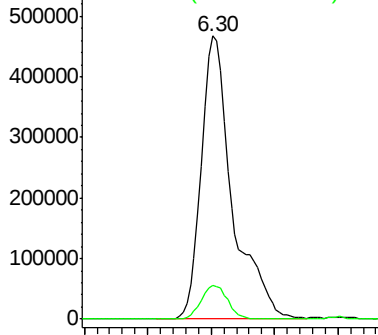
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 47.000 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

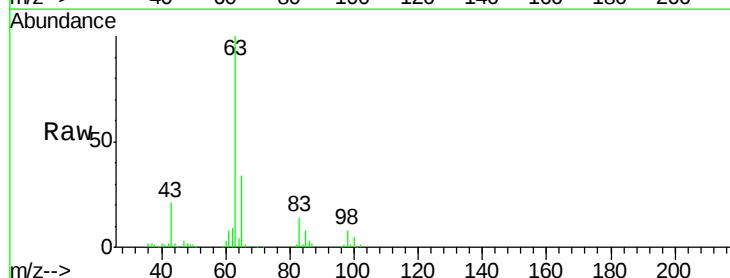
Tgt Ion: 63 Resp: 395436

Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

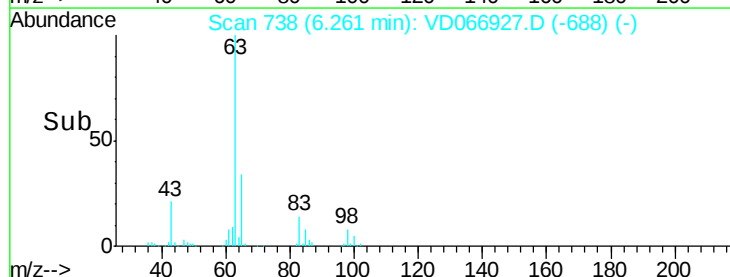
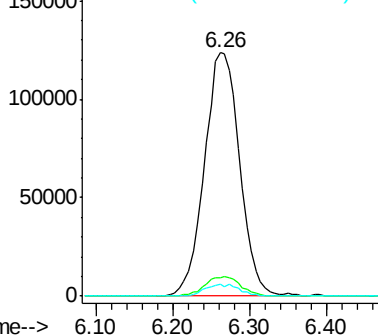
100 4.9 1.8 5.5

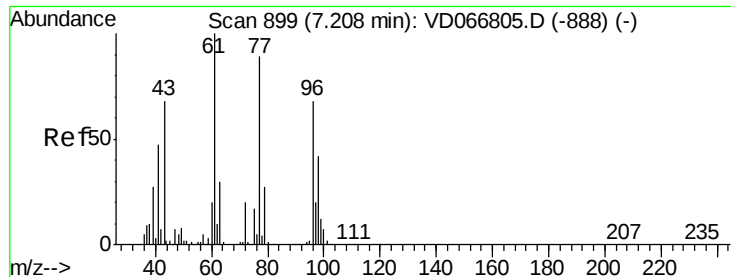


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 223.971 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

ClientSampled :

VSTD05006

Tot Ion: 43 Resp: 237724

Ion Ratio Lower Upper

43 100

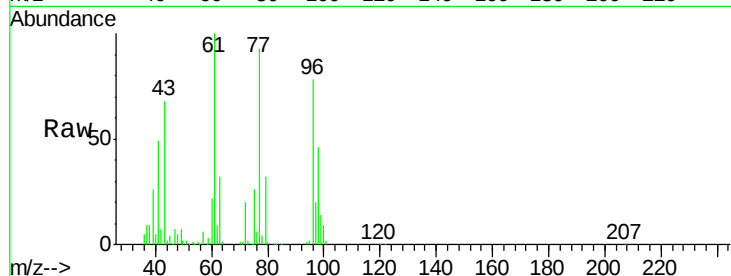
72 30.1 22.9 34.3

Manual Integrations

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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

80000

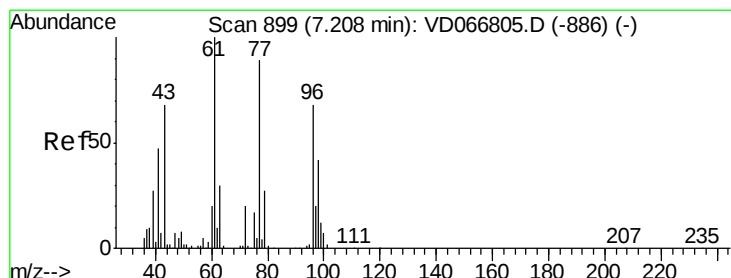
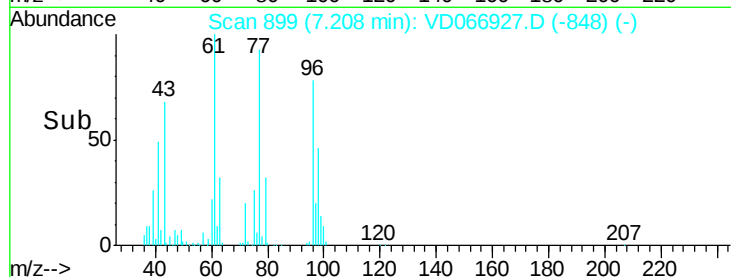
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.432 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066927.D

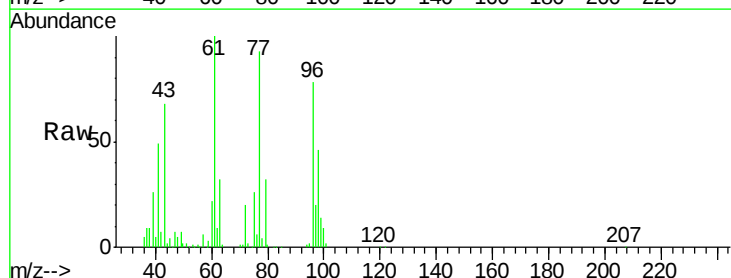
Acq: 29 Sep 2020 09:23

Tgt Ion: 77 Resp: 365768

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

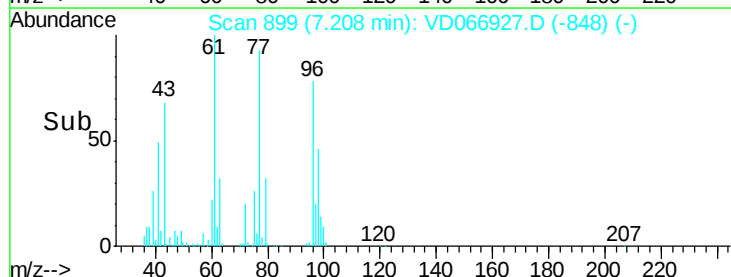
7.21

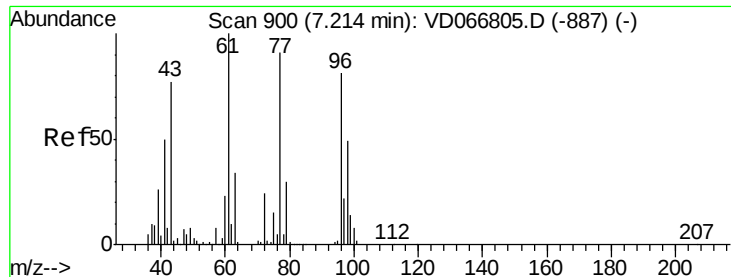
100000

50000

0

Time-->





#27

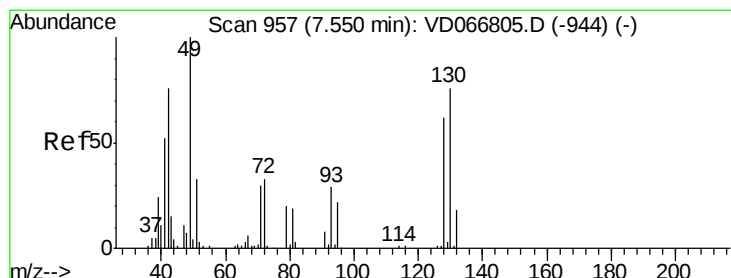
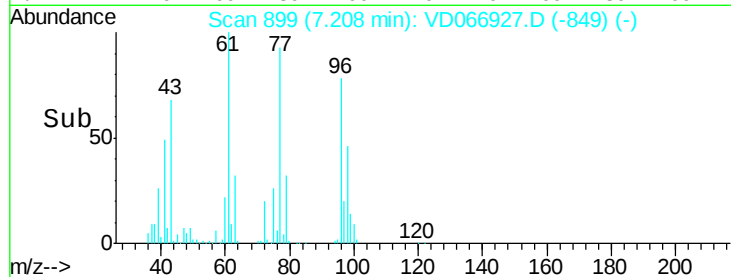
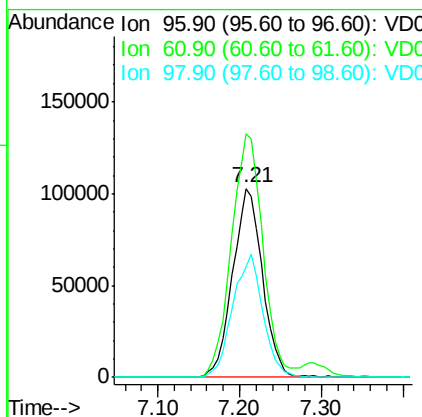
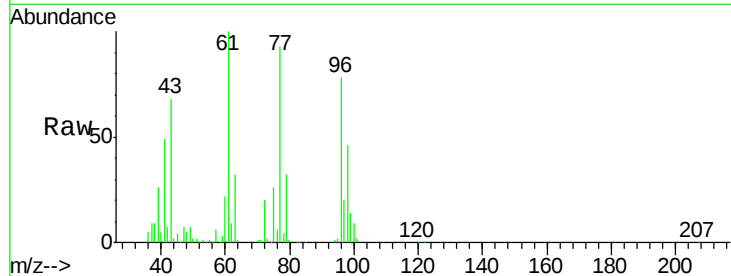
cis-1,2-Dichloroethene
 Concen: 49.788 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tot Ion	Ratio	Resp	Lower	Upper
96	100	260915		
61	135.3		0.0	283.8
98	66.0		0.0	128.4

Manual Integrations
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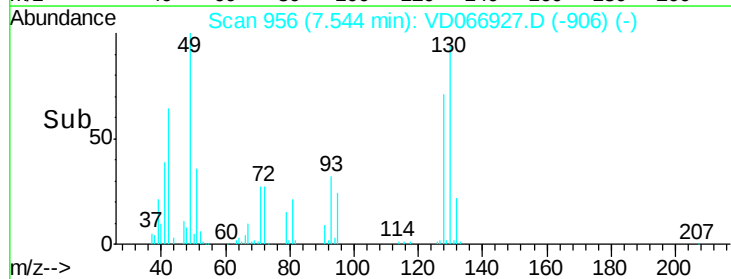
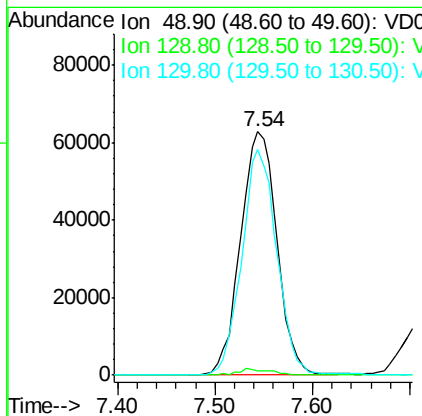
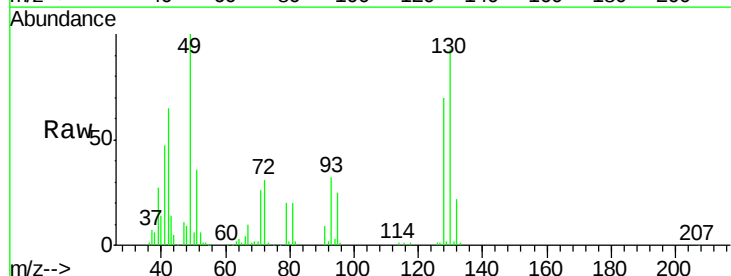
MMDadoda
 9/30/2020 1:21:51 PM

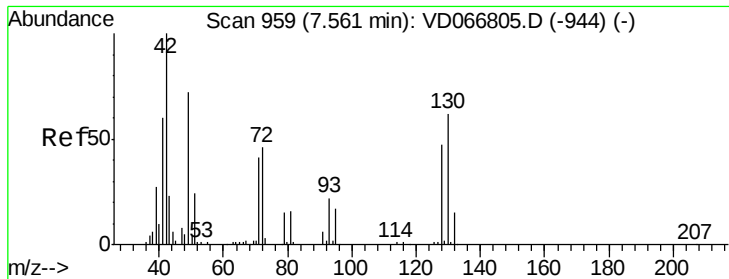


#28

Bromochloromethane
 Concen: 47.346 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	164565		
129	2.3		0.0	2.0#
130	89.3		65.9	98.9





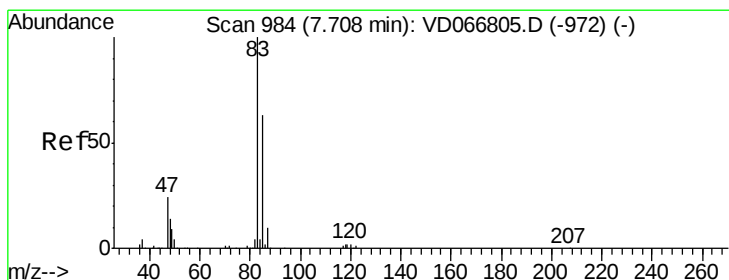
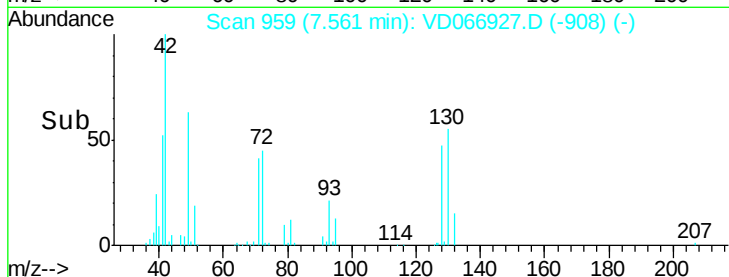
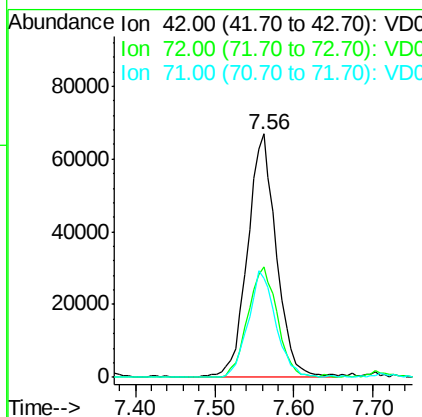
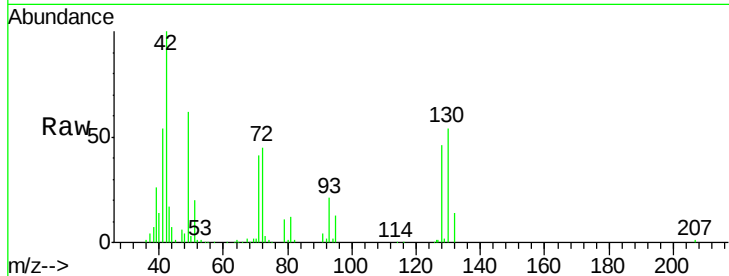
#29
Tetrahydrofuran
Concen: 249.369 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	36.2	54.4
71	41.9	32.4	48.6

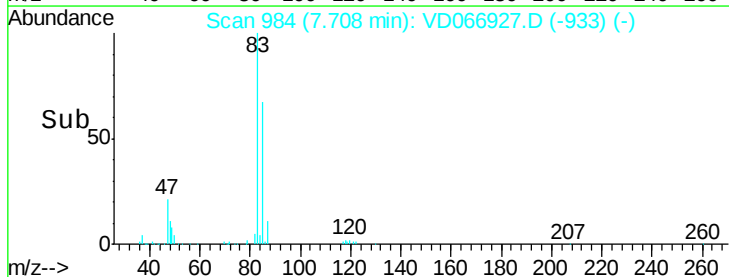
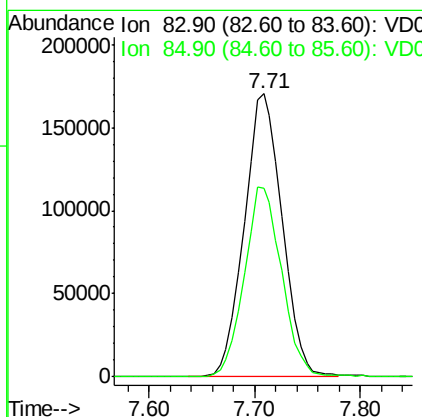
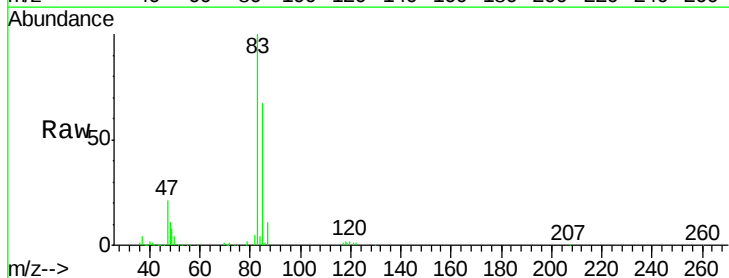
Manual Integrations
APPROVED

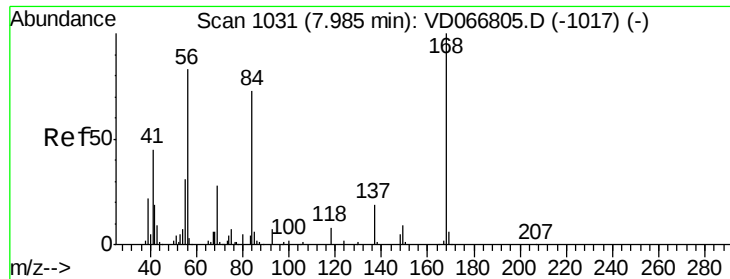
MMDadoda
9/30/2020 1:21:51 PM



#30
Chloroform
Concen: 46.830 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.6	75.8





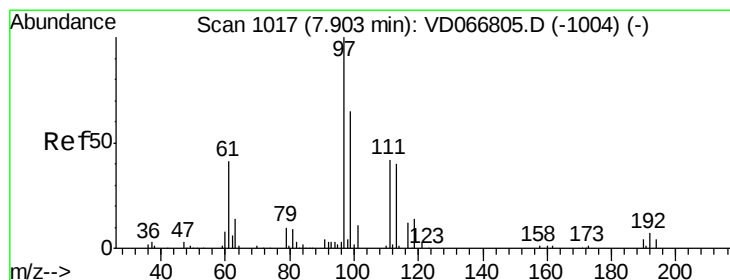
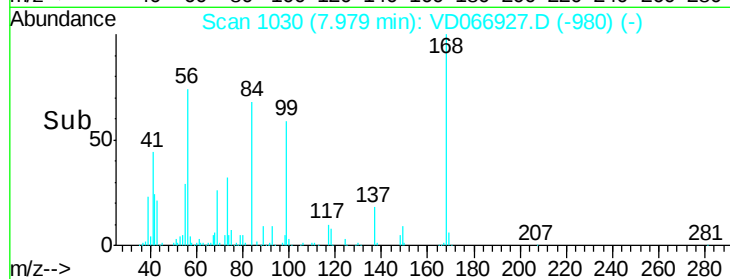
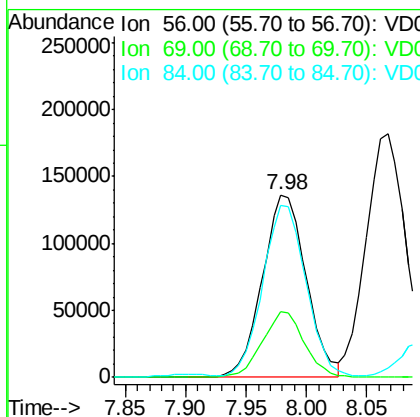
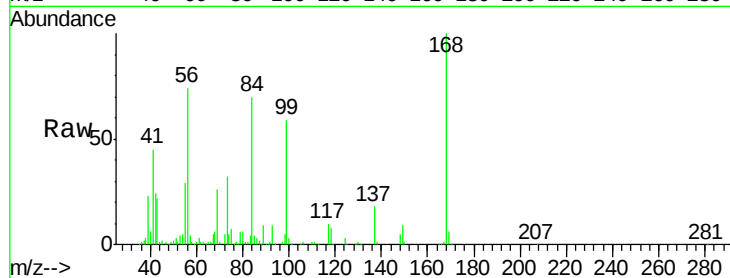
#31
Cyclohexane
Concen: 45.214 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	27.0	40.4
84	92.7	70.2	105.4

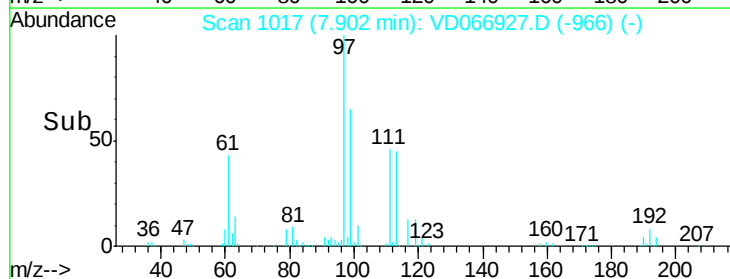
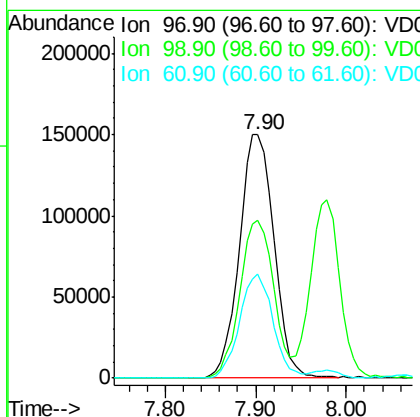
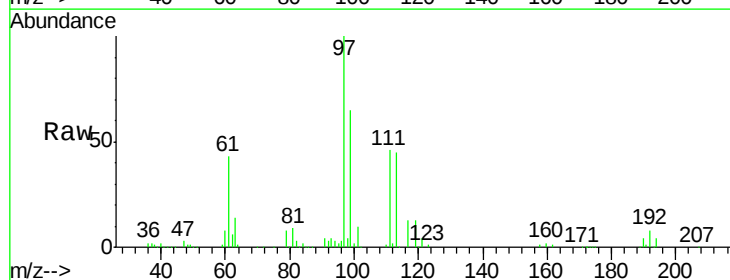
Manual Integrations
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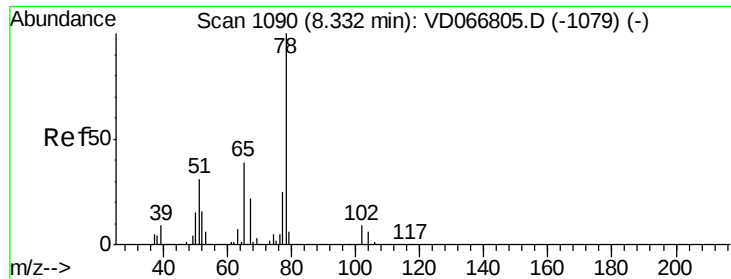
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 48.503 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.5	77.3
61	41.3	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 43.380 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tot Ion: 65 Resp: 180613

Ion Ratio Lower Upper

65 100

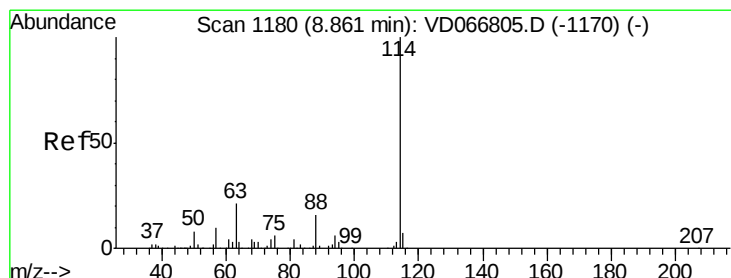
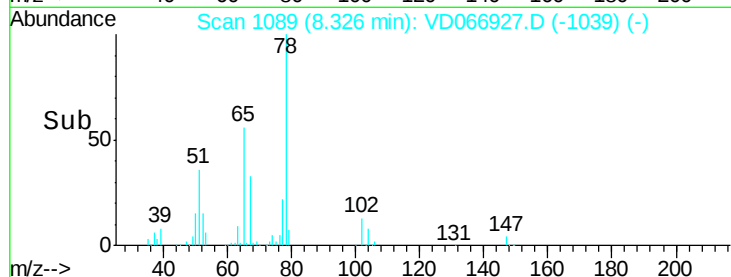
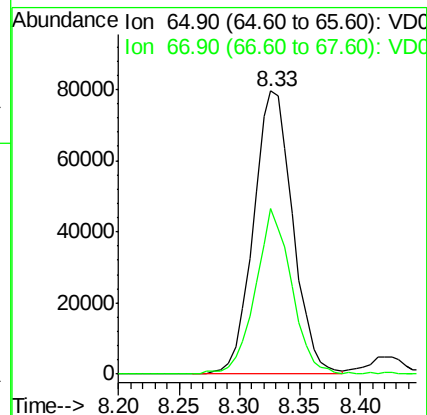
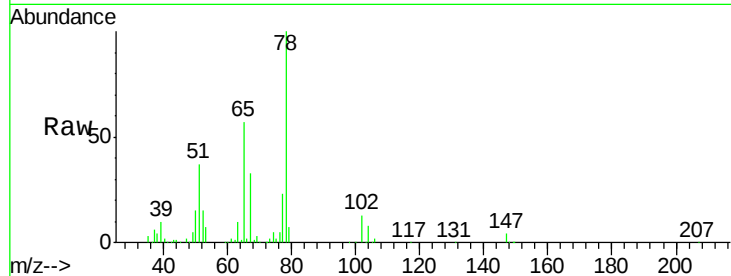
67 54.0 0.0 107.2

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: VD066927.D

Acq: 29 Sep 2020 09:23

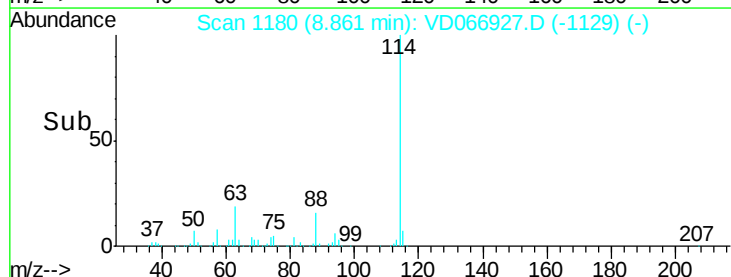
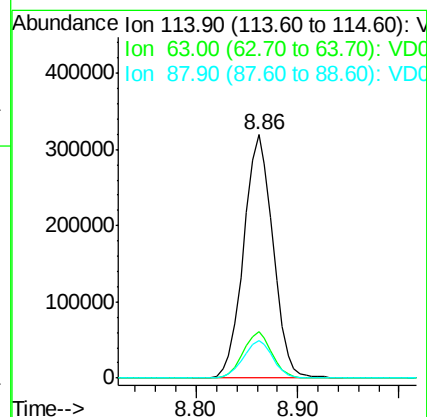
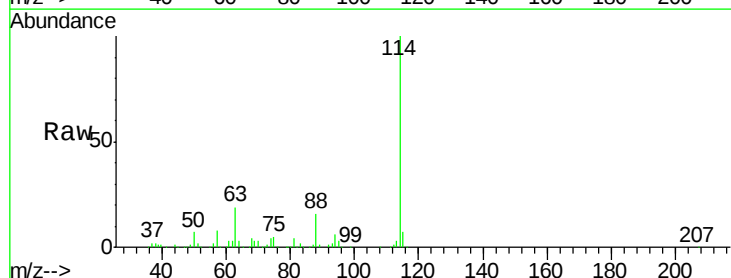
Tgt Ion: 114 Resp: 640987

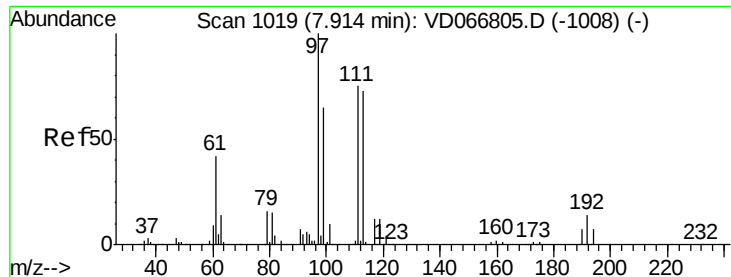
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 15.6 0.0 32.6





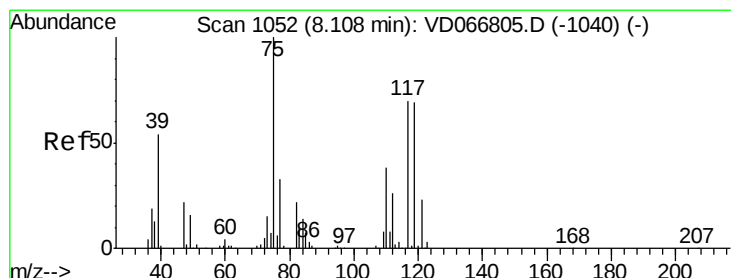
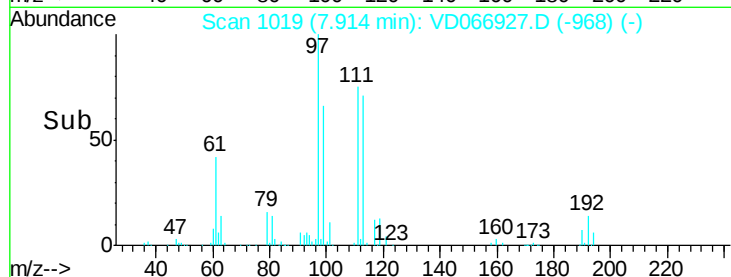
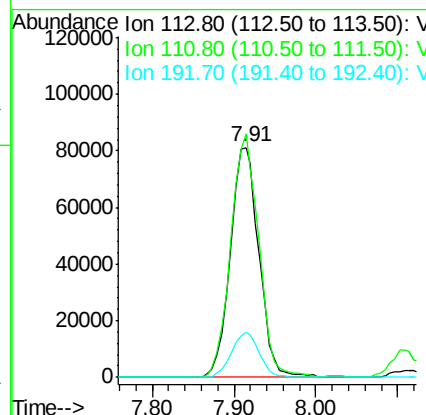
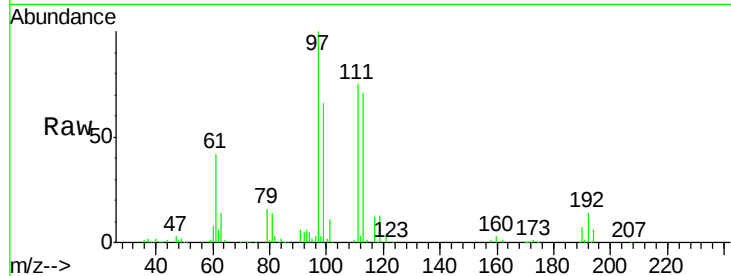
#35
Dibromofluoromethane
Concen: 48.438 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Resp	Lower	Upper
113	100	197527		
111	103.9	81.8	122.8	
192	18.8	14.4	21.6	

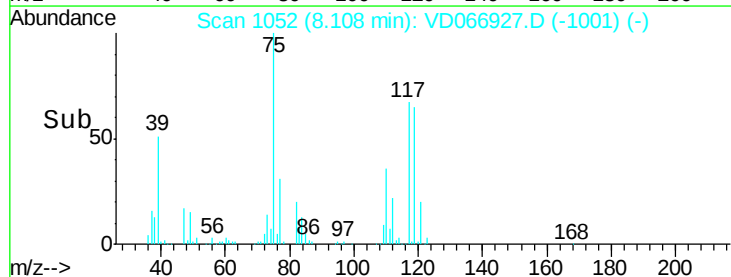
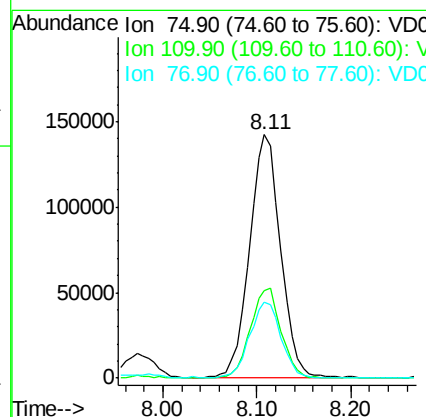
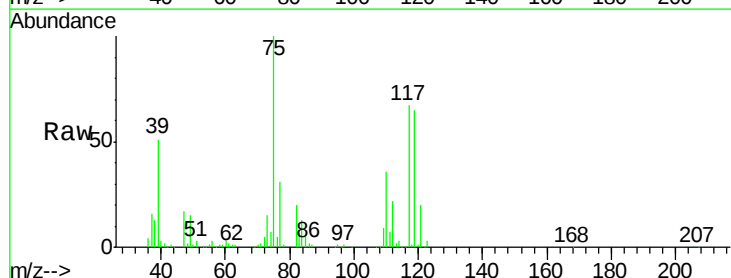
Manual Integrations
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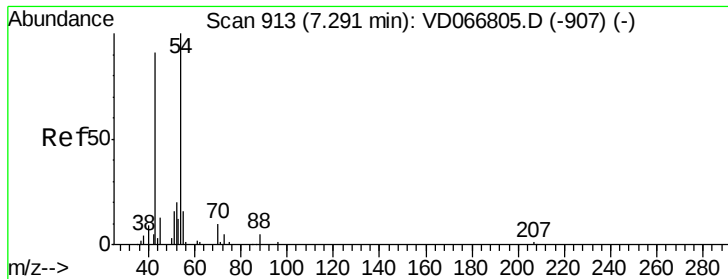
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#36
1,1-Dichloropropene
Concen: 50.824 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	323193		
110	36.7	17.9	53.8	
77	31.9	25.0	37.6	





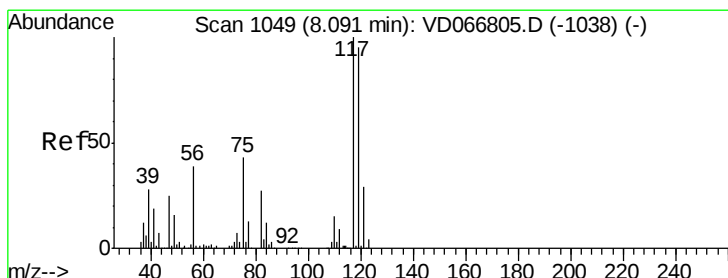
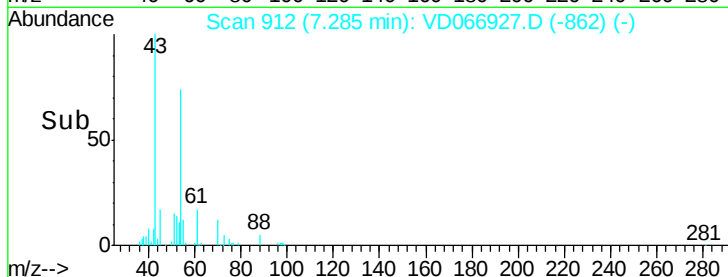
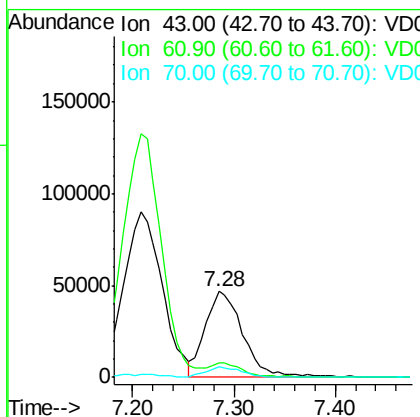
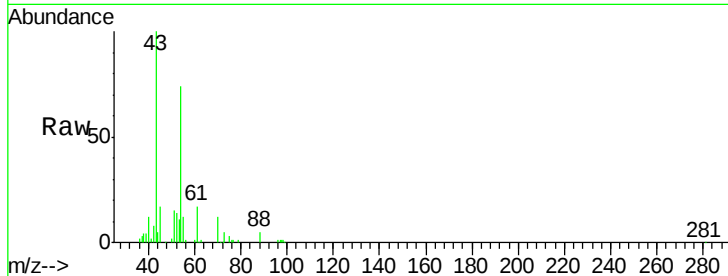
#37
Ethyl Acetate
Concen: 51.936 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	9.8	14.8#
70	11.6	8.5	12.7

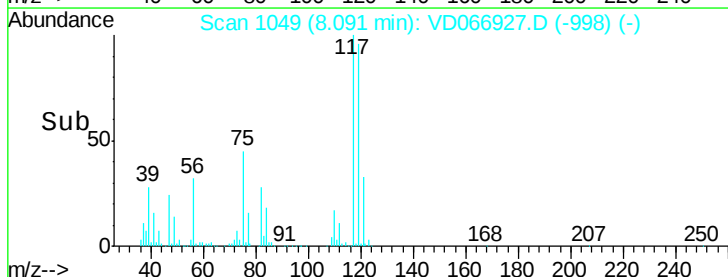
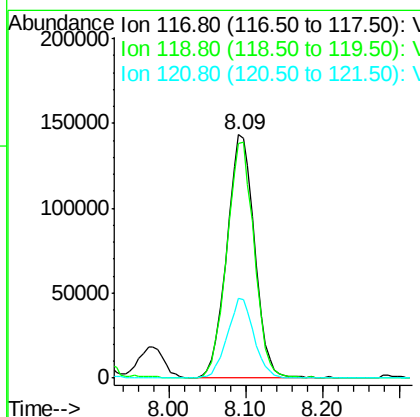
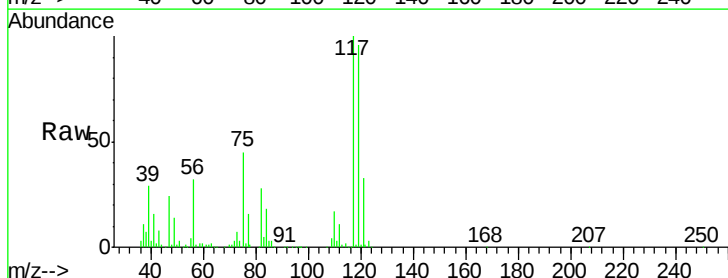
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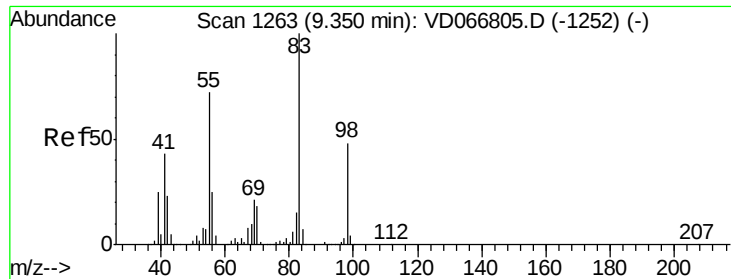
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#38
Carbon Tetrachloride
Concen: 51.653 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.8	113.8
121	32.7	23.4	35.0





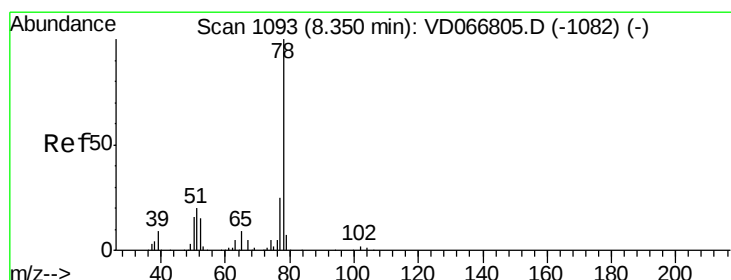
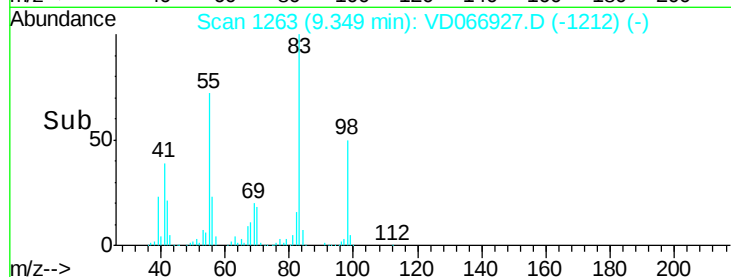
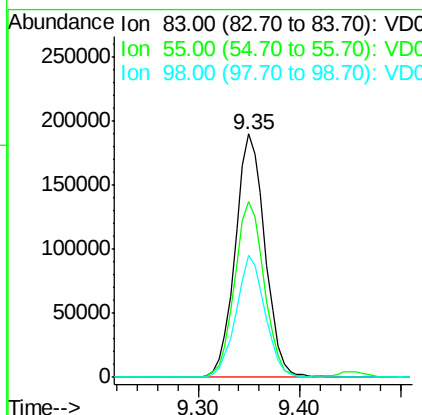
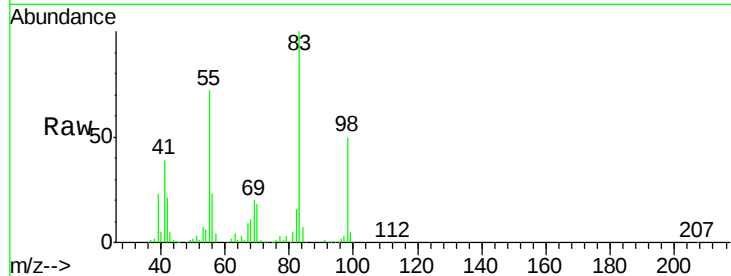
#39
Methylvlcyclohexane
Concen: 52.823 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	57.7	86.5
98	50.1	38.4	57.6

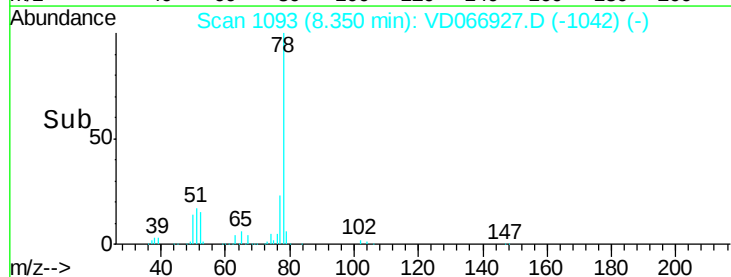
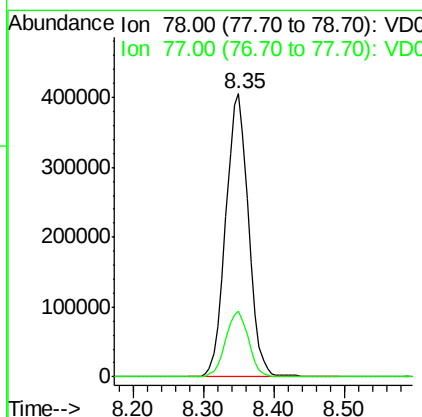
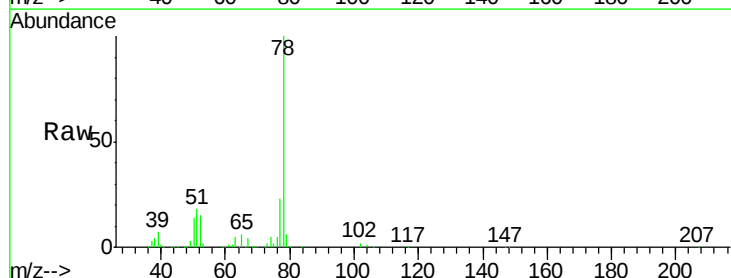
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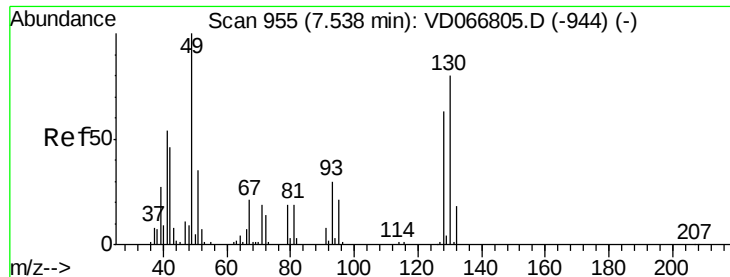
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#40
Benzene
Concen: 51.190 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.9	29.9





#41

Methacrylonitrile

Concen: 43.898 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tot Ion: 41 Resp: 62060

Ion Ratio Lower Upper

41 100

39 65.3 0.0 0.0#

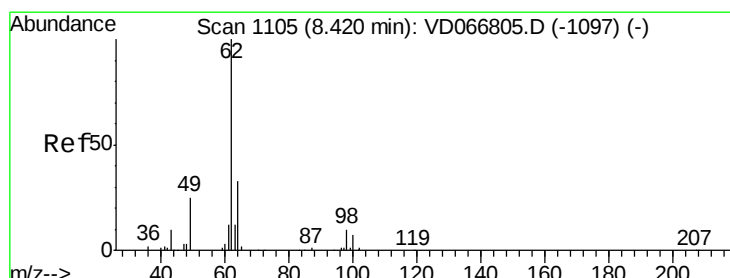
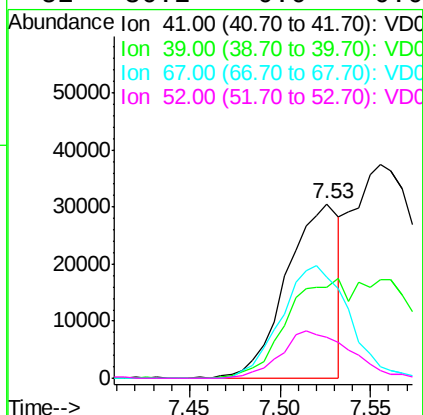
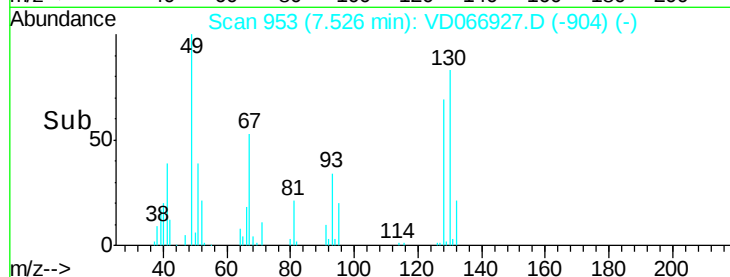
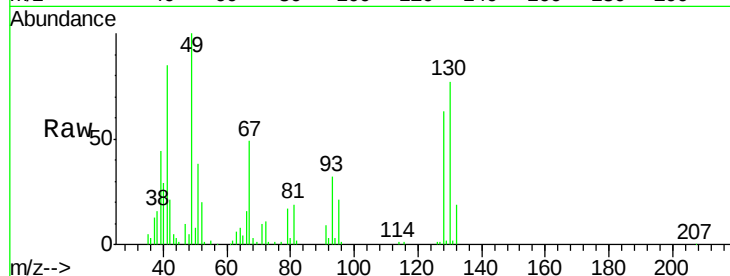
67 82.4 0.0 0.0#

52 36.2 0.0 0.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.476 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066927.D

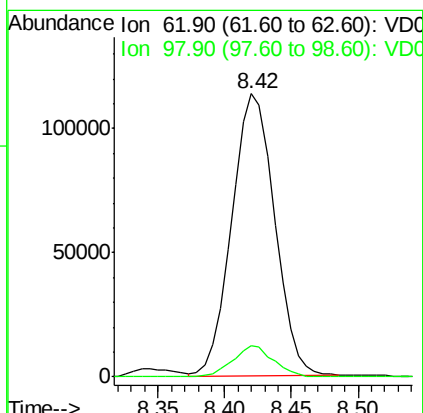
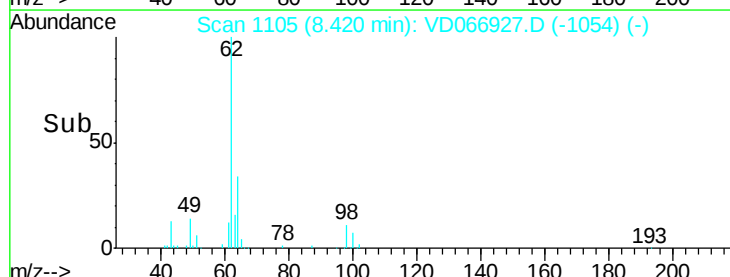
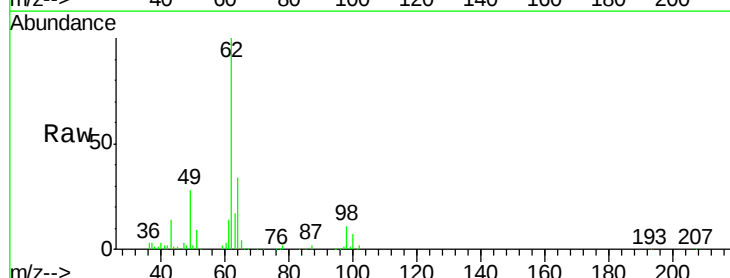
Acq: 29 Sep 2020 09:23

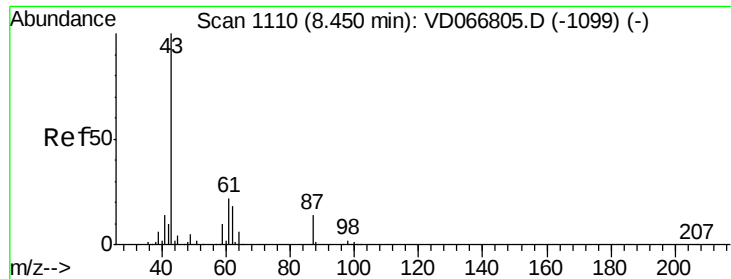
Tgt Ion: 62 Resp: 253981

Ion Ratio Lower Upper

62 100

98 10.4 0.0 19.8





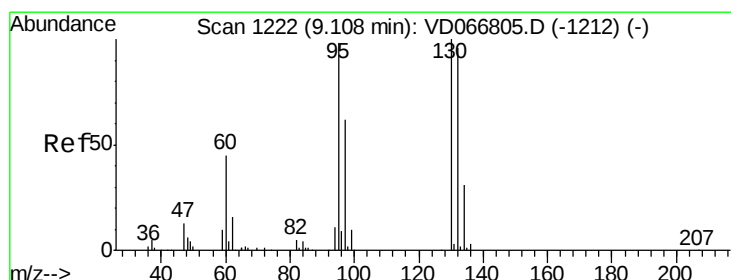
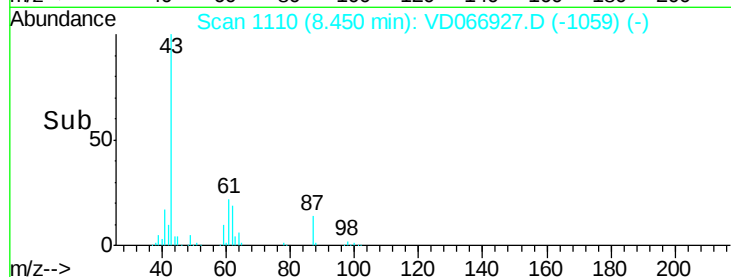
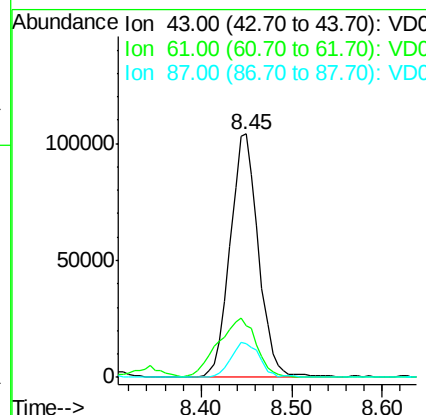
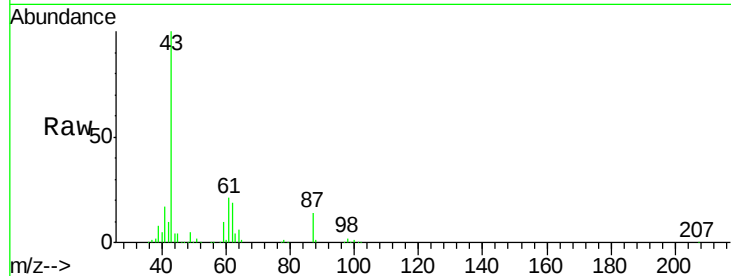
#43
Isopropyl Acetate
Concen: 51.036 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Resp	Lower	Upper
43	100	226197		
61	33.1		26.2	39.4
87	14.7		11.5	17.3

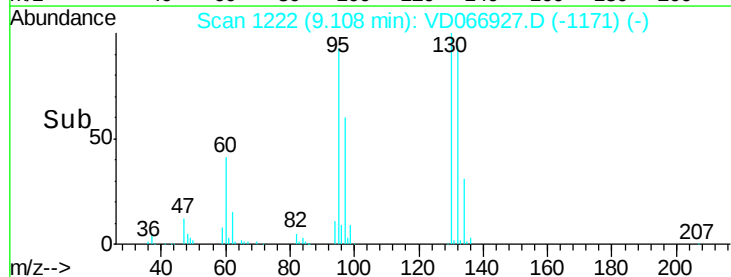
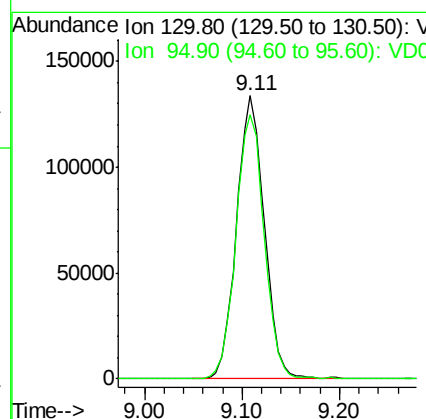
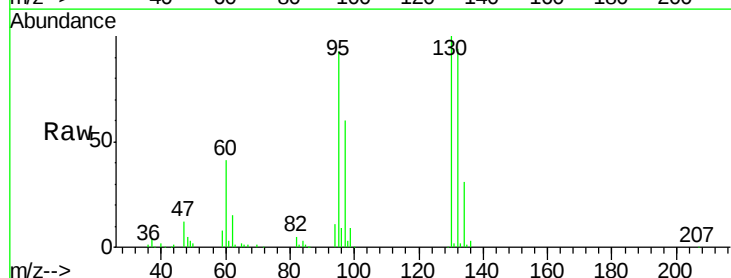
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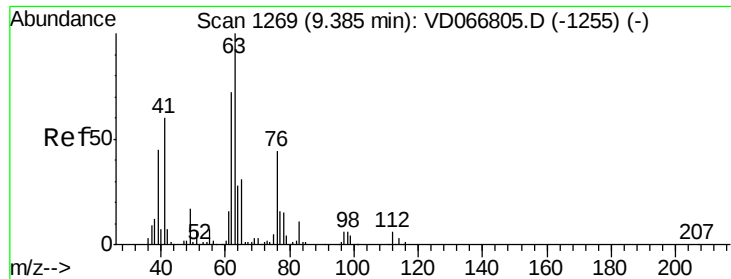
MMDadoda
9/30/2020 1:21:51 PM



#44
Trichloroethene
Concen: 52.480 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	265108		
95	93.5		0.0	197.0





#45

1,2-Dichloropropane

Concen: 50.751 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tot Ion: 63 Resp: 226301

Ion Ratio Lower Upper

63 100

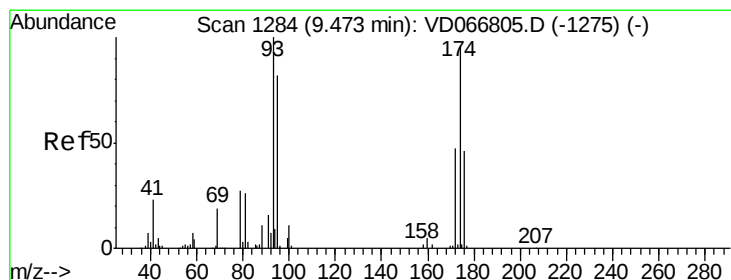
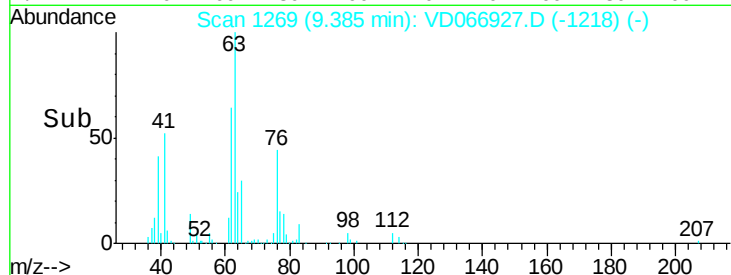
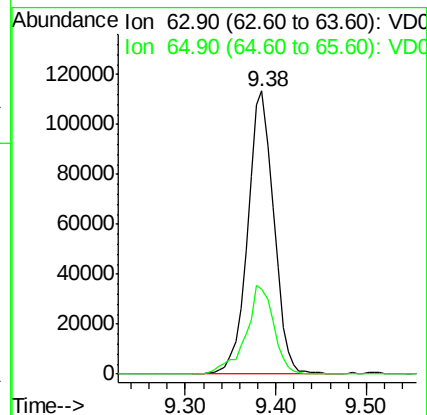
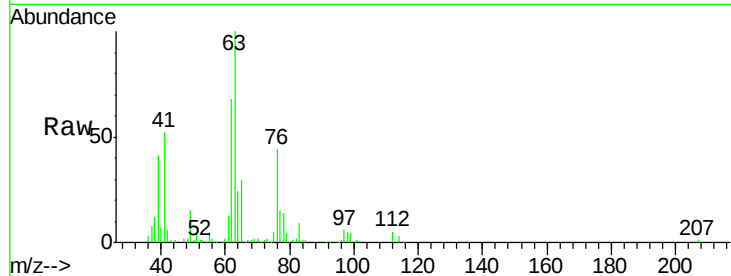
65 30.0 24.7 37.1

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#46

Dibromomethane

Concen: 52.067 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

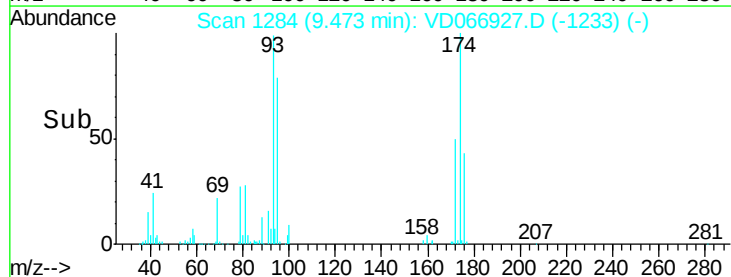
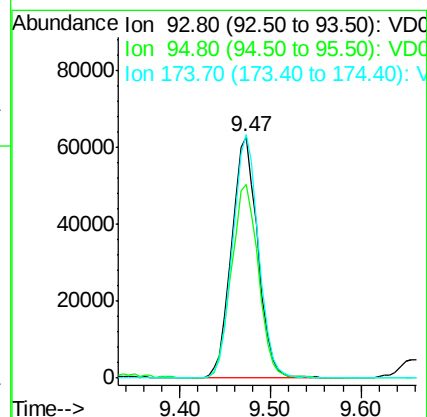
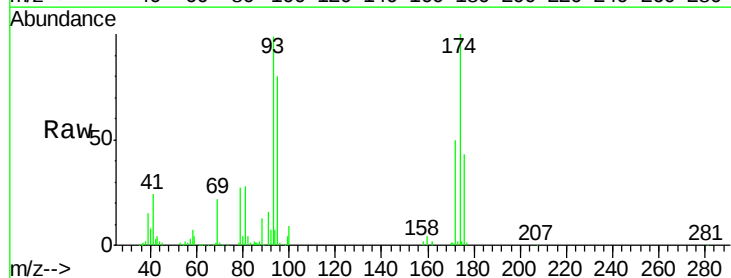
Tgt Ion: 93 Resp: 126143

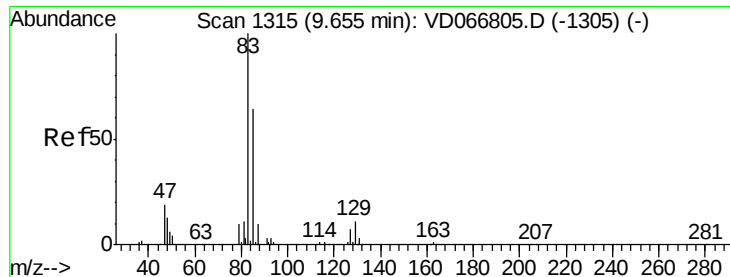
Ion Ratio Lower Upper

93 100

95 82.9 65.3 97.9

174 99.9 75.4 113.2





#47

Bromodichloromethane

Concen: 50.864 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

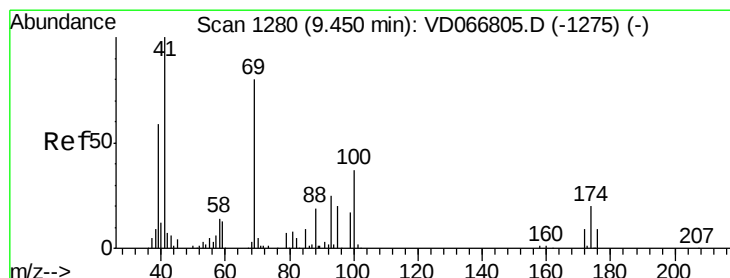
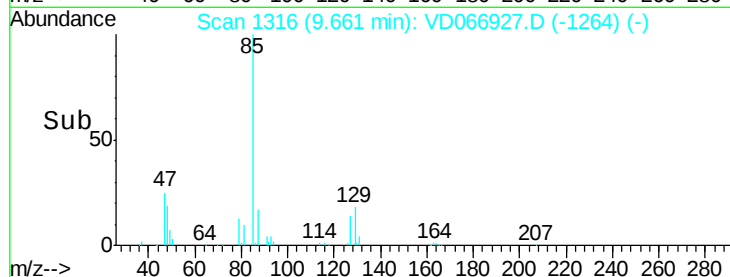
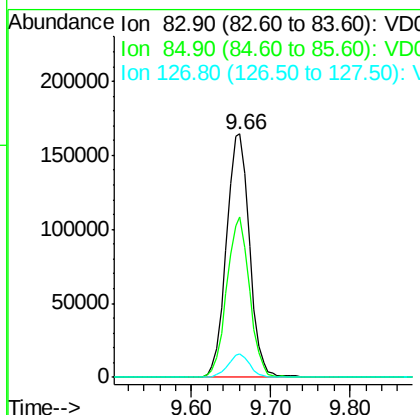
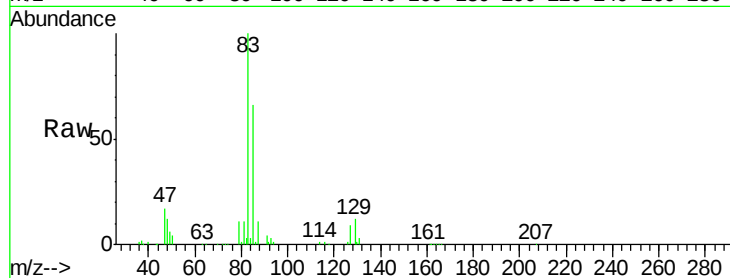
ClientSampleId :

VSTD05006

Tot Ion:	83	Resp:	331032
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.9	76.3
127	9.5	5.9	8.9#

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#48

Methyl methacrylate

Concen: 54.602 ug/l

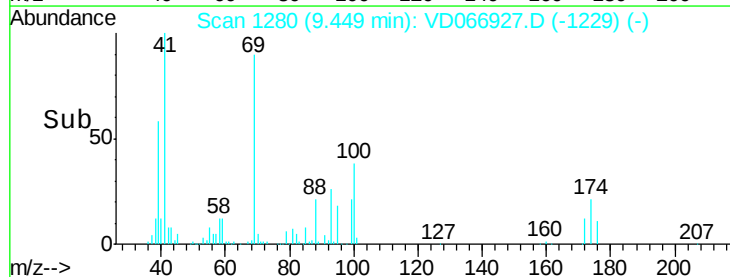
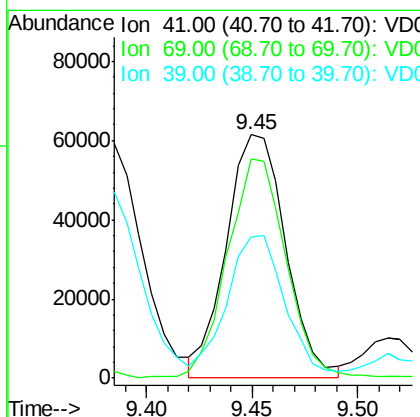
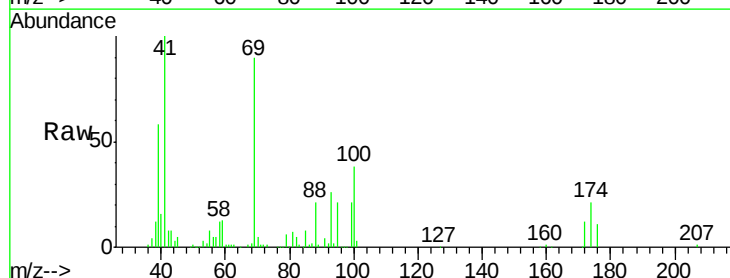
RT: 9.45 min Scan# 1280

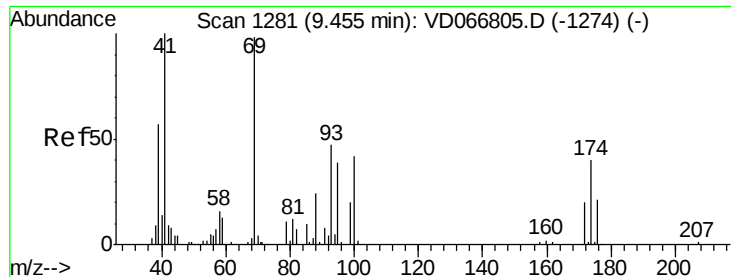
Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Tgt Ion:	41	Resp:	119317
Ion	Ratio	Lower	Upper
41	100		
69	90.2	74.5	111.7
39	52.6	47.0	70.6





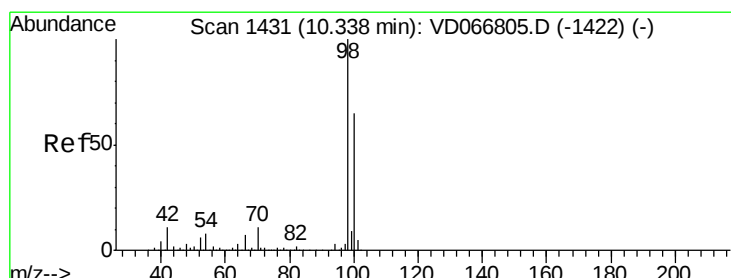
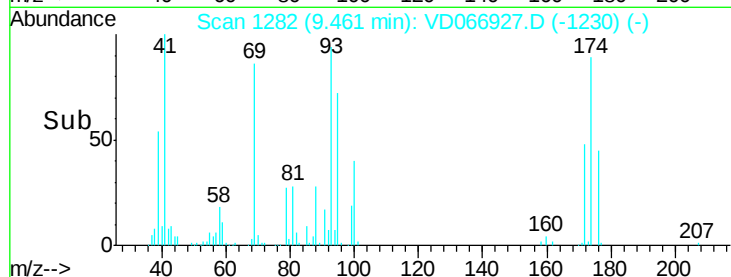
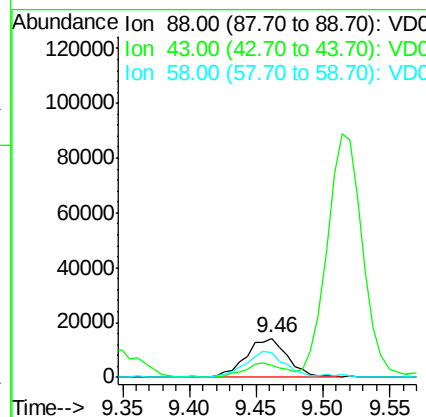
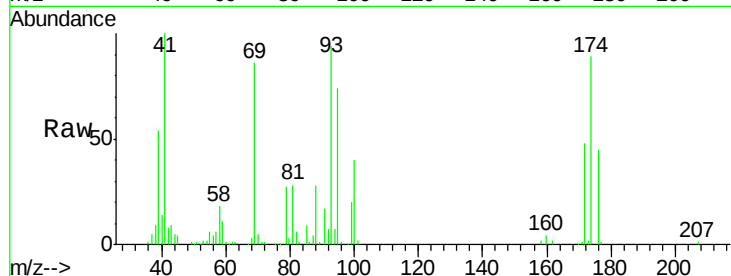
#49
1,4-Dioxane
Concen: 1128.468 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	35.3	27.7	41.5	
58	63.3	55.5	83.3	

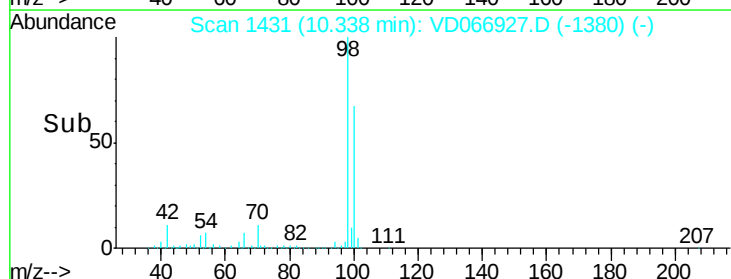
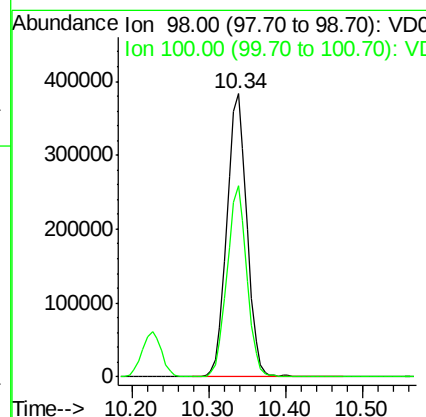
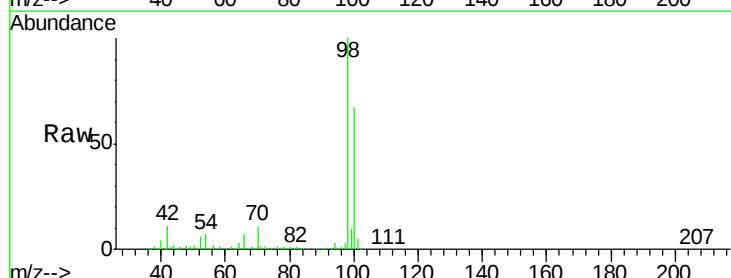
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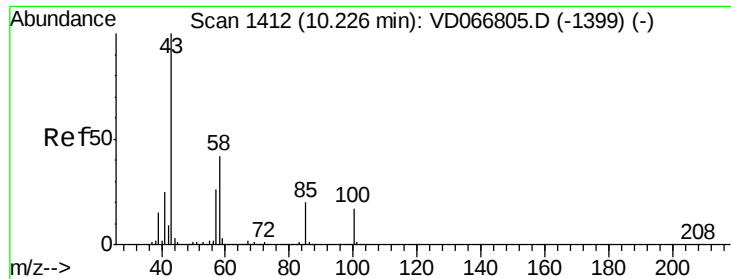
MMDadoda
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#50
Toluene-d8
Concen: 50.115 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.4	52.2	78.2	





#51

4-Methyl-2-Pentanone

Concen: 264.338 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tot Ion: 43 Resp: 593642

Ion Ratio Lower Upper

43 100

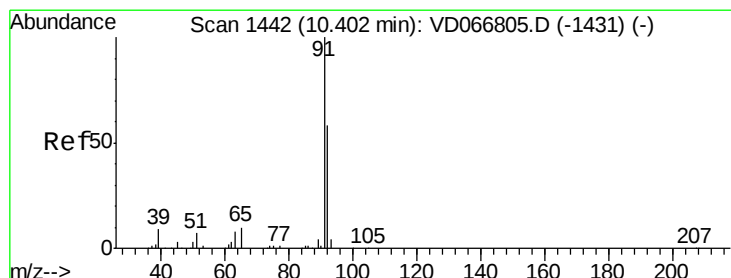
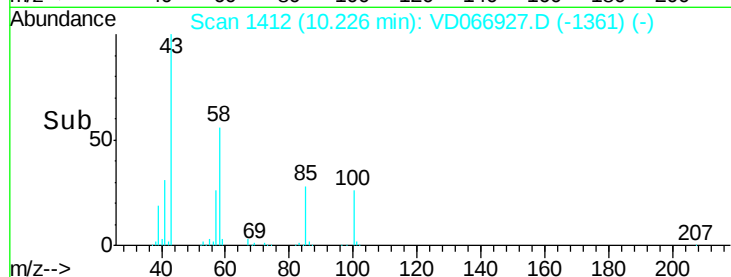
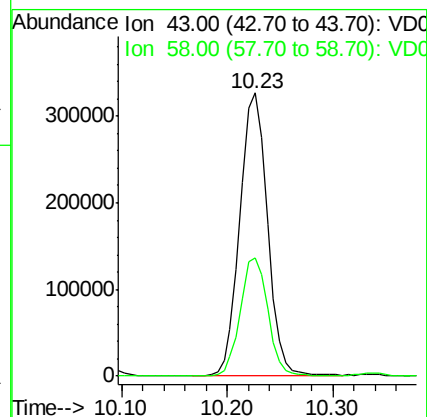
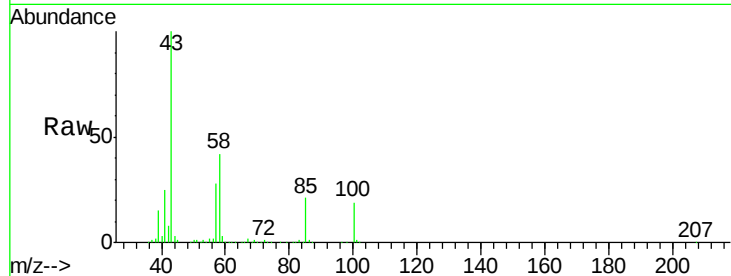
58 41.5 32.2 48.4

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#52

Toluene

Concen: 53.110 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066927.D

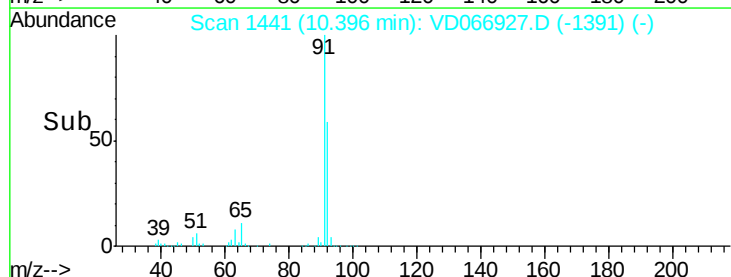
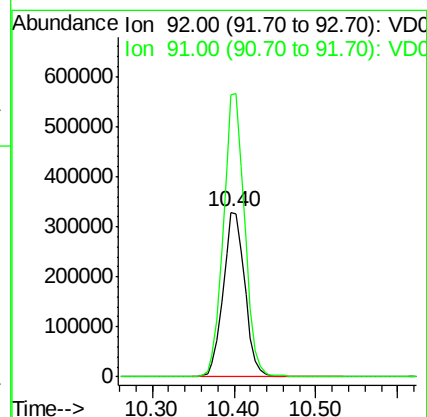
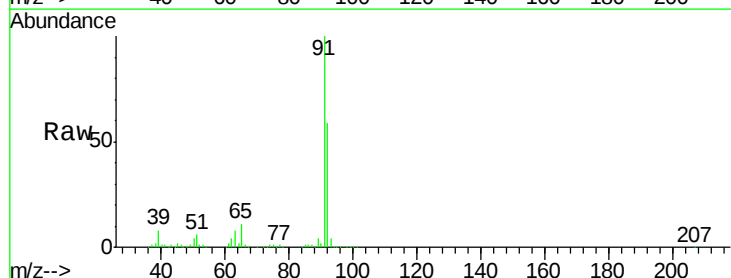
Acq: 29 Sep 2020 09:23

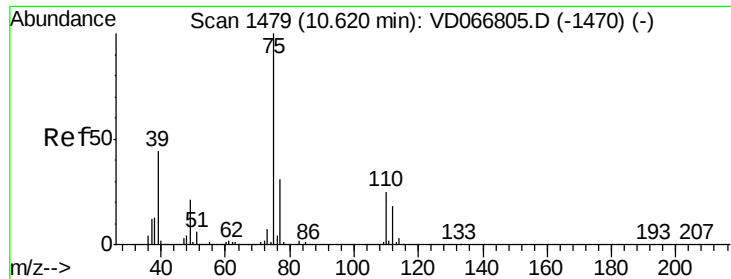
Tgt Ion: 92 Resp: 606299

Ion Ratio Lower Upper

92 100

91 168.6 134.6 202.0





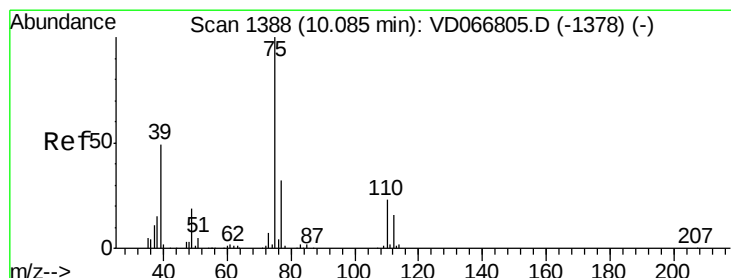
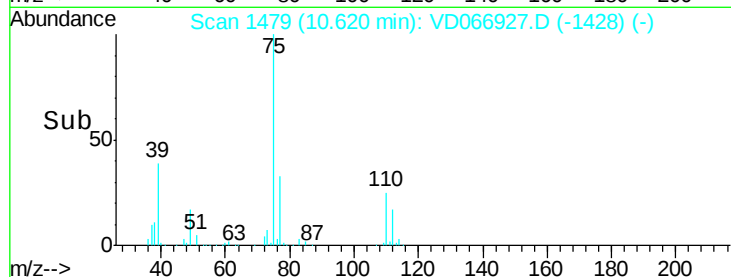
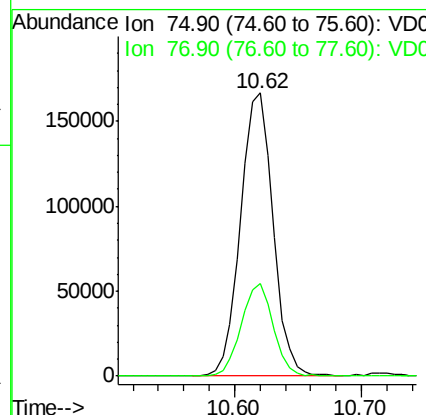
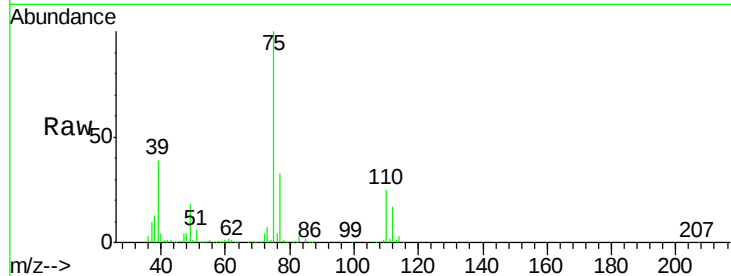
#53
 t-1,3-Dichloropropene
 Concen: 53.596 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.5	36.7

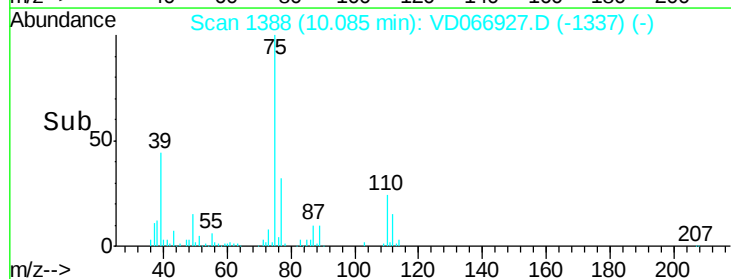
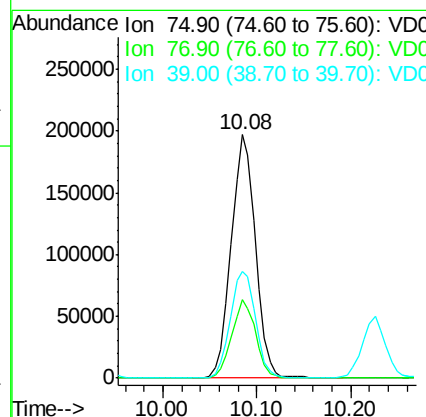
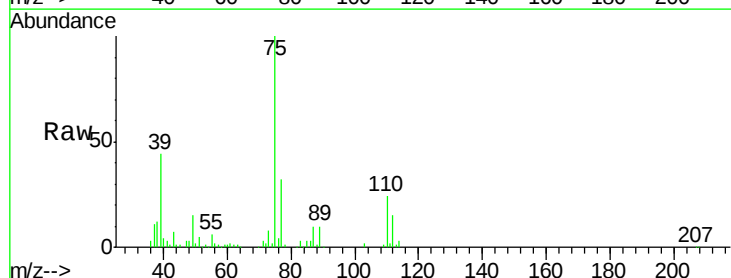
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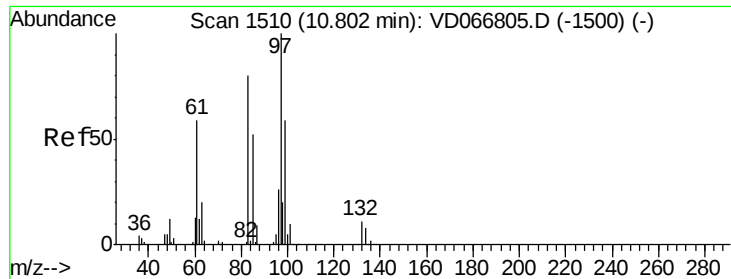
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#54
 cis-1,3-Dichloropropene
 Concen: 52.311 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.6	38.4
39	43.4	39.2	58.8





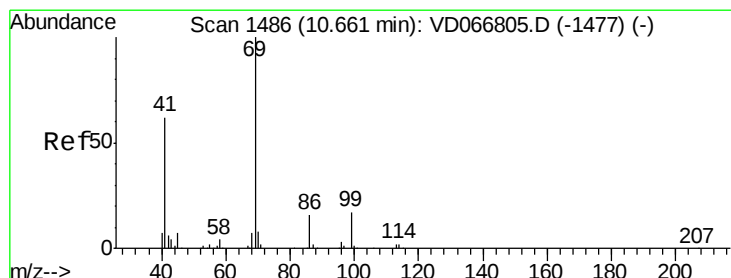
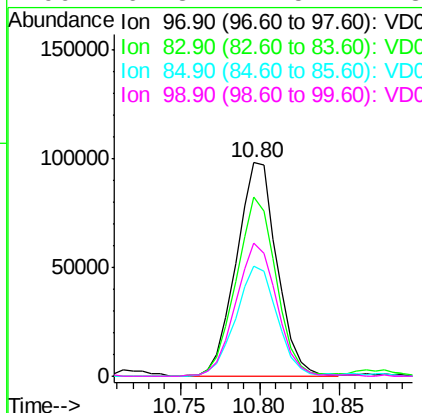
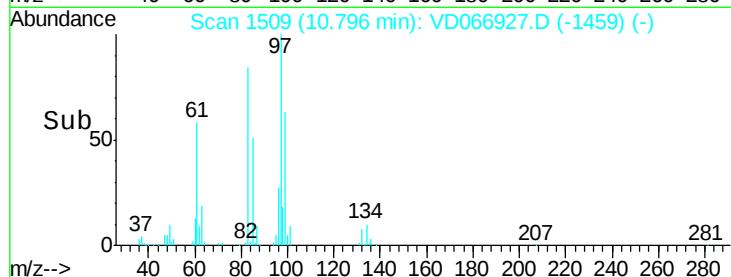
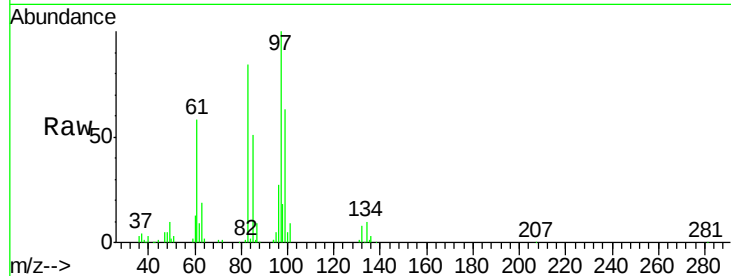
#55
 1,1,2-Trichloroethane
 Concen: 52.564 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		175067		
83	83.7	64.2	96.2		
85	51.4	41.9	62.9		
99	62.3	47.5	71.3		

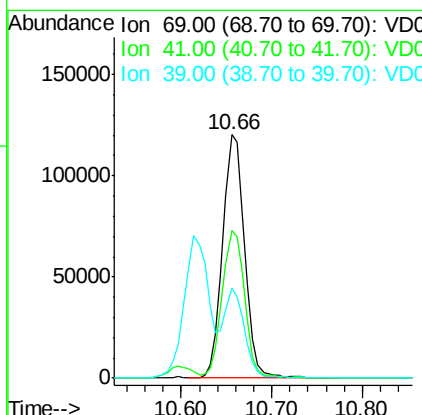
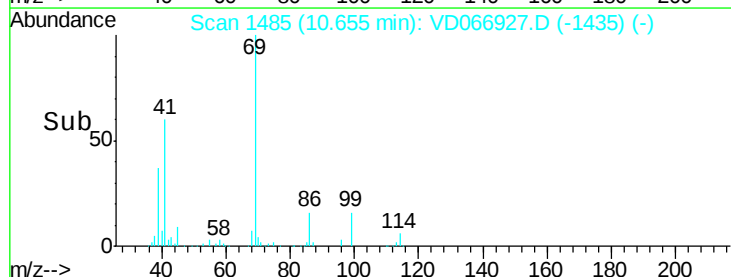
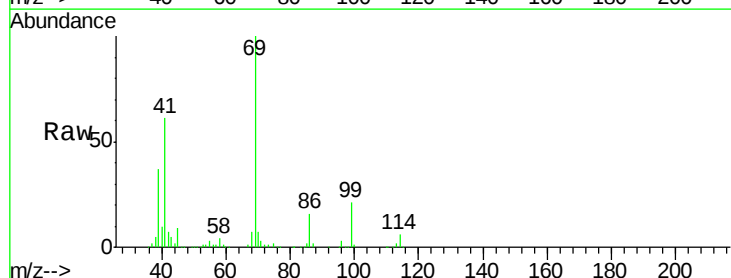
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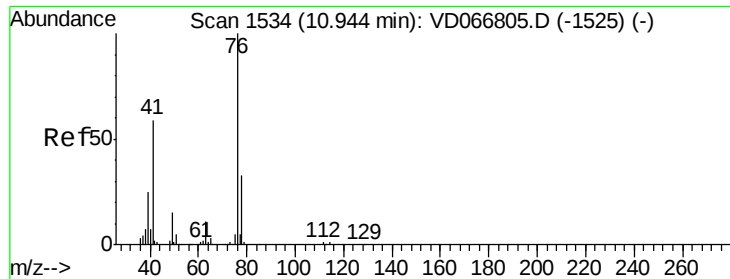
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#56
 Ethyl methacrylate
 Concen: 56.791 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		202628		
41	61.2	52.2	78.2		
39	35.1	26.6	40.0		





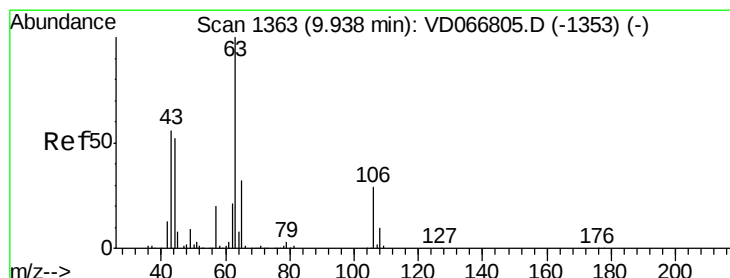
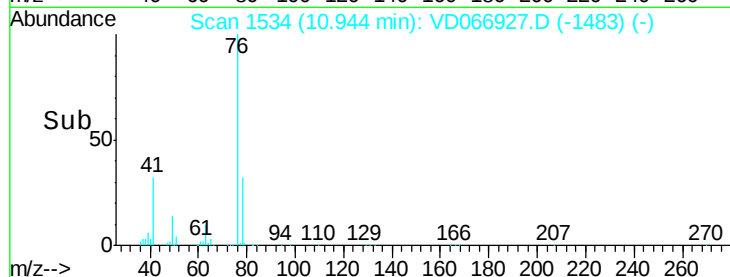
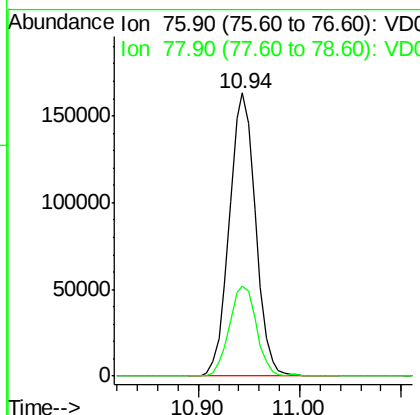
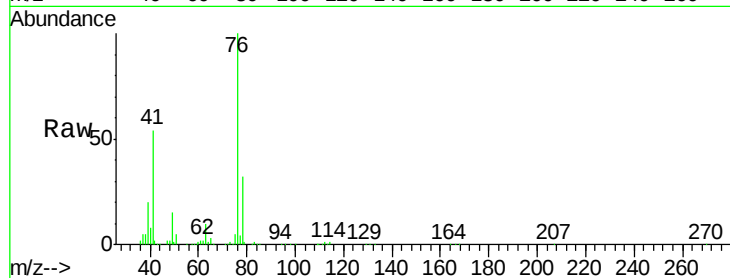
#57
 1,3-Dichloropropane
 Concen: 53.220 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.3	39.5

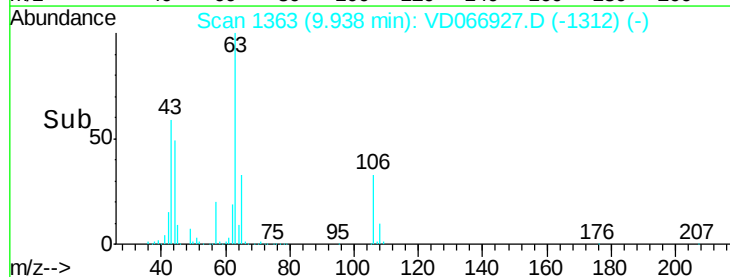
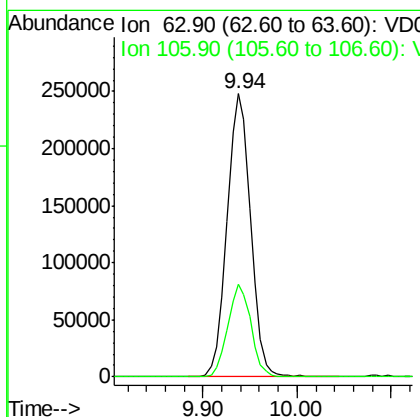
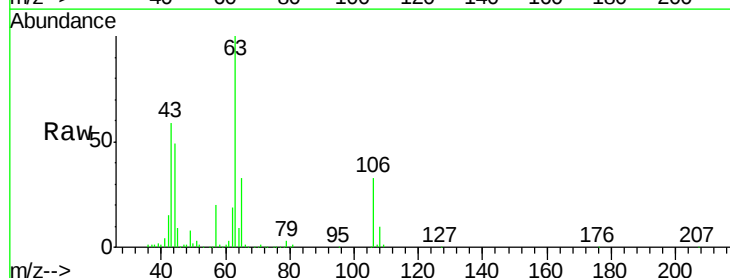
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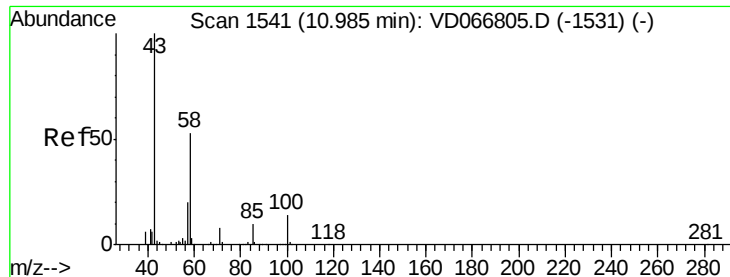
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#58
 2-Chloroethyl Vinyl ether
 Concen: 255.194 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.0	23.8	35.6





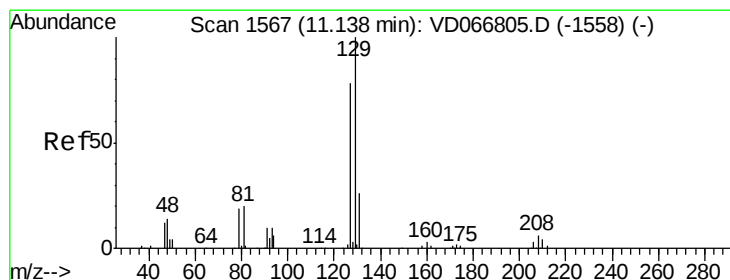
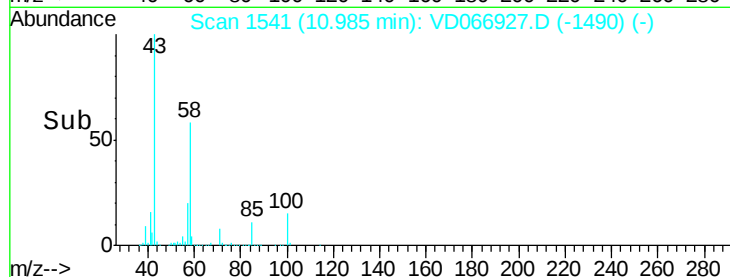
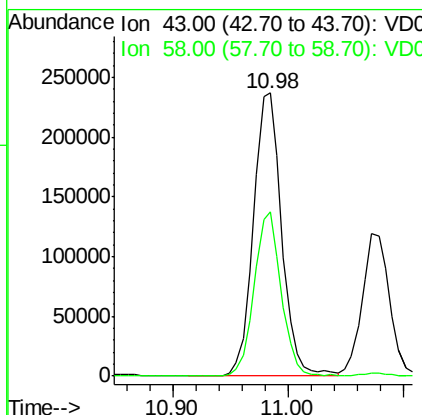
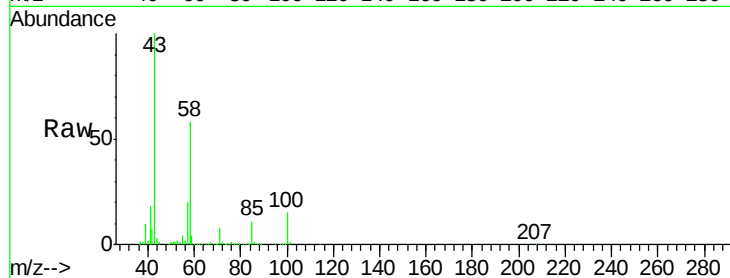
#59
2-Hexanone
Concen: 268.126 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion: 43 Resp: 406075
Ion Ratio Lower Upper
43 100
58 55.3 27.0 80.8

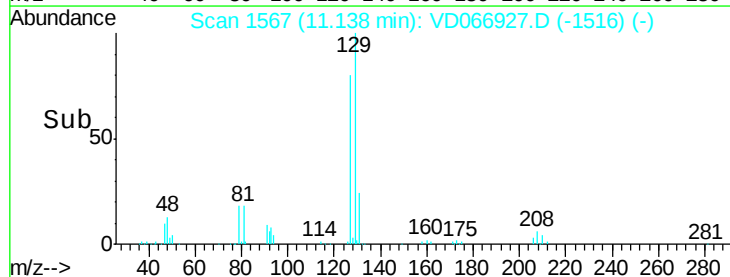
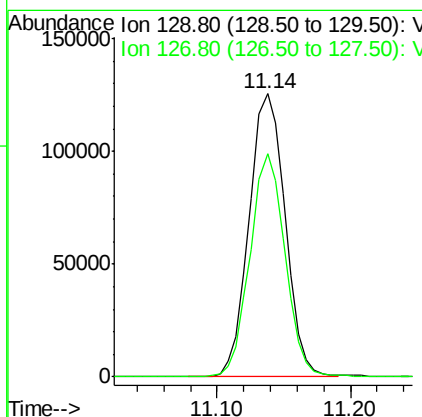
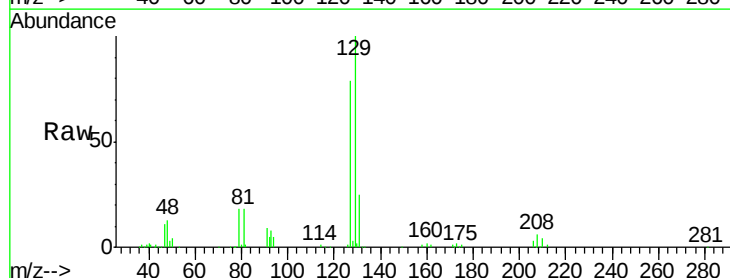
Manual Integrations
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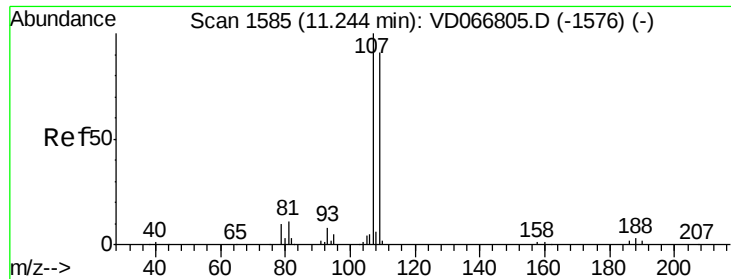
MMDadoda
9/30/2020 1:21:51 PM



#60
Dibromochloromethane
Concen: 53.978 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion: 129 Resp: 234633
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





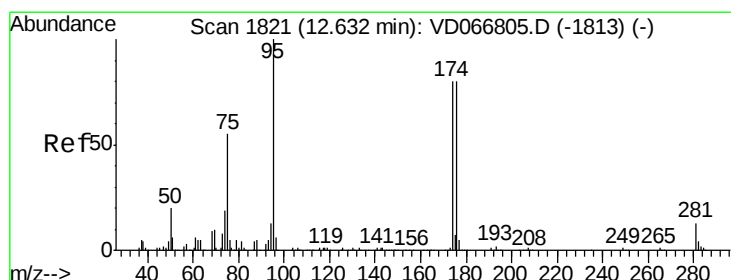
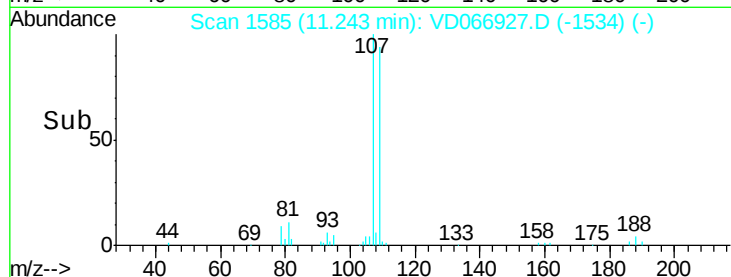
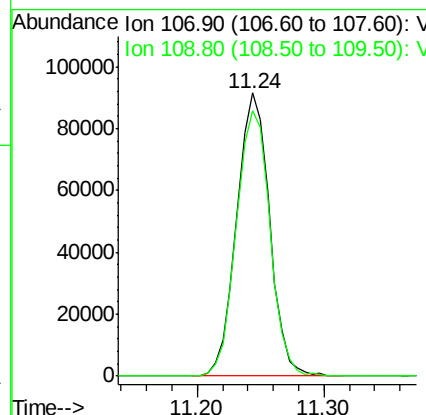
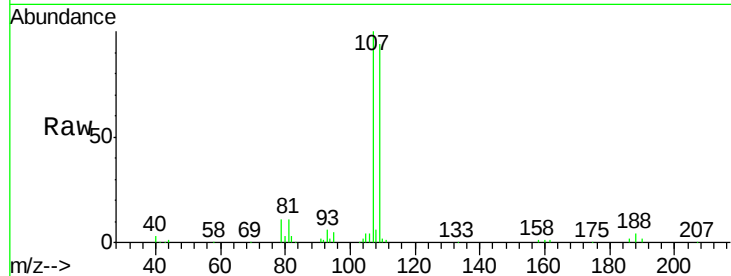
#61
 1,2-Dibromoethane
 Concen: 52.981 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	75.0	112.4

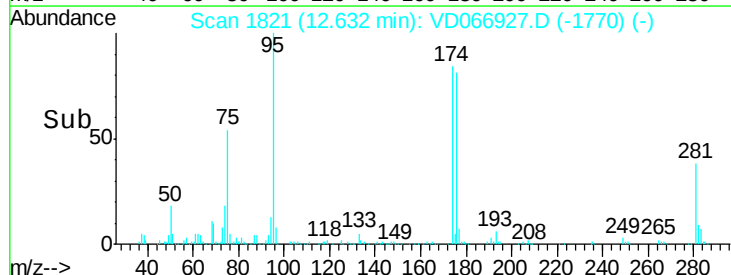
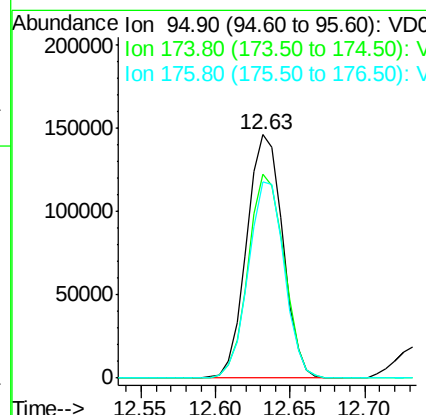
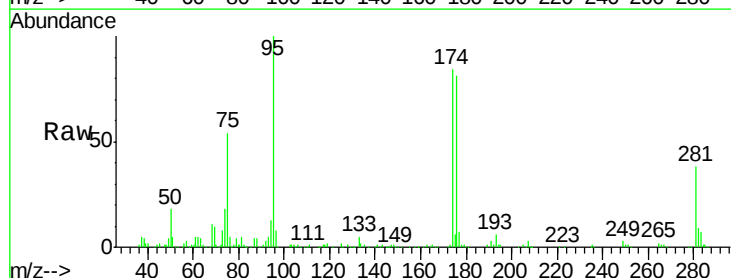
Manual Integrations
 APPROVED

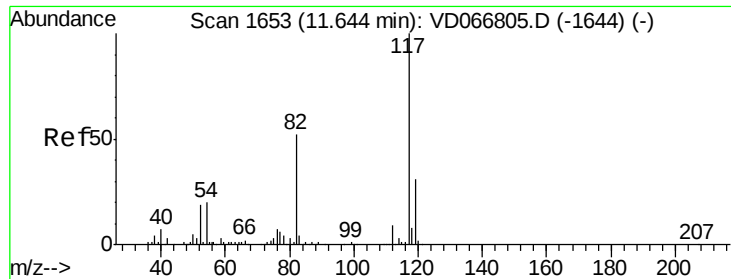
MMDadoda
 9/30/2020 1:21:51 PM



#62
 4-Bromofluorobenzene
 Concen: 51.433 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	159.8
176	80.3	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: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

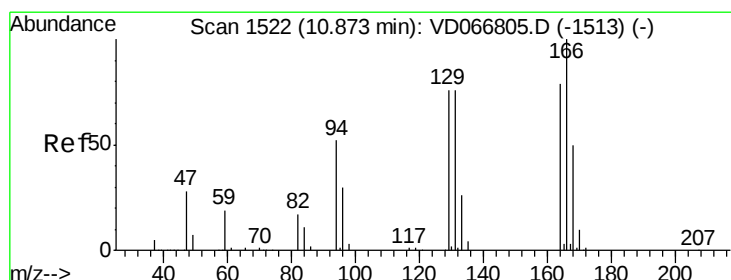
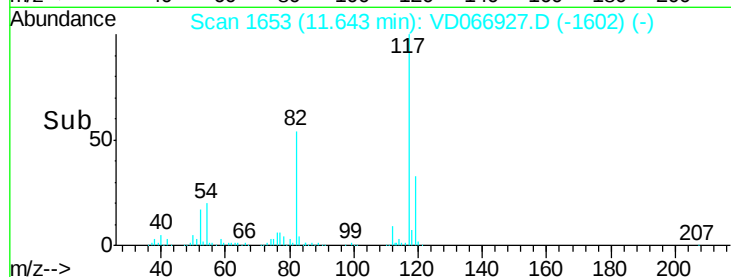
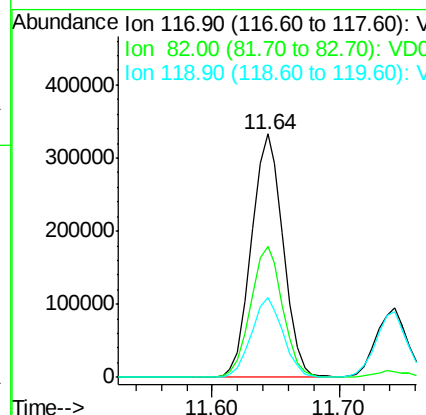
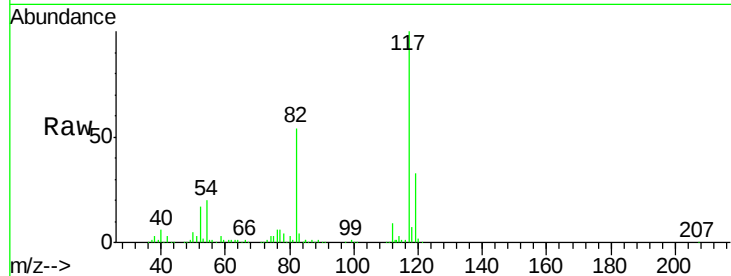
ClientSampleId :

VSTD05006

Tot Ion:	117	Resp:	579196
Ion Ratio	Lower	Upper	
117	100		
82	54.0	41.8	62.6
119	32.6	24.6	37.0

Manual Integrations
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#64

Tetrachloroethene

Concen: 53.489 ug/l

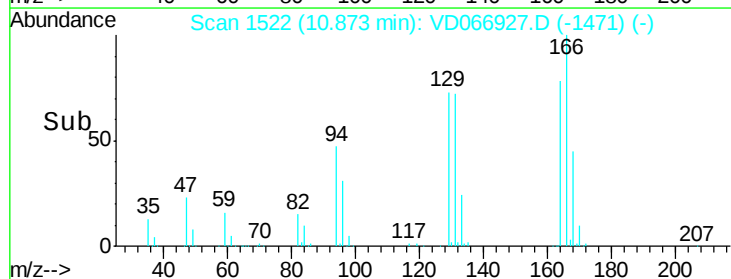
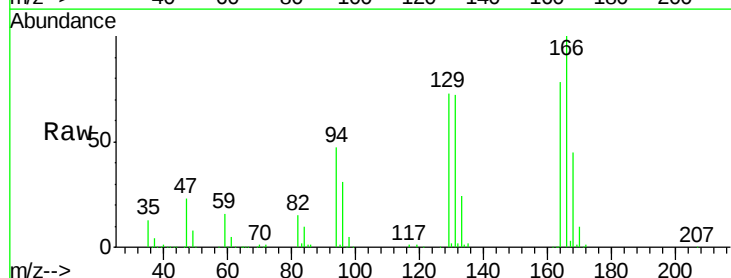
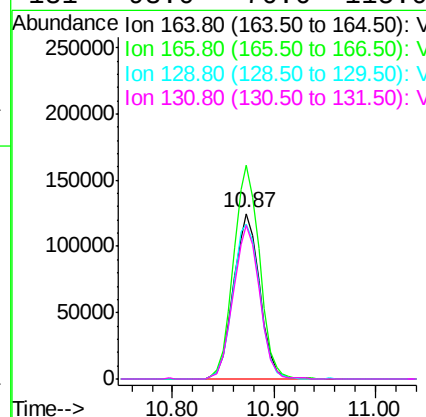
RT: 10.87 min Scan# 1522

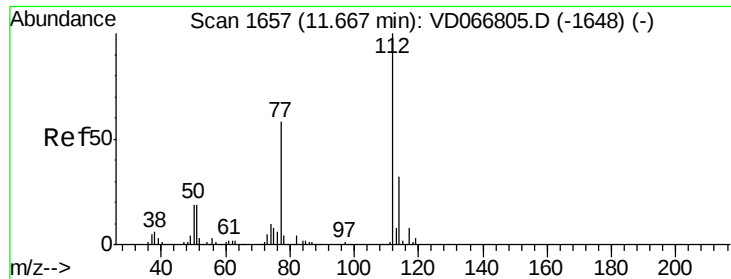
Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Tgt Ion:	164	Resp:	222847
Ion Ratio	Lower	Upper	
164	100		
166	128.9	101.1	151.7
129	93.5	77.0	115.4
131	93.0	76.6	115.0





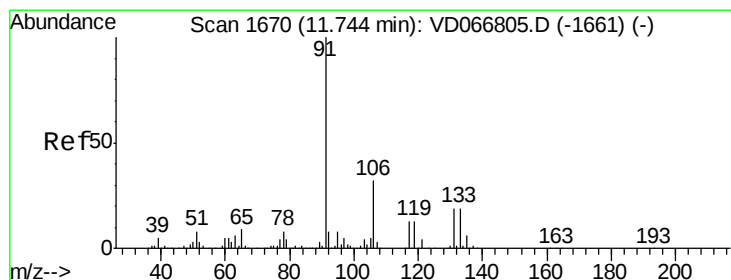
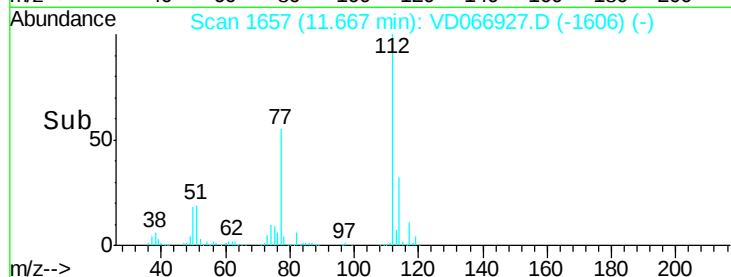
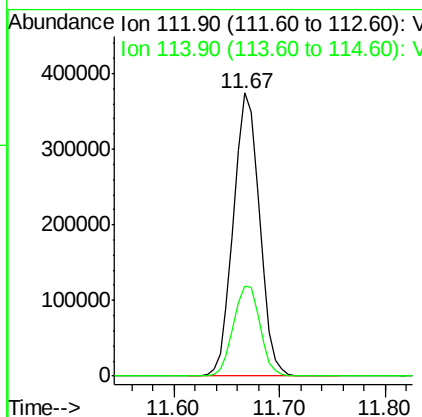
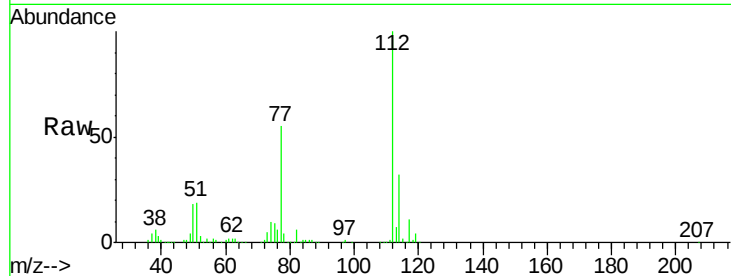
#65
Chlorobenzene
Concen: 53.061 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion:112 Resp: 639720
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

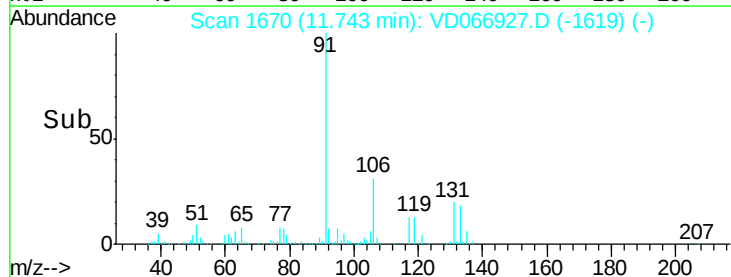
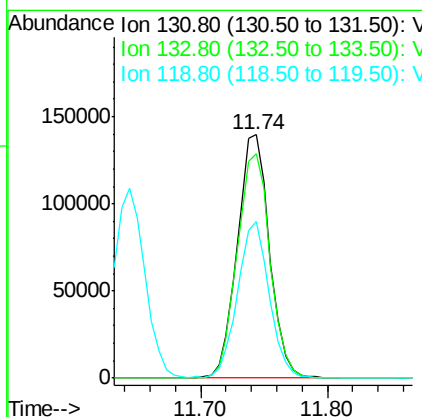
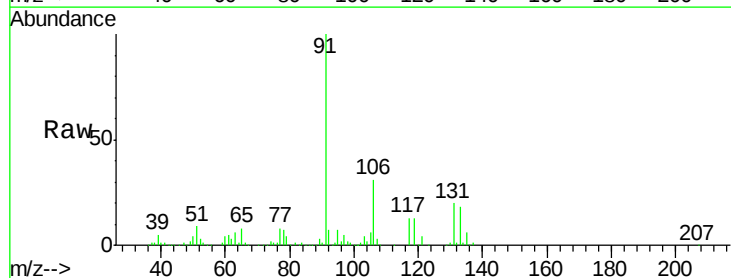
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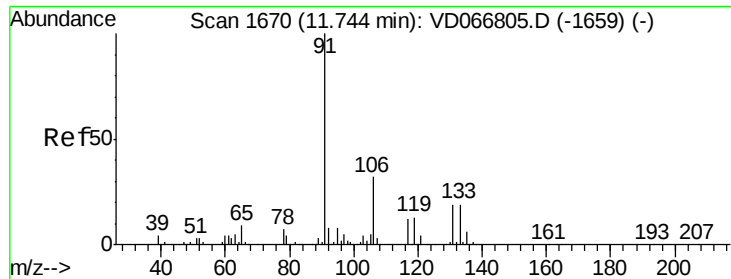
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.719 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion:131 Resp: 245122
Ion Ratio Lower Upper
131 100
133 94.4 46.7 140.1
119 63.4 32.3 96.9





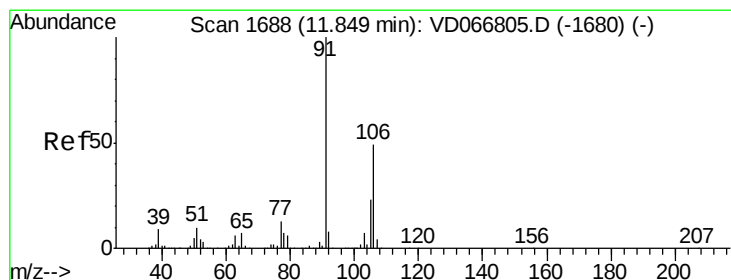
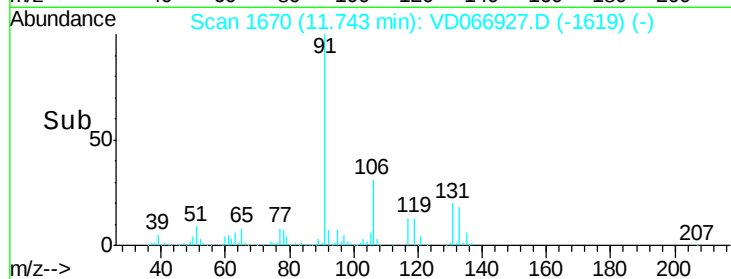
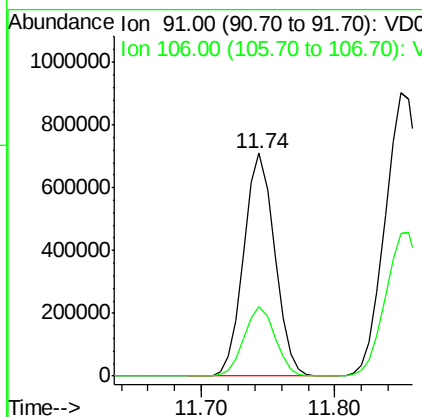
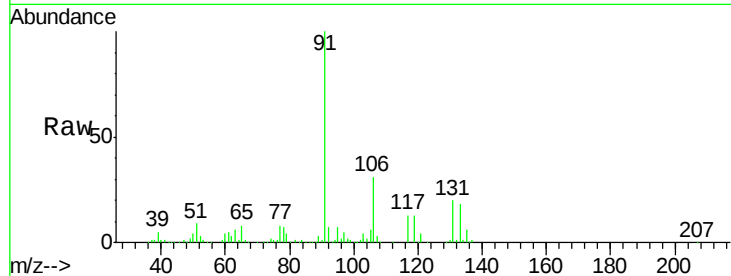
#67
Ethyl Benzene
Concen: 53.935 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion: 91 Resp: 1142064
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

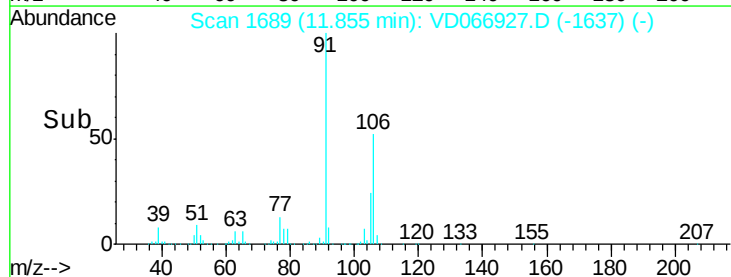
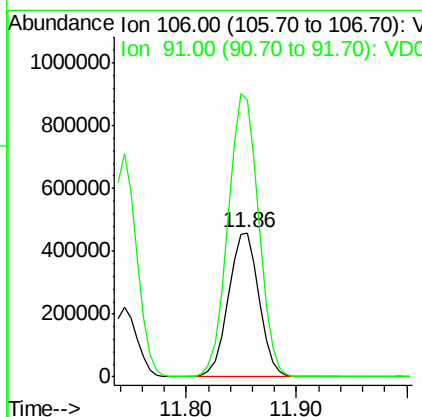
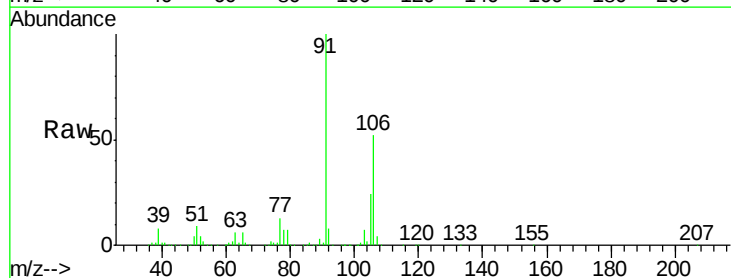
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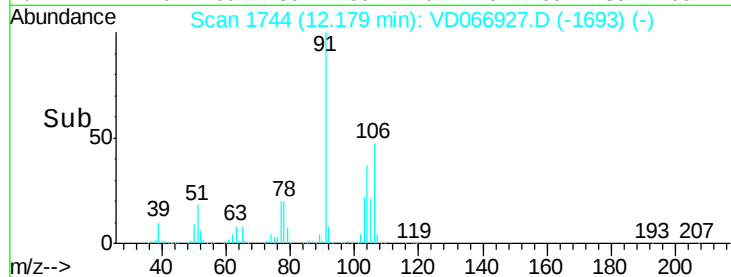
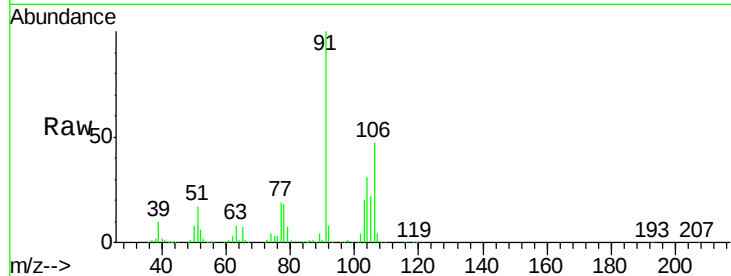
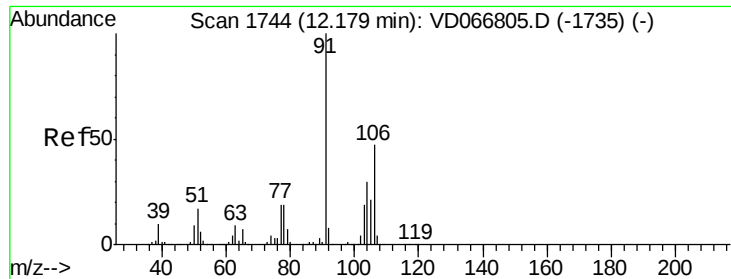
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#68
m/p-Xylenes
Concen: 110.942 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion: 106 Resp: 889424
Ion Ratio Lower Upper
106 100
91 197.5 160.7 241.1





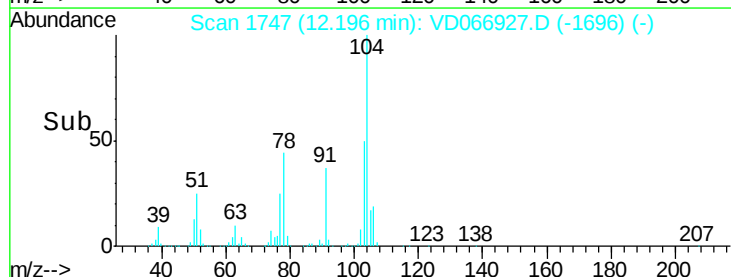
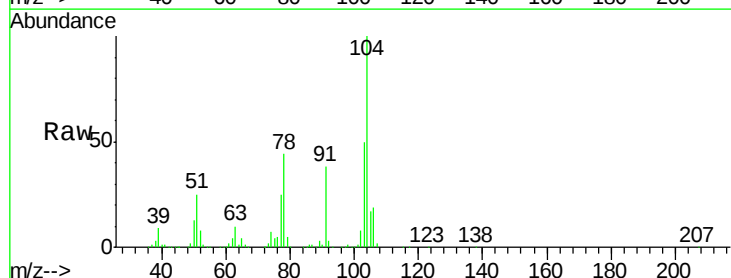
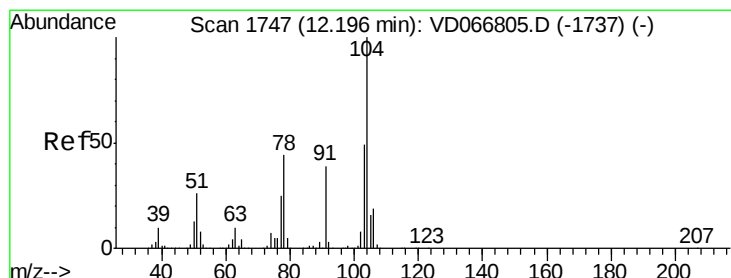
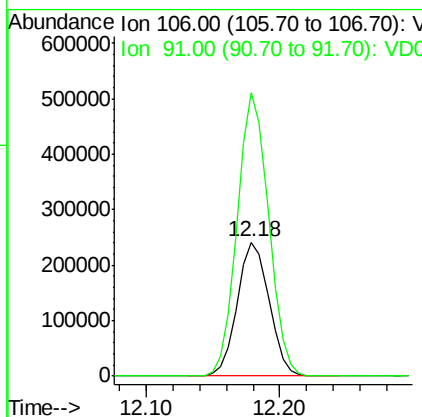
#69
o-Xylene
Concen: 54.971 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tot Ion	Ratio	Resp	Lower	Upper
106	100	398499		
91	209.0	106.3	318.8	

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

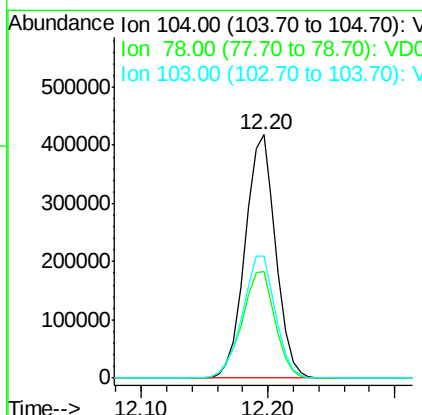
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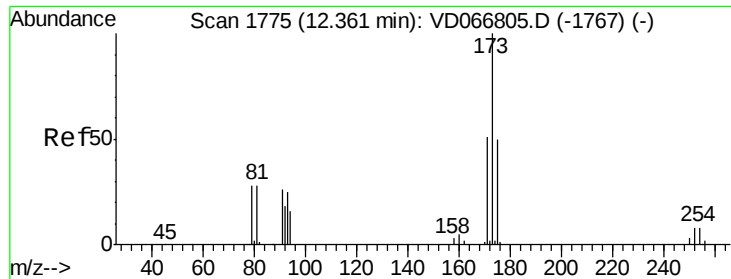
MMDadoda
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#70
Styrene
Concen: 55.468 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	698304		
78	48.0	38.9	58.3	
103	54.1	43.2	64.8	





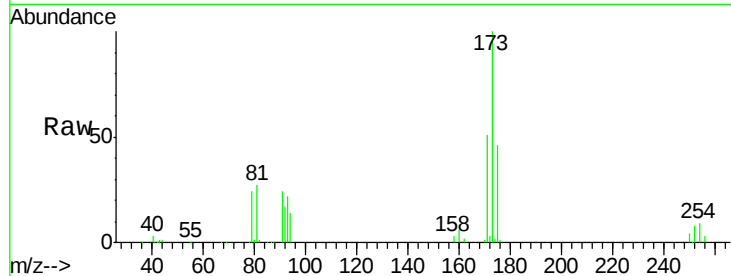
#71
Bromoform
Concen: 57.158 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.9	74.6
254	0.1	0.1	0.1

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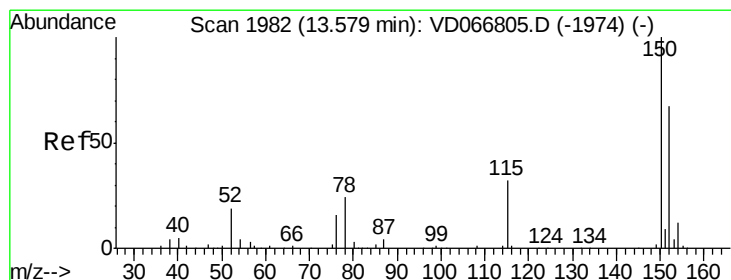
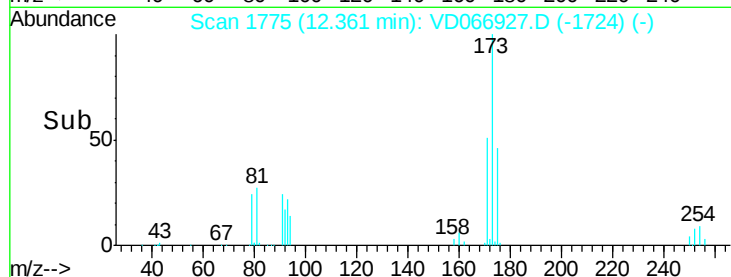
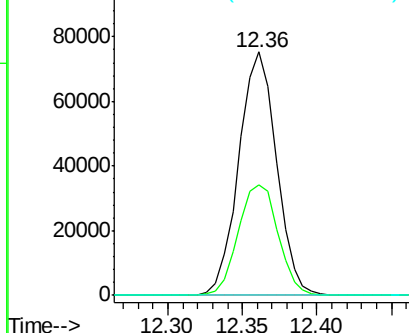


Abundance

Ion 172.70 (172.40 to 173.40): V

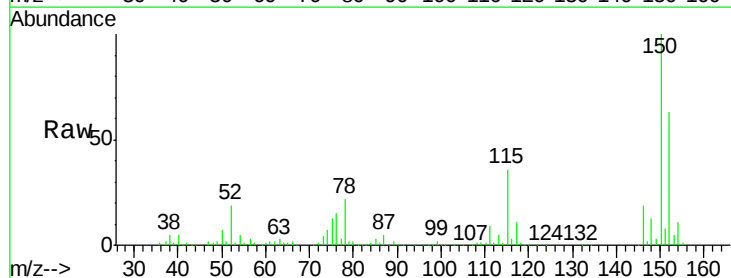
Ion 174.70 (174.40 to 175.40): V

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: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.3	91.0
150	174.0	0.0	346.2

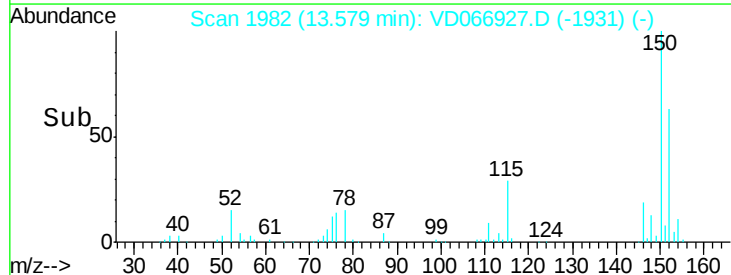
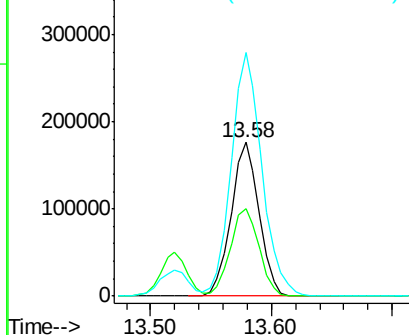


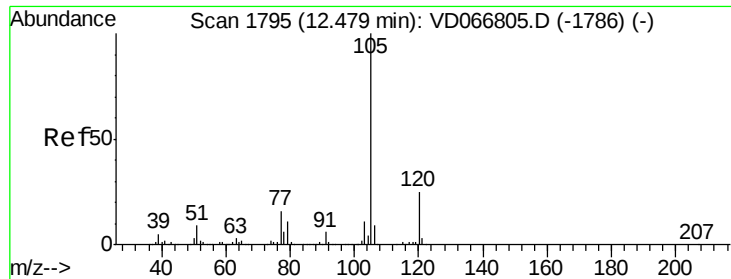
Abundance

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: 54.497 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tot Ion: 105 Resp: 1111451

Ion Ratio Lower Upper

105 100

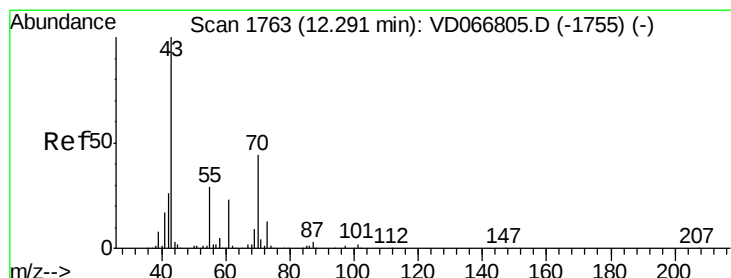
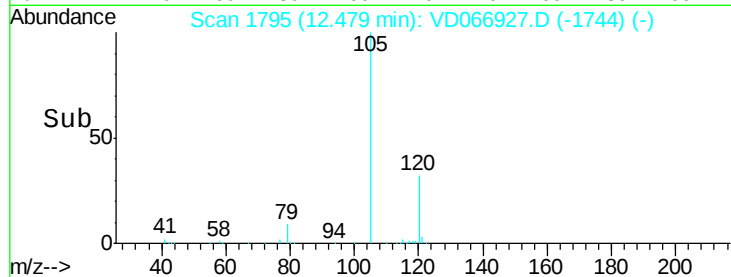
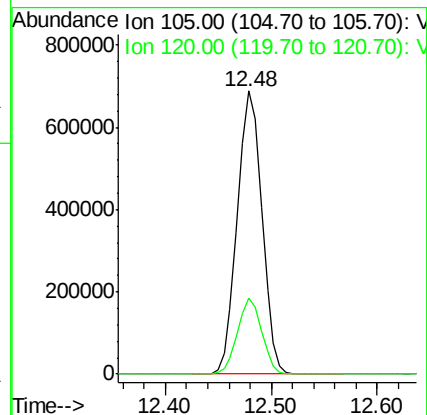
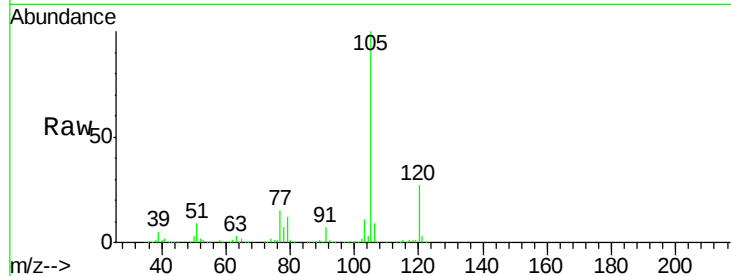
120 26.1 12.9 38.6

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#74

N-ethyl acetate

Concen: 52.656 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Tgt Ion: 43 Resp: 209717

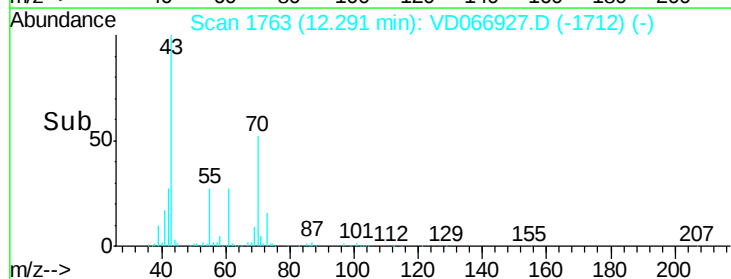
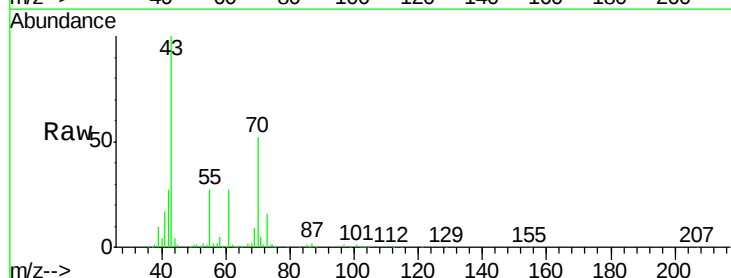
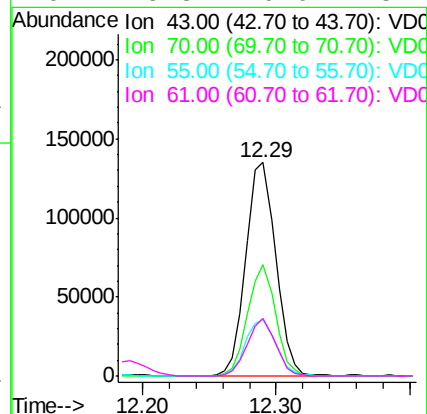
Ion Ratio Lower Upper

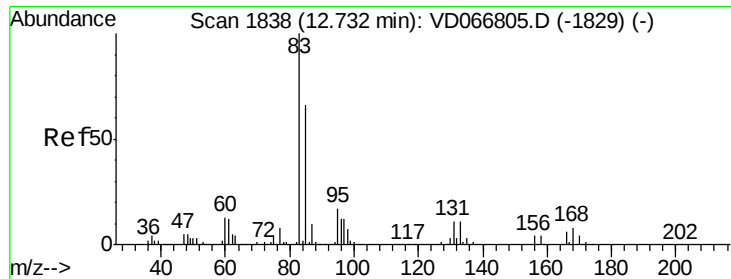
43 100

70 48.3 36.1 54.1

55 27.0 21.8 32.8

61 25.3 19.0 28.4





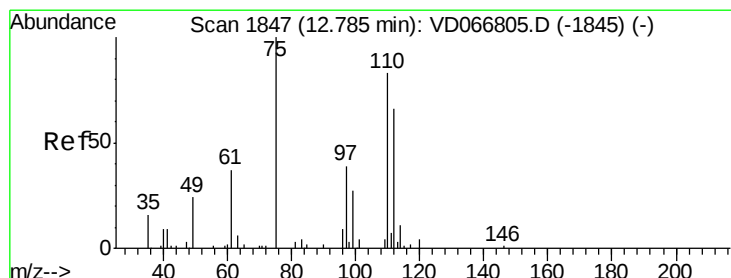
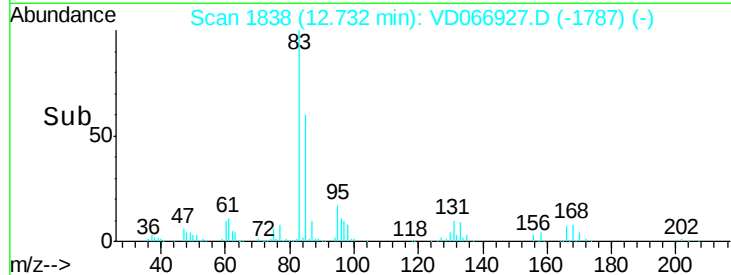
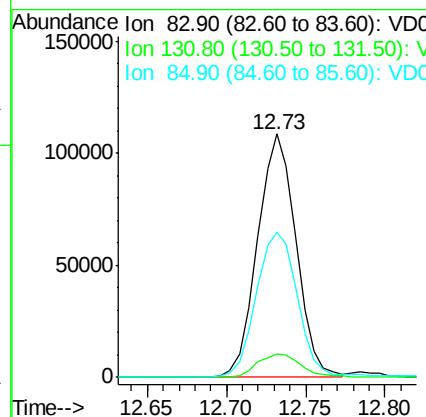
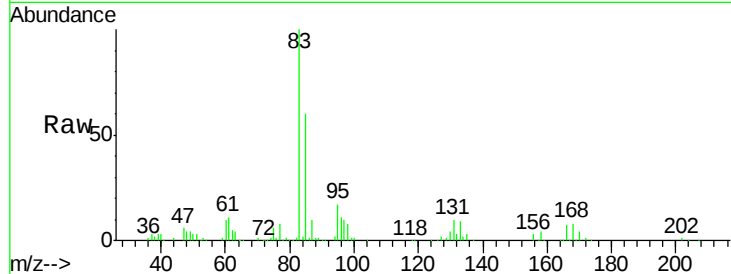
#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.089 ug/l
 RT: 12.73 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tot Ion	Ratio	Resp	Lower	Upper
83	100	183309		
131	11.1	5.5	16.7	
85	63.3	32.1	96.5	

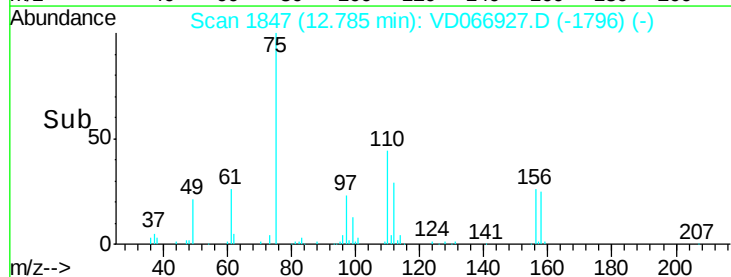
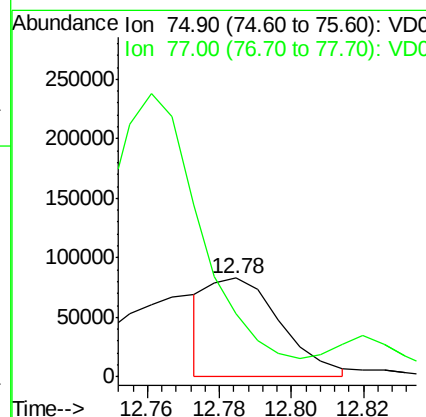
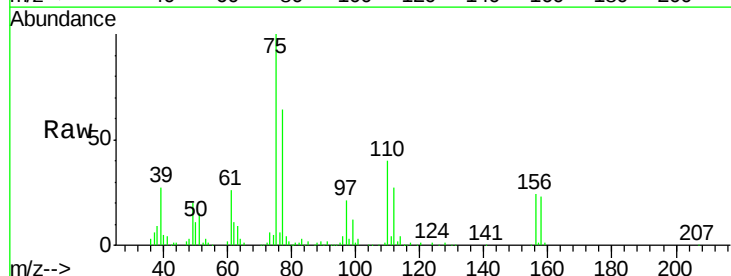
Manual Integrations
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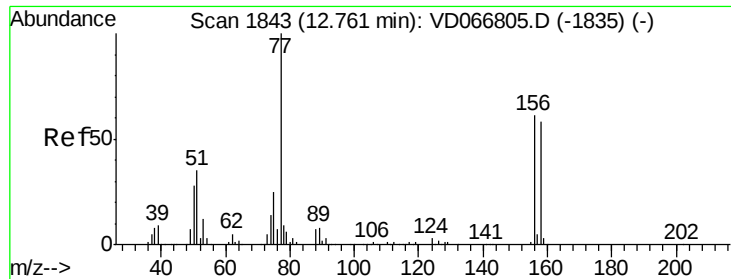
MMDadoda
 9/30/2020 1:21:51 PM



#76
 1,2,3-Trichloropropane
 Concen: 49.547 ug/l m
 RT: 12.78 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	115922		
77	0.0	0.0	0.0	





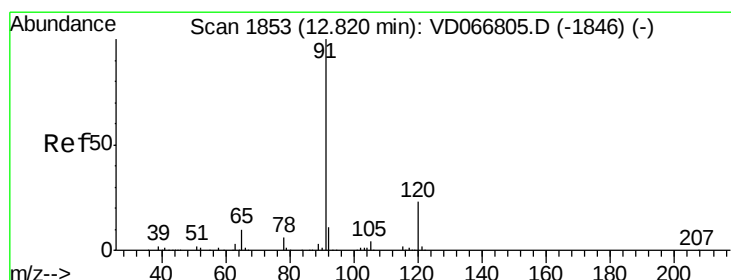
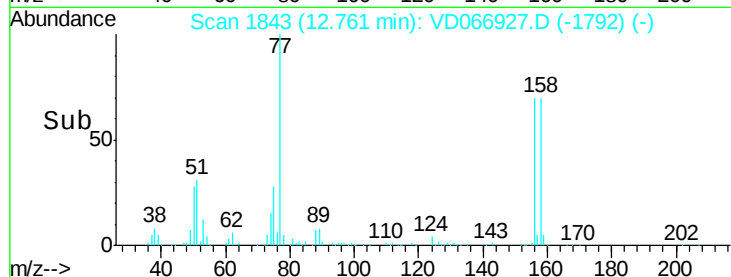
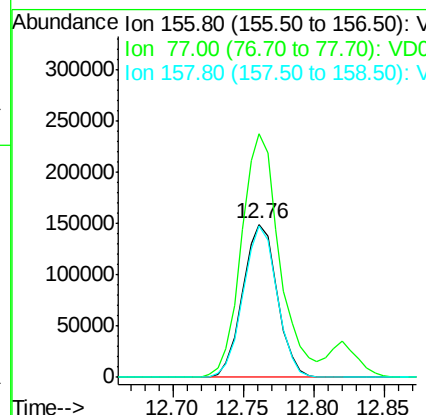
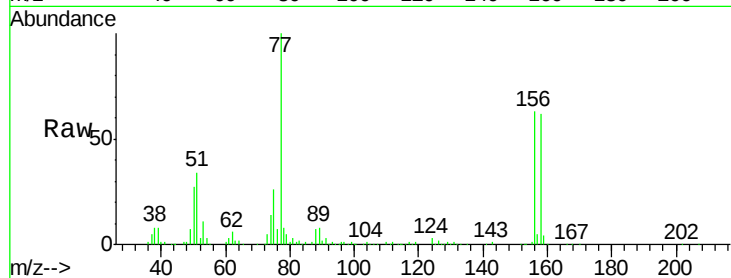
#77
Bromobenzene
Concen: 53.404 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	176.1	92.3	276.9	
158	97.7	47.6	142.9	

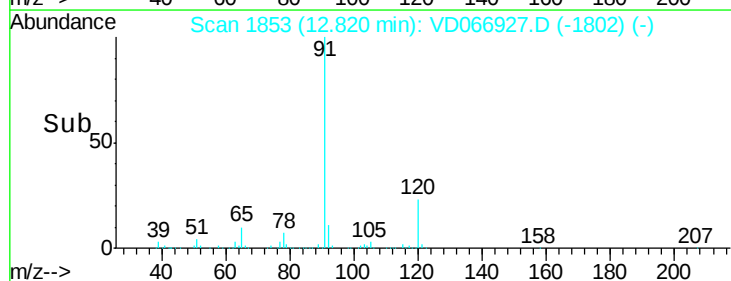
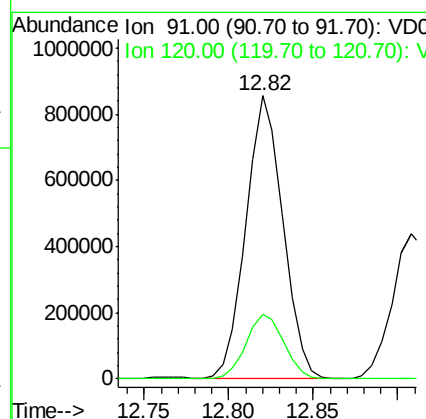
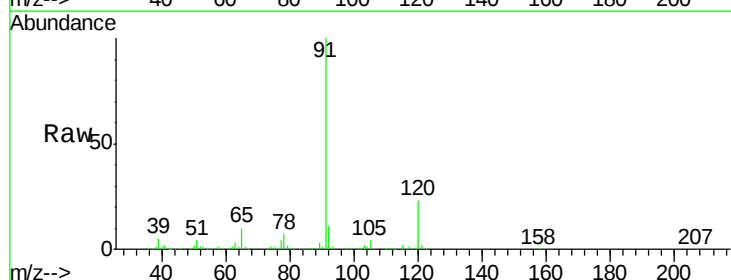
Manual Integrations
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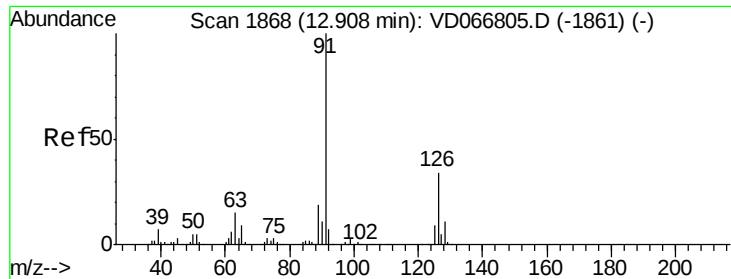
MMDadoda
9/30/2020 1:21:51 PM



#78
n-propylbenzene
Concen: 53.213 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.5	11.4	34.2	





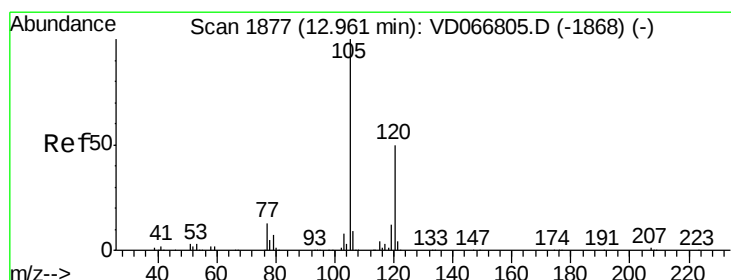
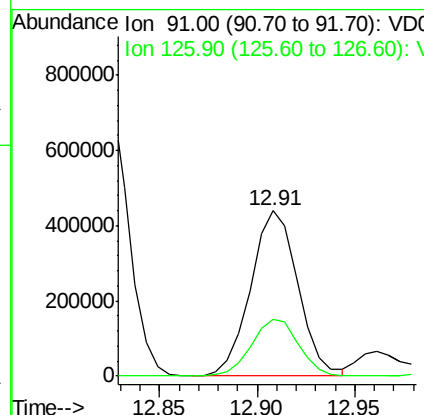
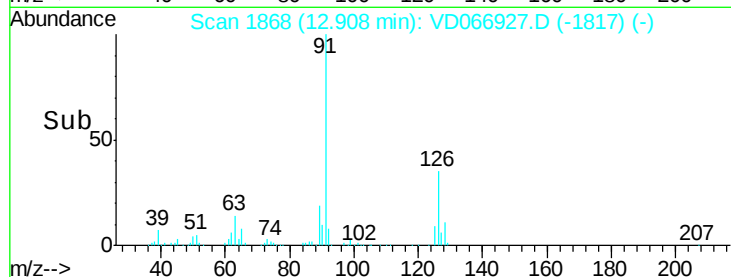
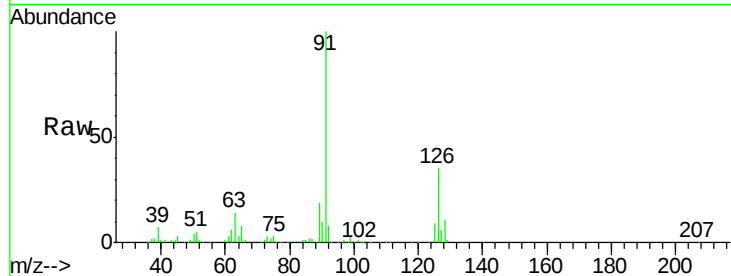
#79
 2-Chlorotoluene
 Concen: 52.654 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tot Ion: 91 Resp: 736192
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.0 51.0

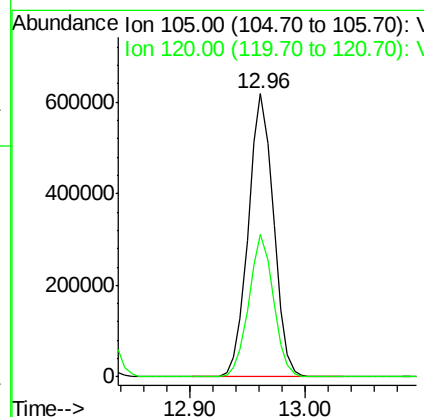
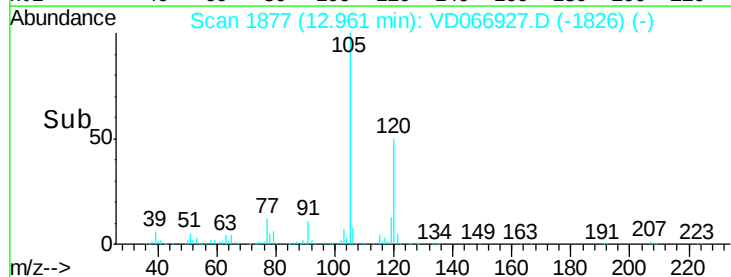
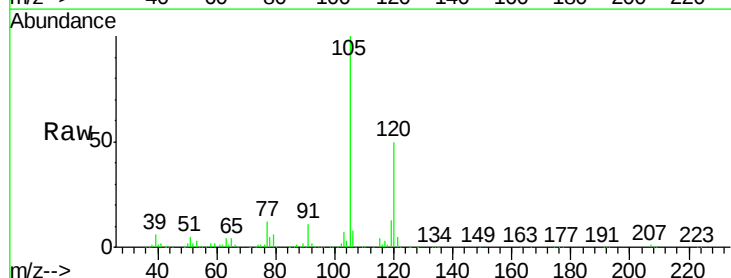
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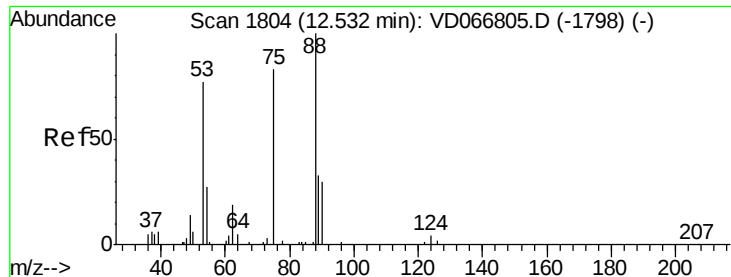
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.254 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion: 105 Resp: 938865
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.4 73.4





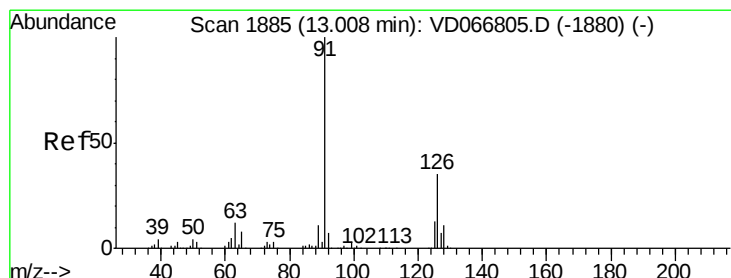
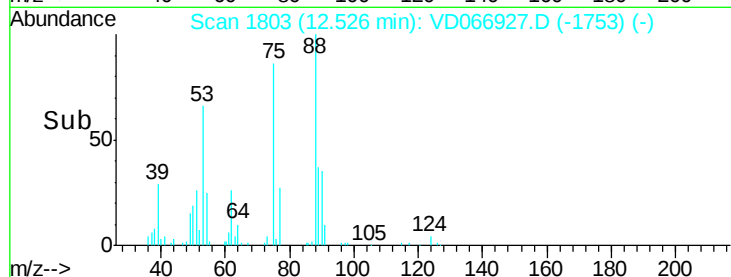
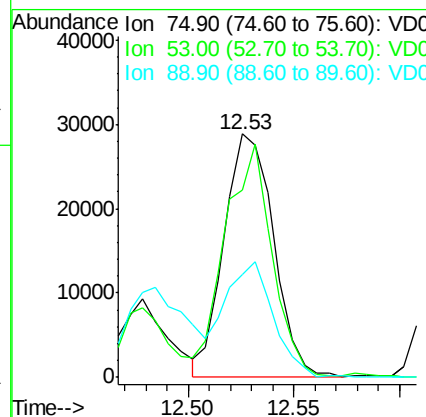
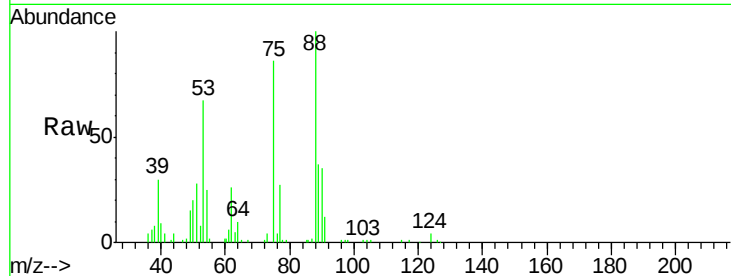
#81
trans-1,4-Dichloro-2-butene
Concen: 50.198 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.2	78.5	117.7
89	46.4	38.1	57.1

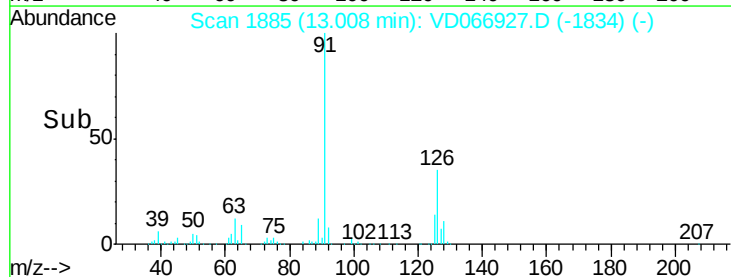
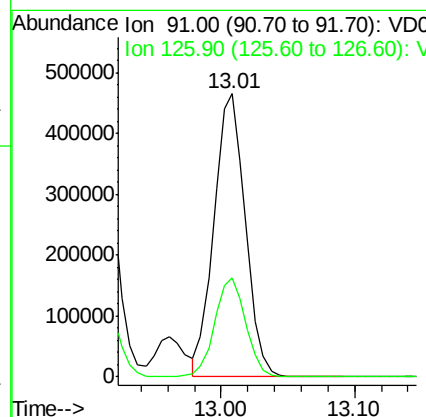
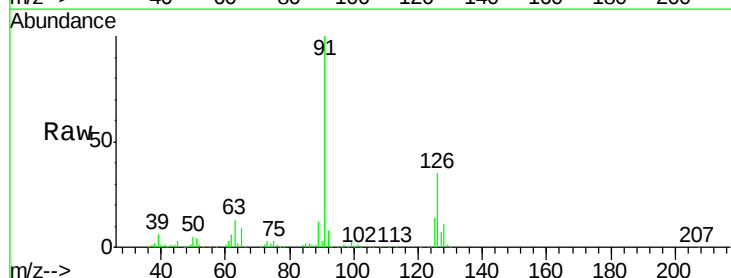
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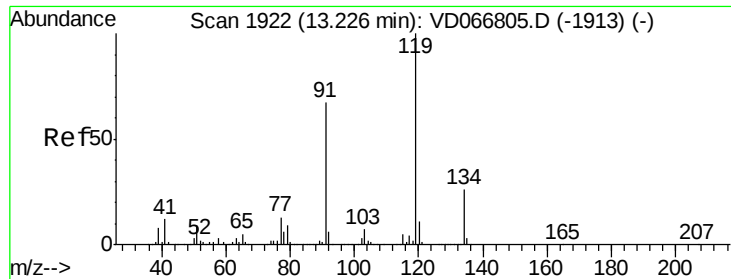
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#82
4-Chlorotoluene
Concen: 51.756 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.1	51.2





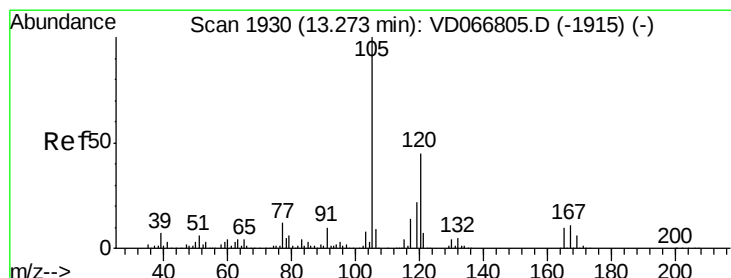
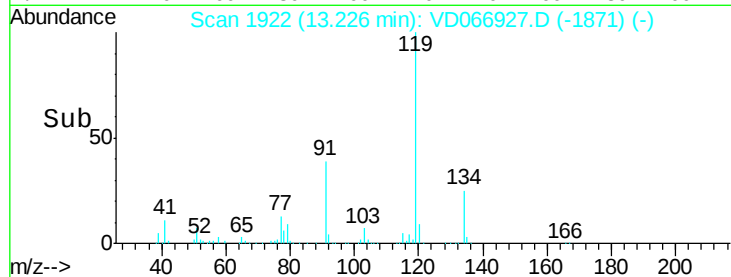
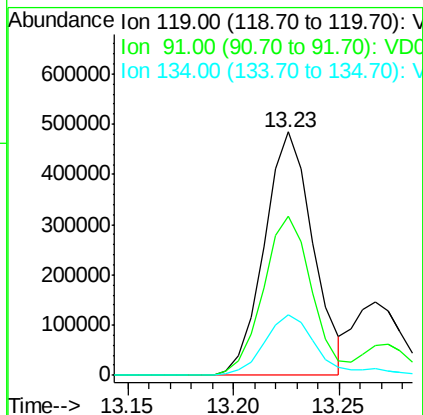
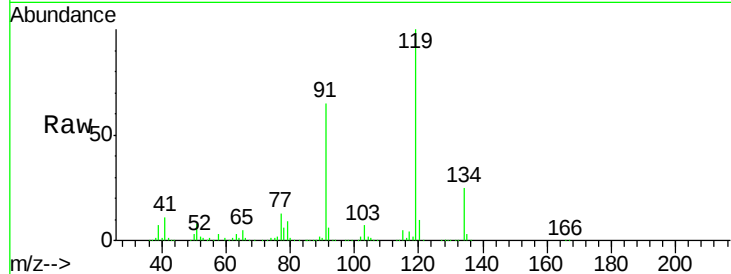
#83
tert-Butylbenzene
Concen: 54.790 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Resp	Lower	Upper
119	100	779107		
91	65.5	33.6	100.8	
134	27.4	13.5	40.4	

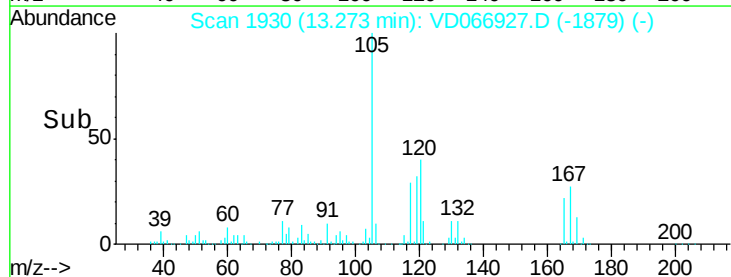
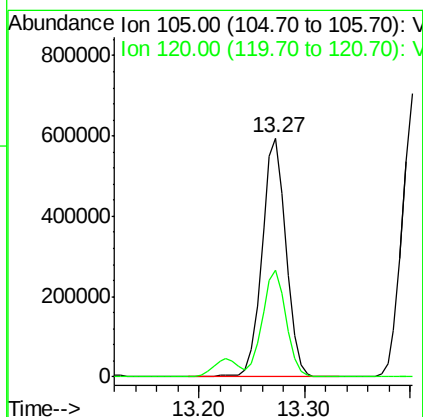
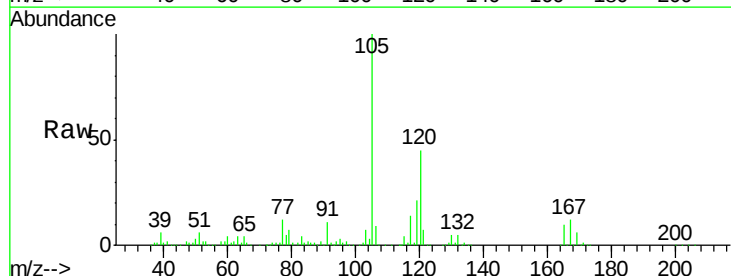
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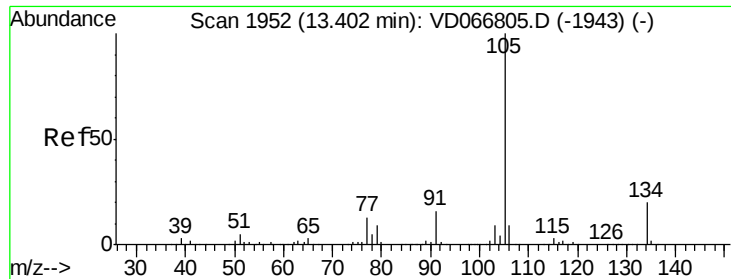
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#84
1,2,4-Trimethylbenzene
Concen: 54.594 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	936819		
120	44.3	22.3	66.9	





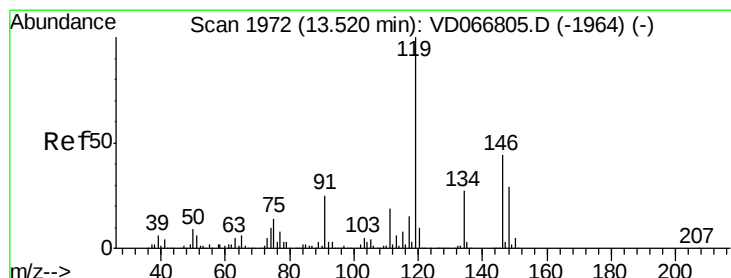
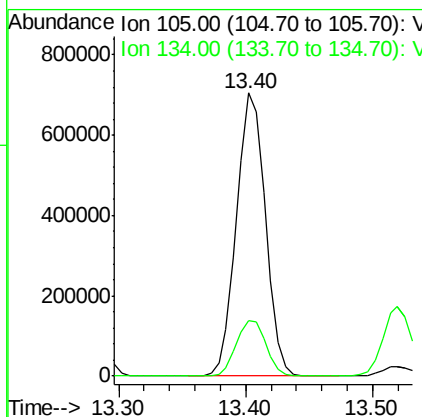
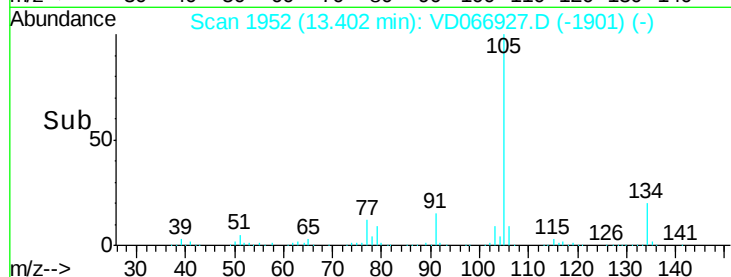
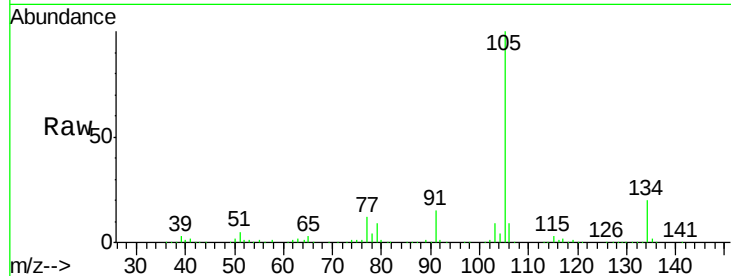
#85
 sec-Butylbenzene
 Concen: 54.582 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tot Ion:105 Resp: 1116104
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6

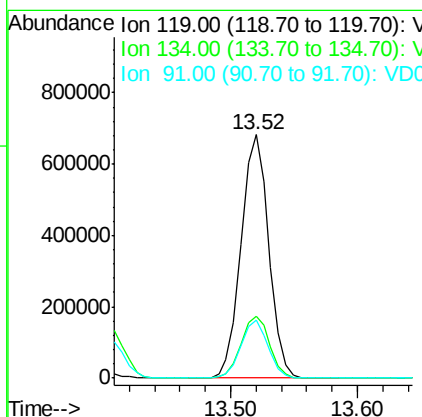
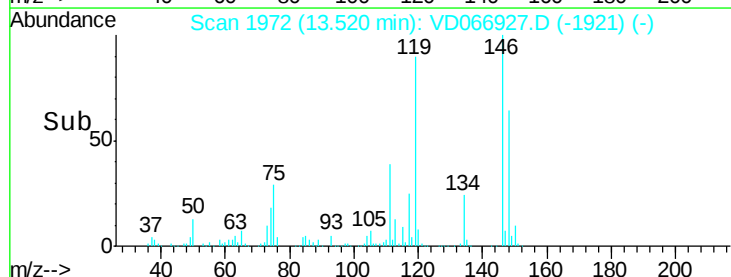
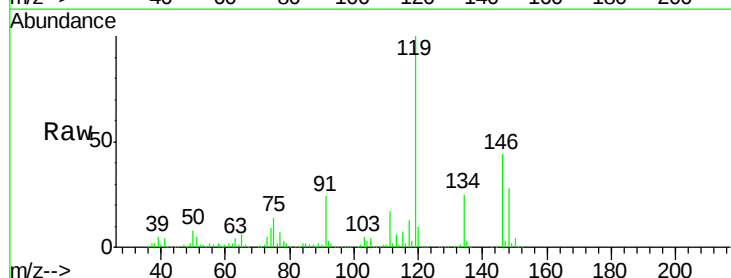
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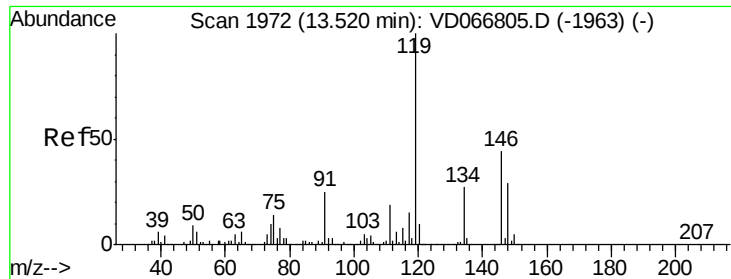
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#86
 p-Isopropyltoluene
 Concen: 55.802 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion:119 Resp: 1028539
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 23.4 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 52.274 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Instrument :

MSVOA_D

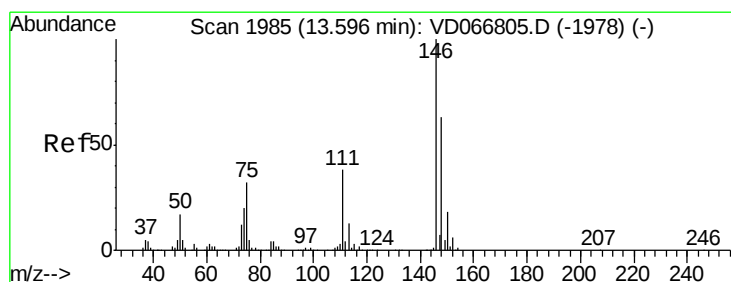
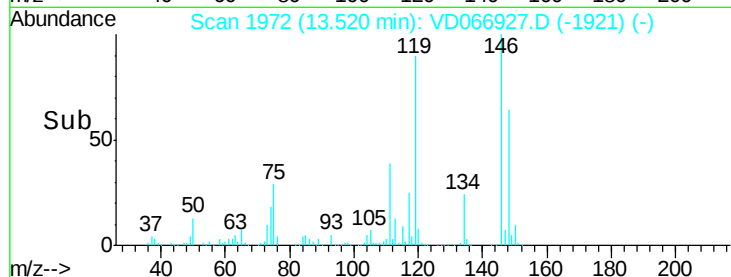
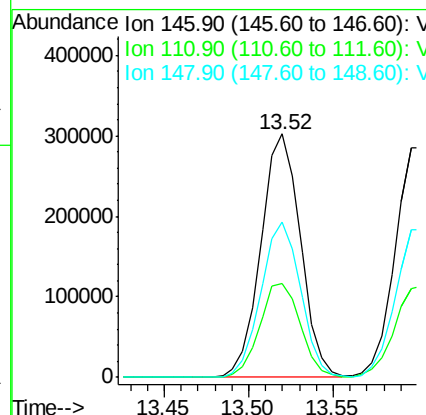
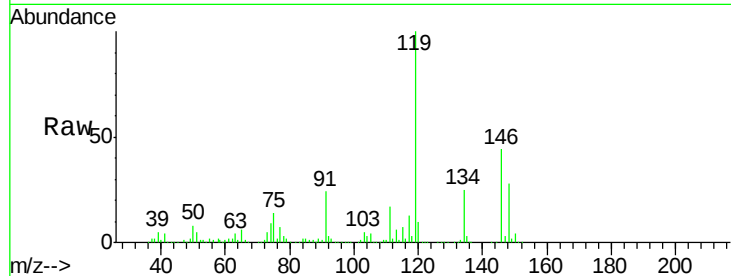
ClientSampleId :

VSTD05006

Tot Ion:	146	Resp:	492601
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.3	60.9
148	64.2	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 51.472 ug/l

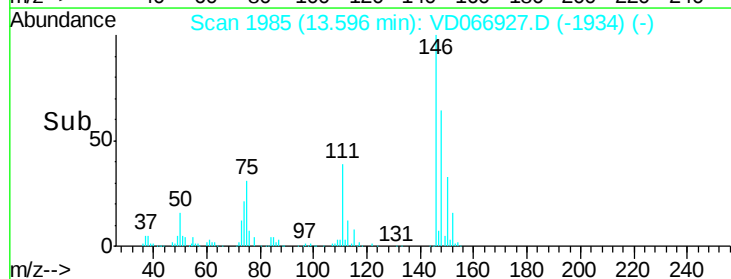
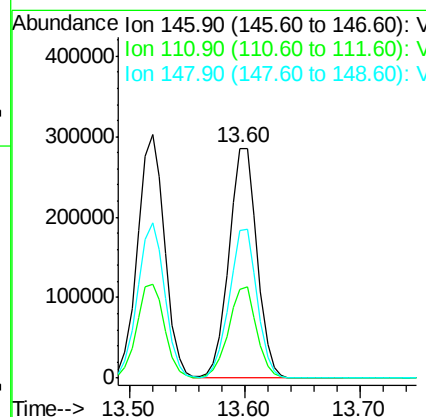
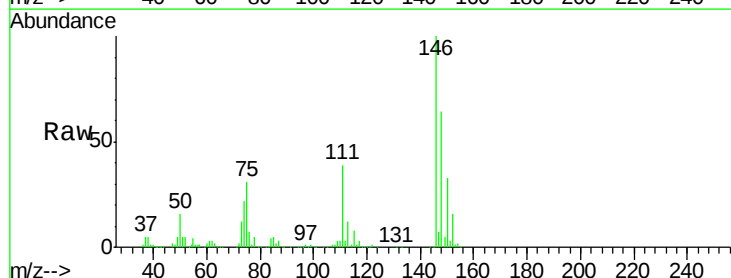
RT: 13.60 min Scan# 1985

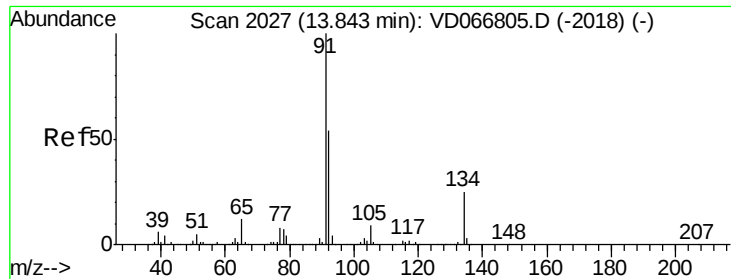
Delta R.T. -0.00 min

Lab File: VD066927.D

Acq: 29 Sep 2020 09:23

Tgt Ion:	146	Resp:	481748
Ion Ratio	Lower	Upper	
146	100		
111	39.4	20.2	60.5
148	64.1	31.6	94.7





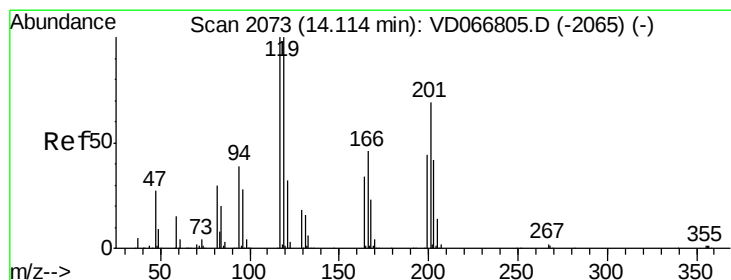
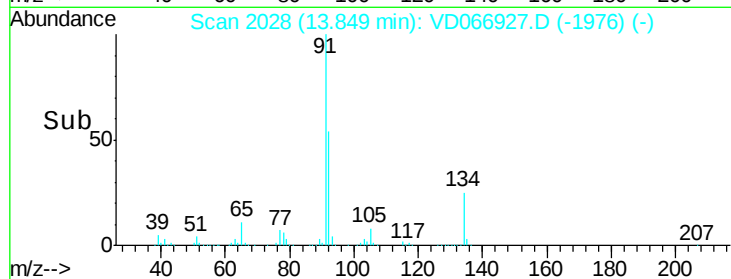
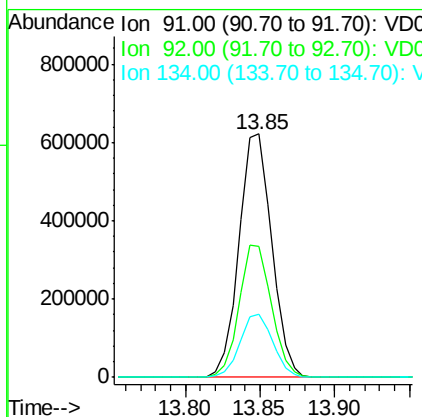
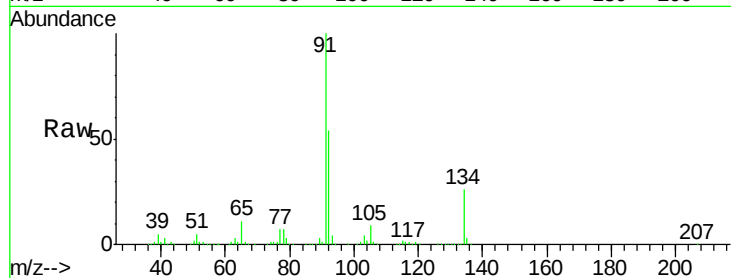
#89
n-Butylbenzene
Concen: 54.134 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.7	80.0
134	25.9	13.1	39.1

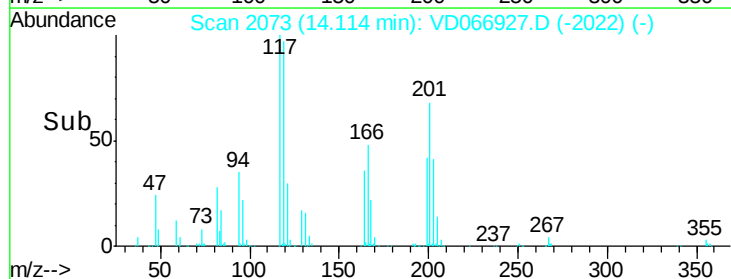
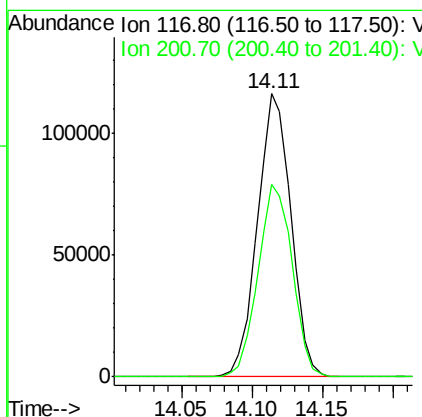
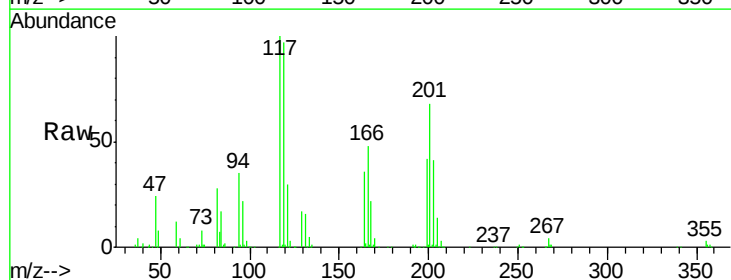
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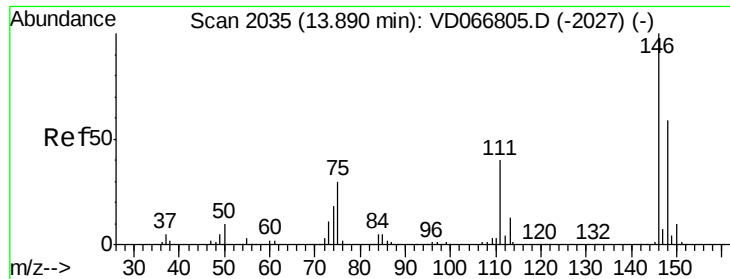
MMDadoda
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#90
Hexachloroethane
Concen: 52.034 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.7	33.7	101.0





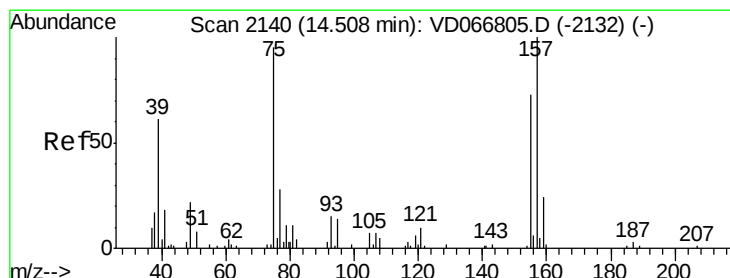
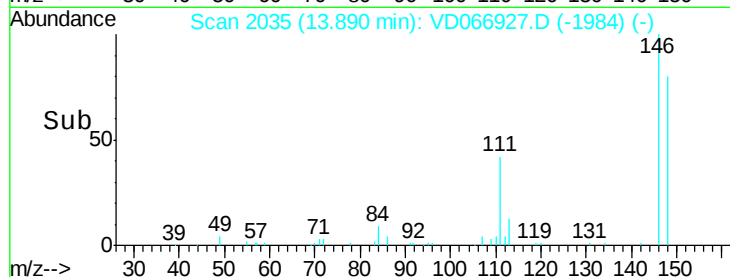
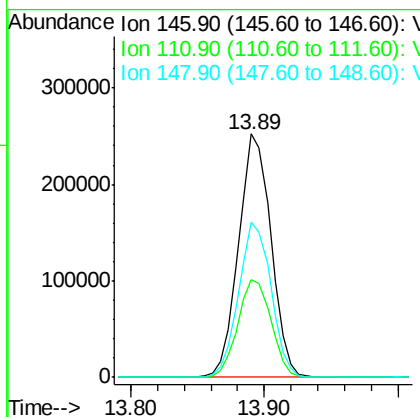
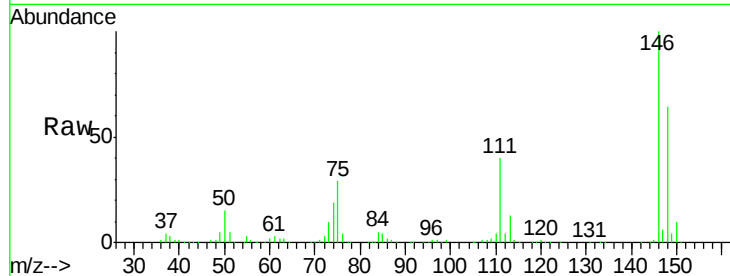
#91
 1,2-Dichlorobenzene
 Concen: 52.575 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.9	62.7
148	63.8	31.8	95.3

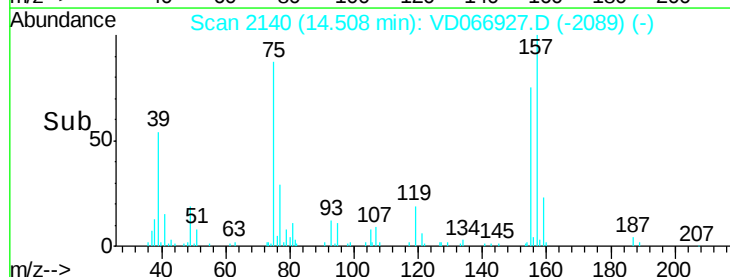
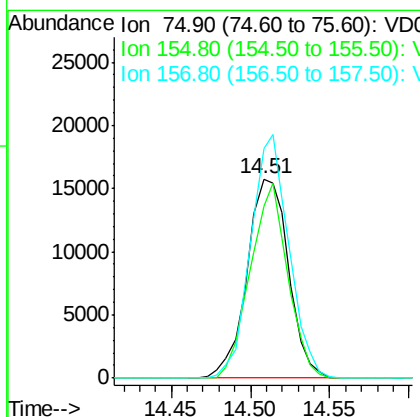
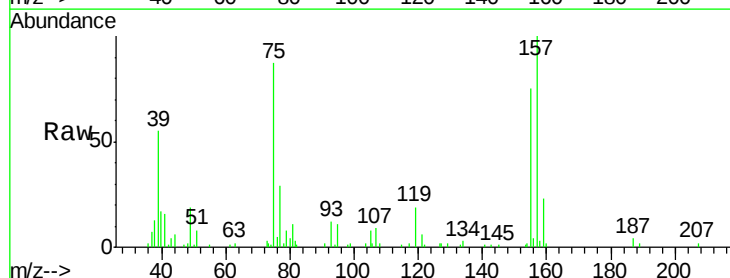
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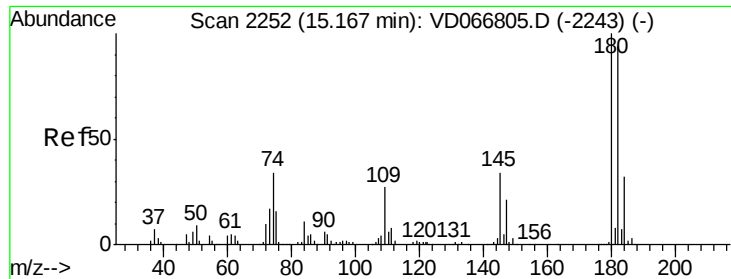
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.706 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	40.4	121.2
157	112.6	51.3	153.9





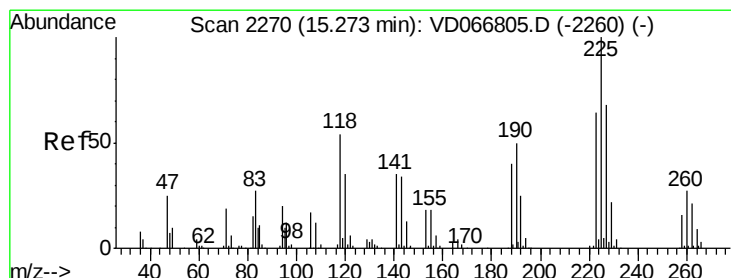
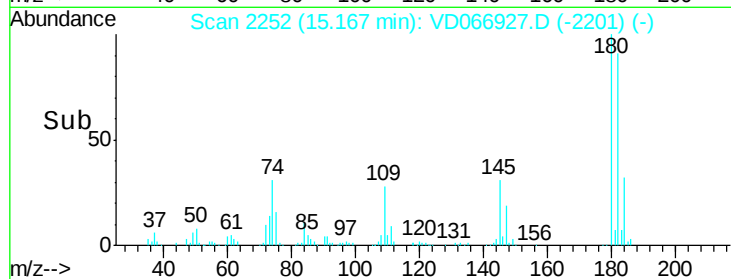
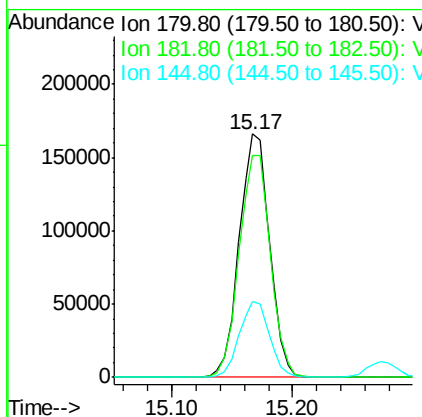
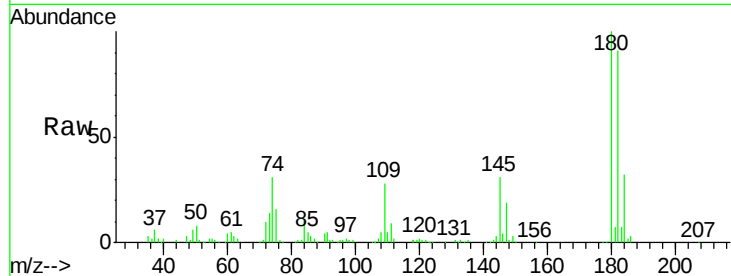
#93
 1,2,4-Trichlorobenzene
 Concen: 57.429 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tot Ion	Ratio	Resp	Lower	Upper
180	100	291464		
182	93.8	48.8	146.3	
145	31.0	16.7	50.0	

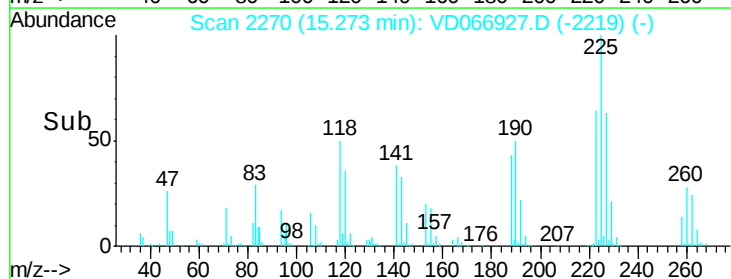
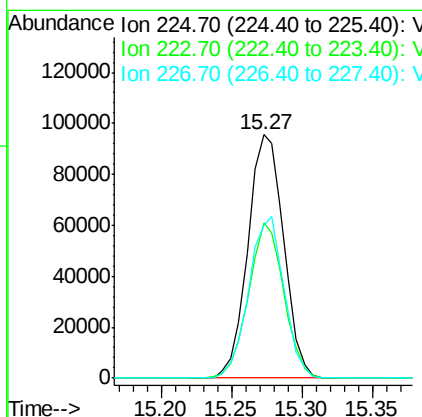
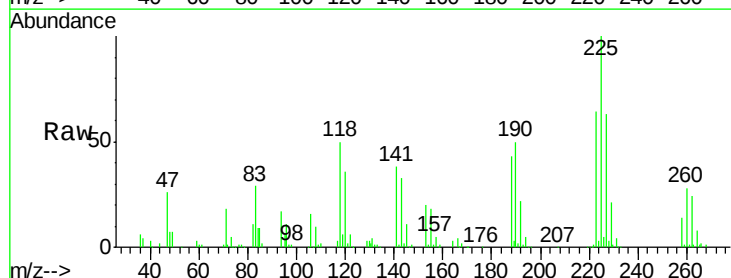
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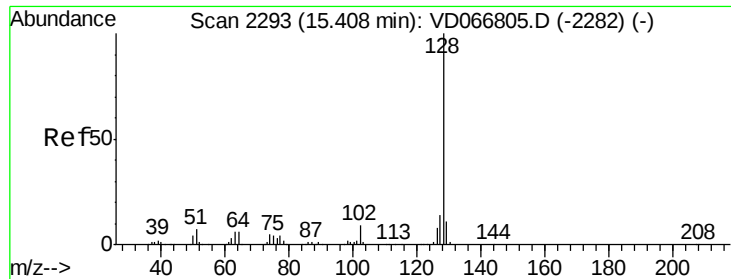
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#94
 Hexachlorobutadiene
 Concen: 56.023 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066927.D
 Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	170384		
223	62.6	31.1	93.3	
227	64.9	31.7	95.1	





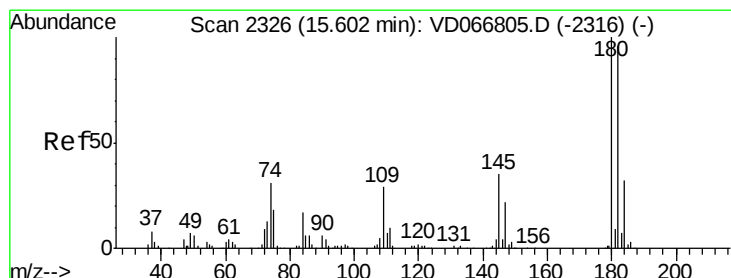
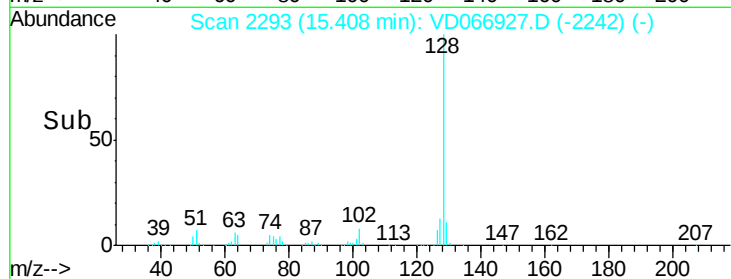
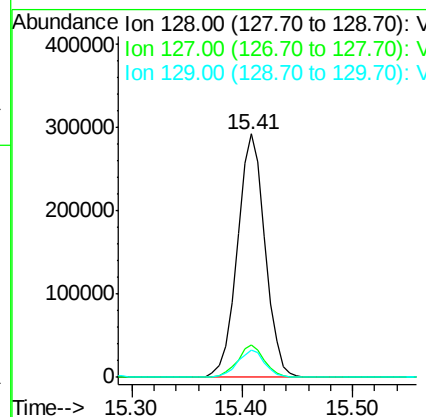
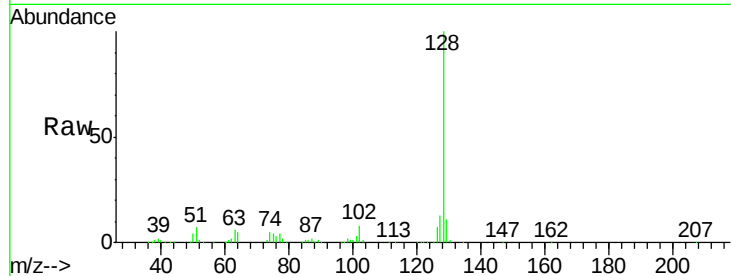
#95
Naphthalene
Concen: 59.452 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tot Ion	Ratio	Resp	Lower	Upper
128	100	512273		
127	12.9		10.6	16.0
129	11.0		8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 56.375 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066927.D
Acq: 29 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	246949		
182	95.5		46.8	140.3
145	34.4		17.0	51.0

