

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066285.D
 Acq On : 18 Aug 2020 18:31
 Operator : VA/SY
 Sample : L3700-03MS
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420MS

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:23:25 PM

Quant Time: Aug 19 07:17:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	221769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	317165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	277944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	128659	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	107091	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
35) Dibromofluoromethane	7.91	113	109388	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
50) Toluene-d8	10.33	98	389234	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.63	95	127643	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	74014	37.881	ug/l	98
3) Chloromethane	2.20	50	59181	38.938	ug/l	95
4) Vinyl Chloride	2.34	62	59325	44.088	ug/l	99
5) Bromomethane	2.76	94	40847	45.754	ug/l	91
6) Chloroethane	2.91	64	38353	46.433	ug/l #	88
7) Trichlorofluoromethane	3.27	101	163954	46.736	ug/l	99
8) Diethyl Ether	3.71	74	46298	46.772	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	91488	43.944	ug/l	97
10) Methyl Iodide	4.29	142	81742	44.048	ug/l	98
11) Tert butyl alcohol	5.23	59	26180	164.162	ug/l	100
12) 1,1-Dichloroethene	4.07	96	85561	43.564	ug/l	96
13) Acrolein	3.91	56	6204	39.394	ug/l	96
14) Allyl chloride	4.71	41	128788	43.284	ug/l	94
15) Acrylonitrile	5.42	53	88090	211.187	ug/l	100
16) Acetone	4.15	43	69848	186.058	ug/l	99
17) Carbon Disulfide	4.40	76	227814	36.481	ug/l	95
18) Methyl Acetate	4.71	43	86453	90.664	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	213050	47.327	ug/l	99
20) Methylene Chloride	4.96	84	148834	70.993	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	99171	43.955	ug/l	97
22) Diisopropyl ether	6.36	45	255148	43.363	ug/l	96
23) Vinyl Acetate	6.30	43	44677m	12.961	ug/l	
24) 1,1-Dichloroethane	6.26	63	172877	47.476	ug/l	99
25) 2-Butanone	7.21	43	100863	182.671	ug/l	100
26) 2,2-Dichloropropane	7.21	77	148315	45.445	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	114046	48.192	ug/l	97
28) Bromochloromethane	7.54	49	64810	50.675	ug/l	96
29) Tetrahydrofuran	7.56	42	67355	196.889	ug/l	95
30) Chloroform	7.71	83	193217	50.533	ug/l	100
31) Cyclohexane	7.98	56	125860	36.310	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	180242	50.277	ug/l	99
36) 1,1-Dichloropropene	8.10	75	130795	43.885	ug/l	100
37) Ethyl Acetate	7.29	43	39630	33.560	ug/l	99
38) Carbon Tetrachloride	8.09	117	163627	49.232	ug/l	94

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	127921	35.506	ug/l	94
40) Benzene	8.34	78	386796	46.783	ug/l	98
41) Methacrylonitrile	7.53	41	28925	41.660	ug/l	97
42) 1,2-Dichloroethane	8.42	62	122491	50.431	ug/l	98
43) Isopropyl Acetate	8.45	43	87076	37.425	ug/l	97
44) Trichloroethene	9.11	130	115831	46.493	ug/l	98
45) 1,2-Dichloropropane	9.38	63	96379	47.663	ug/l	93
46) Dibromomethane	9.47	93	53163	47.730	ug/l	98
47) Bromodichloromethane	9.66	83	148755	50.532	ug/l	99
48) Methyl methacrylate	9.45	41	56040	47.170	ug/l #	84
49) 1,4-Dioxane	9.46	88	12324	861.228	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	251195	210.186	ug/l	98
52) Toluene	10.40	92	257569	47.344	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	127313	45.571	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	154444	47.185	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	74864	46.678	ug/l	97
56) Ethyl methacrylate	10.66	69	66688	34.613	ug/l	96
57) 1,3-Dichloropropane	10.94	76	122041	45.835	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	222240	256.436	ug/l	99
59) 2-Hexanone	10.98	43	166288	198.257	ug/l	98
60) Dibromochloromethane	11.14	129	104771	47.317	ug/l	98
61) 1,2-Dibromoethane	11.24	107	69333	44.950	ug/l	99
64) Tetrachloroethene	10.87	164	98066	45.947	ug/l	93
65) Chlorobenzene	11.67	112	270469	47.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	116491	52.766	ug/l	97
67) Ethyl Benzene	11.74	91	470303	48.100	ug/l	96
68) m/p-Xylenes	11.85	106	360752	95.229	ug/l	97
69) o-Xylene	12.18	106	167064	48.479	ug/l	97
70) Styrene	12.19	104	293862	48.658	ug/l	98
71) Bromoform	12.36	173	64063	48.978	ug/l #	98
73) Isopropylbenzene	12.48	105	449375	52.324	ug/l	100
74) N-amyl acetate	12.28	43	40951	21.653	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	74519	50.885	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	55181m	51.430	ug/l	
77) Bromobenzene	12.76	156	115383	52.191	ug/l	99
78) n-propylbenzene	12.82	91	490021	49.084	ug/l	100
79) 2-Chlorotoluene	12.91	91	289289	50.665	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	366788	51.067	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	23261	47.925	ug/l	92
82) 4-Chlorotoluene	13.00	91	298436	49.513	ug/l	99
83) tert-Butylbenzene	13.23	119	318781	50.468	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	365331	50.825	ug/l	100
85) sec-Butylbenzene	13.40	105	388518	45.557	ug/l	99
86) p-Isopropyltoluene	13.52	119	365533	45.700	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	198273	47.718	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	196522	47.425	ug/l	99
89) n-Butylbenzene	13.84	91	286447	39.971	ug/l	99
90) Hexachloroethane	14.11	117	74722	46.840	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	175502	47.760	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12967	51.519	ug/l	99

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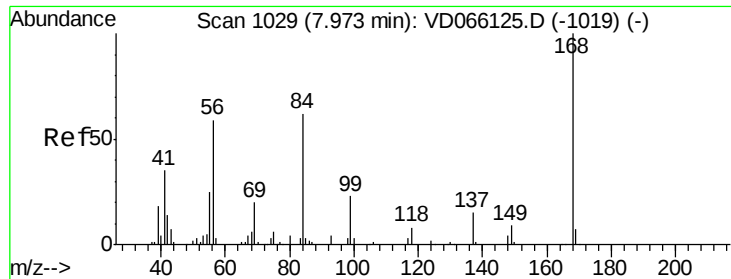
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	95091	35.115	ug/l	100
94) Hexachlorobutadiene	15.27	225	46069	28.890	ug/l	99
95) Naphthalene	15.41	128	175268	39.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	81129	33.937	ug/l	99

(#) = 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. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion:168 Resp: 221769

Ion Ratio Lower Upper

168 100

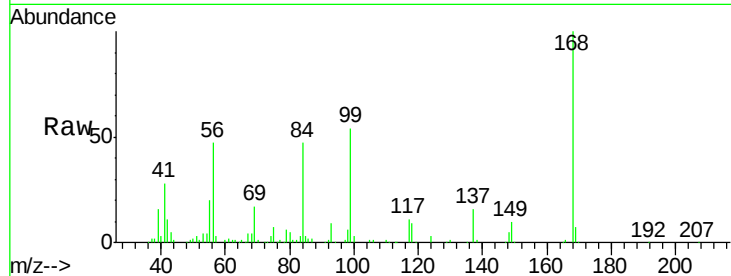
99 53.5 42.2 63.4

Manual Integrations

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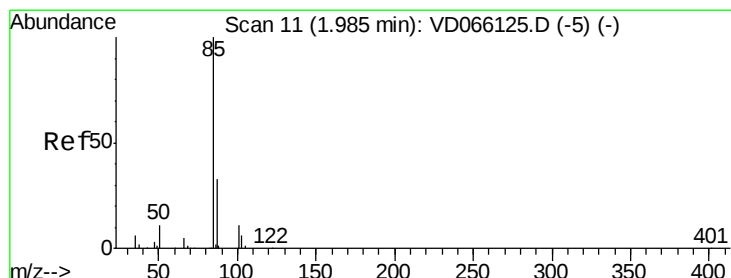
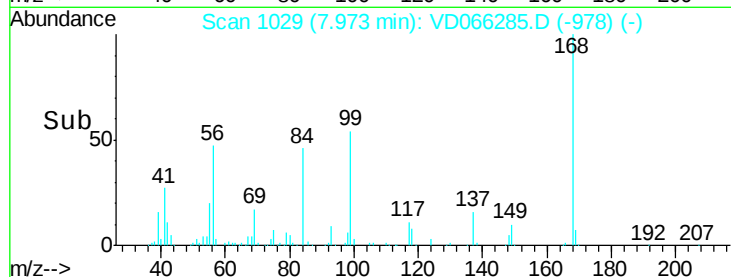
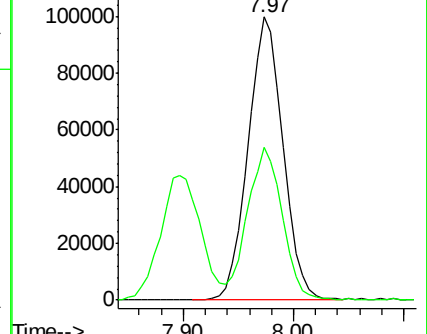
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 37.881 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066285.D

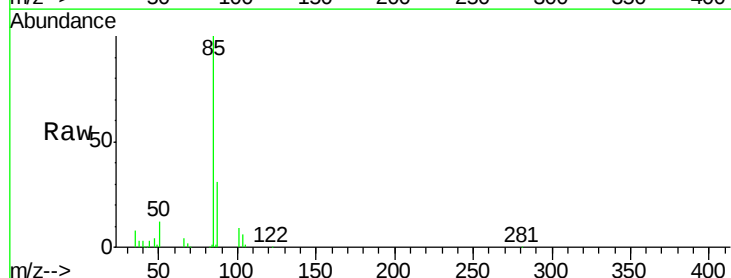
Acq: 18 Aug 2020 18:31

Tgt Ion: 85 Resp: 74014

Ion Ratio Lower Upper

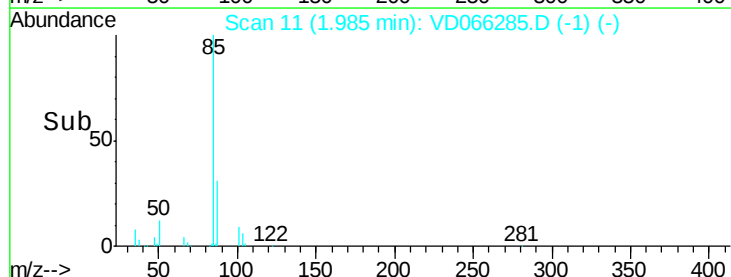
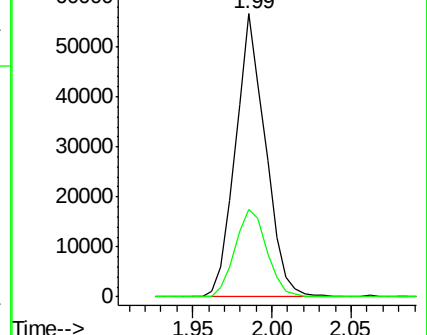
85 100

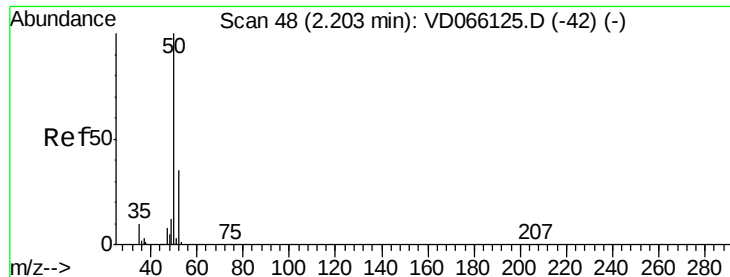
87 31.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 38.938 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion: 50 Resp: 59181

Ion Ratio Lower Upper

50 100

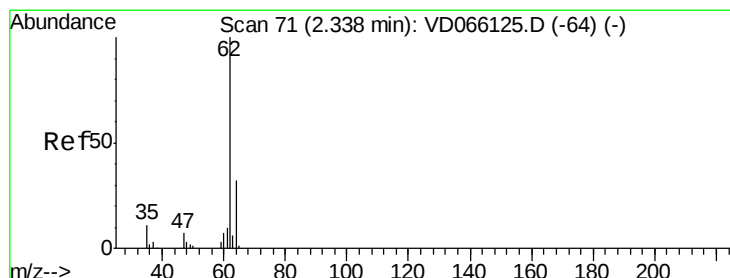
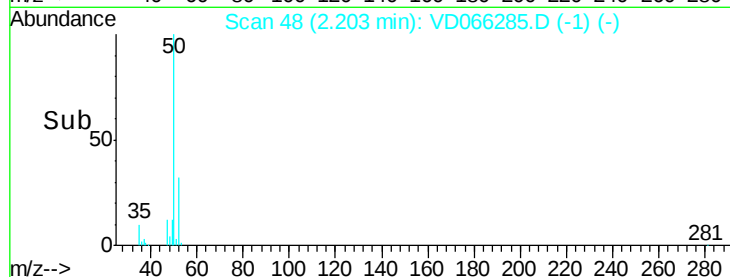
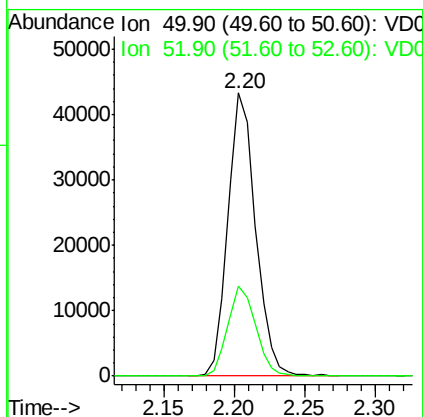
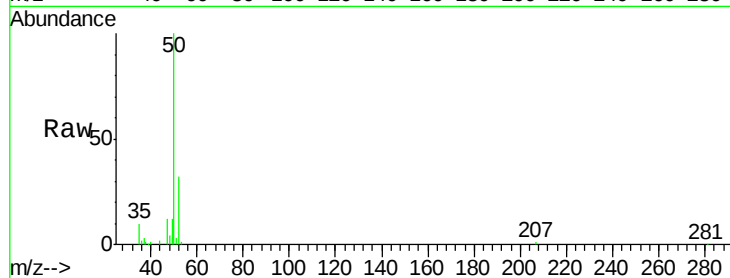
52 32.1 27.9 41.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.088 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066285.D

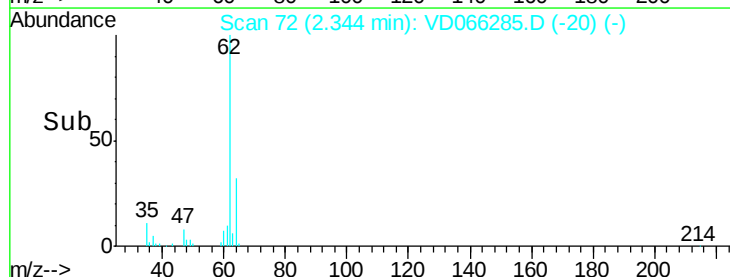
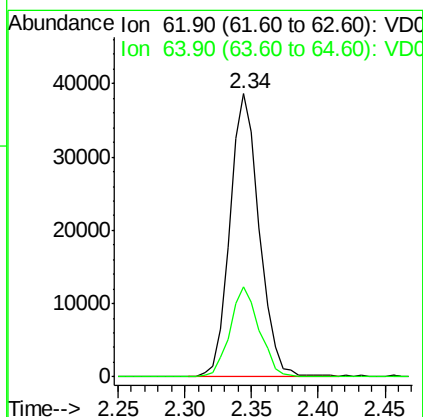
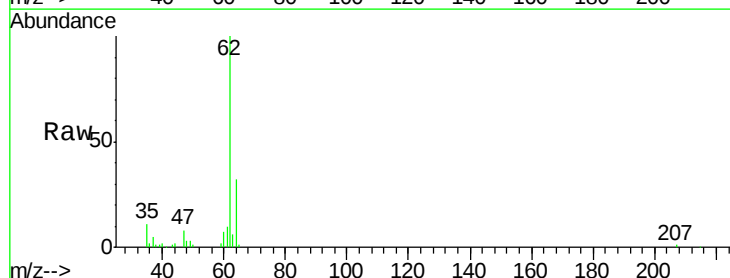
Acq: 18 Aug 2020 18:31

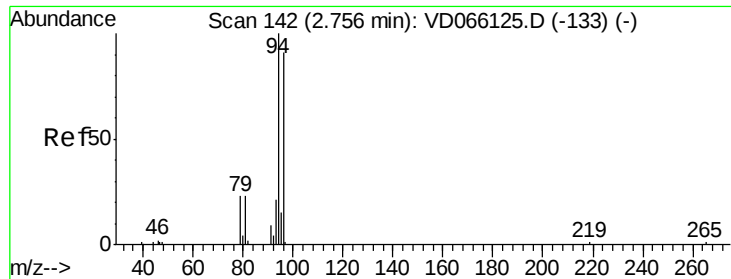
Tgt Ion: 62 Resp: 59325

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 45.754 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion: 94 Resp: 40847

Ion Ratio Lower Upper

94 100

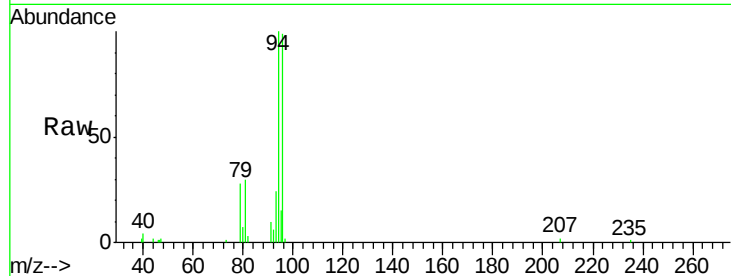
96 99.4 72.6 109.0

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

20000

15000

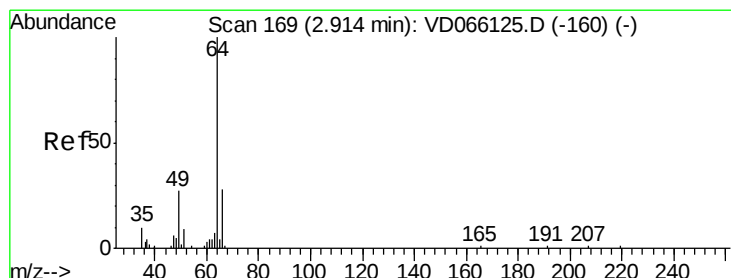
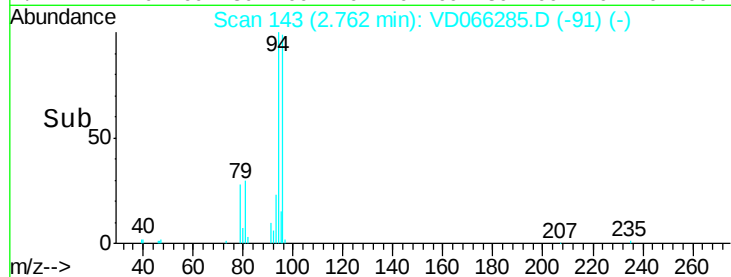
10000

5000

0

2.70 2.75 2.80 2.85

Time-->



#6

Chloroethane

Concen: 46.433 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066285.D

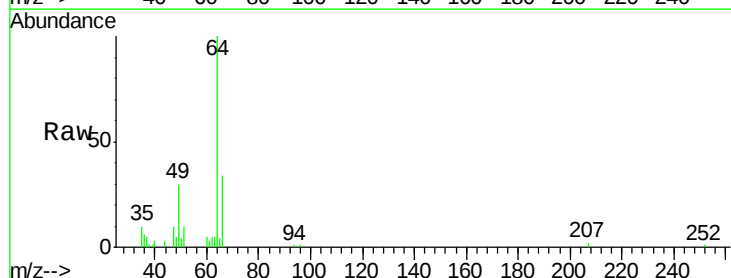
Acq: 18 Aug 2020 18:31

Tgt Ion: 64 Resp: 38353

Ion Ratio Lower Upper

64 100

66 34.0 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

20000

15000

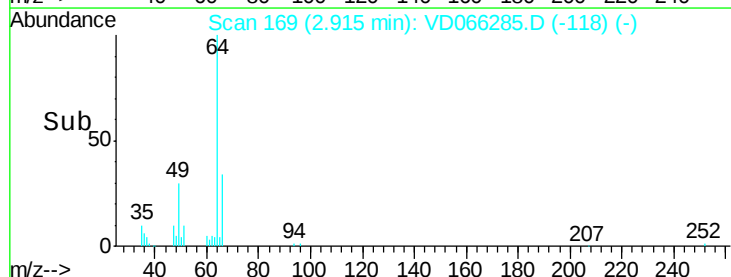
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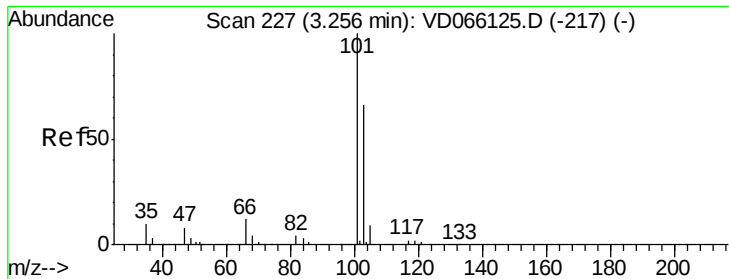
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0

2.85 2.90 2.95 3.00

Time-->





#7

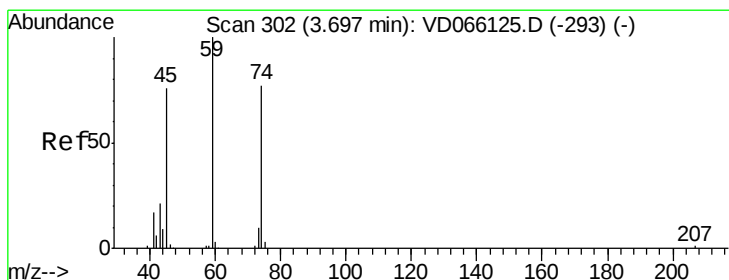
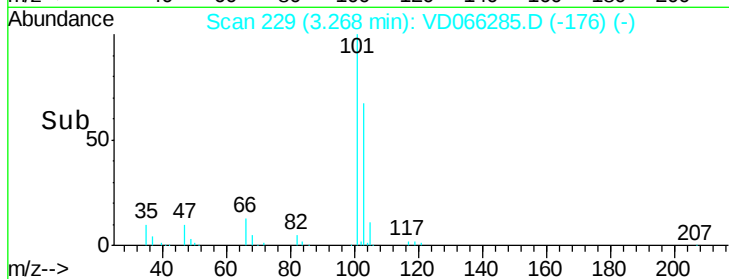
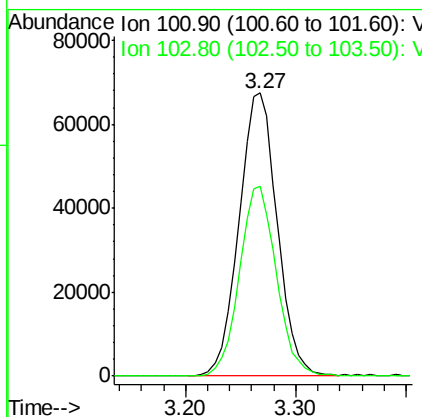
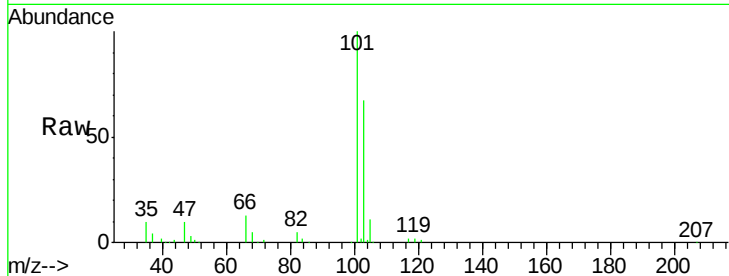
Trichlorofluoromethane
Concen: 46.736 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.01 min
Lab File: VD066285.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	163954		
103	67.3	53.0	79.6	

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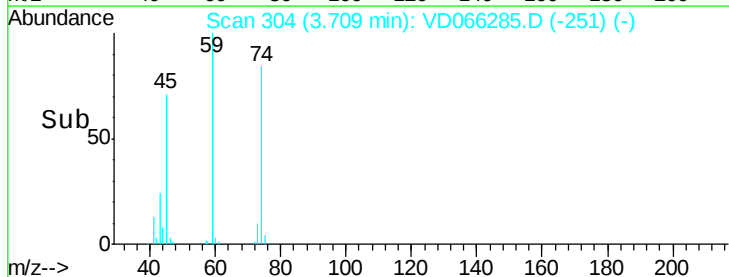
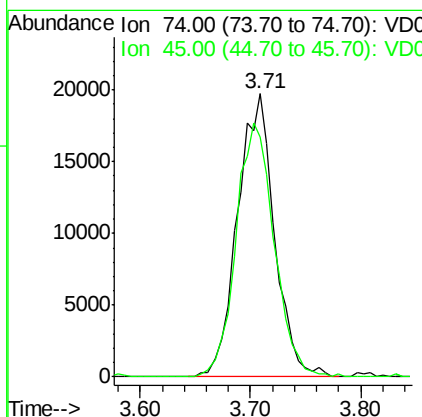
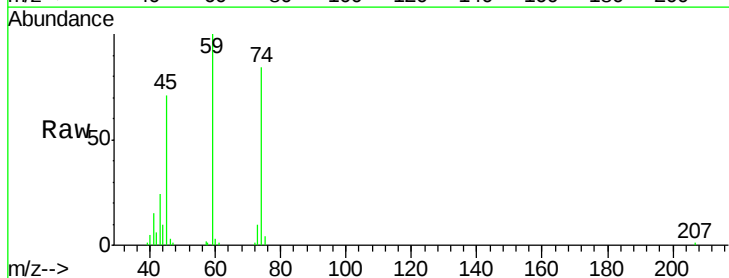
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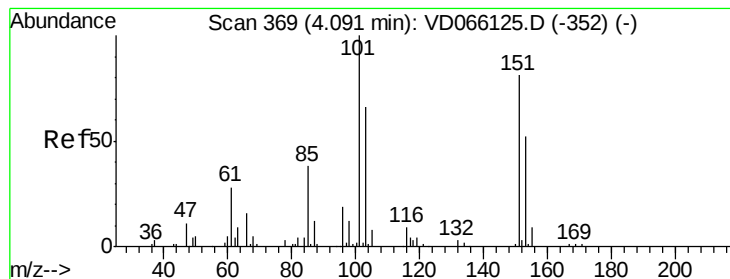


#8

Diethyl Ether
Concen: 46.772 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	46298		
45	92.7	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.944 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

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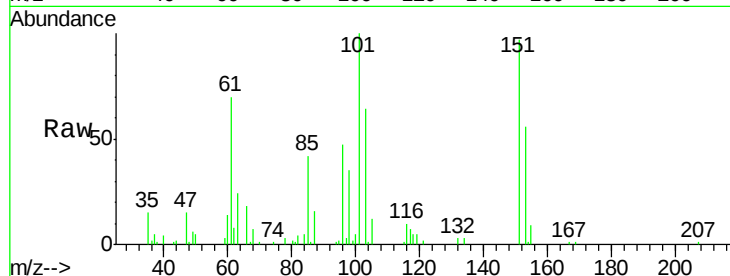
ClientSampleId :

S406-K-SO-1-1.5-081420MS

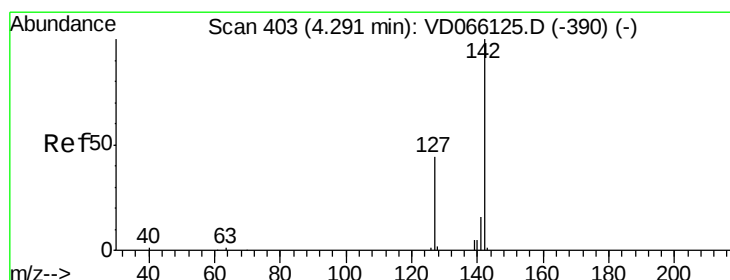
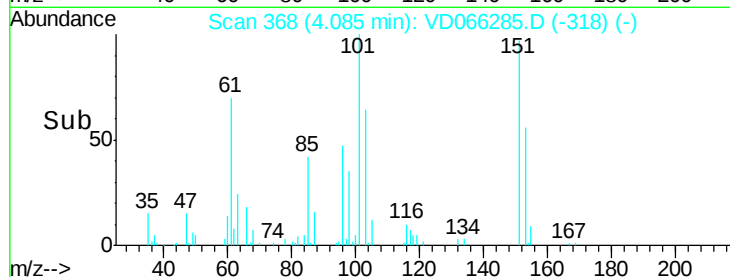
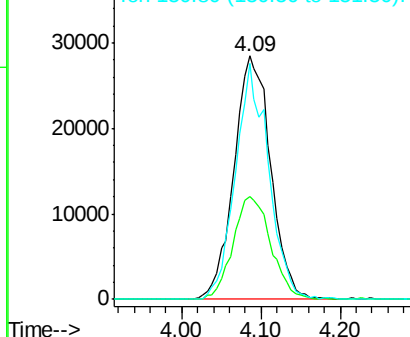
Tot Ion:	101	Resp:	91488
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.5	50.3
151	87.4	67.8	101.8

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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: 44.048 ug/l

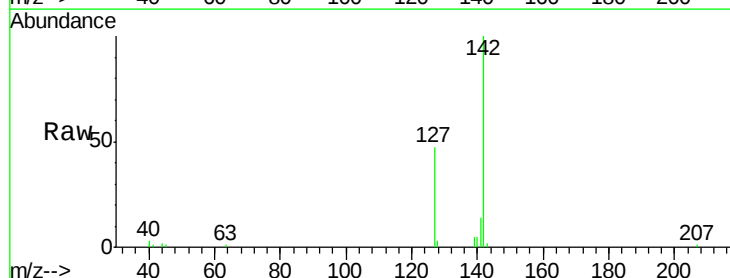
RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

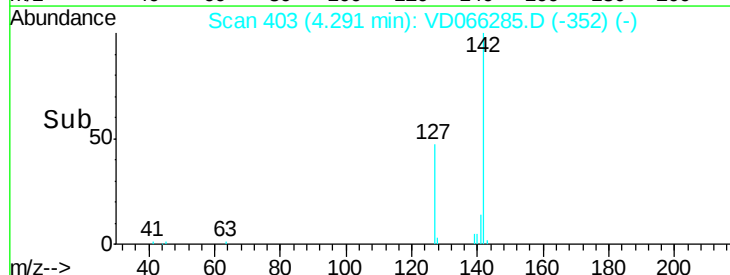
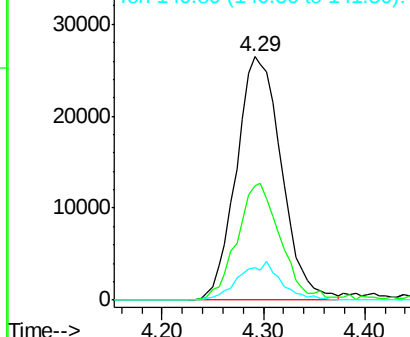
Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Tgt Ion:	142	Resp:	81742
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.2	54.4
141	14.5	12.6	18.8



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

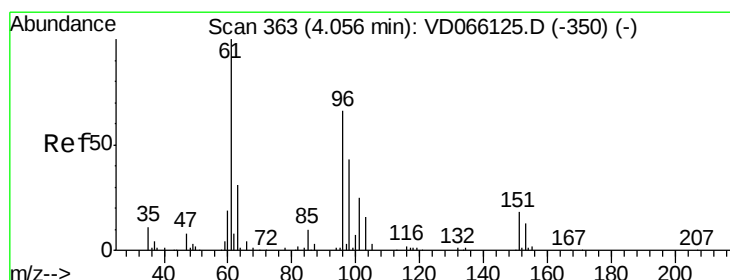
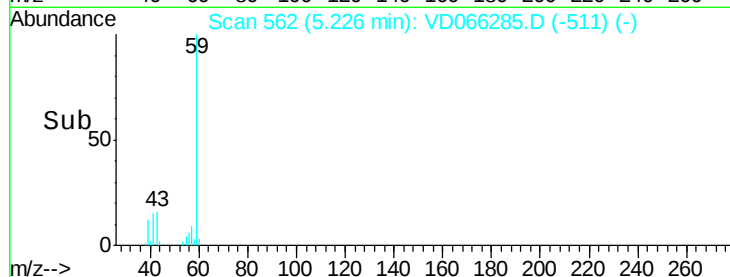
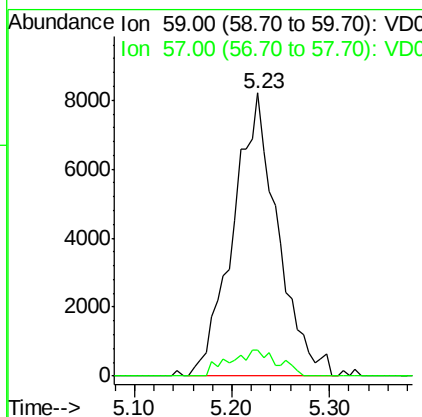
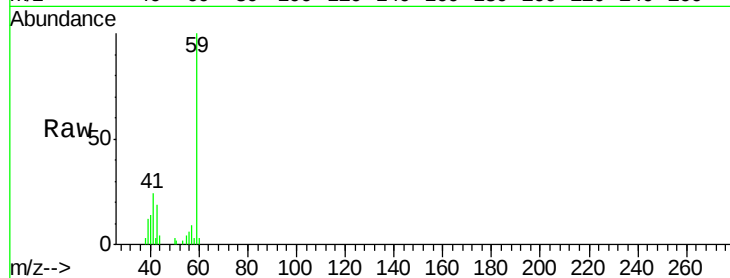
Tert butyl alcohol
 Concen: 164.162 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Resp	Lower	Upper
59	100	26180		
57	8.6		7.0	10.4

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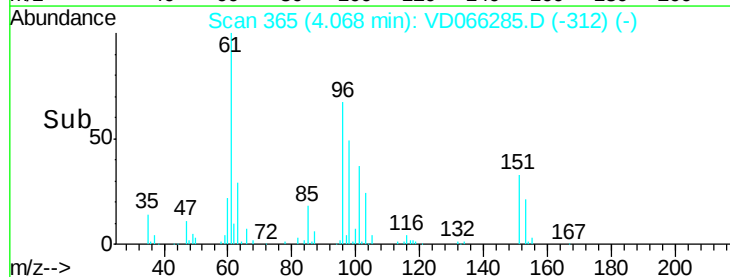
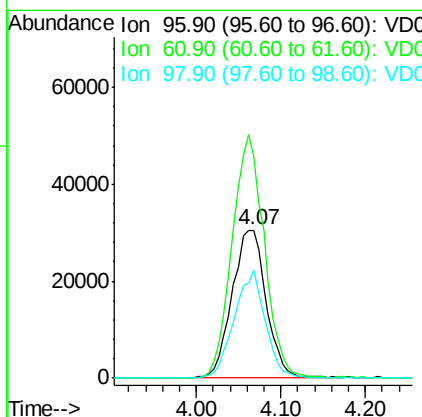
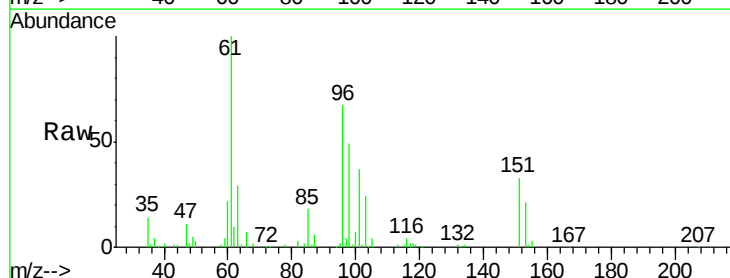
MMDadoda
 8/19/2020 5:23:25 PM

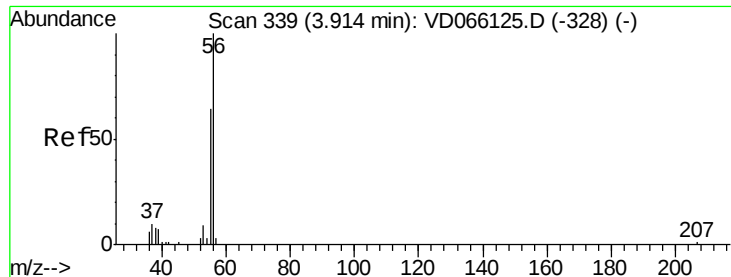


#12

1,1-Dichloroethene
 Concen: 43.564 ug/l
 RT: 4.07 min Scan# 363
 Delta R.T. 0.01 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	85561		
61	150.1		121.6	182.4
98	73.1		52.0	78.0





#13

Acrolein

Concen: 39.394 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion: 56 Resp: 6204

Ion Ratio Lower Upper

56 100

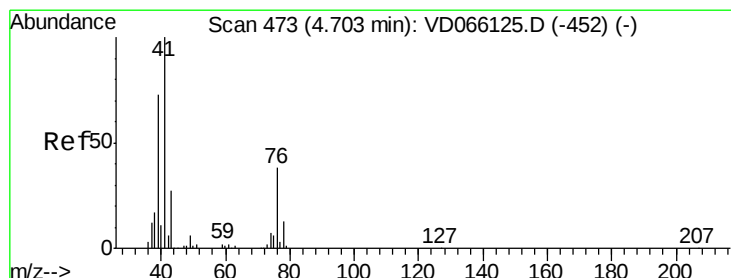
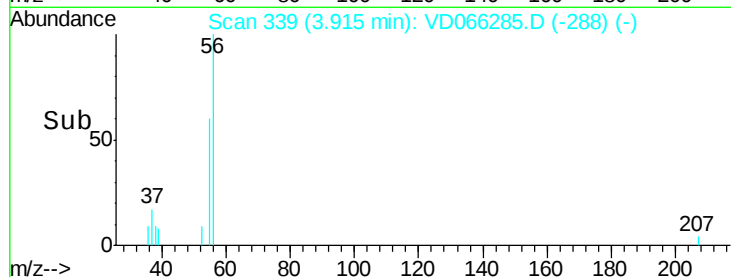
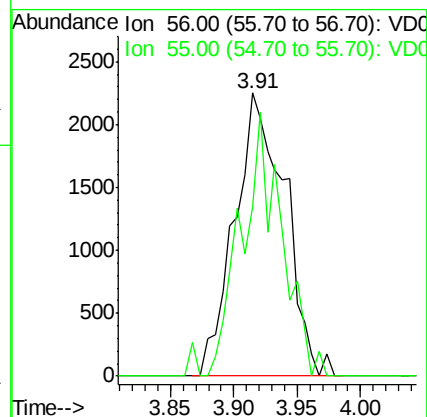
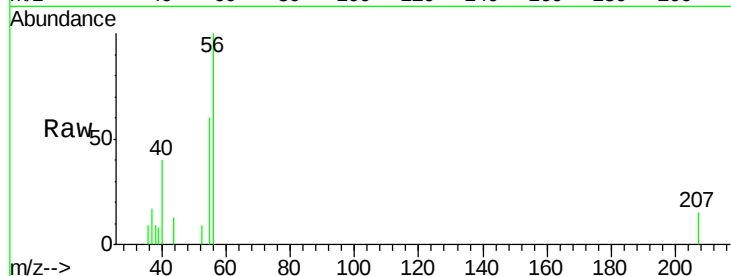
55 74.3 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 43.284 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

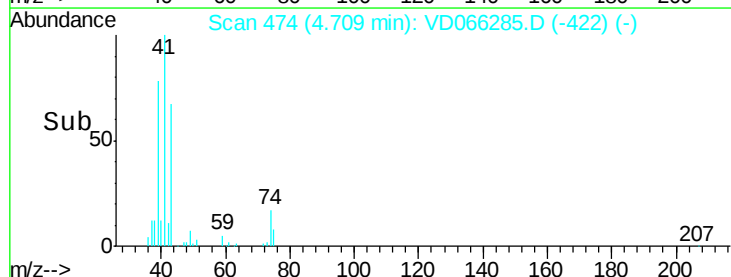
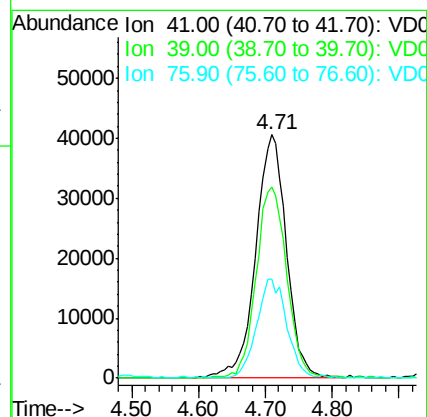
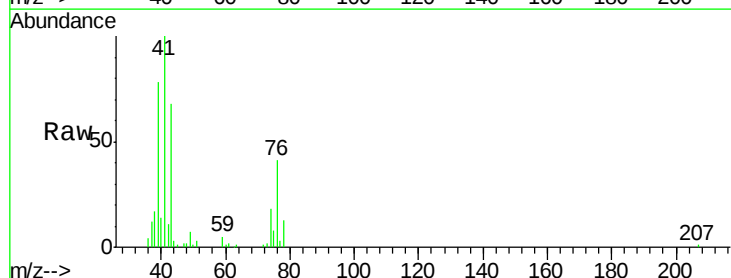
Tgt Ion: 41 Resp: 128788

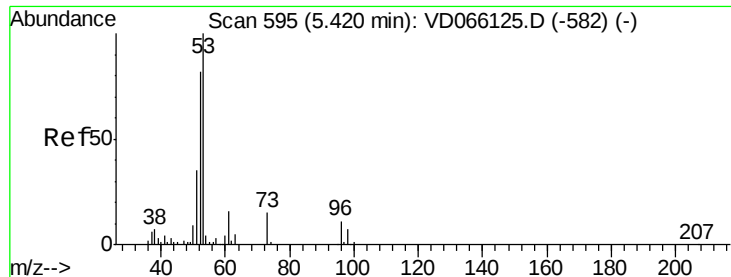
Ion Ratio Lower Upper

41 100

39 77.6 57.4 86.0

76 39.6 30.1 45.1





#15

Acrylonitrile

Concen: 211.187 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

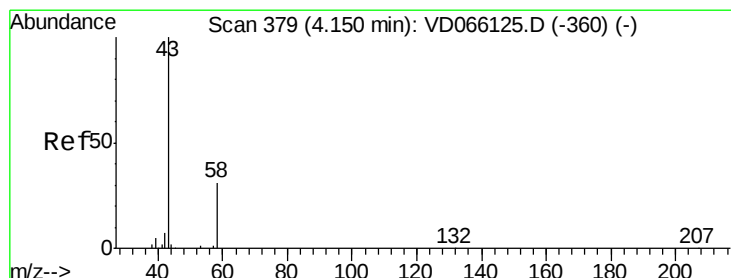
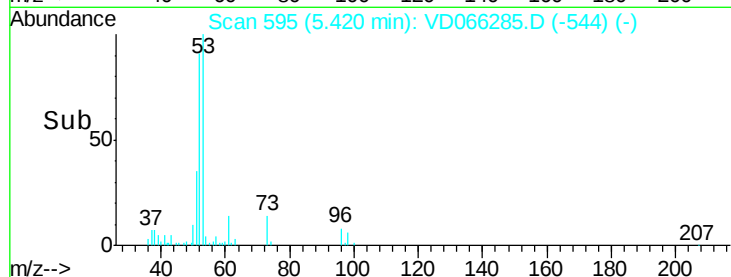
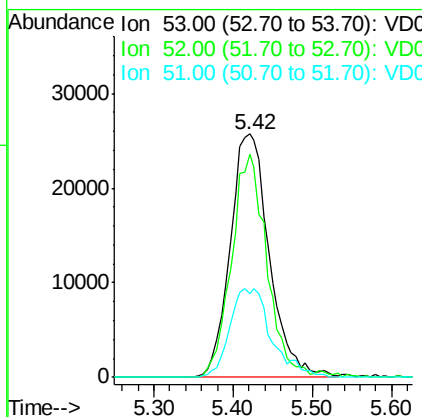
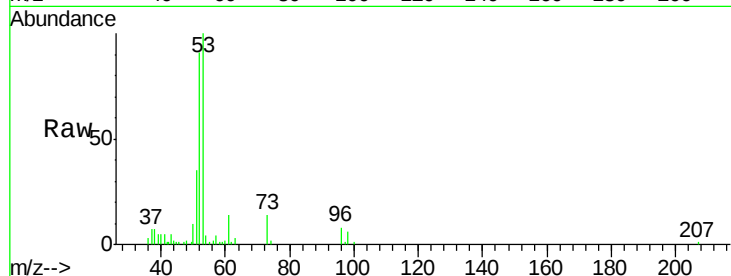
ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion:	53	Resp:	88090
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.1	99.1
51	38.7	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 186.058 ug/l

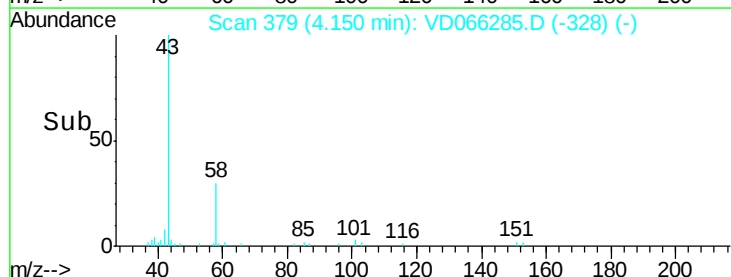
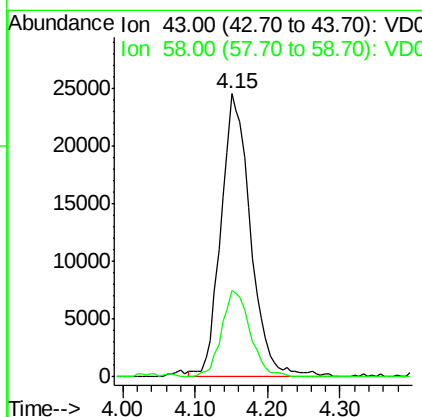
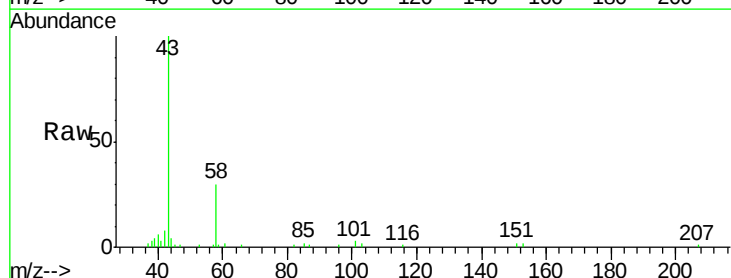
RT: 4.15 min Scan# 379

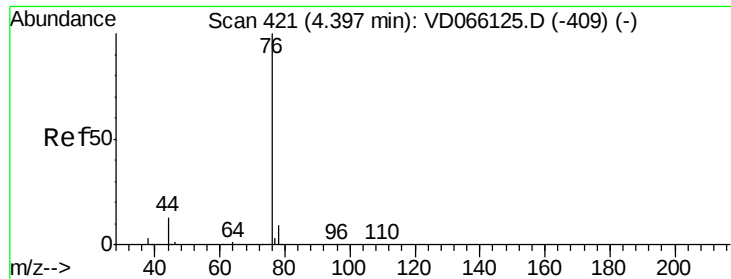
Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Tgt Ion:	43	Resp:	69848
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.7	37.1





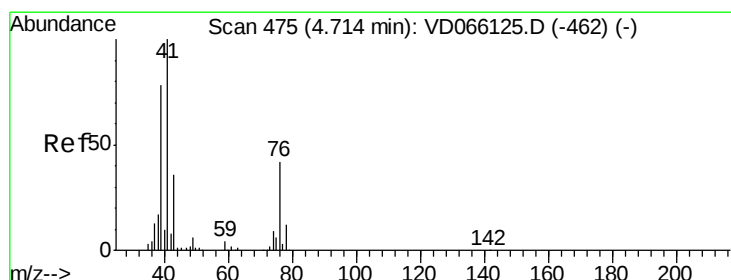
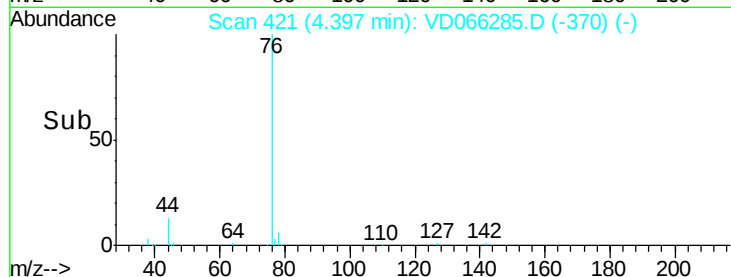
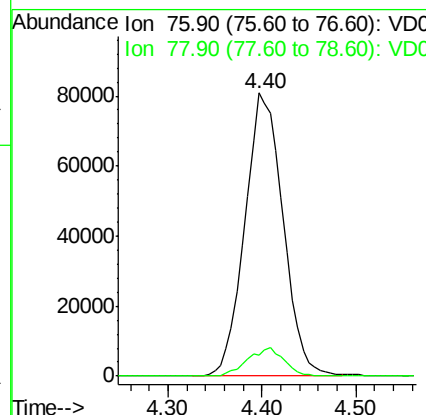
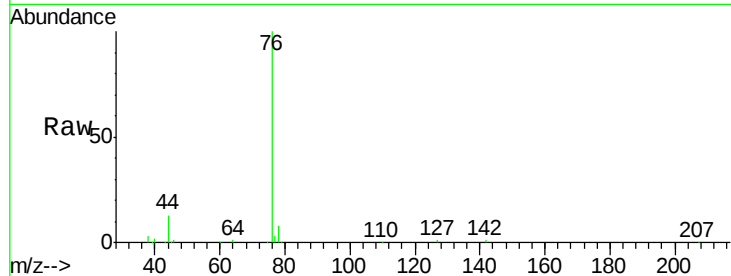
#17
Carbon Disulfide
Concen: 36.481 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.5	11.3

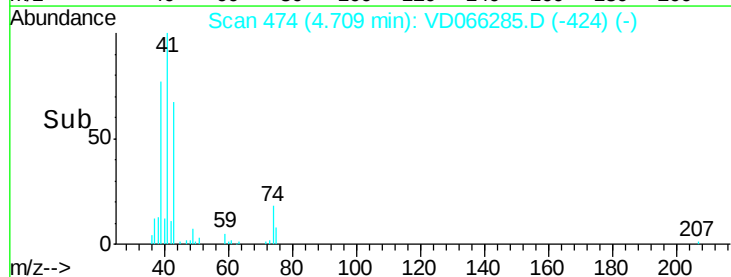
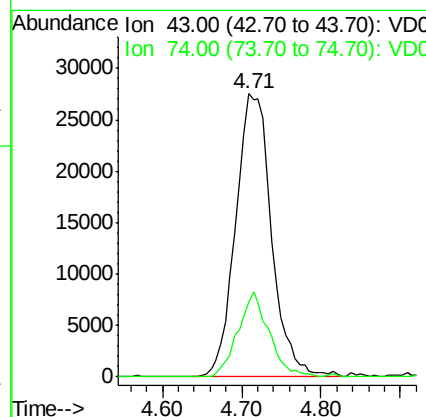
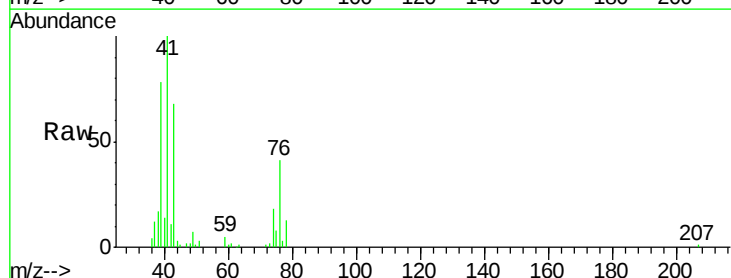
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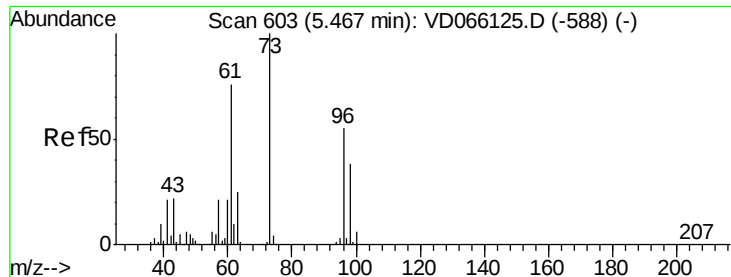
MMDadoda
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#18
Methyl Acetate
Concen: 90.664 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	21.2	31.8





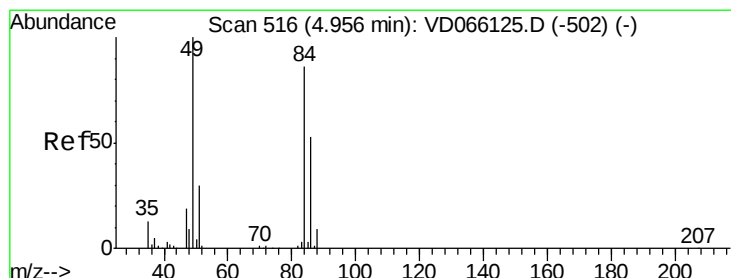
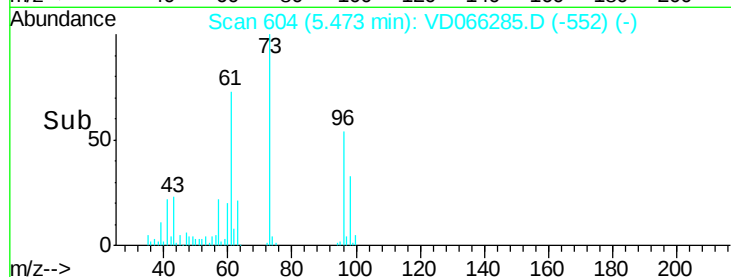
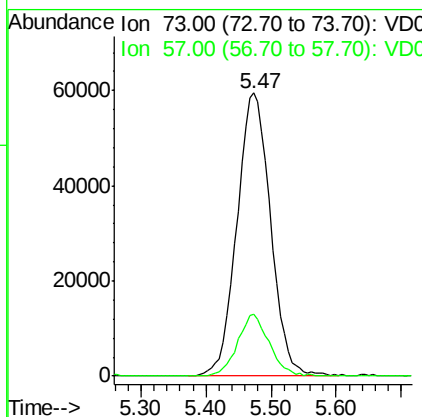
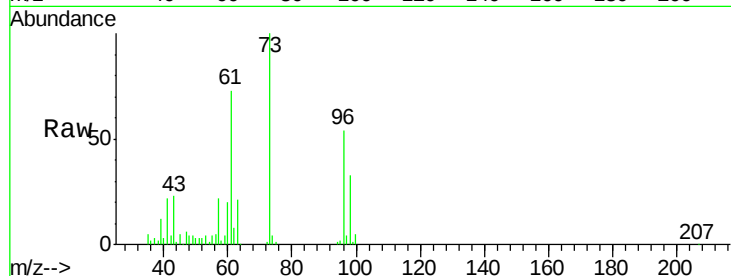
#19
Methvl tert-butvl Ether
Concen: 47.327 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion: 73 Resp: 213050
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7

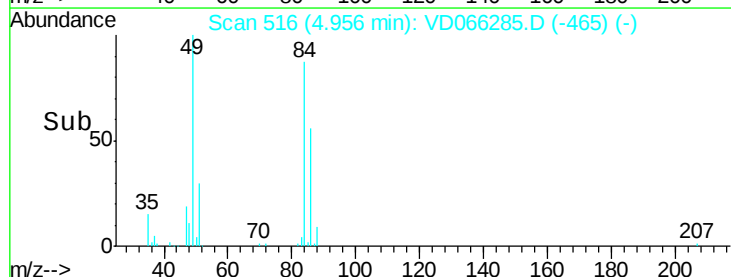
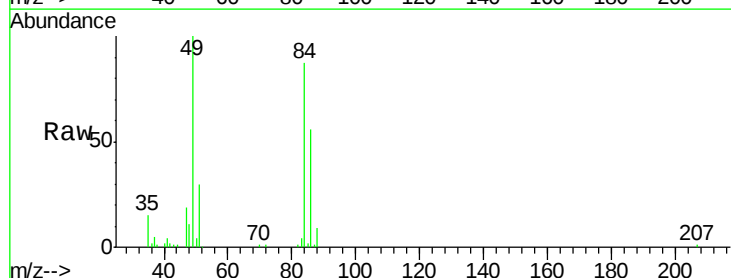
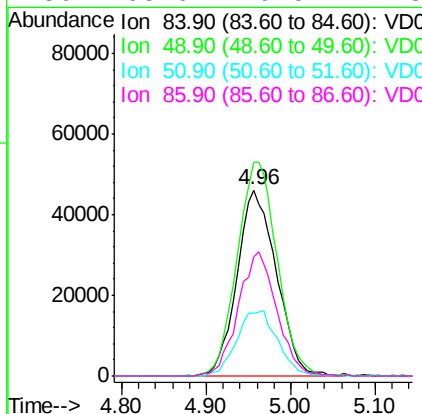
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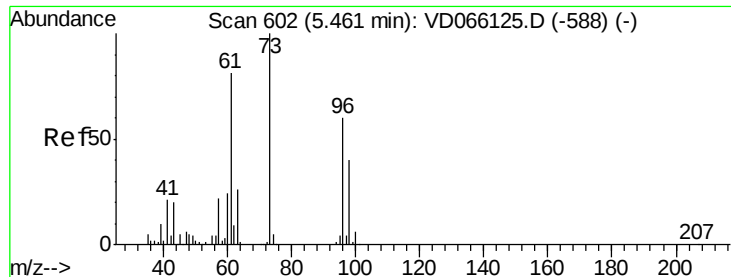
MMDadoda
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#20
Methylene Chloride
Concen: 70.993 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion: 84 Resp: 148834
Ion Ratio Lower Upper
84 100
49 114.1 93.5 140.3
51 33.8 28.2 42.4
86 63.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 43.955 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

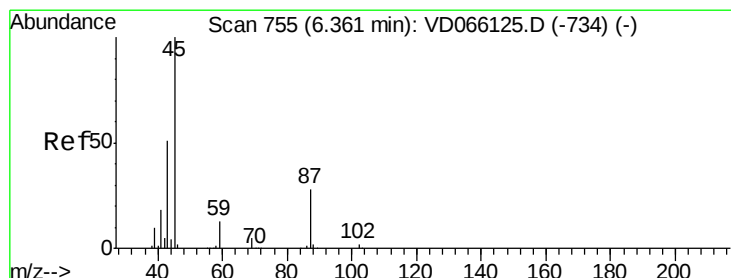
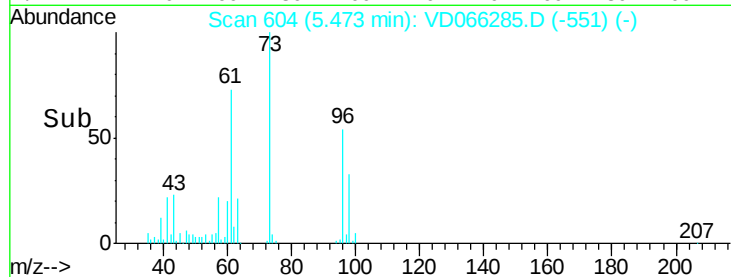
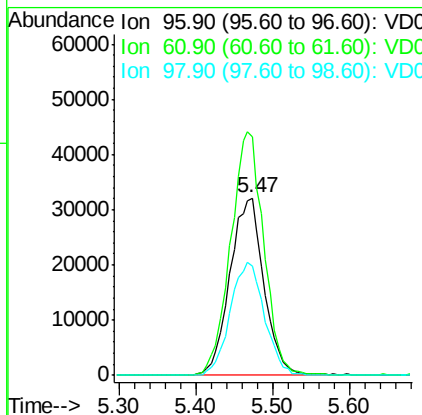
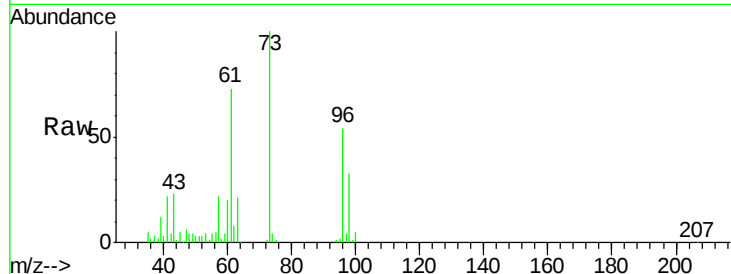
ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion:	96	Resp:	99171
Ion	Ratio	Lower	Upper
96	100		
61	134.5	106.9	160.3
98	61.7	53.4	80.0

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#22

Diisopropyl ether

Concen: 43.363 ug/l

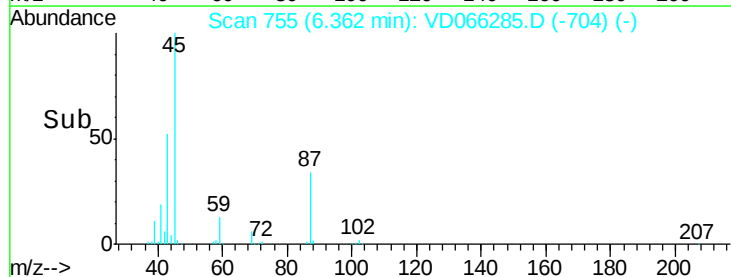
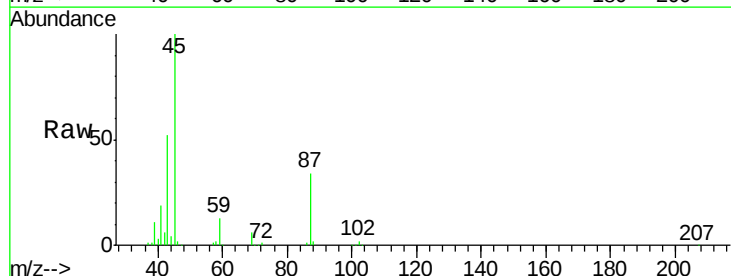
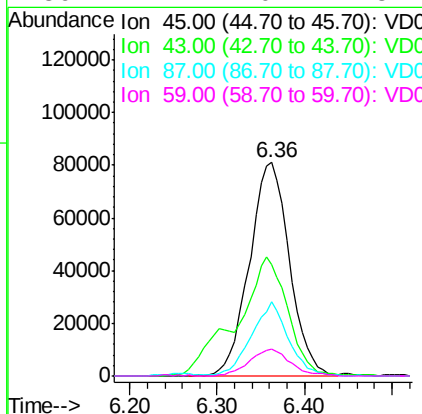
RT: 6.36 min Scan# 755

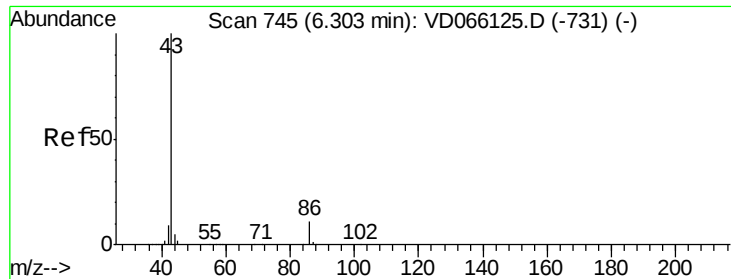
Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Tgt Ion:	45	Resp:	255148
Ion	Ratio	Lower	Upper
45	100		
43	51.9	41.2	61.8
87	34.0	22.8	34.2
59	12.4	10.2	15.2





#23

Vinyl Acetate

Concen: 12.961 ug/l m

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion: 43 Resp: 44677

Ion Ratio Lower Upper

43 100

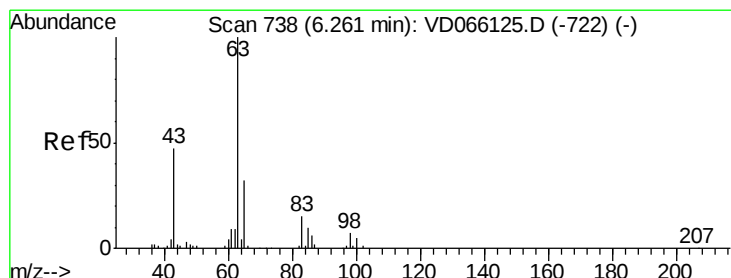
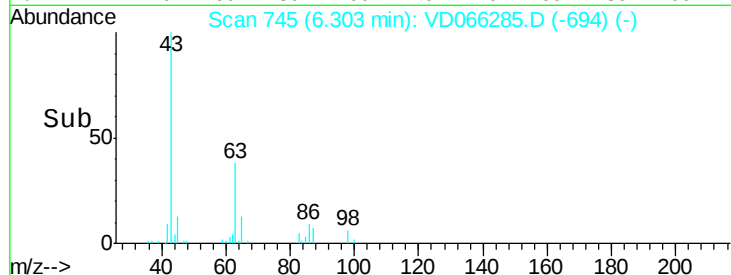
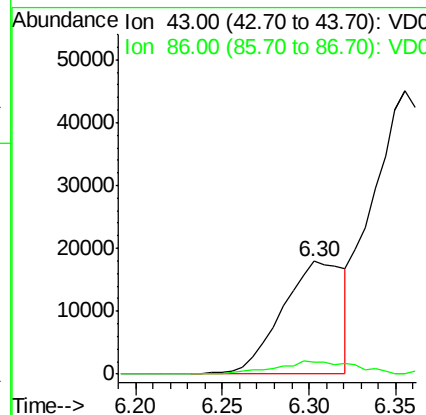
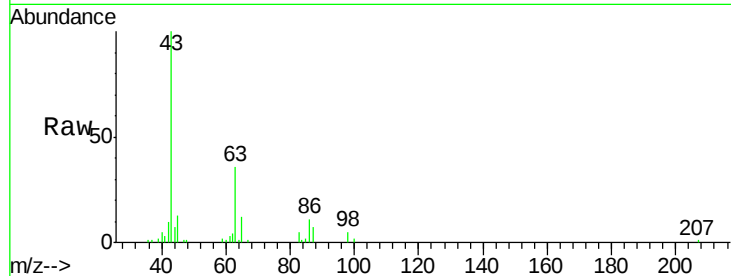
86 11.1 9.1 13.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.476 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

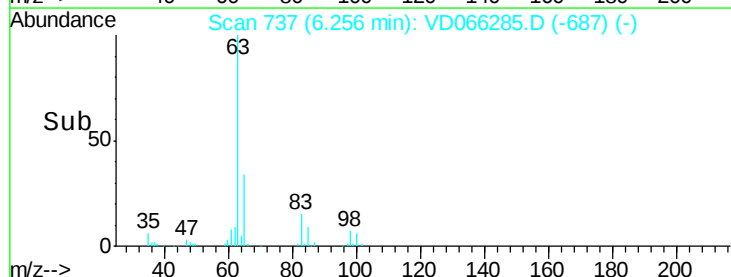
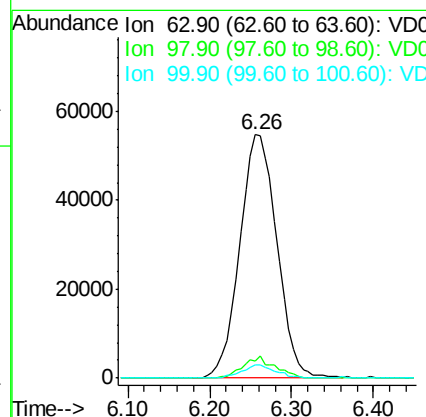
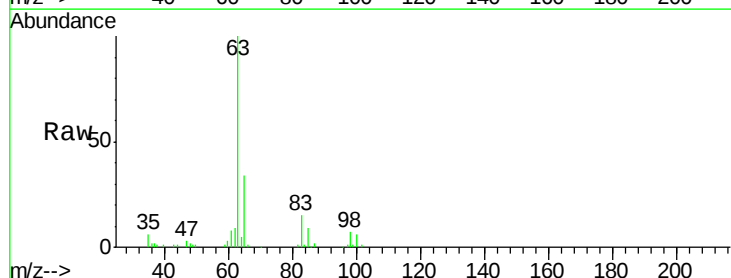
Tgt Ion: 63 Resp: 172877

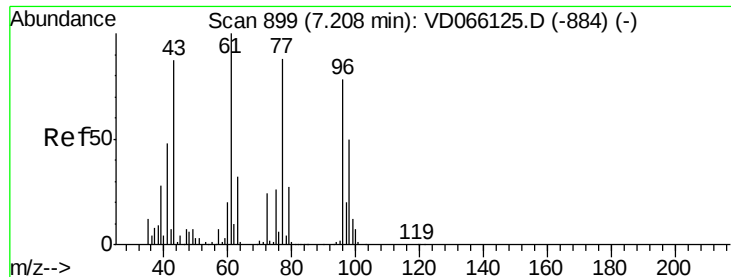
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 5.6 2.4 7.2





#25

2-Butanone

Concen: 182.671 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion: 43 Resp: 100863

Ion Ratio Lower Upper

43 100

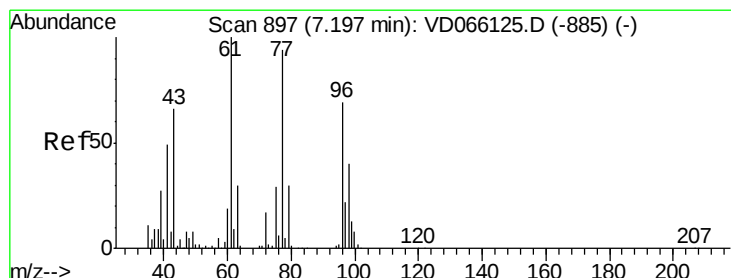
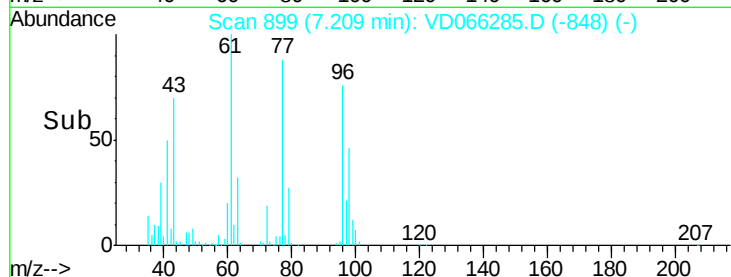
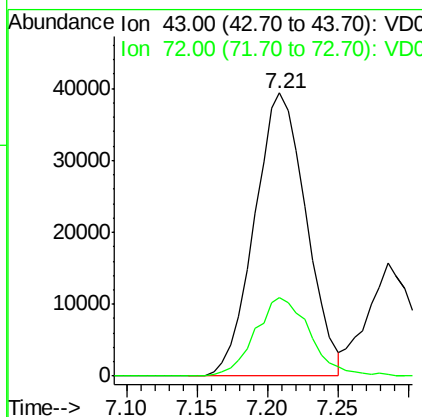
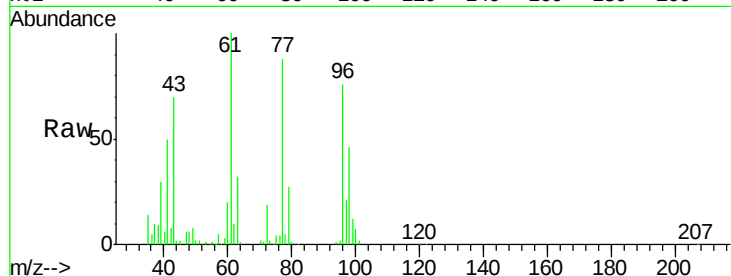
72 27.7 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.445 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066285.D

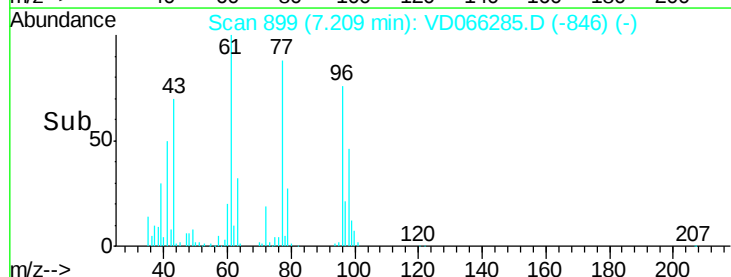
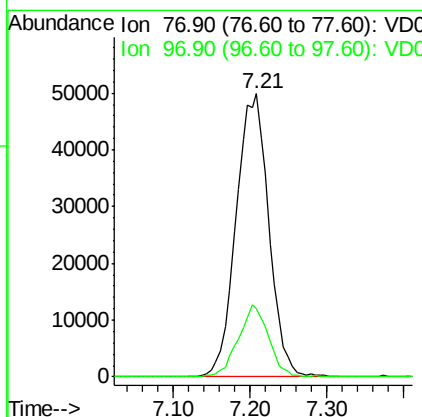
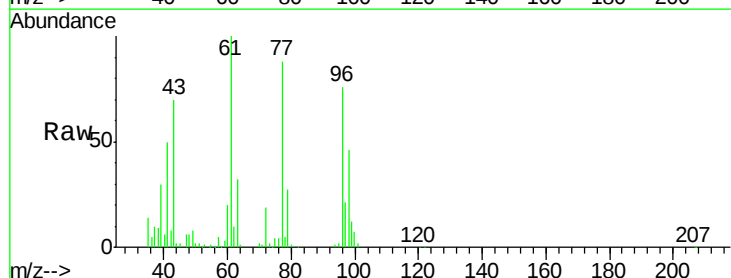
Acq: 18 Aug 2020 18:31

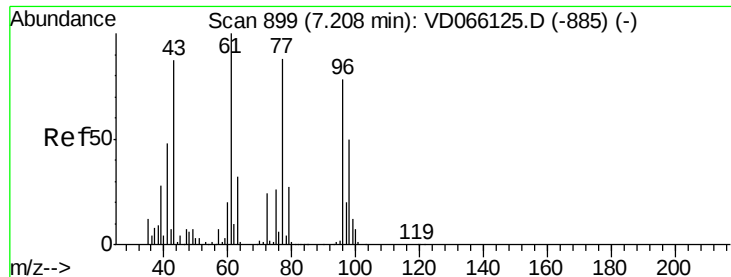
Tgt Ion: 77 Resp: 148315

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3





#27

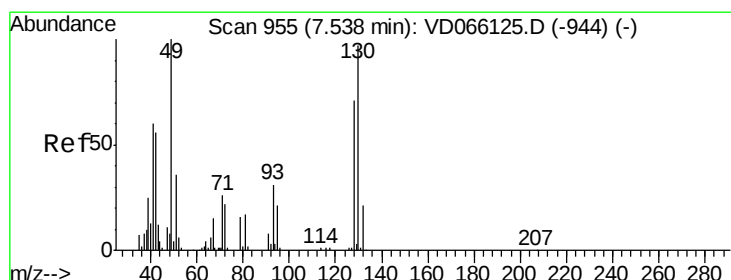
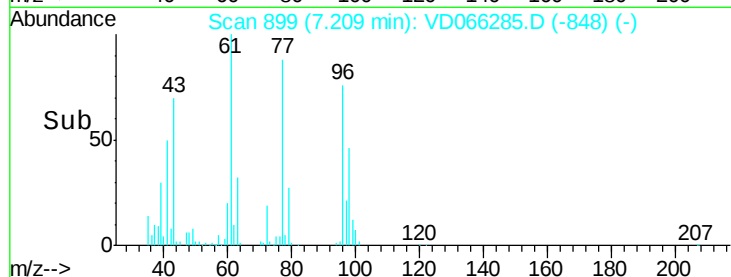
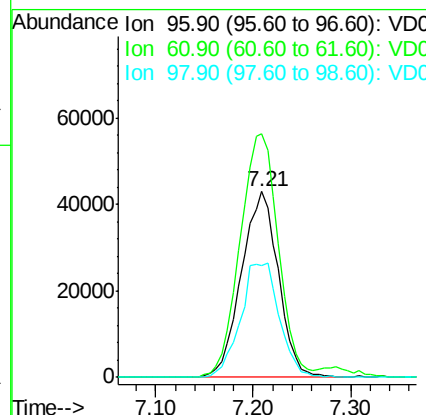
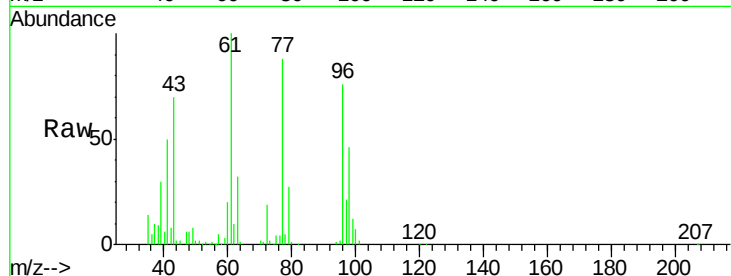
cis-1,2-Dichloroethene
 Concen: 48.192 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	135.5	0.0	281.6	
98	64.3	0.0	130.8	

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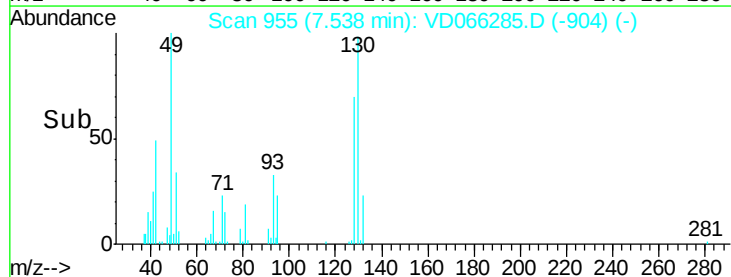
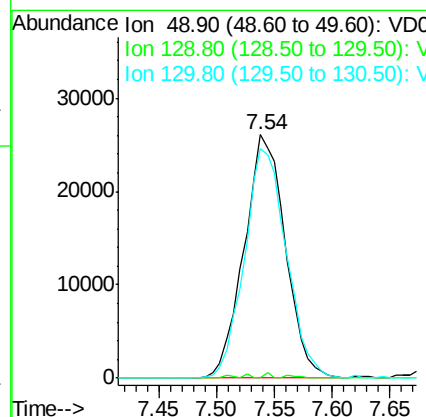
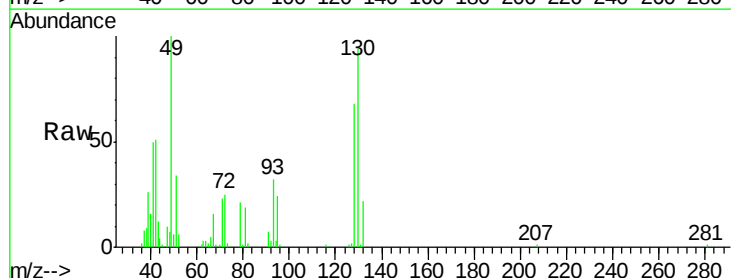
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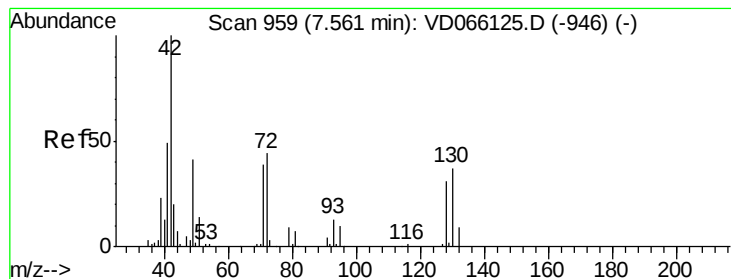


#28

Bromochloromethane
 Concen: 50.675 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.3	0.0	6.0	
130	95.8	73.8	110.6	





#29

Tetrahydrofuran

Concen: 196.889 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

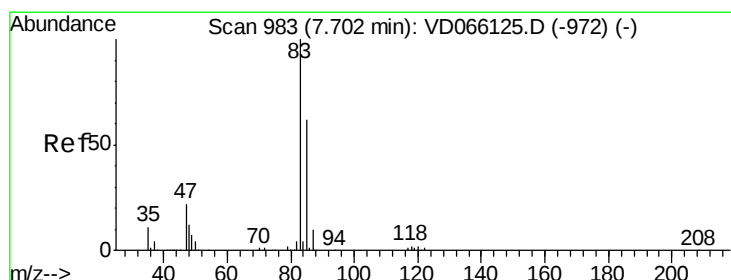
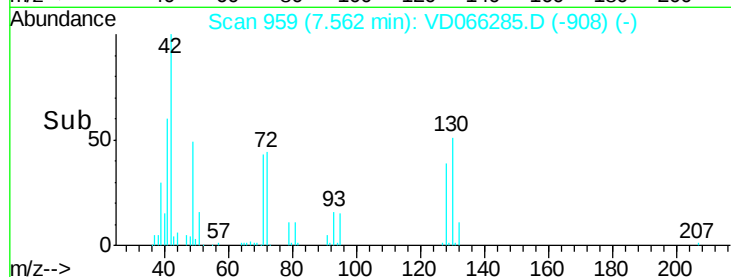
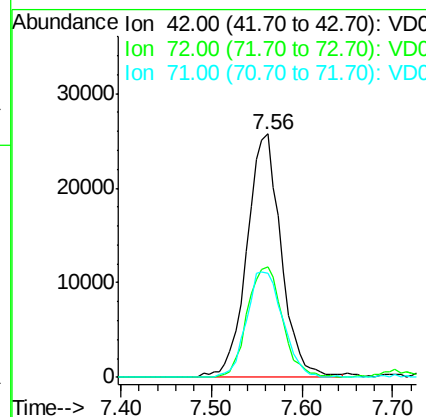
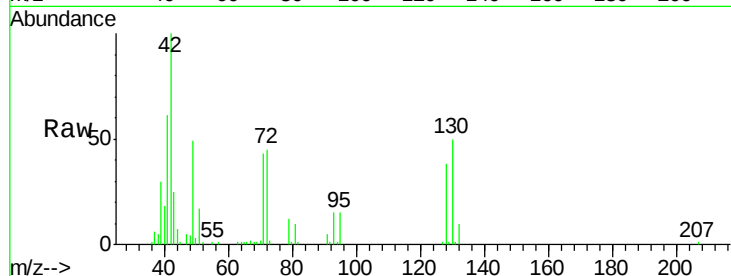
ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion:	42	Resp:	67355
Ion	Ratio	Lower	Upper
42	100		
72	46.6	34.8	52.2
71	45.8	33.5	50.3

Manual Integrations
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#30

Chloroform

Concen: 50.533 ug/l

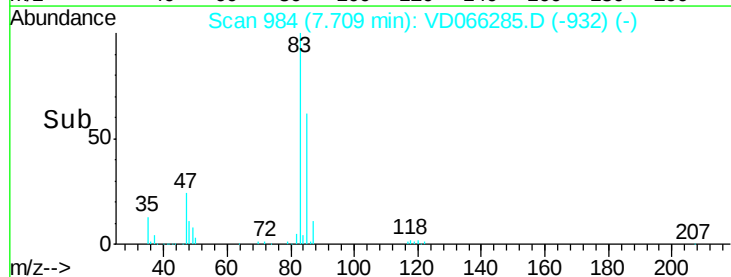
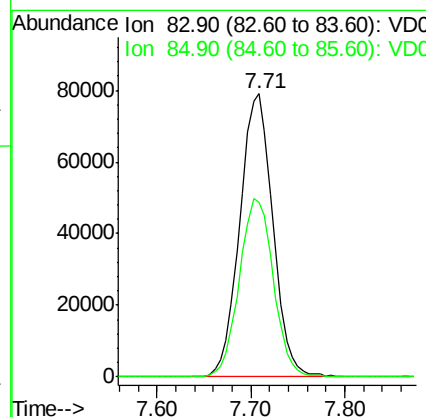
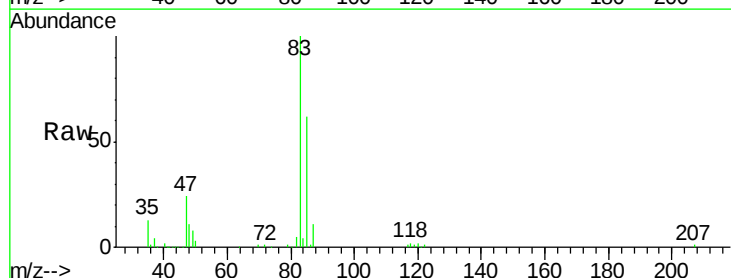
RT: 7.71 min Scan# 984

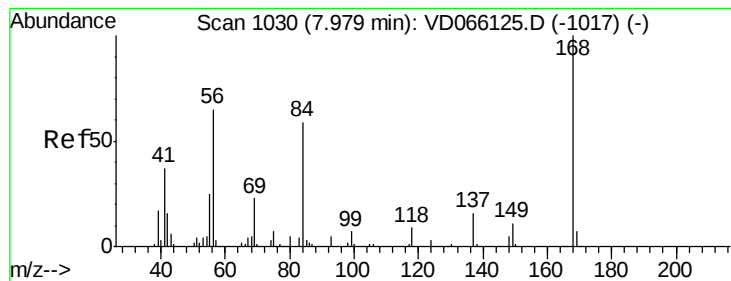
Delta R.T. 0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Tgt Ion:	83	Resp:	193217
Ion	Ratio	Lower	Upper
83	100		
85	61.7	49.5	74.3





#31

Cyclohexane

Concen: 36.310 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

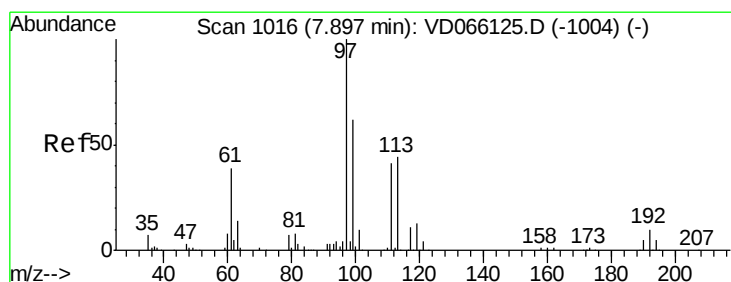
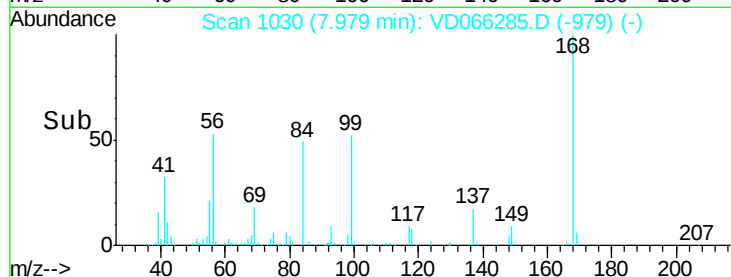
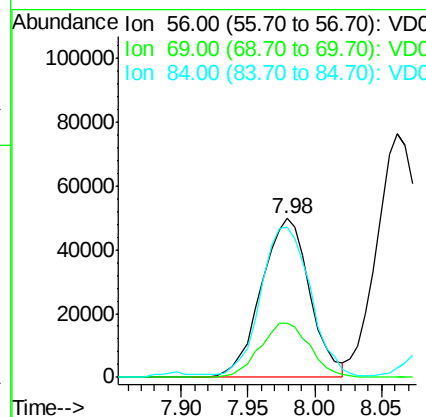
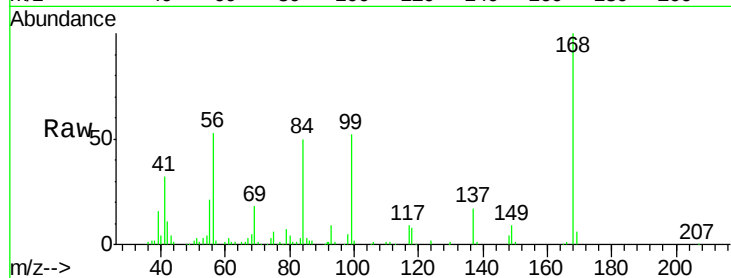
ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion:	56	Resp:	125860
Ion Ratio	Lower	Upper	
56	100		
69	34.2	28.8	43.2
84	92.6	73.0	109.6

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#32

1,1,1-Trichloroethane

Concen: 50.277 ug/l

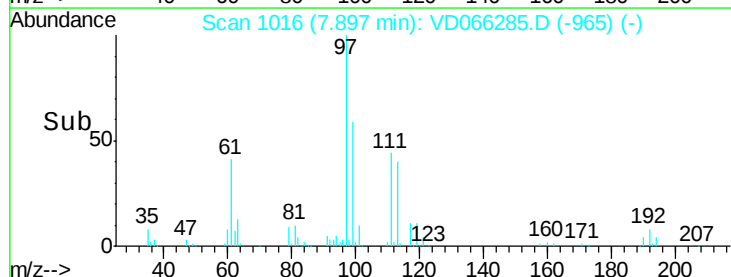
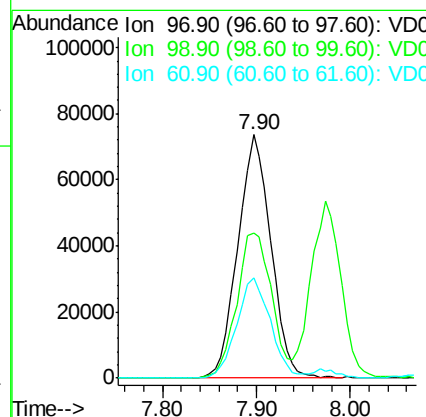
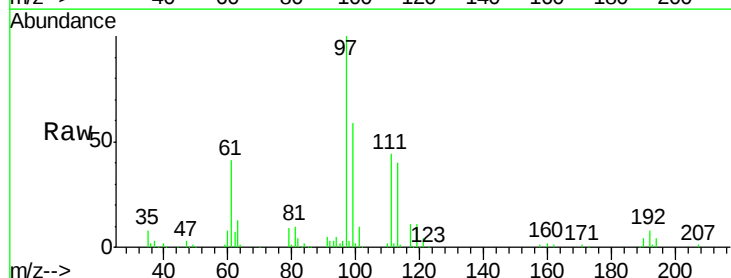
RT: 7.90 min Scan# 1016

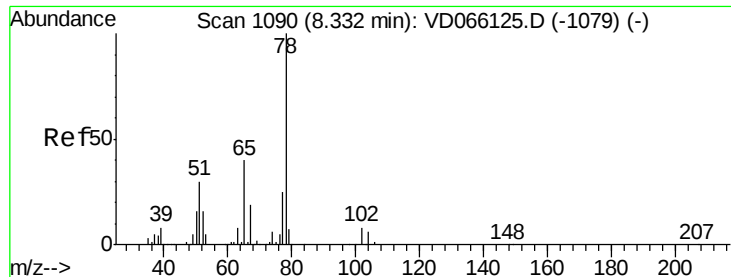
Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Tgt Ion:	97	Resp:	180242
Ion Ratio	Lower	Upper	
97	100		
99	63.0	51.1	76.7
61	41.5	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 54.127 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion: 65 Resp: 107091

Ion Ratio Lower Upper

65 100

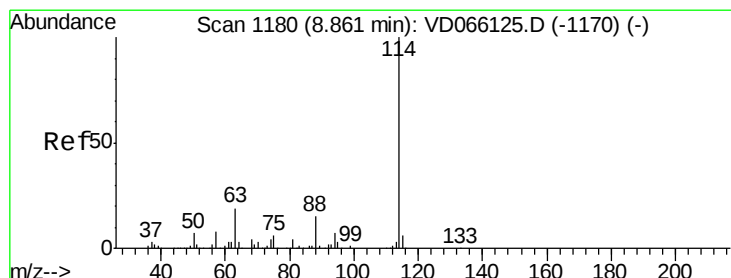
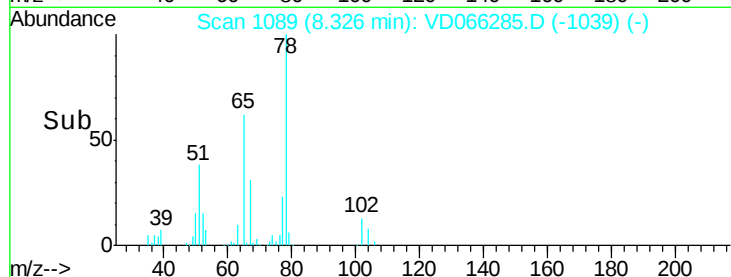
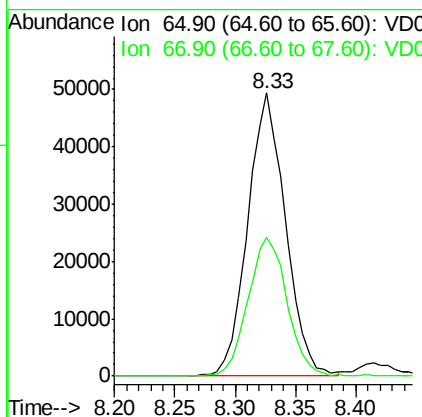
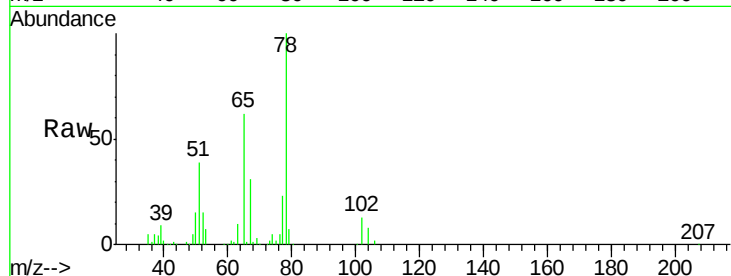
67 50.6 0.0 104.6

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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: VD066285.D

Acq: 18 Aug 2020 18:31

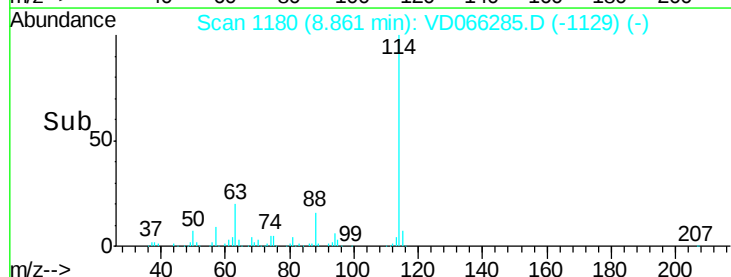
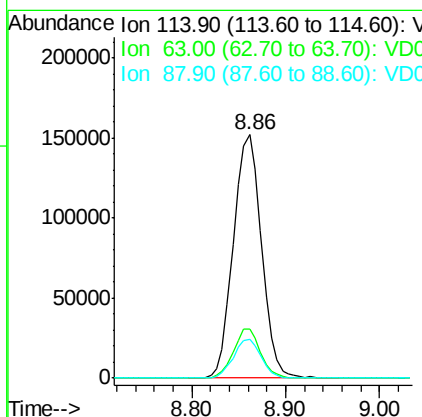
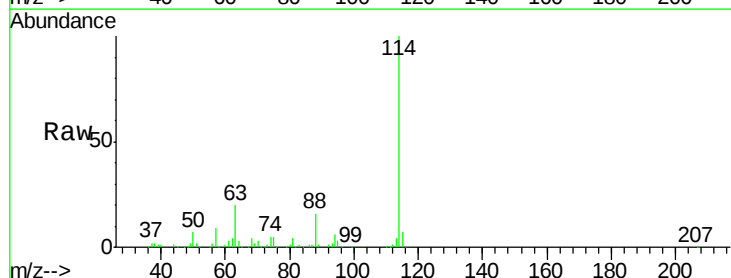
Tgt Ion: 114 Resp: 317165

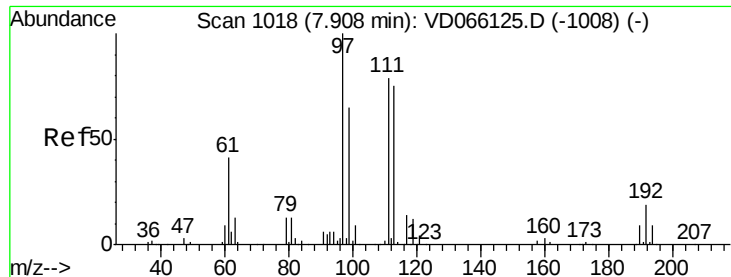
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

88 15.7 0.0 30.0





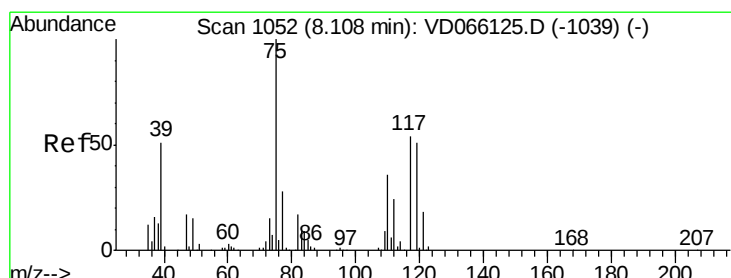
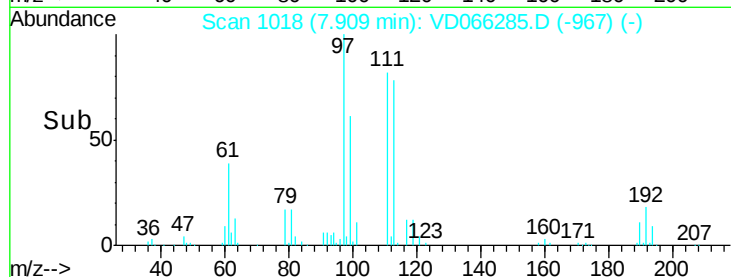
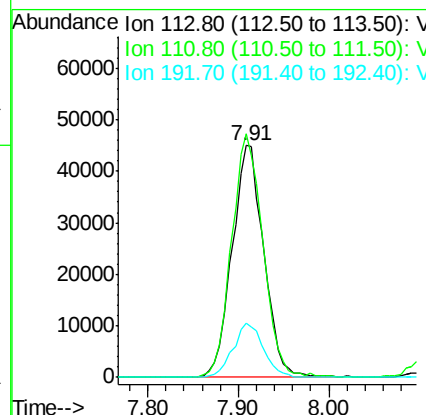
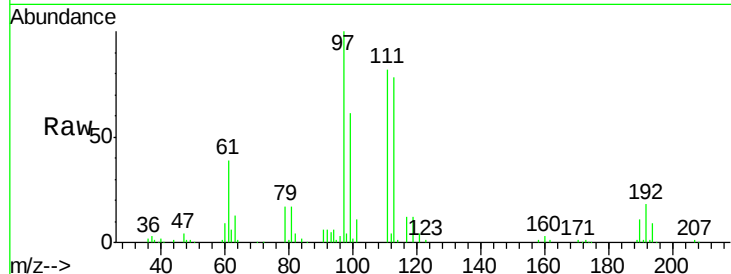
#35
 Dibromofluoromethane
 Concen: 54.443 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109388		
111	103.8	80.7	121.1	
192	22.5	18.4	27.6	

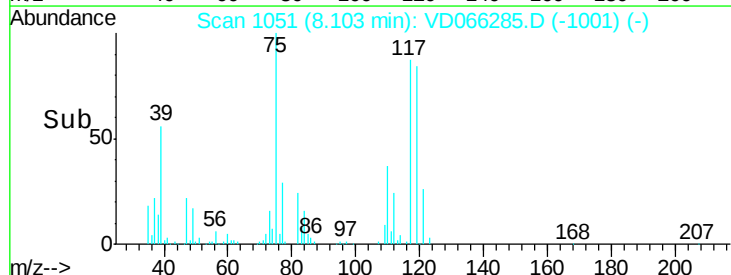
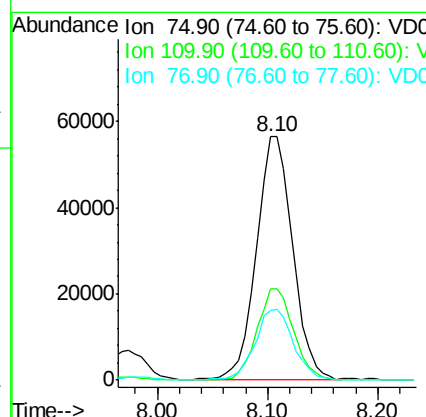
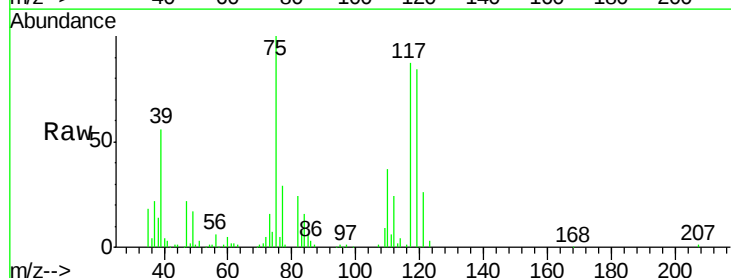
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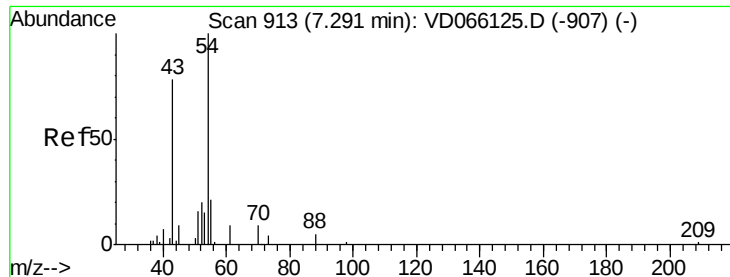
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#36
 1,1-Dichloropropene
 Concen: 43.885 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	130795		
110	37.5	18.8	56.3	
77	30.8	24.2	36.2	





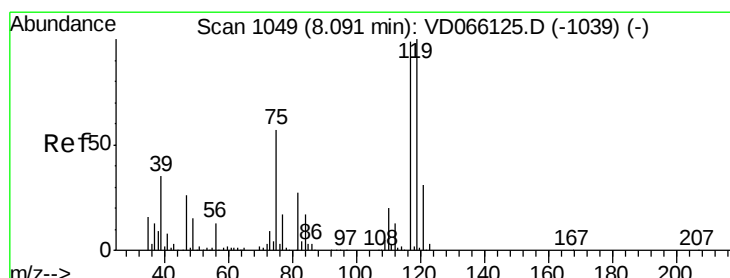
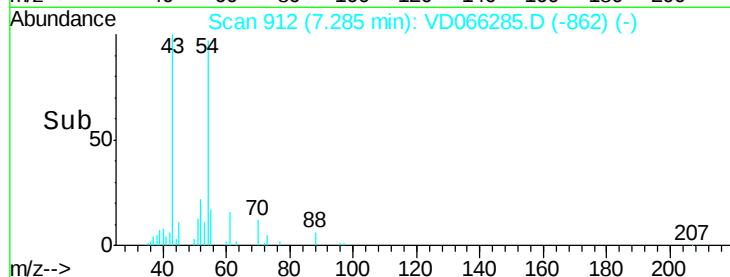
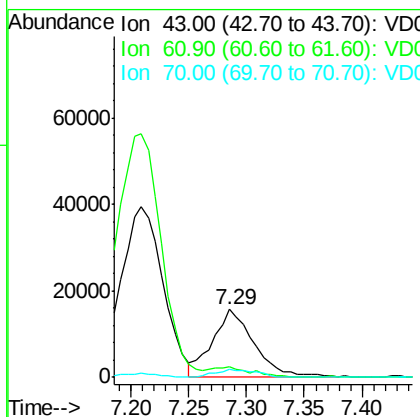
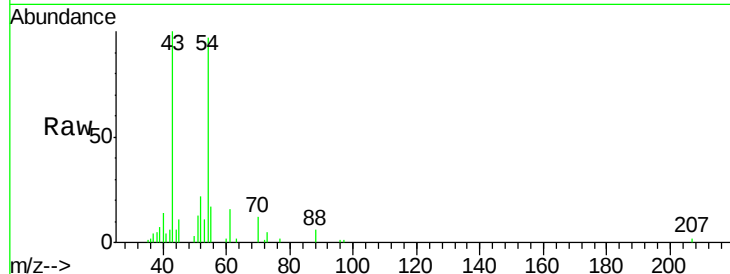
#37
Ethyl Acetate
Concen: 33.560 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.0	18.0
70	11.2	9.7	14.5

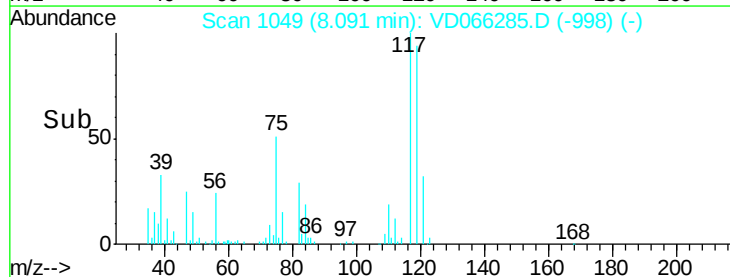
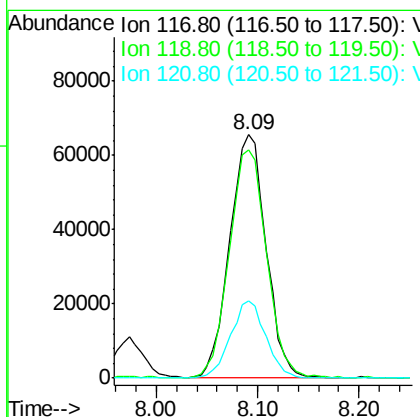
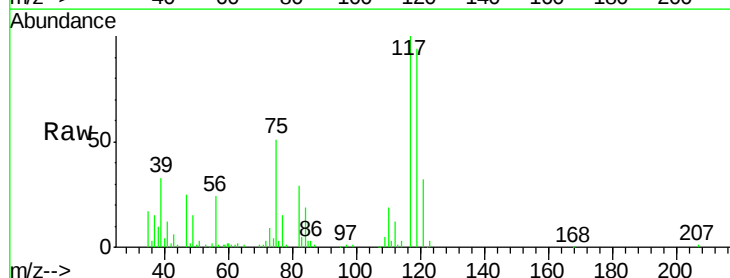
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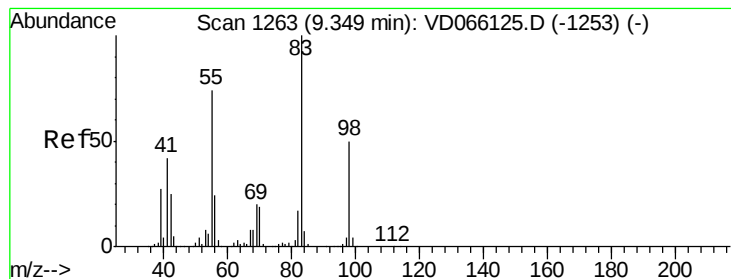
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#38
Carbon Tetrachloride
Concen: 49.232 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	81.0	121.4
121	31.7	24.8	37.2





#39

Methvlcvclohexane

Concen: 35.506 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

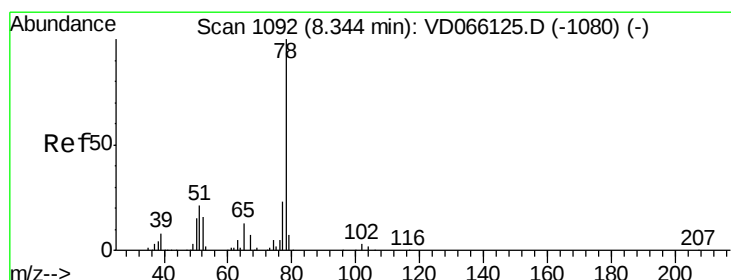
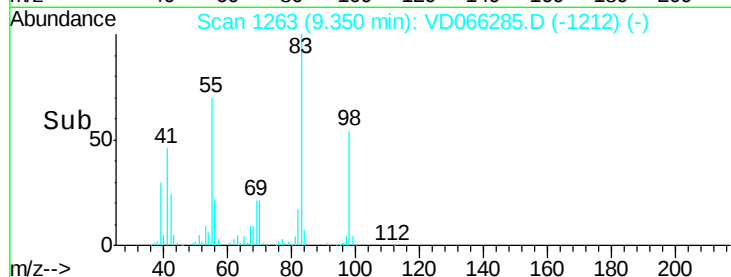
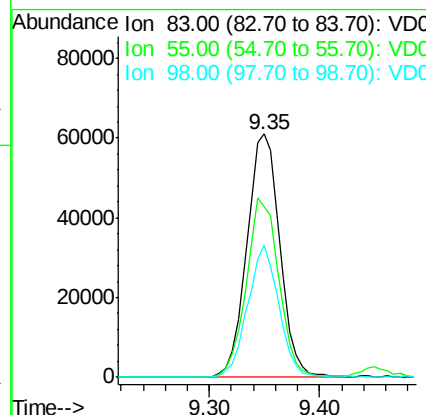
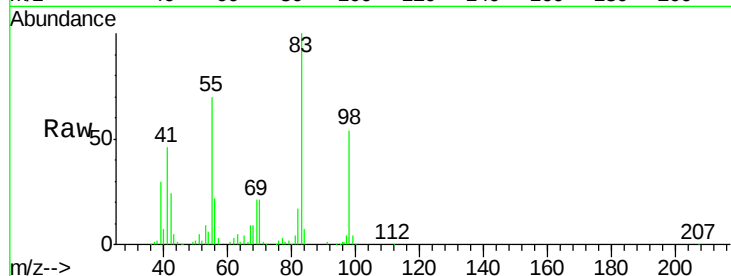
ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion:	83	Resp:	127921
Ion	Ratio	Lower	Upper
83	100		
55	70.0	59.2	88.8
98	54.3	39.8	59.6

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#40

Benzene

Concen: 46.783 ug/l

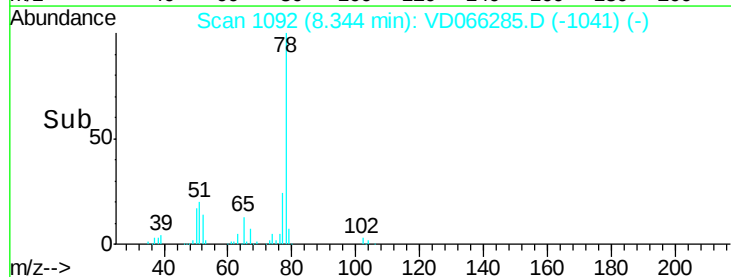
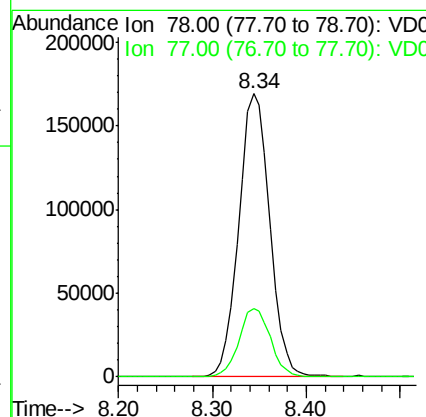
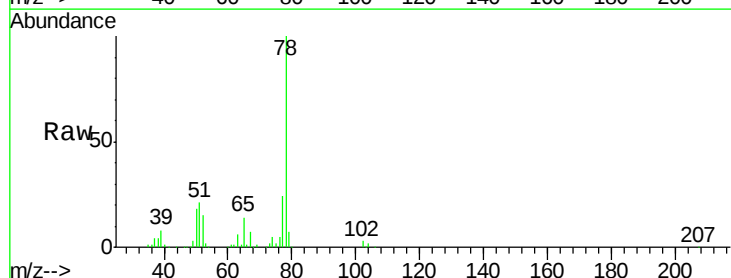
RT: 8.34 min Scan# 1092

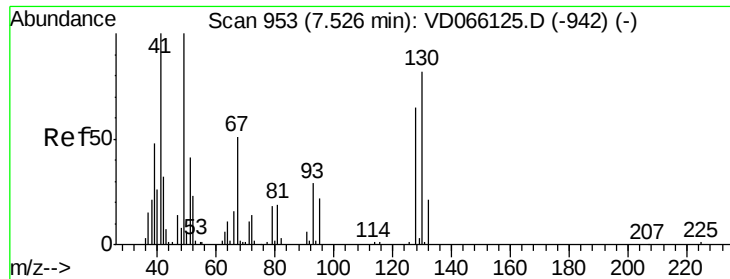
Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Tgt Ion:	78	Resp:	386796
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.6	27.8





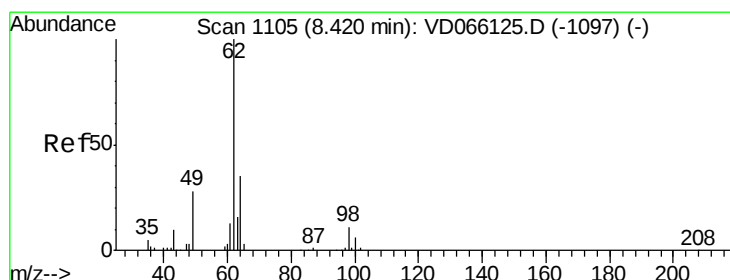
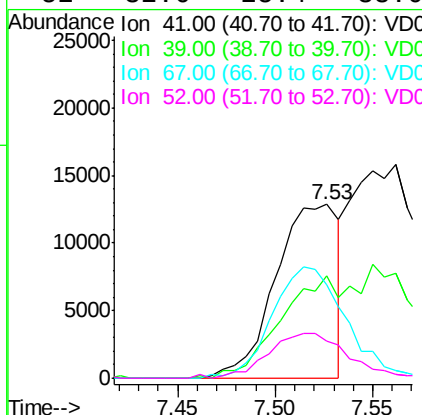
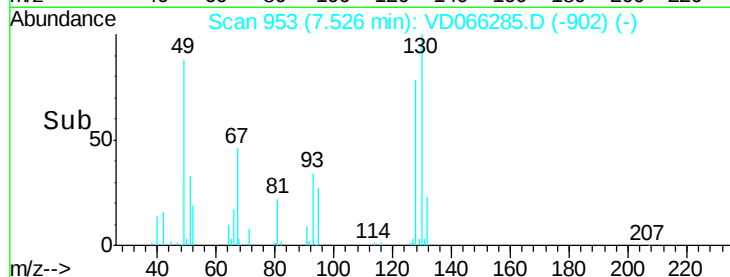
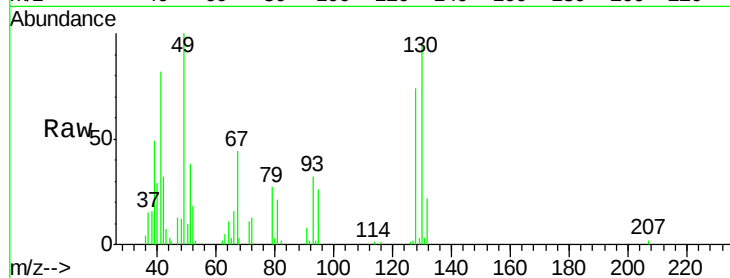
#41
Methacrylonitrile
Concen: 41.660 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.7	47.5	71.3
67	73.7	59.1	88.7
52	32.6	25.4	38.0

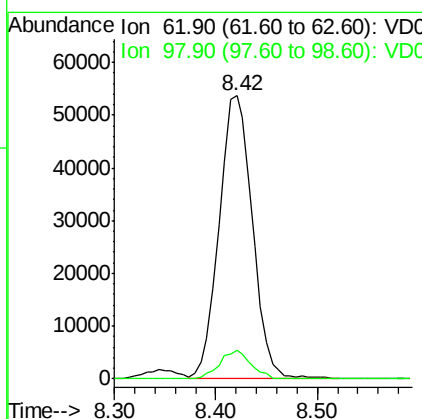
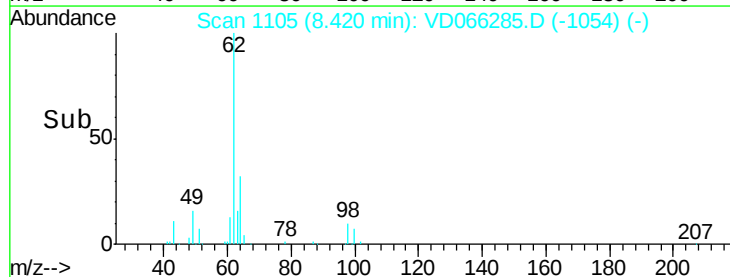
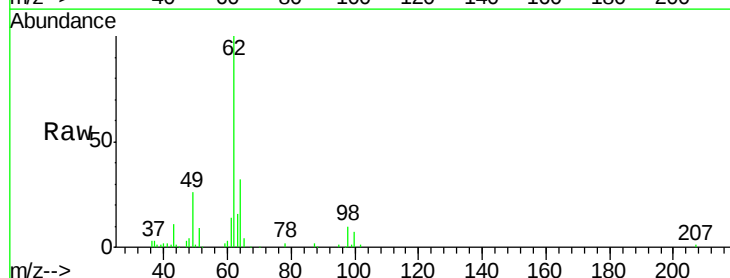
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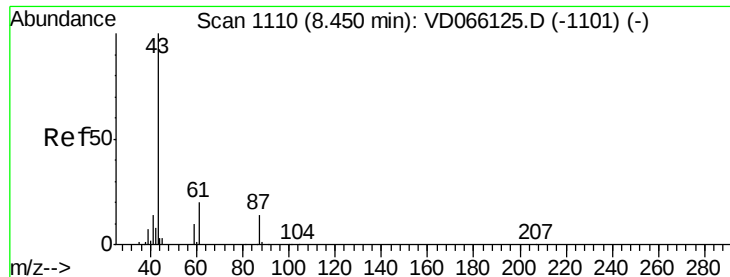
MMDadoda
8/19/2020 5:23:25 PM



#42
1,2-Dichloroethane
Concen: 50.431 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.4





#43

Isopropyl Acetate

Concen: 37.425 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

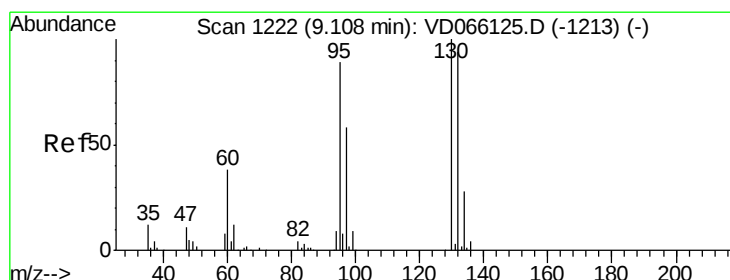
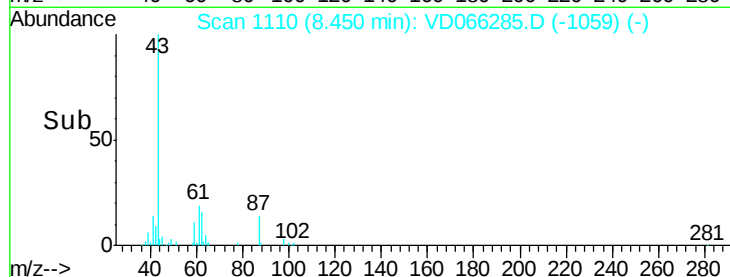
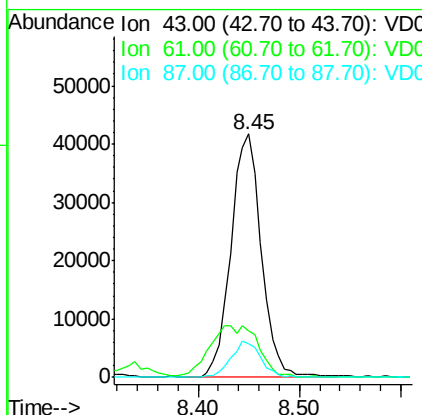
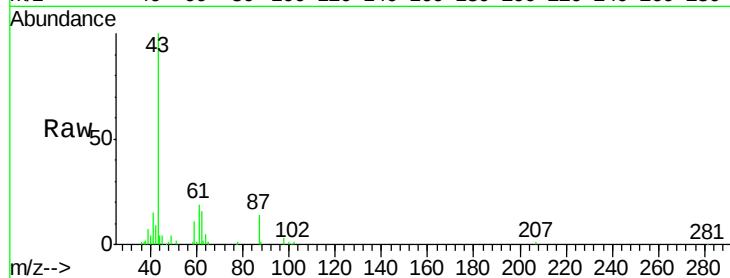
ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion:	43	Resp:	87076
Ion	Ratio	Lower	Upper
43	100		
61	34.1	25.5	38.3
87	14.3	11.2	16.8

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#44

Trichloroethene

Concen: 46.493 ug/l

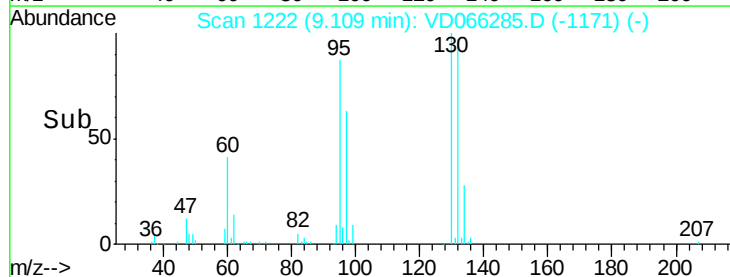
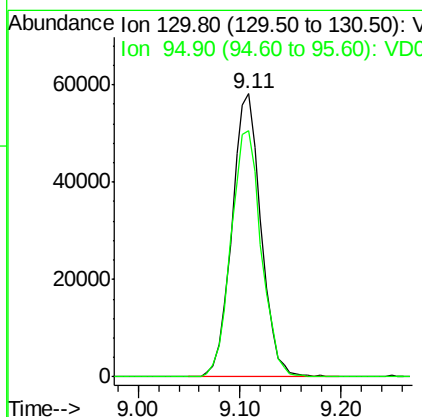
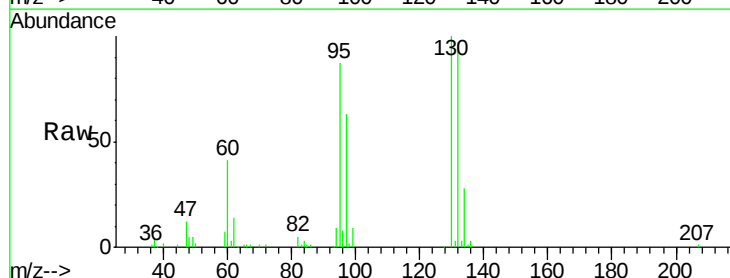
RT: 9.11 min Scan# 1222

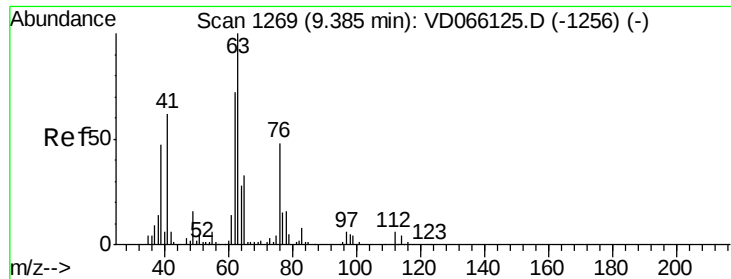
Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Tgt Ion:	130	Resp:	115831
Ion	Ratio	Lower	Upper
130	100		
95	86.9	0.0	178.4





#45

1,2-Dichloropropane

Concen: 47.663 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion: 63 Resp: 96379

Ion Ratio Lower Upper

63 100

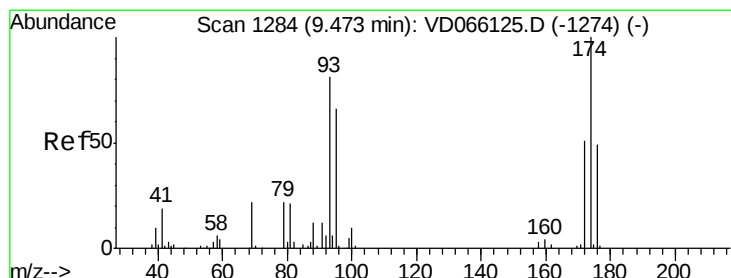
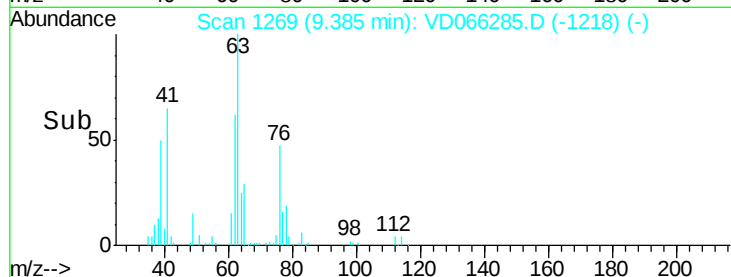
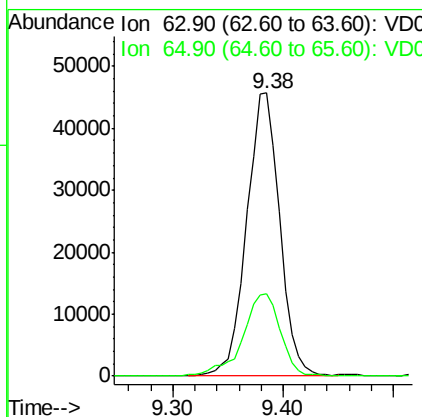
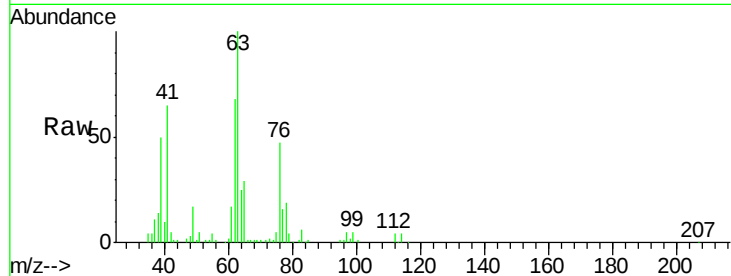
65 29.1 26.5 39.7

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#46

Dibromomethane

Concen: 47.730 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

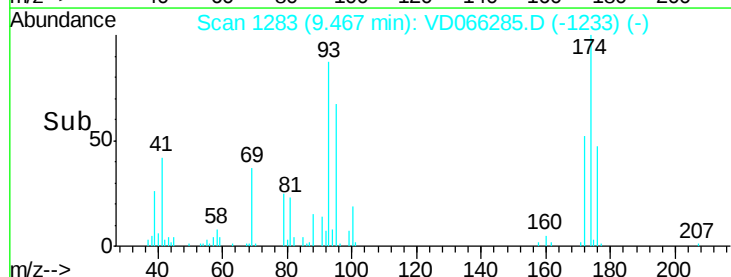
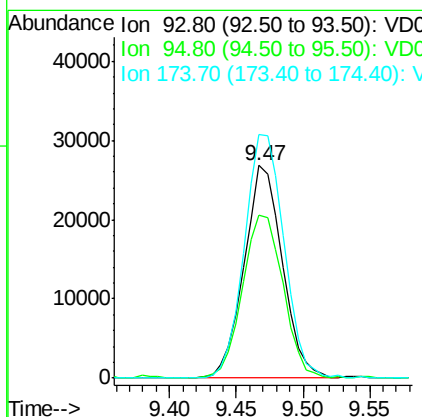
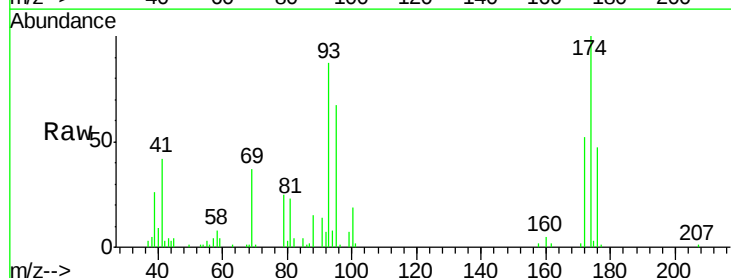
Tgt Ion: 93 Resp: 53163

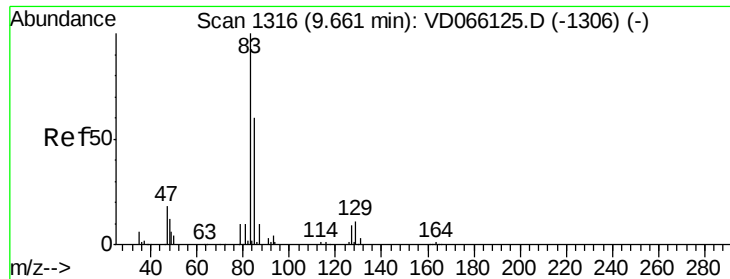
Ion Ratio Lower Upper

93 100

95 81.3 65.8 98.6

174 118.6 92.8 139.2





#47

Bromodichloromethane

Concen: 50.532 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

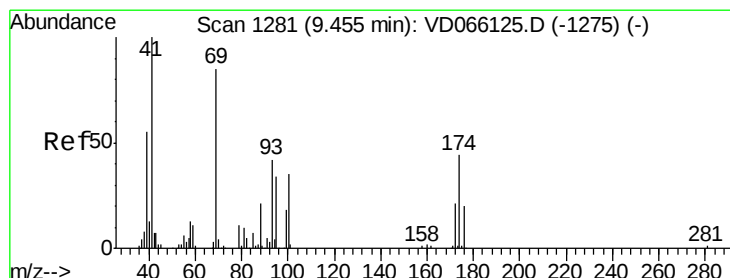
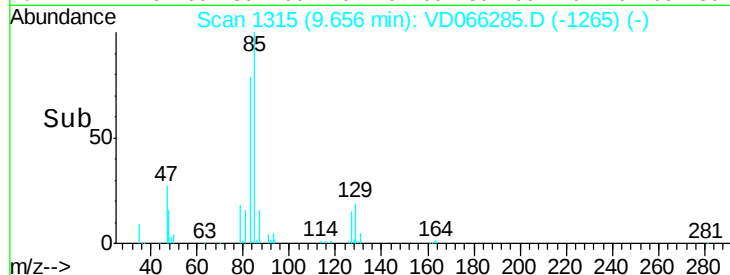
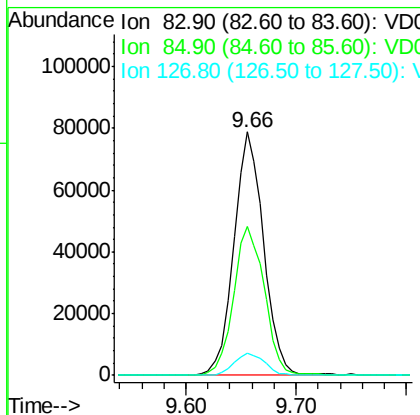
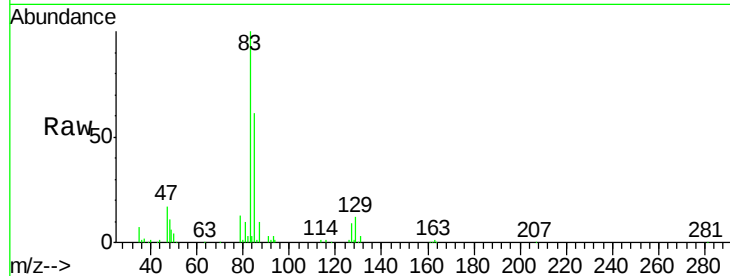
ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion:	83	Resp:	148755
Ion Ratio	Lower	Upper	
83	100		
85	61.0	48.2	72.4
127	9.1	7.3	10.9

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#48

Methyl methacrylate

Concen: 47.170 ug/l

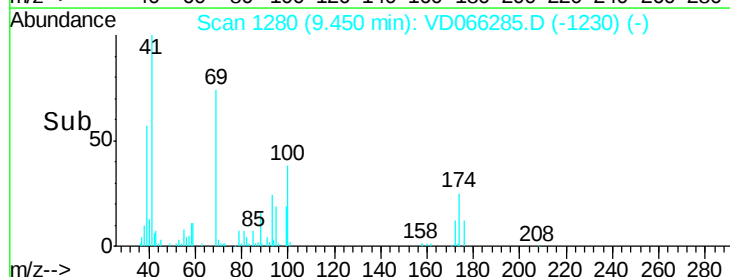
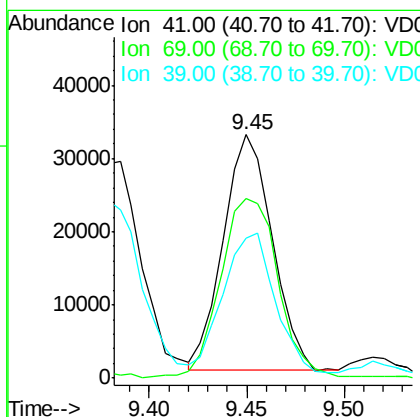
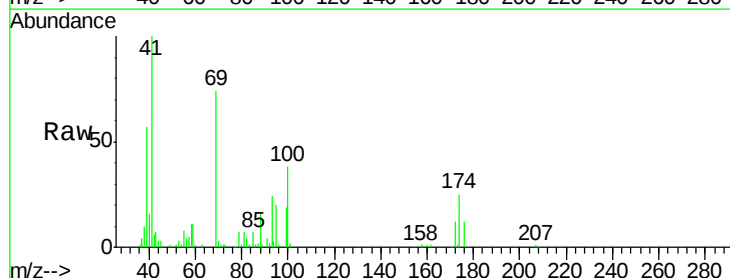
RT: 9.45 min Scan# 1280

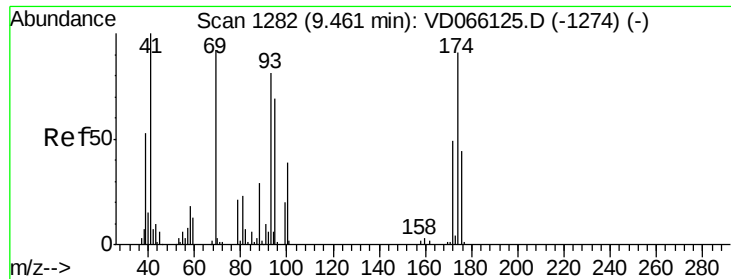
Delta R.T. -0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Tgt Ion:	41	Resp:	56040
Ion Ratio	Lower	Upper	
41	100		
69	90.6	63.9	95.9
39	68.2	42.6	64.0#





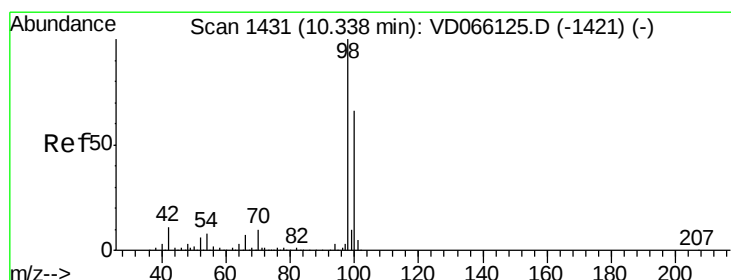
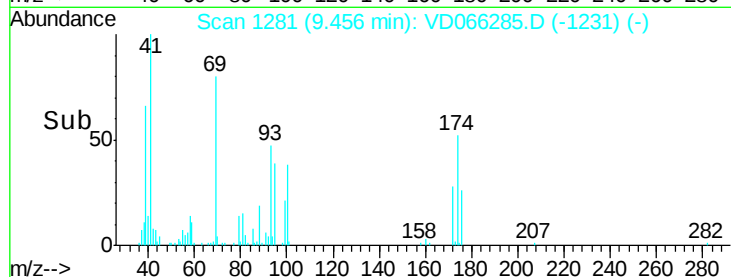
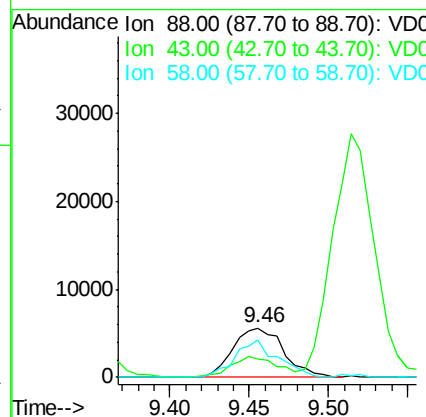
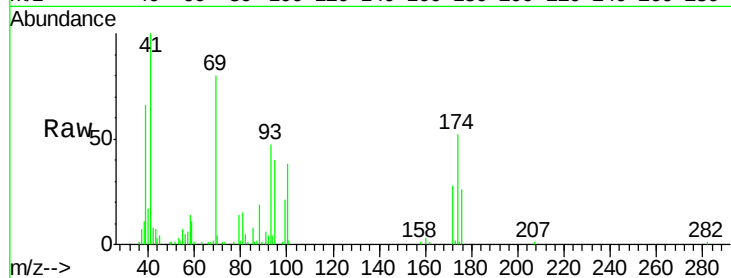
#49
1,4-Dioxane
Concen: 861.228 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.7	27.5	41.3
58	64.1	50.2	75.4

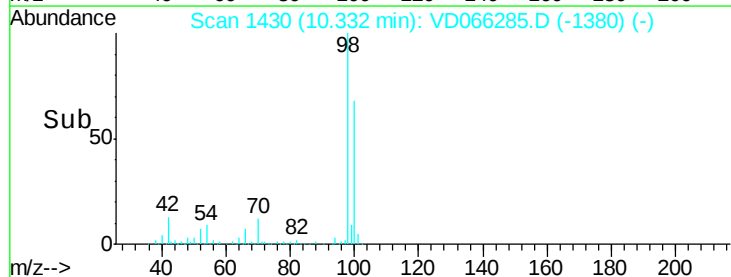
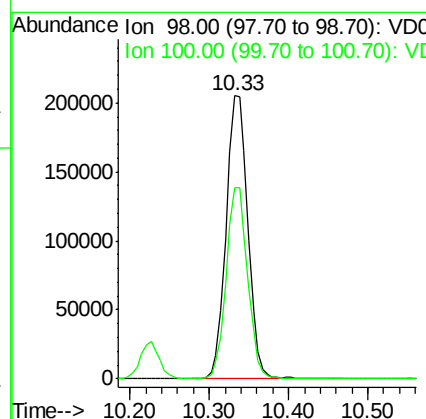
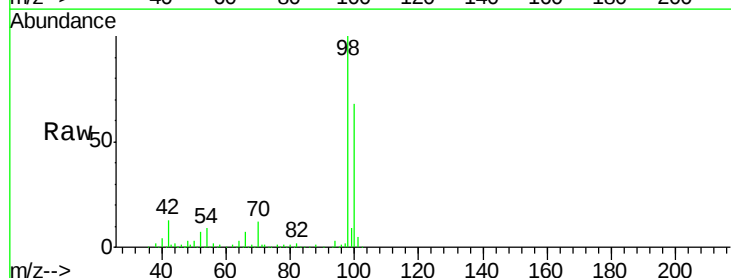
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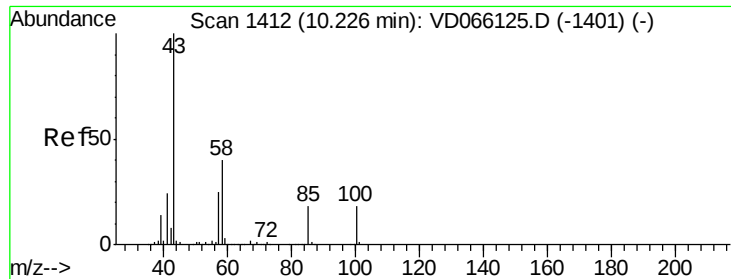
MMDadoda
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#50
Toluene-d8
Concen: 52.497 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 210.186 ug/l

RT: 10.22 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion: 43 Resp: 251195

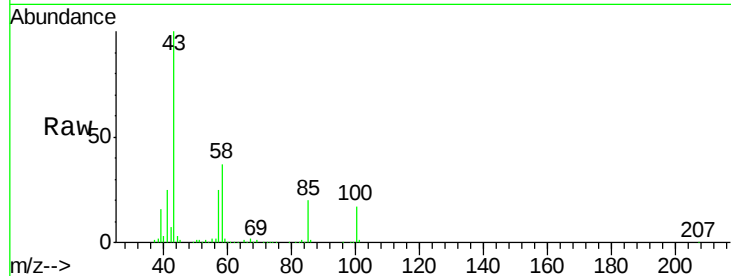
Ion Ratio Lower Upper

43 100

58 40.1 31.1 46.7

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.22

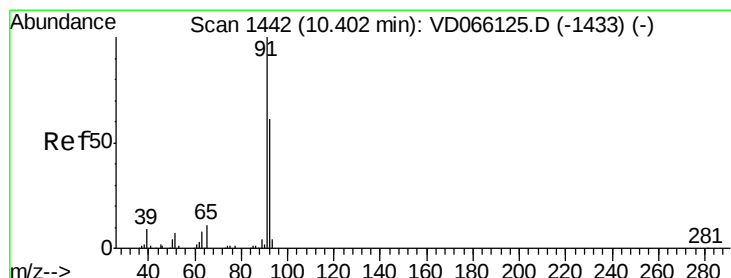
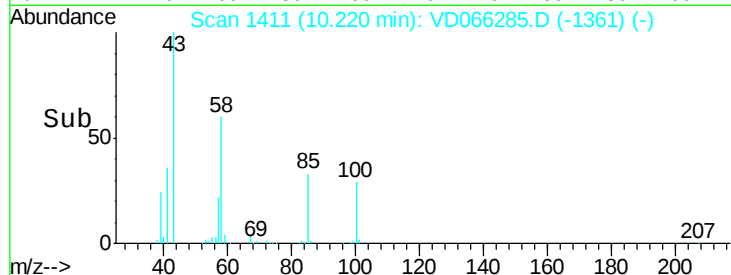
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 47.344 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066285.D

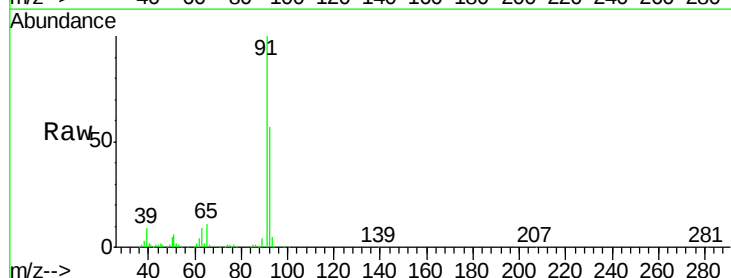
Acq: 18 Aug 2020 18:31

Tgt Ion: 92 Resp: 257569

Ion Ratio Lower Upper

92 100

91 170.9 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

250000

200000

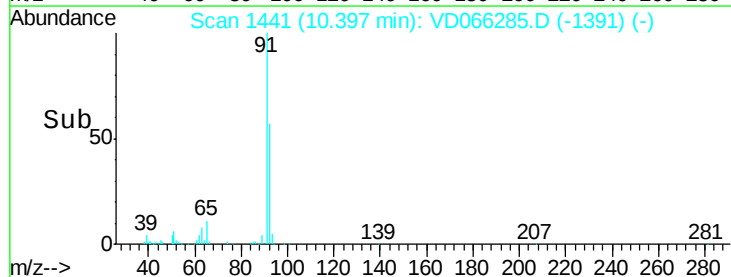
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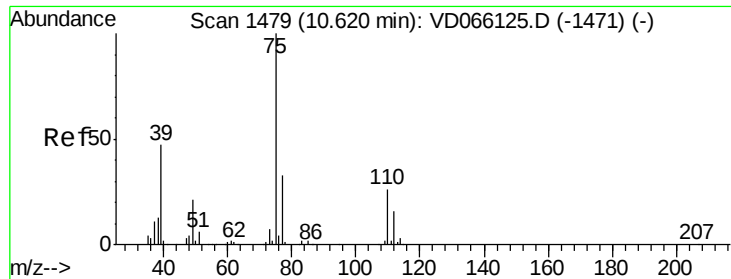
100000

50000

0

Time-->





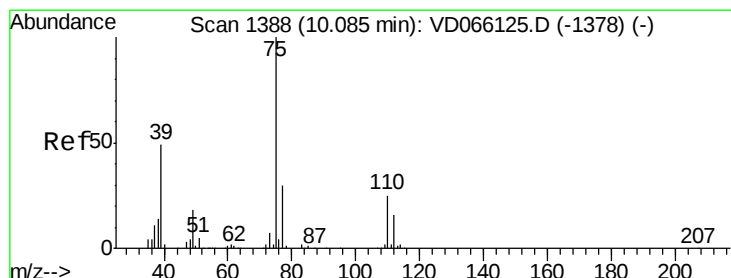
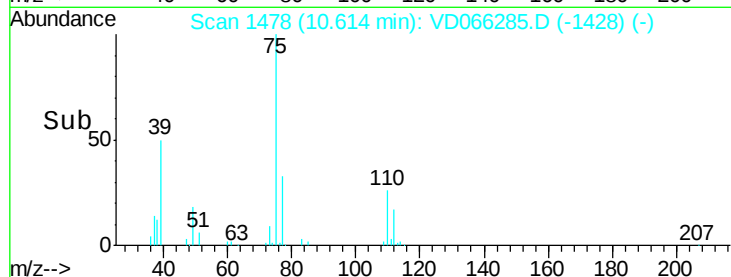
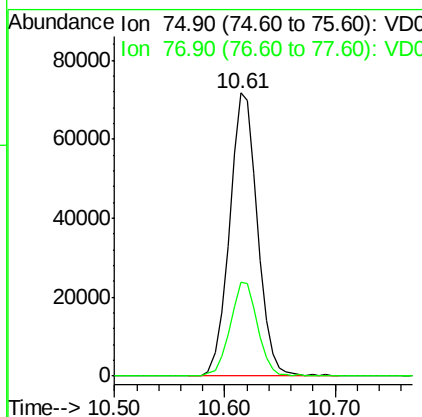
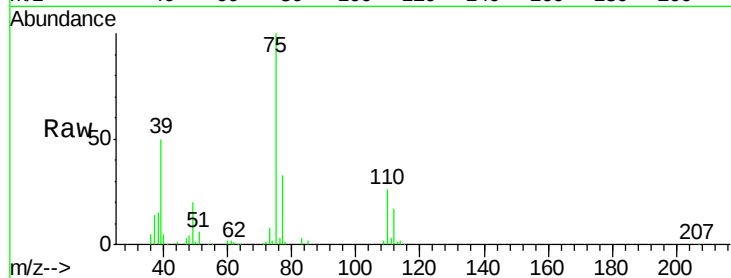
#53
 t-1,3-Dichloropropene
 Concen: 45.571 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420MS

Tot Ion: 75 Resp: 127313
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.2 39.2

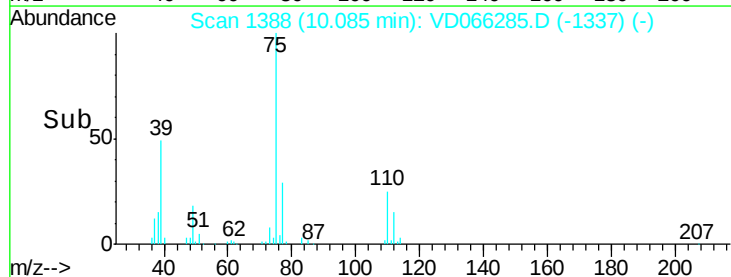
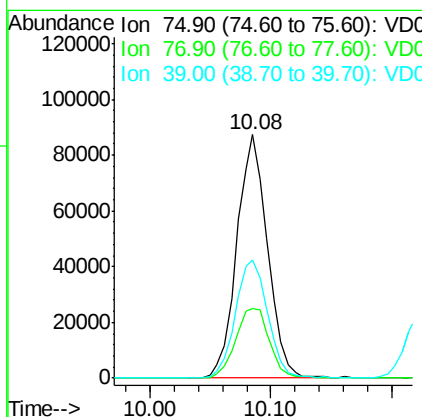
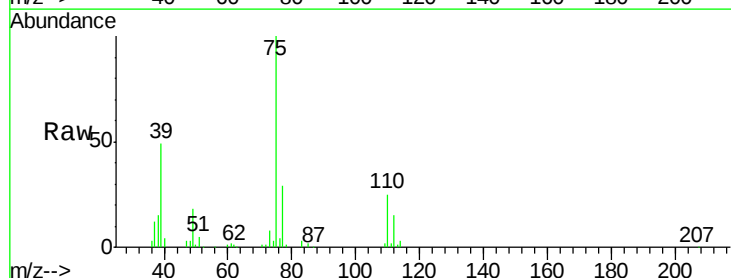
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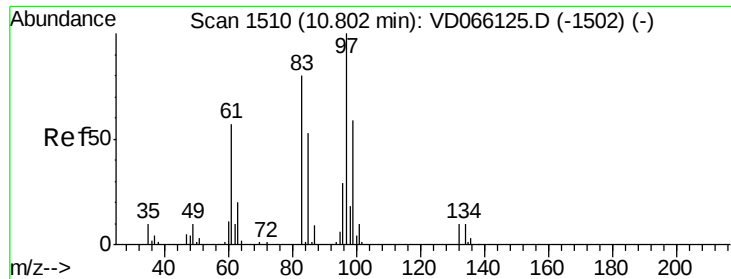
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#54
 cis-1,3-Dichloropropene
 Concen: 47.185 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Tgt Ion: 75 Resp: 154444
 Ion Ratio Lower Upper
 75 100
 77 28.6 24.3 36.5
 39 48.2 39.3 58.9





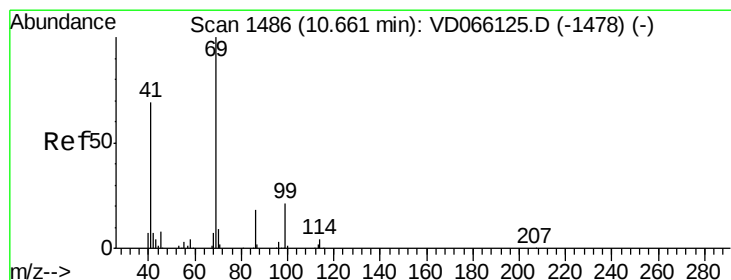
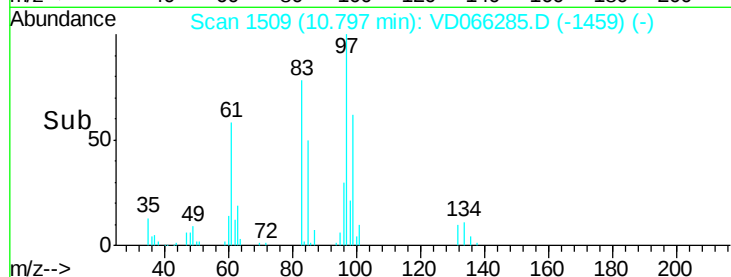
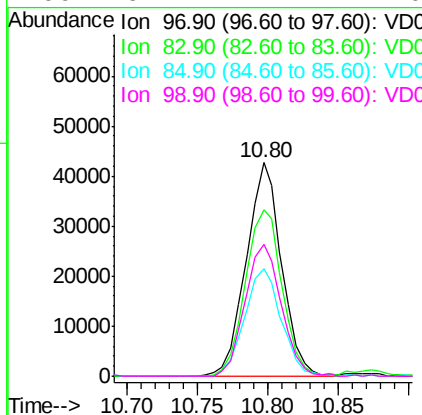
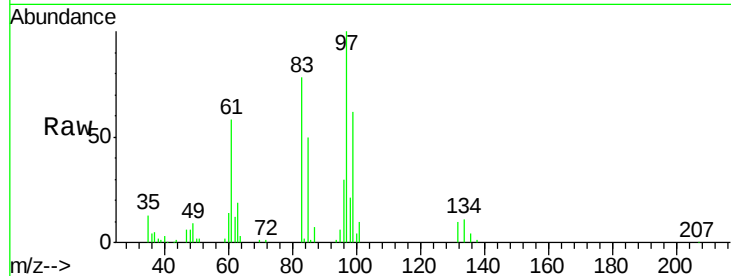
#55
 1,1,2-Trichloroethane
 Concen: 46.678 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420MS

Tot Ion:	97	Resp:	74864
Ion	Ratio	Lower	Upper
97	100		
83	78.0	63.9	95.9
85	50.3	42.5	63.7
99	61.7	47.4	71.0

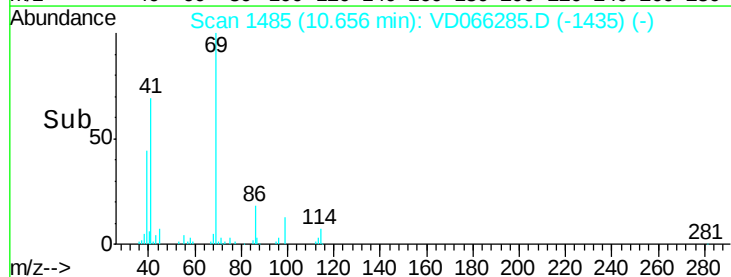
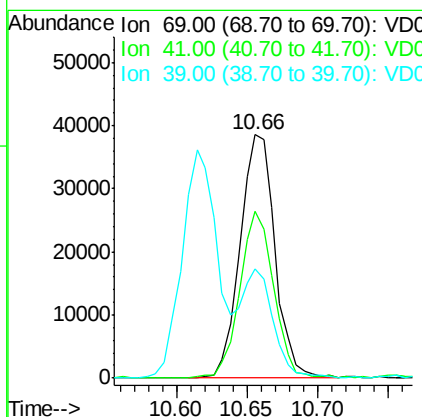
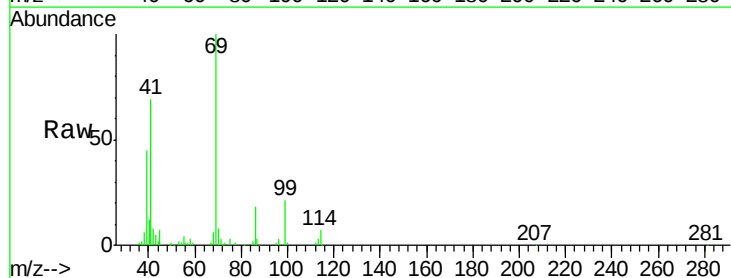
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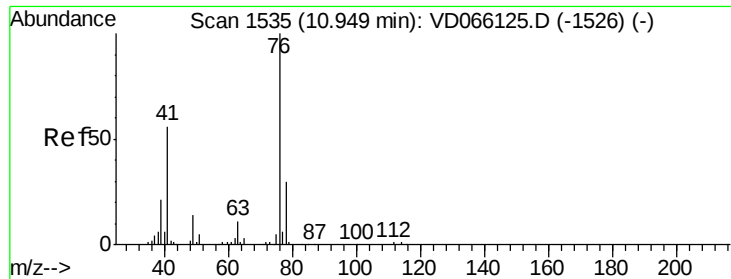
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#56
 Ethyl methacrylate
 Concen: 34.613 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Tgt Ion:	69	Resp:	66688
Ion	Ratio	Lower	Upper
69	100		
41	66.9	54.1	81.1
39	42.0	28.6	43.0





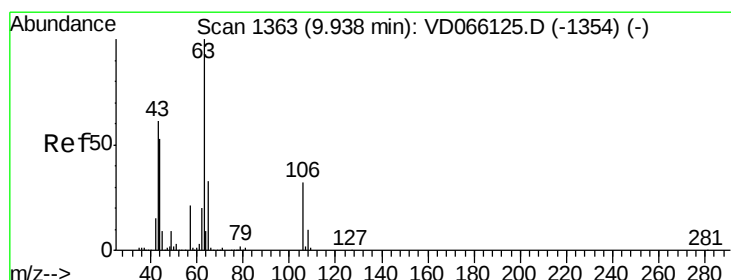
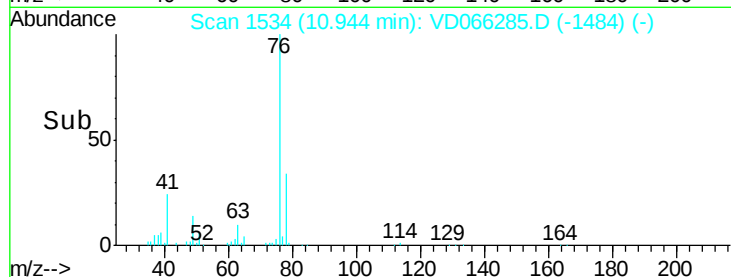
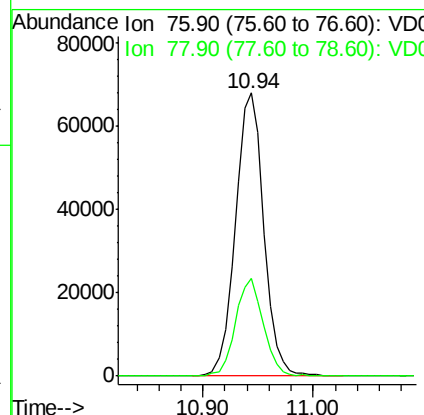
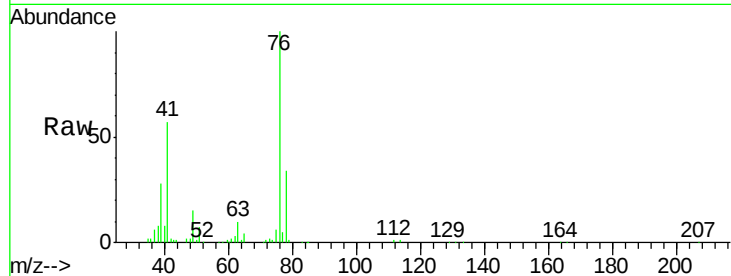
#57
 1,3-Dichloropropane
 Concen: 45.835 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.0	25.5	38.3

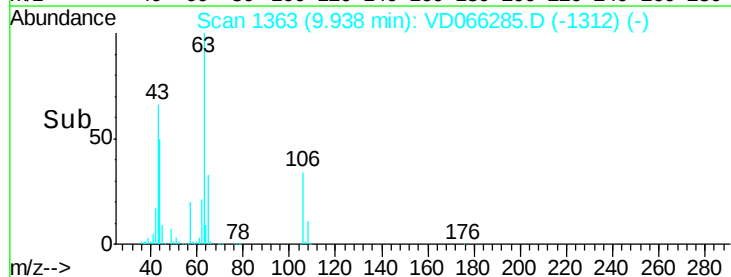
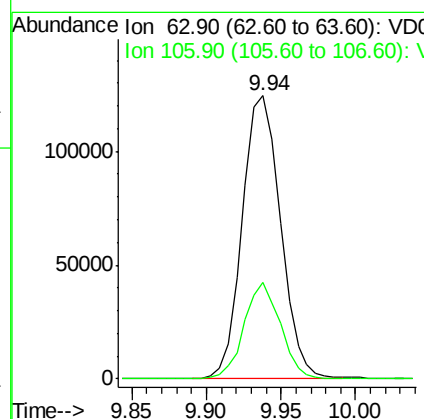
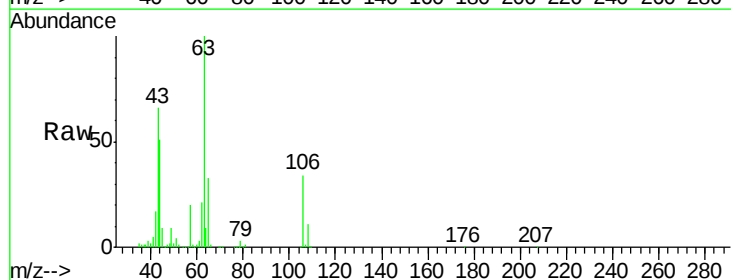
Manual Integrations
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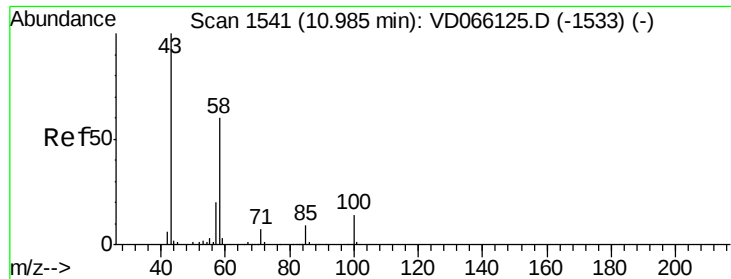
MMDadoda
 8/19/2020 5:23:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.436 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.4	25.3	37.9





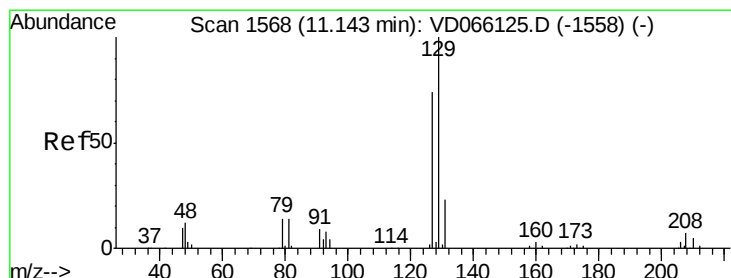
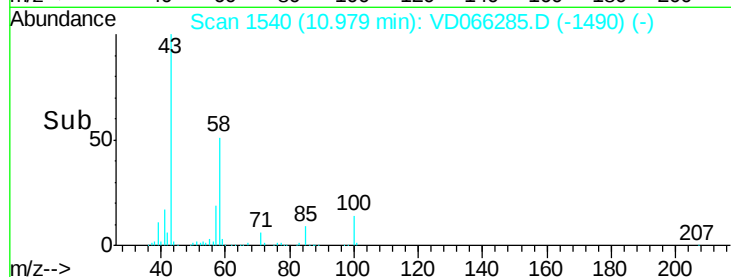
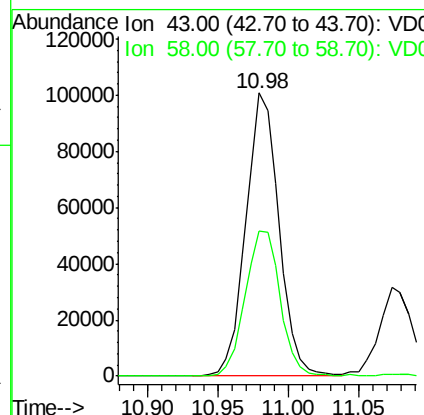
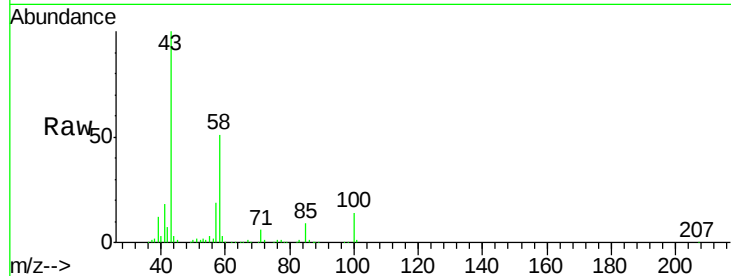
#59
2-Hexanone
Concen: 198.257 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	27.8	83.4

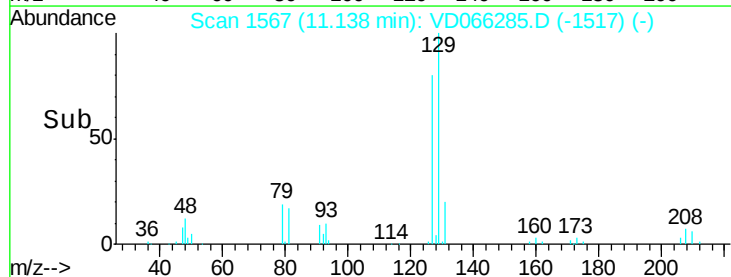
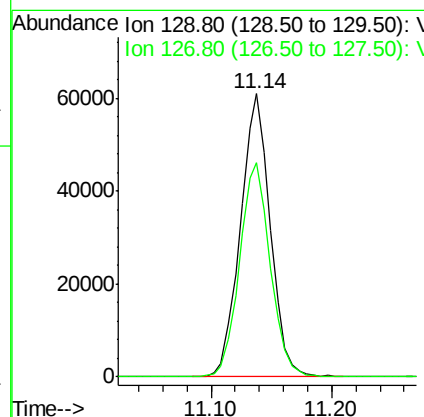
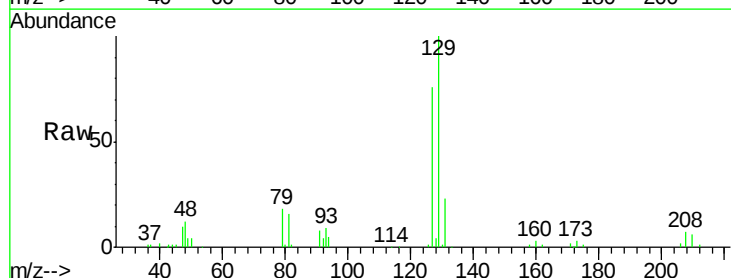
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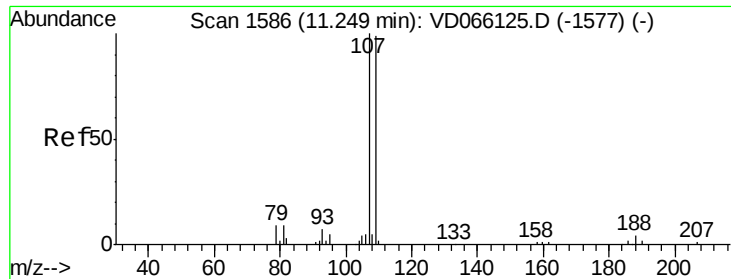
MMDadoda
8/19/2020 5:23:25 PM



#60
Dibromochloromethane
Concen: 47.317 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.0	114.1





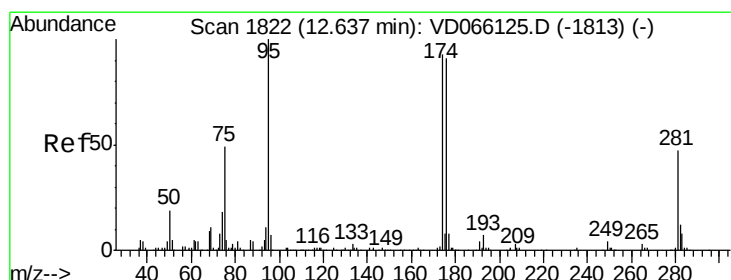
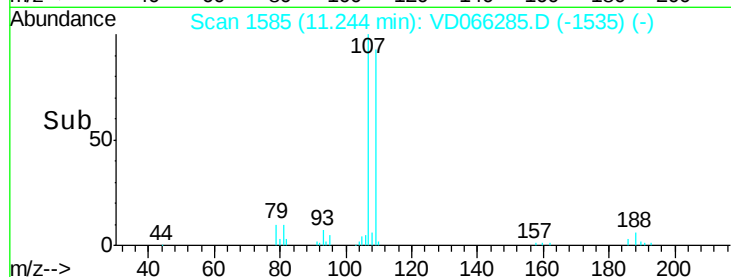
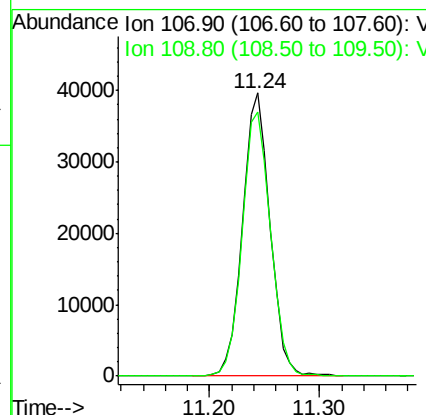
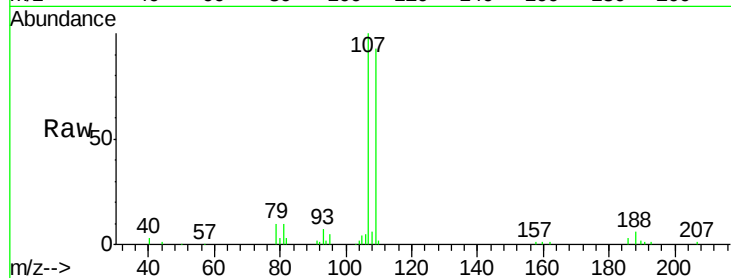
#61
 1,2-Dibromoethane
 Concen: 44.950 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420MS

Tot Ion: 107 Resp: 69333
 Ion Ratio Lower Upper
 107 100
 109 96.5 76.5 114.7

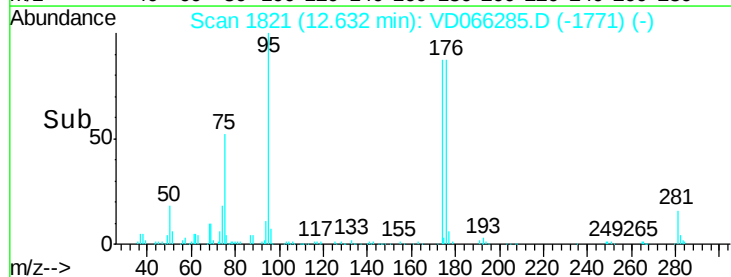
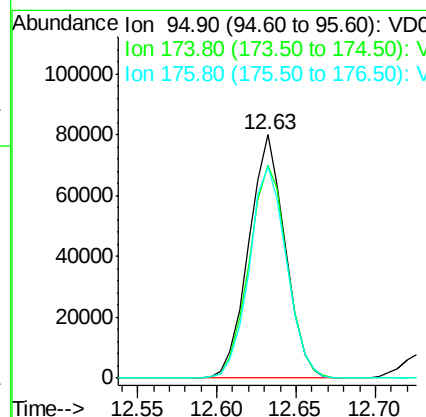
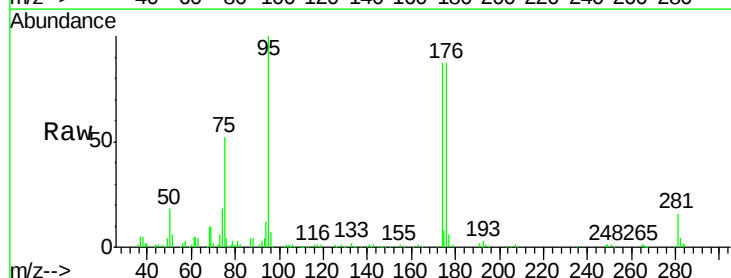
Manual Integrations
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 8/19/2020 5:23:25 PM



#62
 4-Bromofluorobenzene
 Concen: 47.759 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Tgt Ion: 95 Resp: 127643
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 180.8
 176 88.9 0.0 181.2





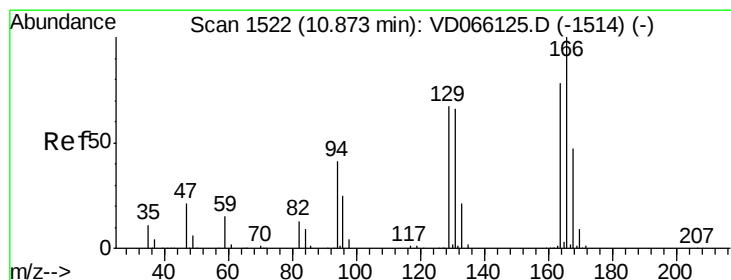
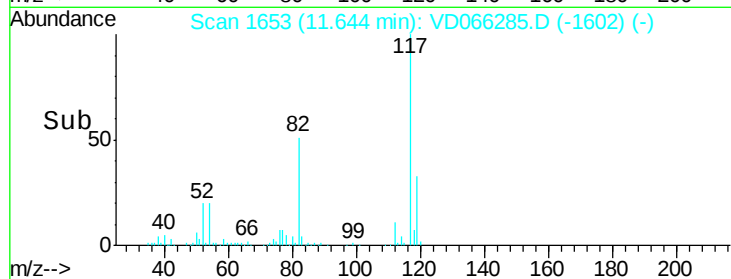
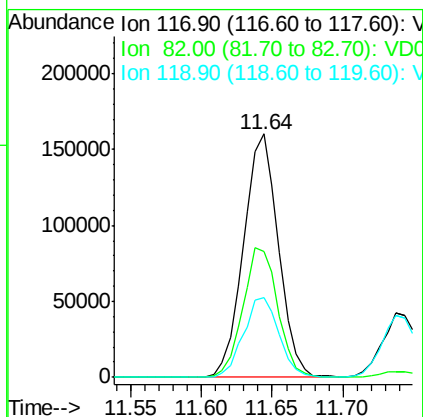
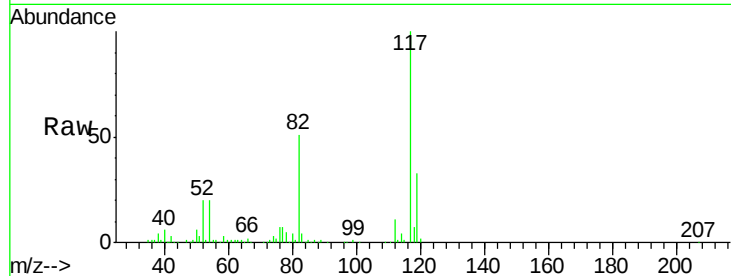
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.0	64.4
119	32.6	26.1	39.1

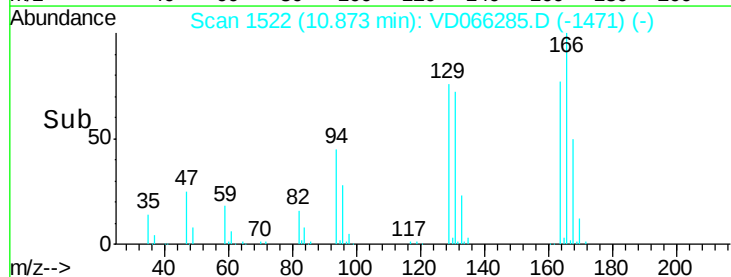
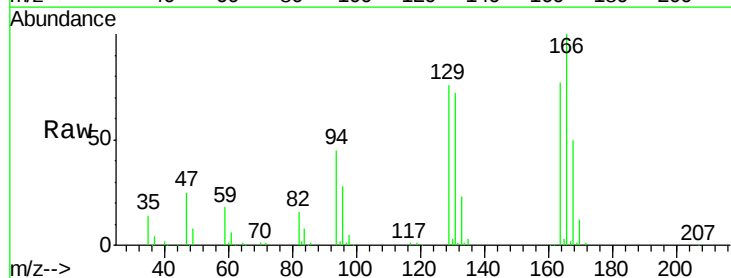
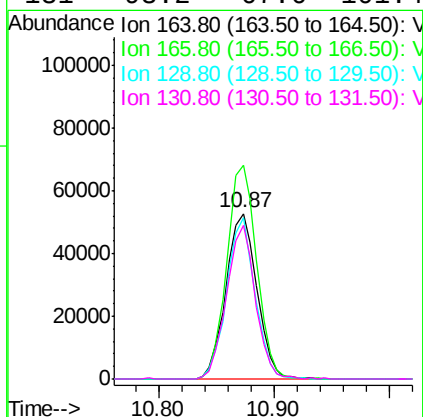
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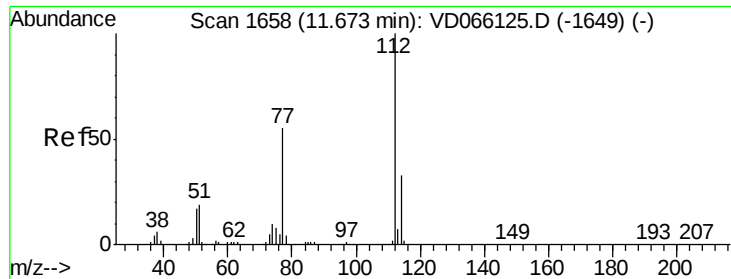
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#64
Tetrachloroethene
Concen: 45.947 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	101.9	152.9
129	98.0	68.1	102.1
131	93.2	67.6	101.4





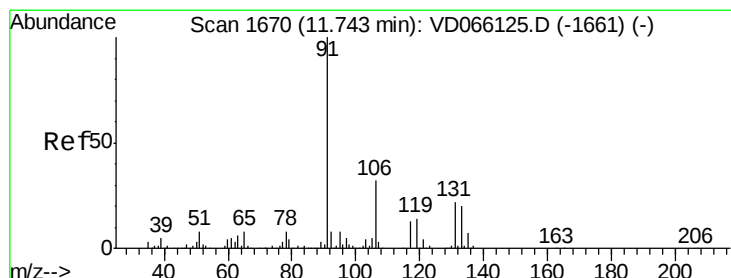
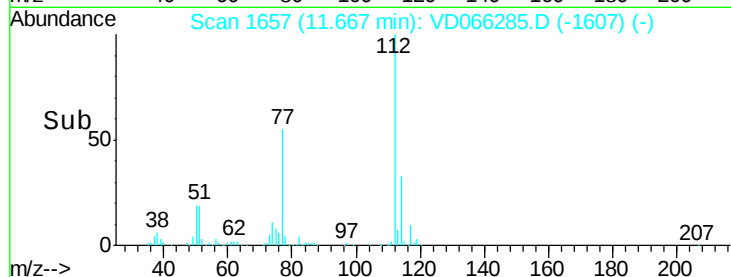
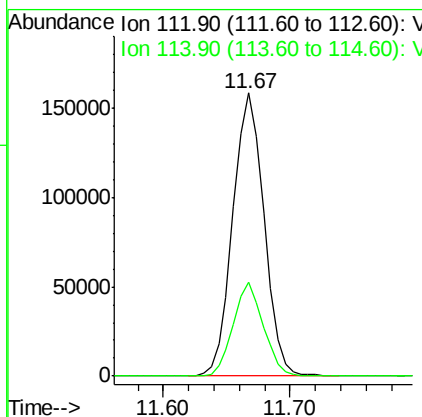
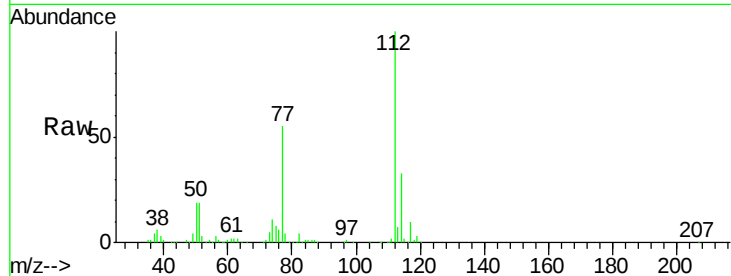
#65
Chlorobenzene
Concen: 47.936 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	270469		
114	33.0	26.1	39.1	

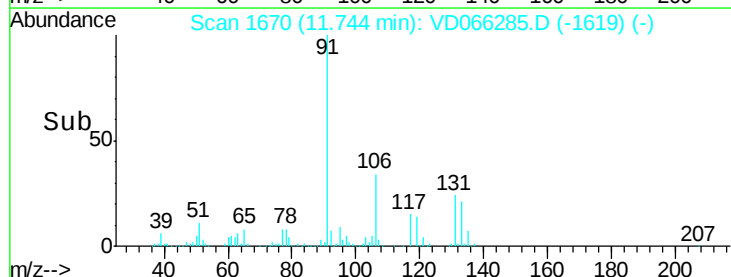
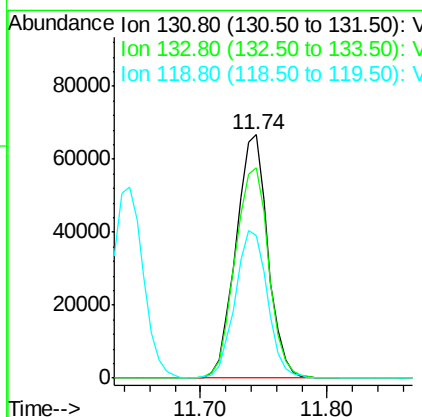
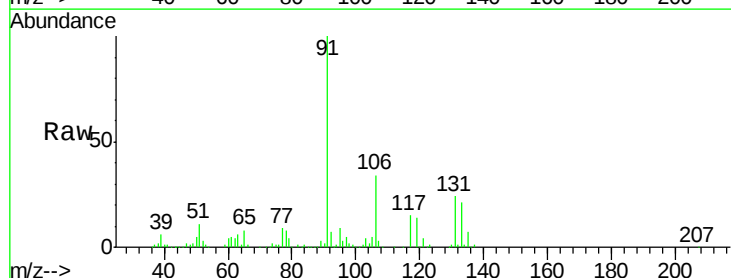
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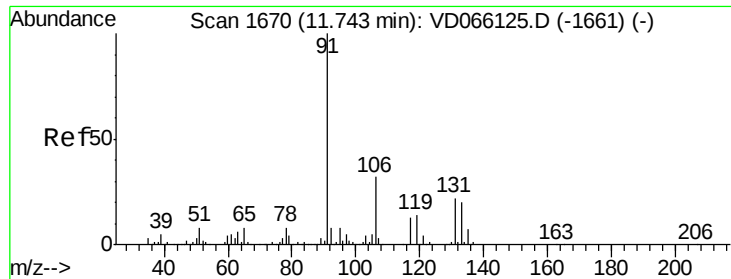
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.766 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	116491		
133	91.1	47.1	141.4	
119	61.3	31.6	94.7	





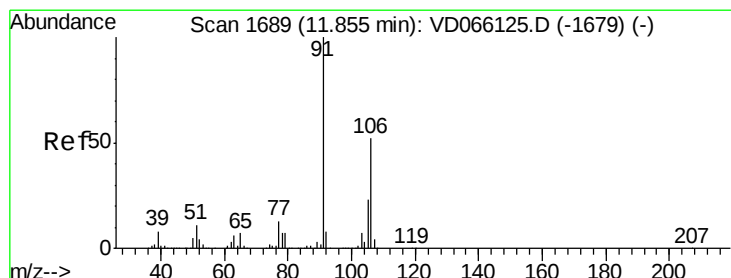
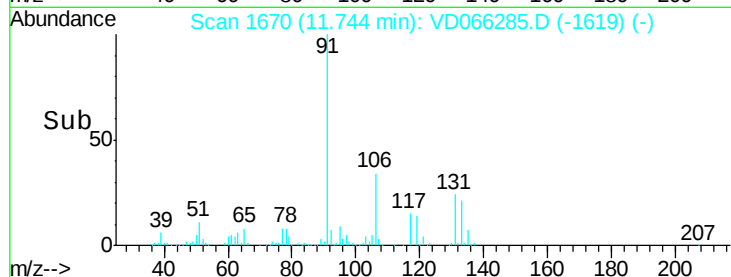
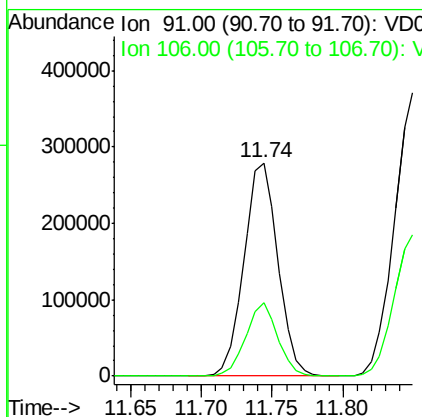
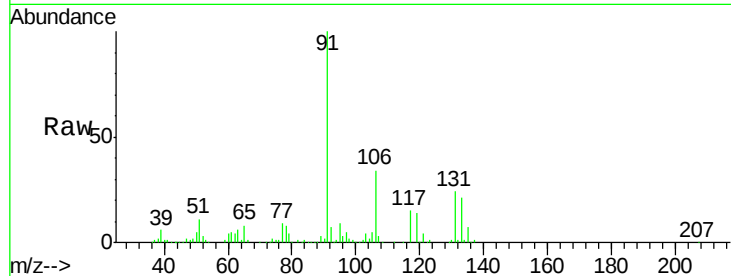
#67
Ethyl Benzene
Concen: 48.100 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion: 91 Resp: 470303
Ion Ratio Lower Upper
91 100
106 34.2 25.7 38.5

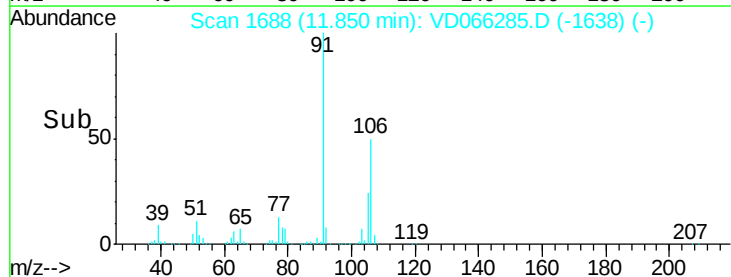
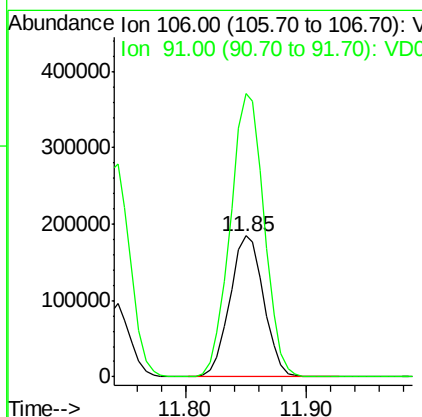
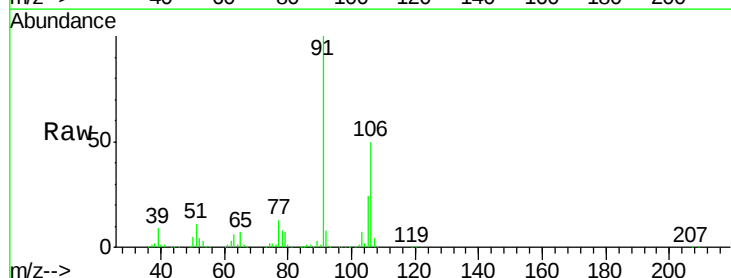
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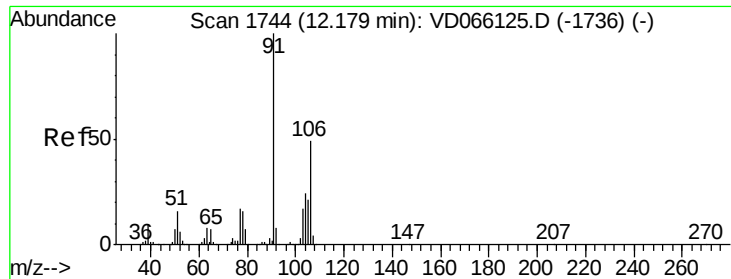
MMDadoda
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#68
m/p-Xylenes
Concen: 95.229 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion: 106 Resp: 360752
Ion Ratio Lower Upper
106 100
91 200.5 156.6 235.0





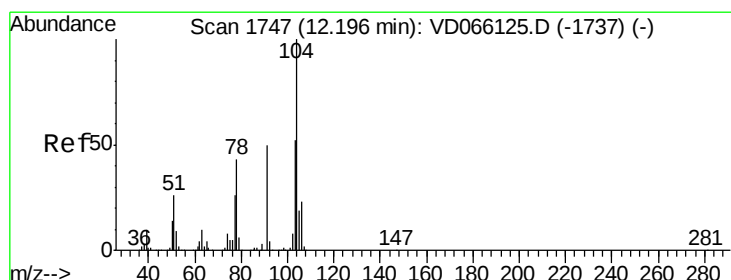
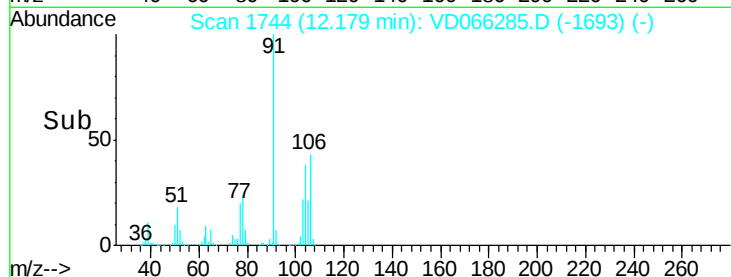
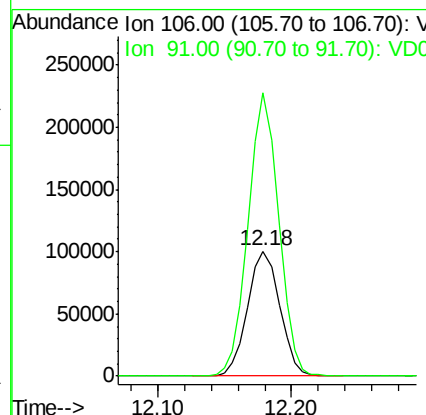
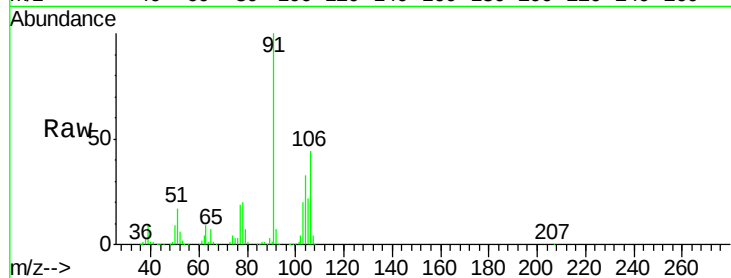
#69
o-Xylene
Concen: 48.479 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.4	105.7	317.1	

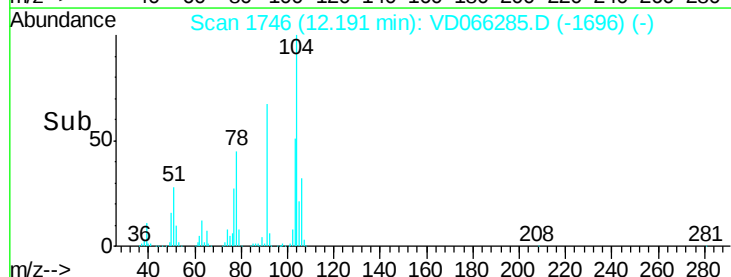
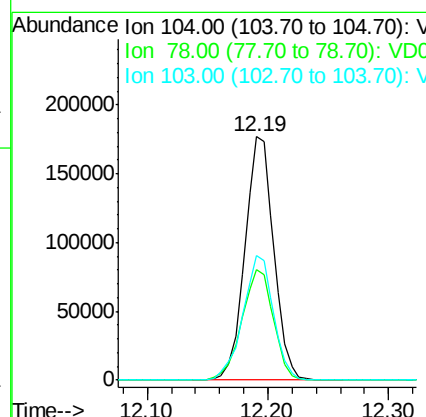
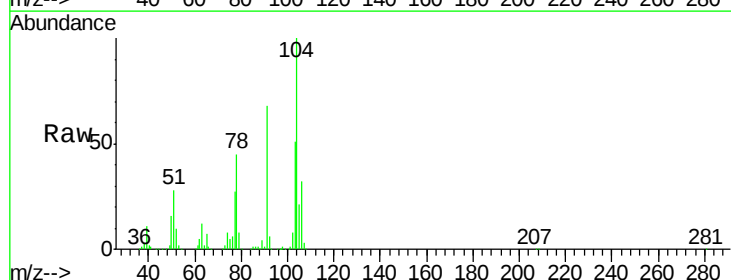
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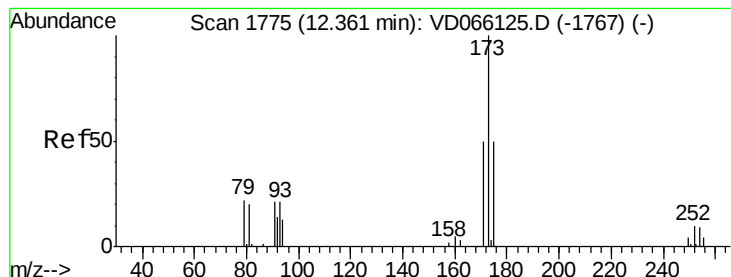
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#70
Styrene
Concen: 48.658 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.6	38.6	58.0	
103	54.2	44.1	66.1	





#71

Bromoform

Concen: 48.978 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

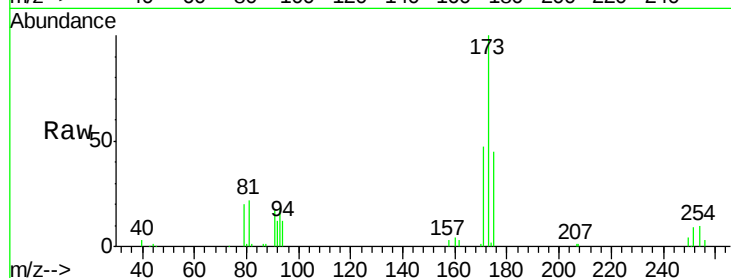
ClientSampleId :

S406-K-SO-1-1.5-081420MS

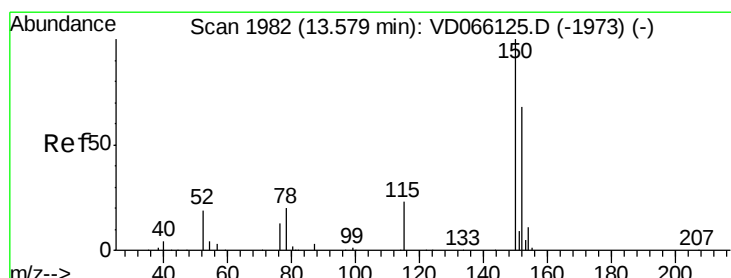
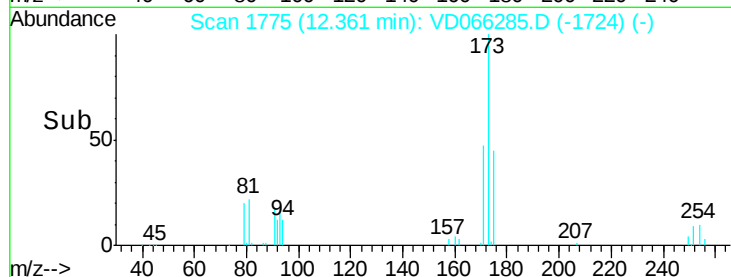
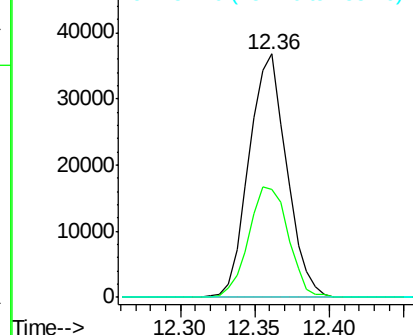
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.6	73.6
254	0.0	0.2	0.2

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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

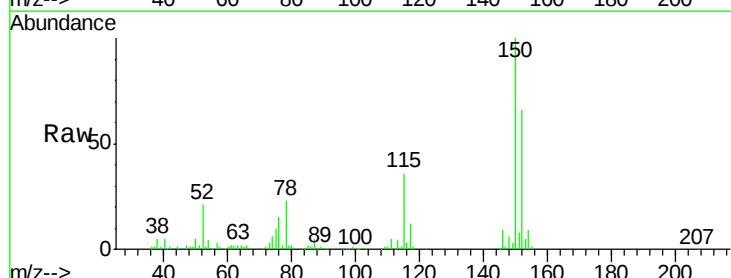
RT: 13.57 min Scan# 1981

Delta R.T. -0.01 min

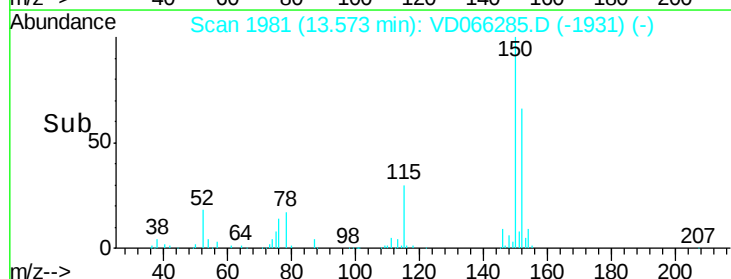
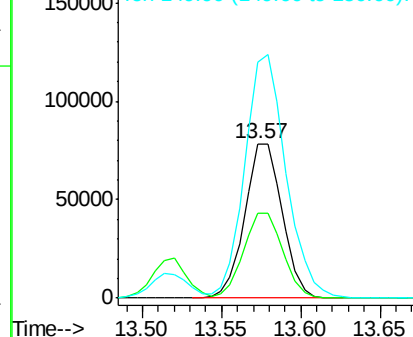
Lab File: VD066285.D

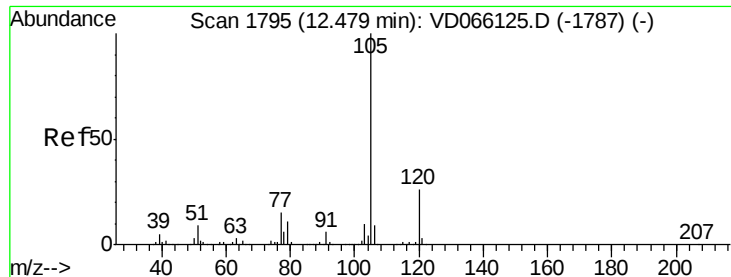
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.0	83.9
150	173.3	0.0	346.4



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





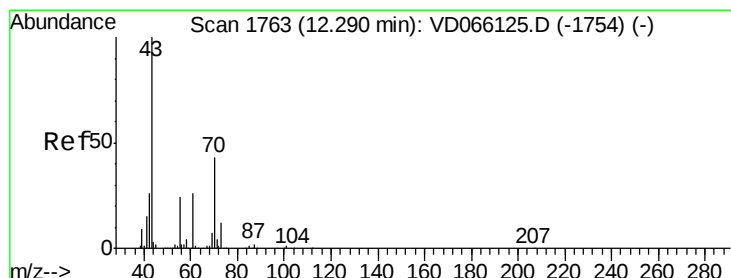
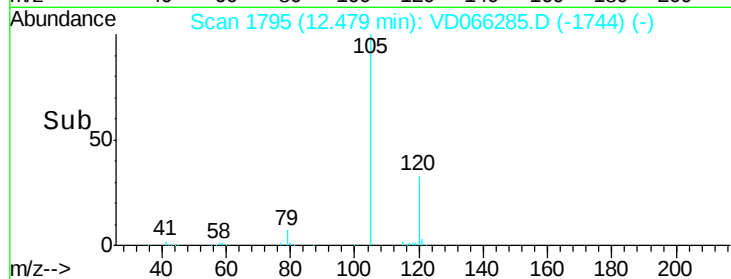
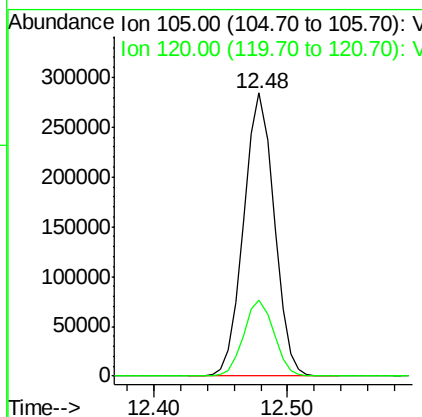
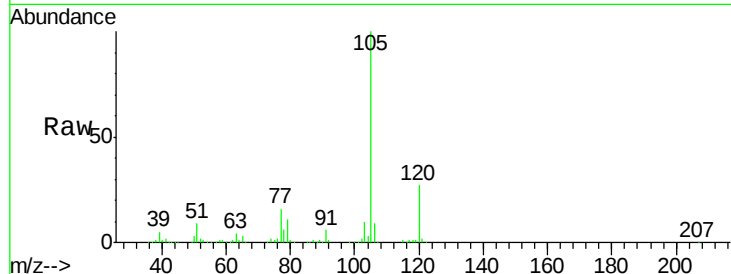
#73
Isopropylbenzene
Concen: 52.324 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9

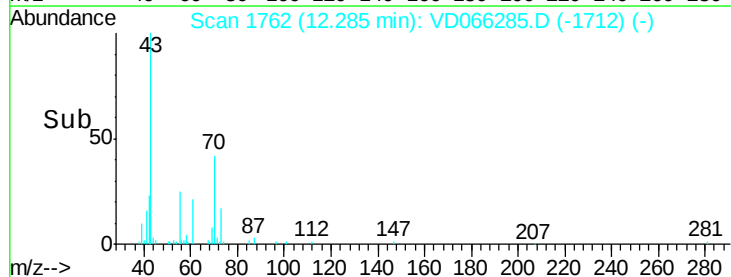
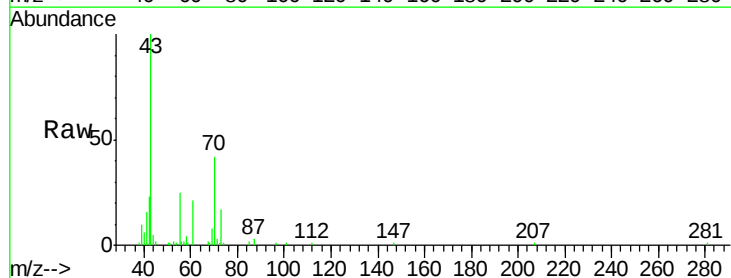
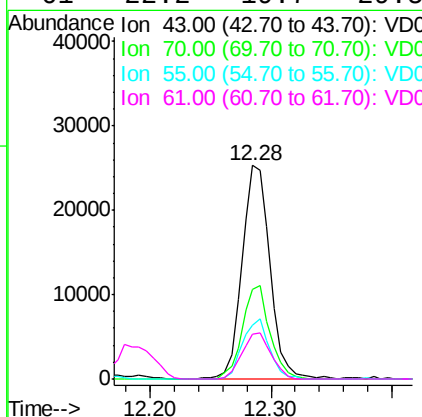
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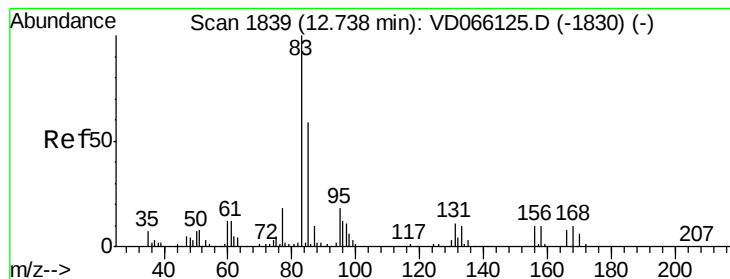
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#74
N-ethyl acetate
Concen: 21.653 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.7	34.9	52.3
55	26.8	19.2	28.8
61	22.2	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.885 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

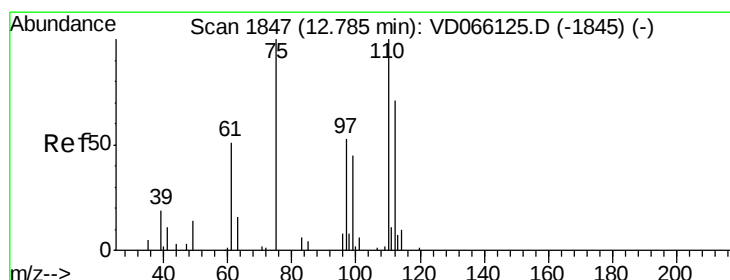
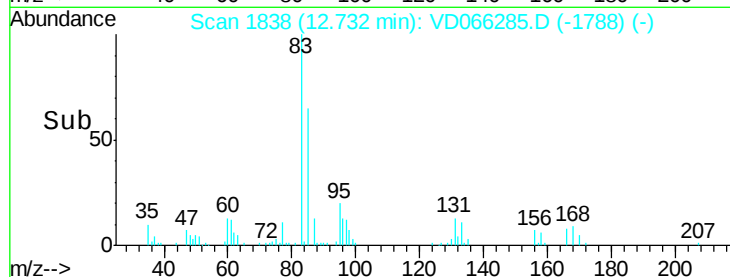
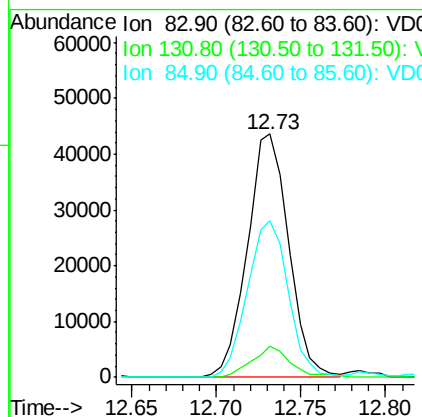
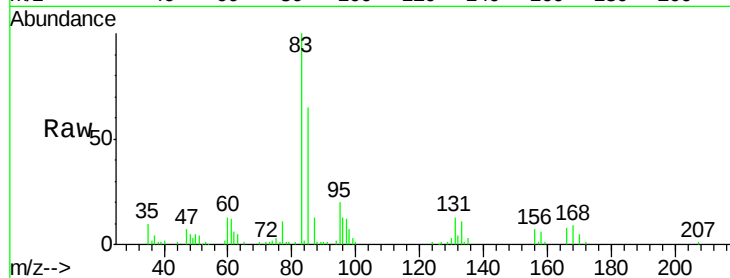
ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion:	83	Resp:	74519
Ion Ratio	Lower	Upper	
83	100		
131	11.9	6.2	18.6
85	63.5	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 51.430 ug/l m

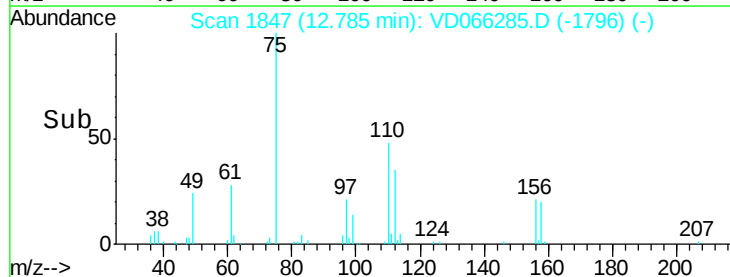
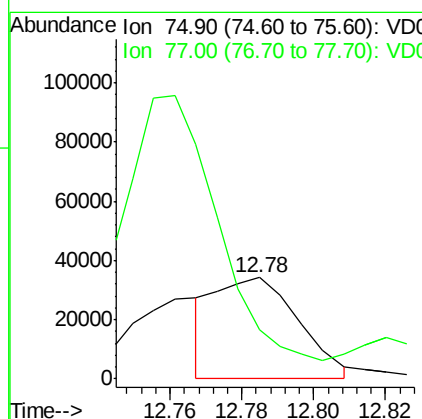
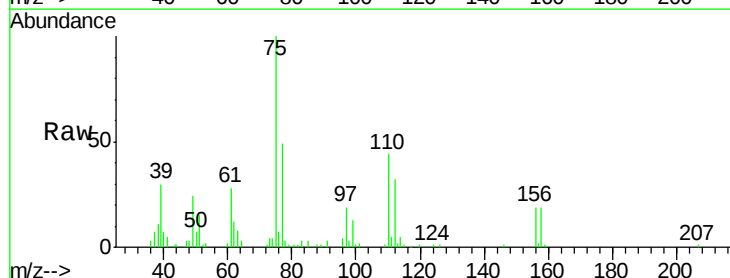
RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Tgt Ion:	75	Resp:	55181
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





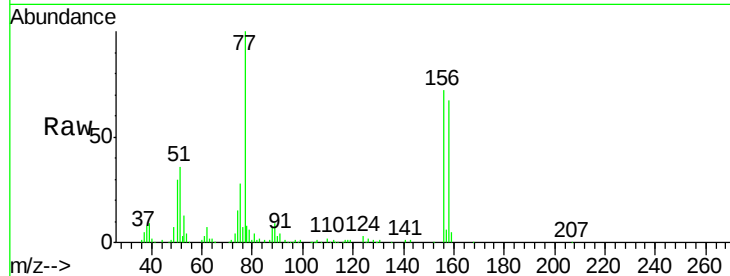
#77
Bromobenzene
Concen: 52.191 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

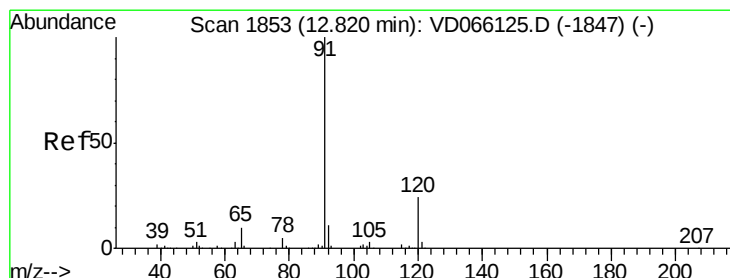
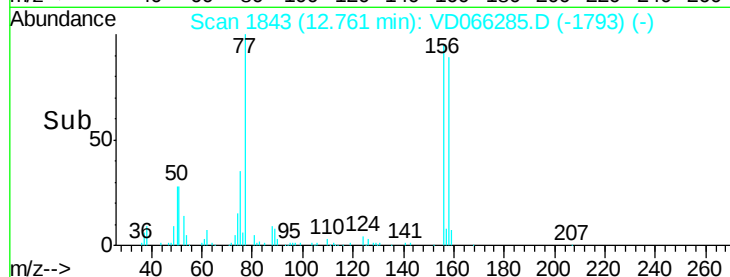
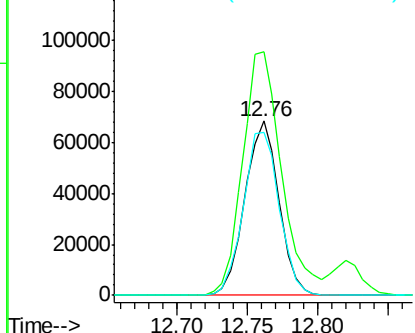
Tot Ion	Ratio	Lower	Upper
156	100		
77	161.2	81.0	243.1
158	99.2	48.8	146.3

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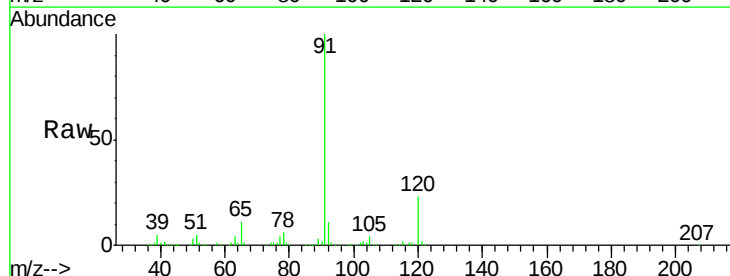


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

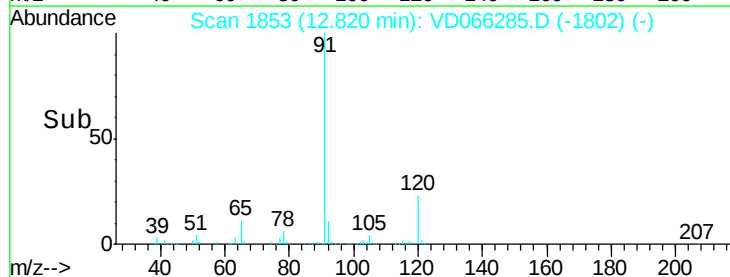
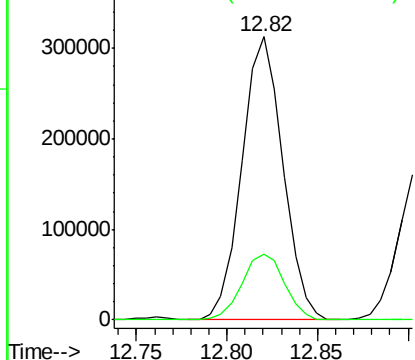


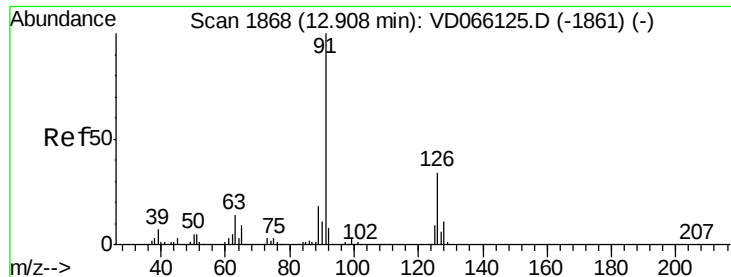
#78
n-propylbenzene
Concen: 49.084 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





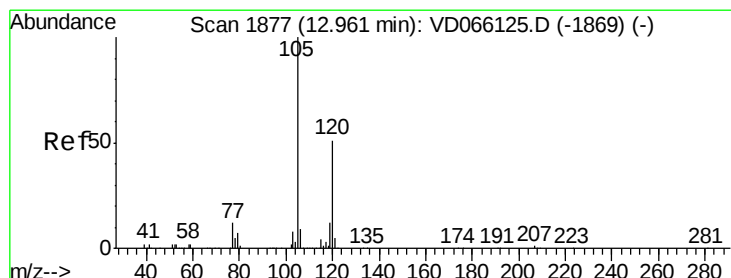
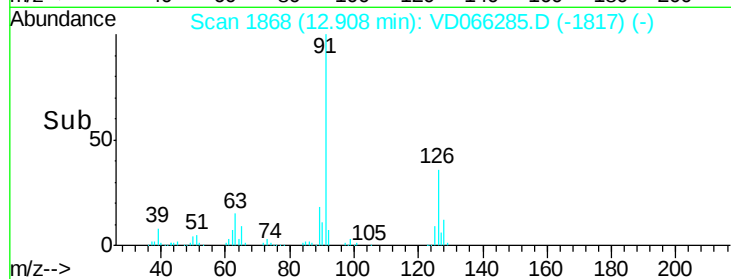
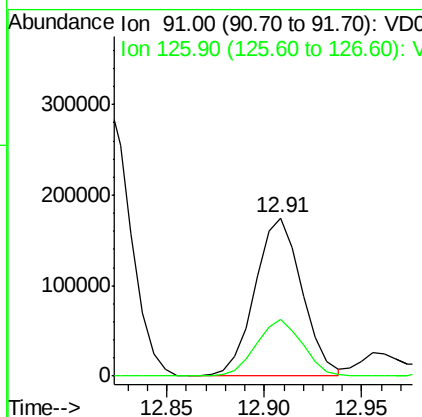
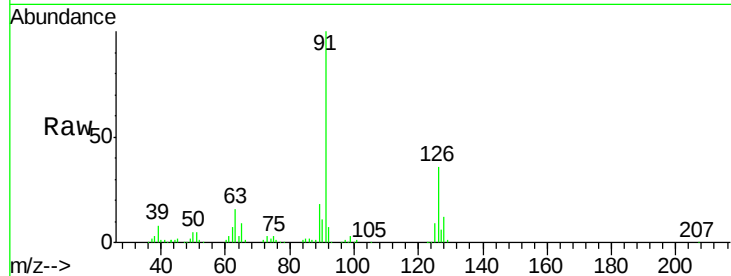
#79
 2-Chlorotoluene
 Concen: 50.665 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.5	52.6

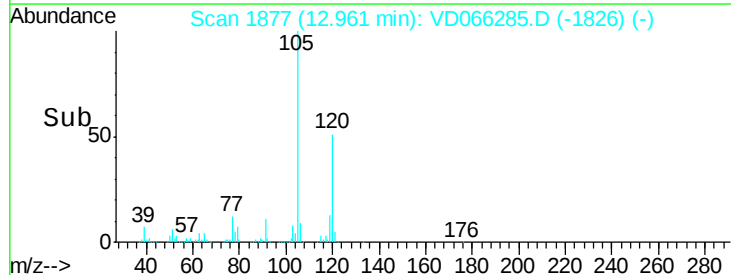
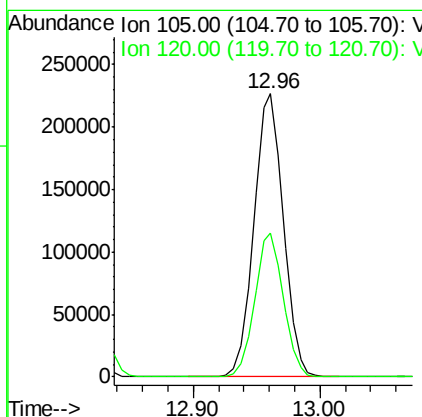
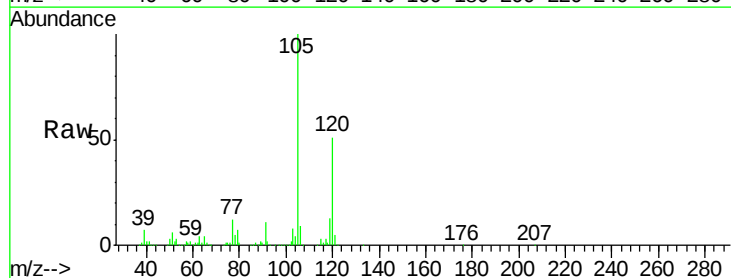
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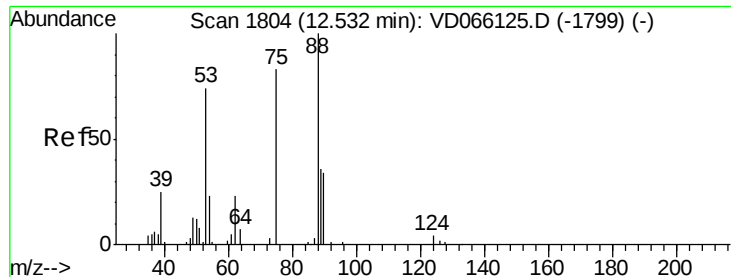
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.067 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.4	25.3	75.8





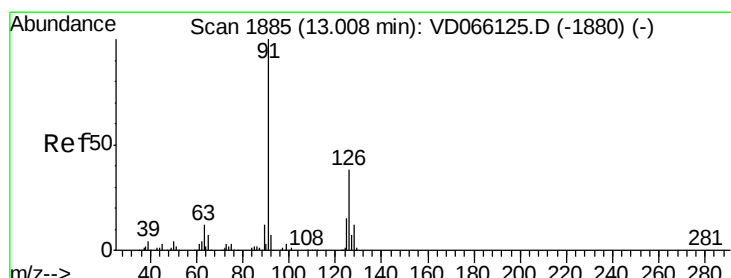
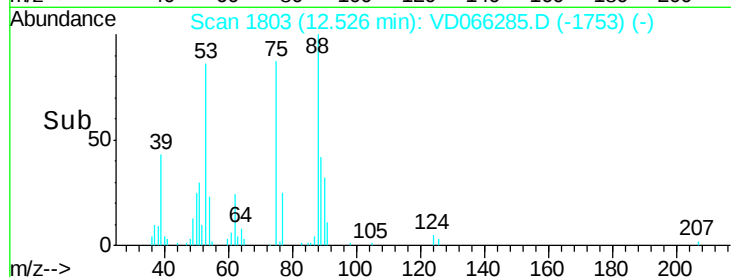
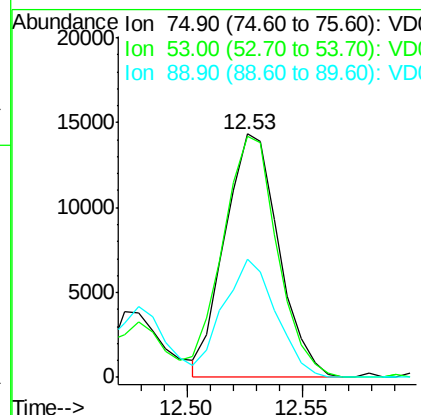
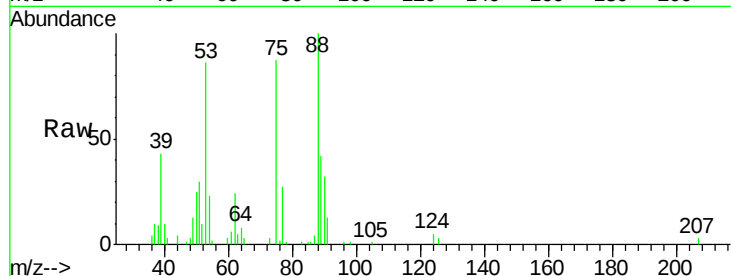
#81
trans-1,4-Dichloro-2-butene
Concen: 47.925 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.5	73.4	110.2
89	47.6	36.6	55.0

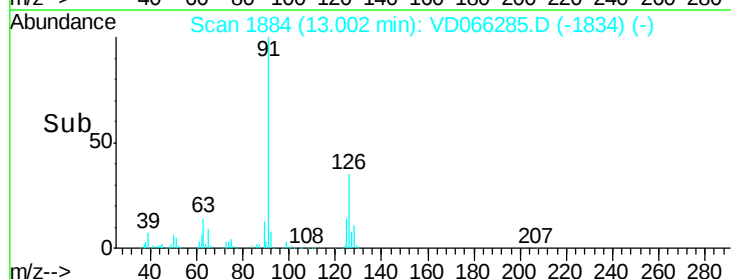
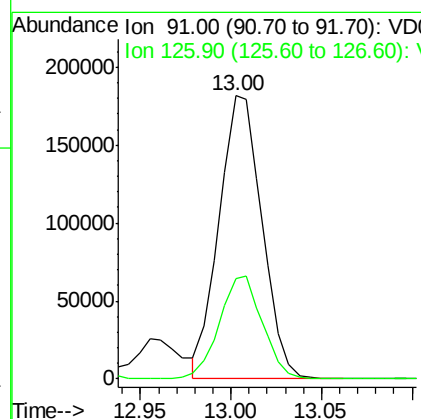
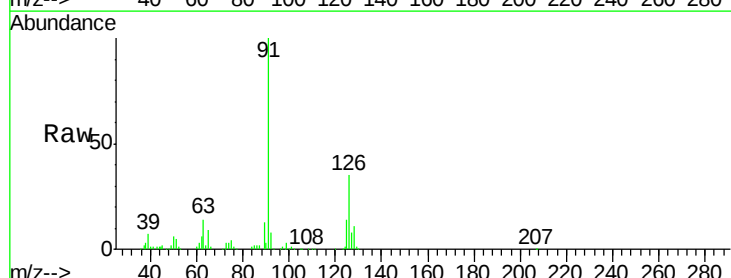
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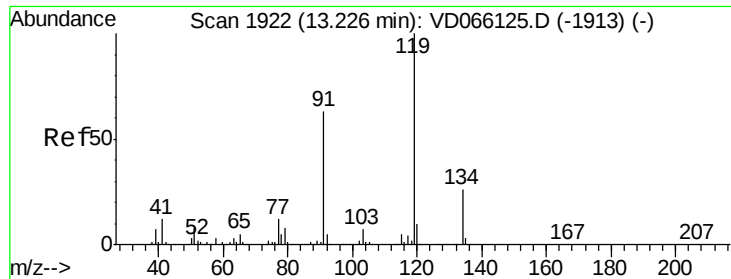
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#82
4-Chlorotoluene
Concen: 49.513 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	17.8	53.3





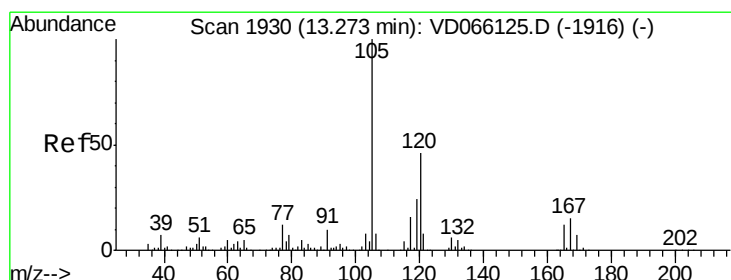
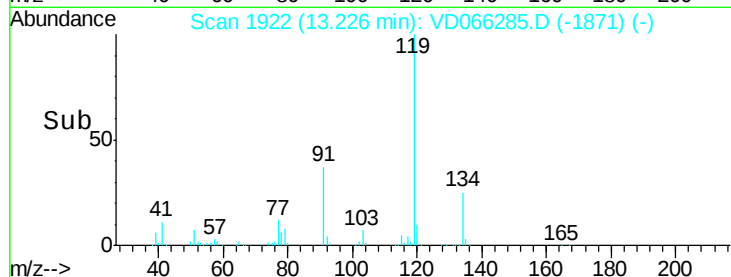
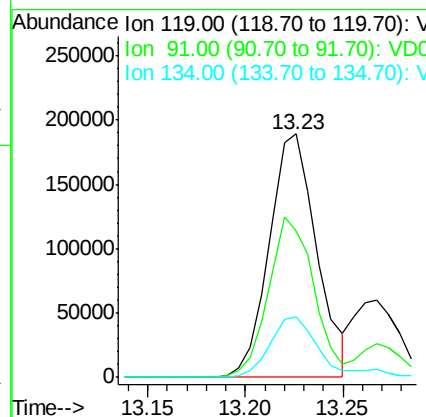
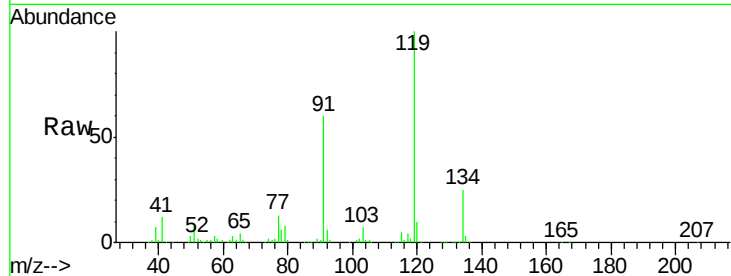
#83
tert-Butylbenzene
Concen: 50.468 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	318781		
91	62.8		30.8	92.4
134	26.4		13.6	40.8

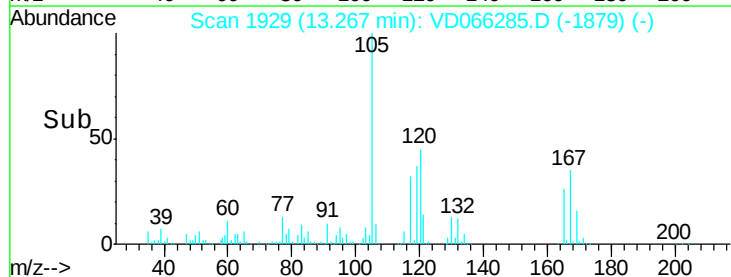
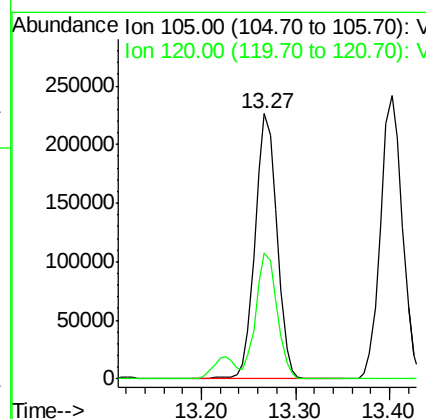
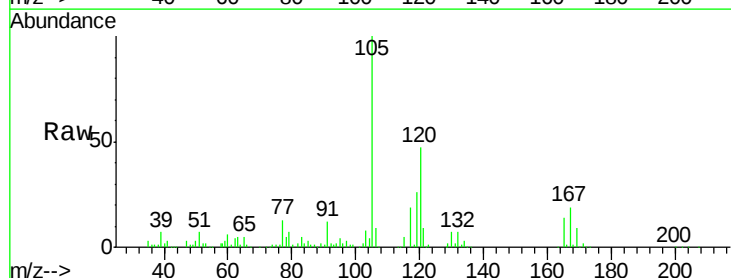
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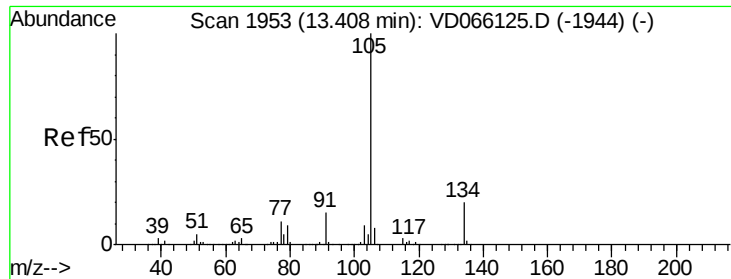
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#84
1,2,4-Trimethylbenzene
Concen: 50.825 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	365331		
120	45.8		23.1	69.2





#85

sec-Butylbenzene

Concen: 45.557 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion:105 Resp: 388518

Ion Ratio Lower Upper

105 100

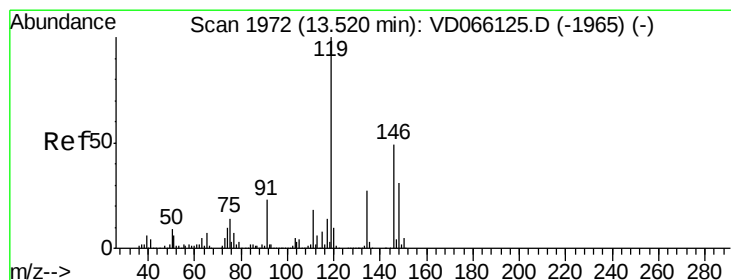
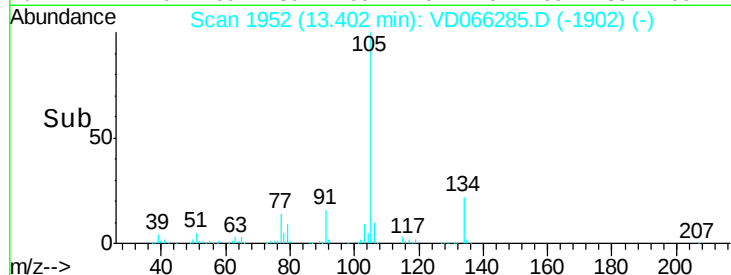
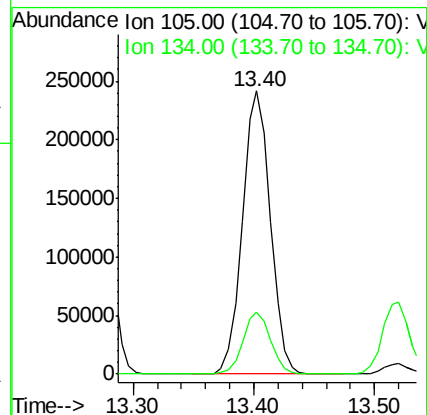
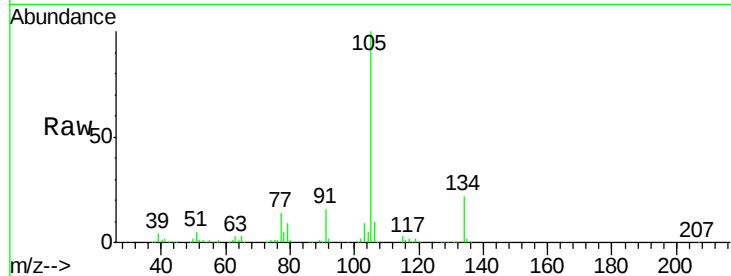
134 21.5 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 45.700 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

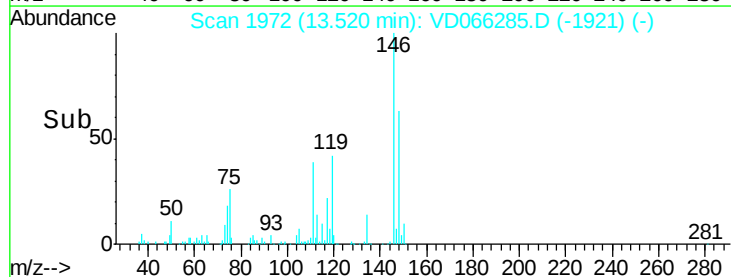
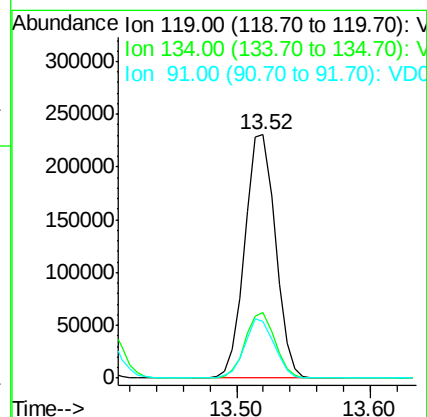
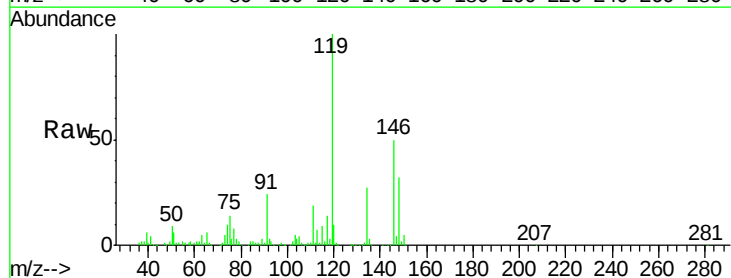
Tgt Ion:119 Resp: 365533

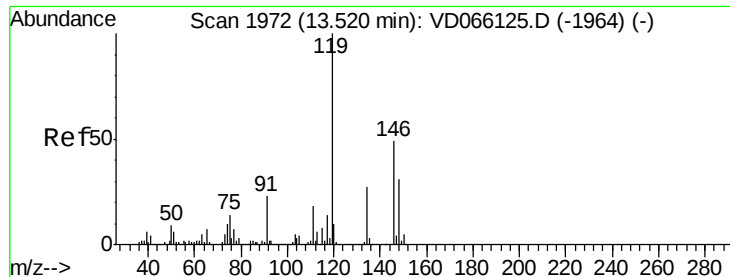
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 23.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 47.718 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Instrument :

MSVOA_D

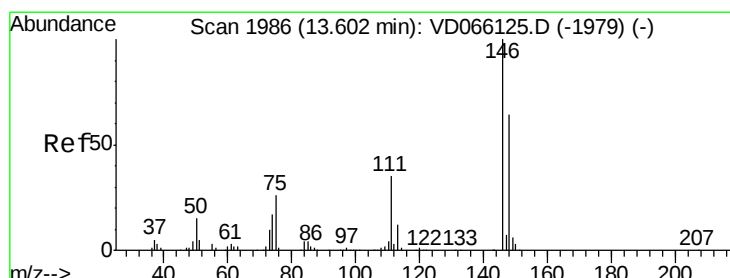
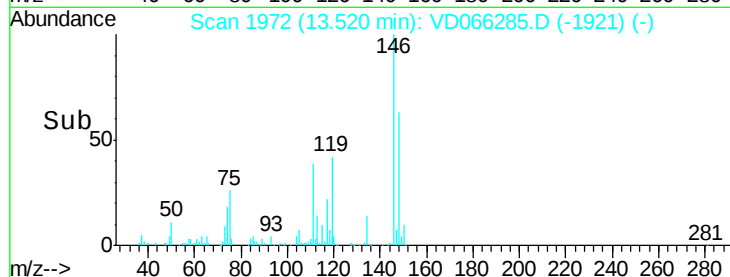
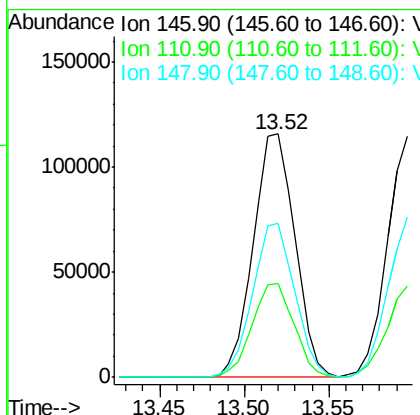
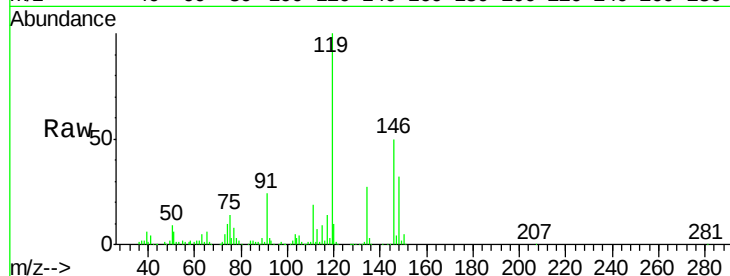
ClientSampleId :

S406-K-SO-1-1.5-081420MS

Tot Ion:	146	Resp:	198273
Ion Ratio	Lower	Upper	
146	100		
111	38.9	18.9	56.9
148	63.9	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 47.425 ug/l

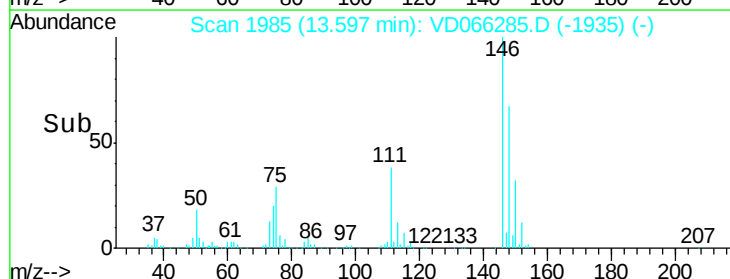
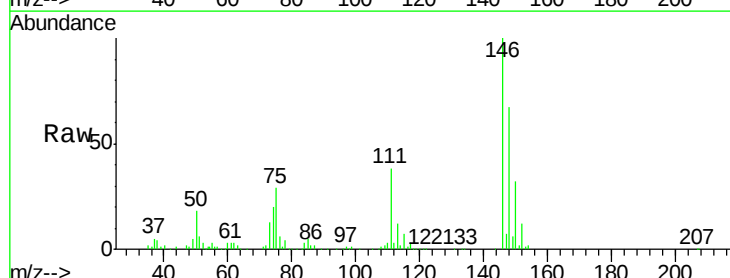
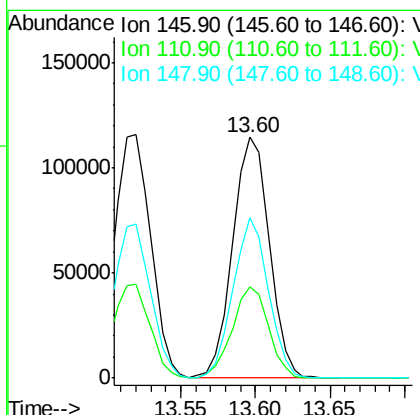
RT: 13.60 min Scan# 1985

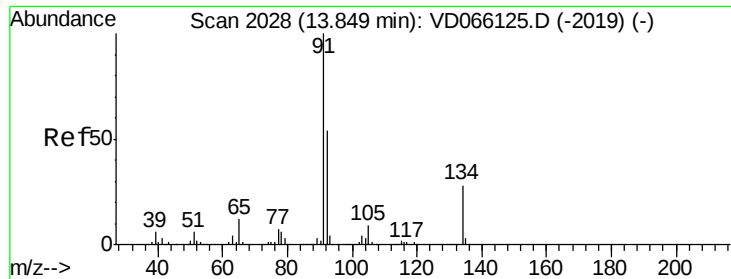
Delta R.T. -0.01 min

Lab File: VD066285.D

Acq: 18 Aug 2020 18:31

Tgt Ion:	146	Resp:	196522
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.6	55.8
148	63.8	32.4	97.0





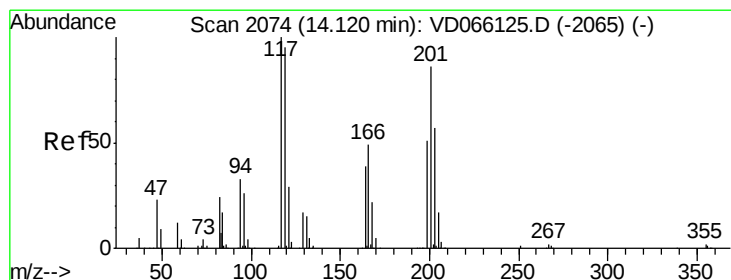
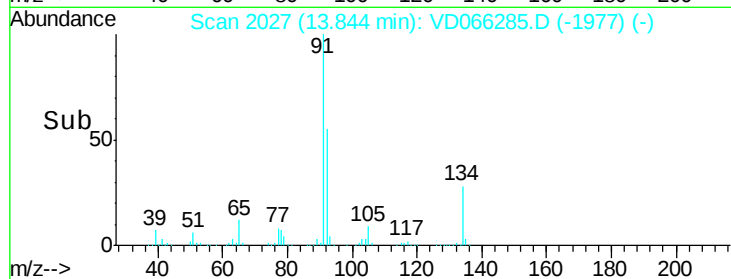
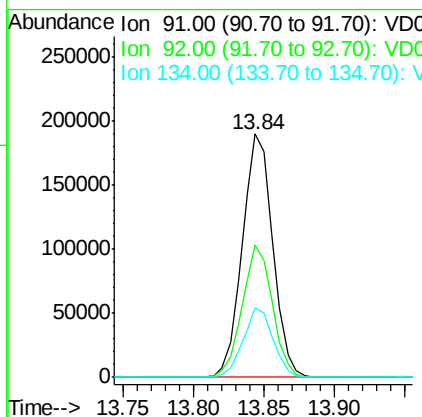
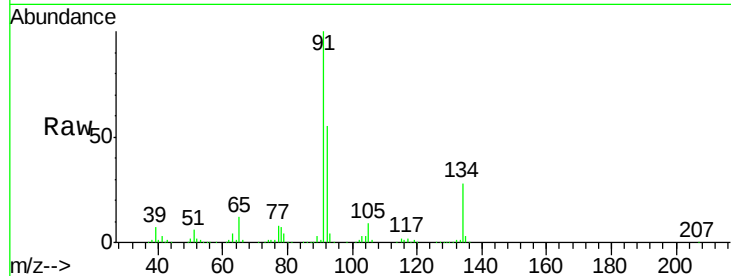
#89
n-Butylbenzene
Concen: 39.971 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	286447		
92	53.8		26.8	80.3
134	28.3		14.0	41.9

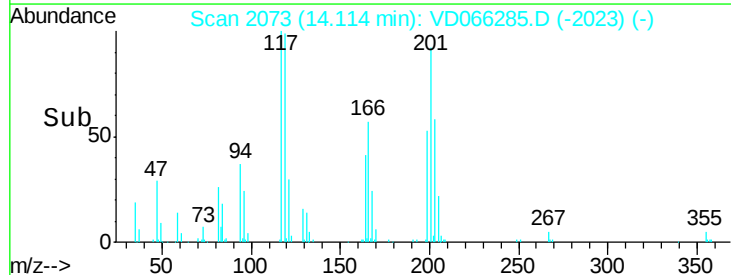
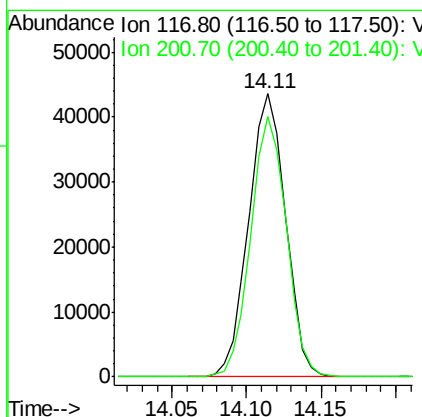
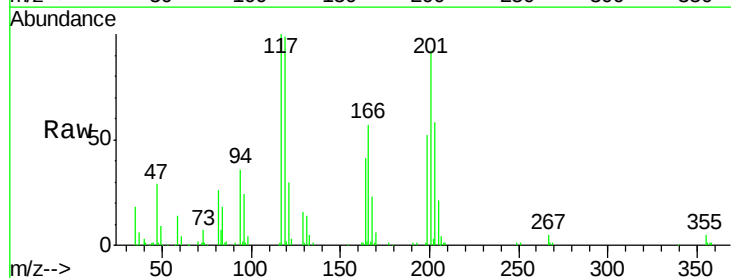
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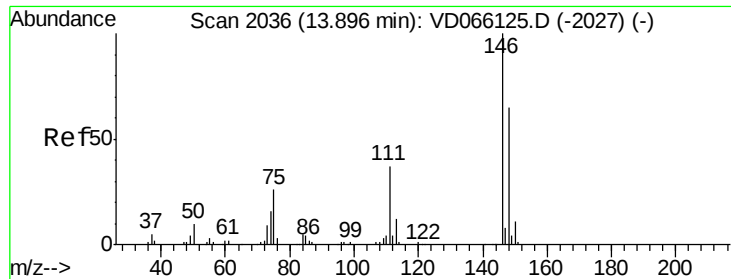
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#90
Hexachloroethane
Concen: 46.840 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74722		
201	88.6		42.7	128.1





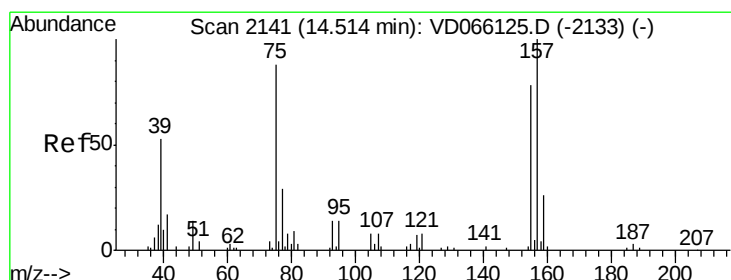
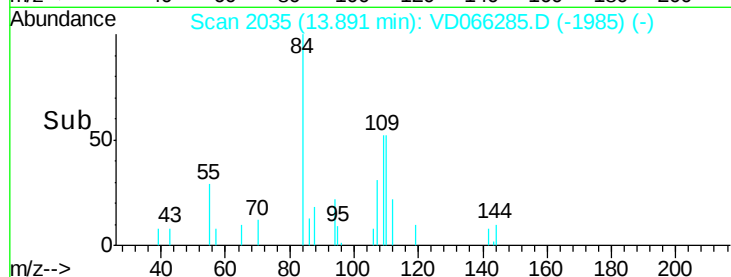
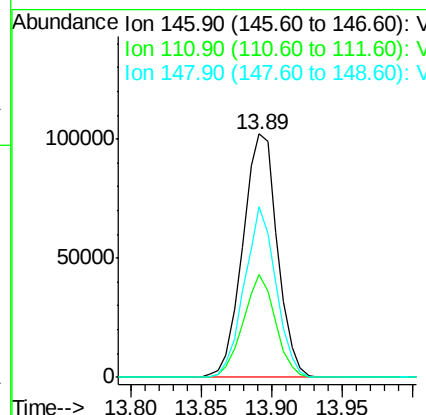
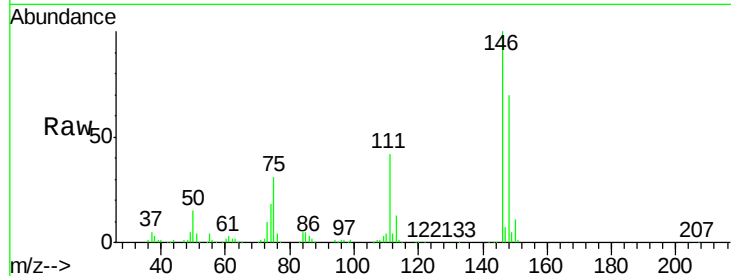
#91
 1,2-Dichlorobenzene
 Concen: 47.760 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.8	56.3
148	63.9	31.9	95.5

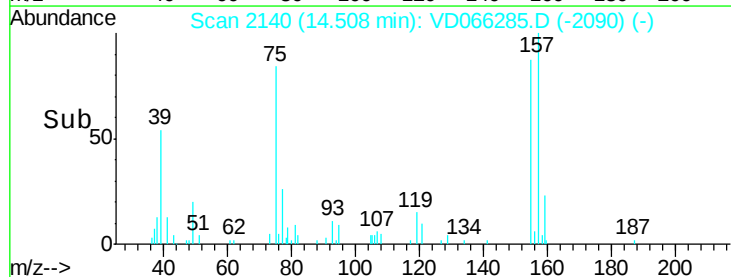
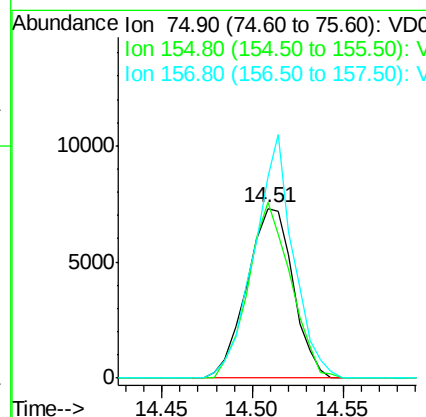
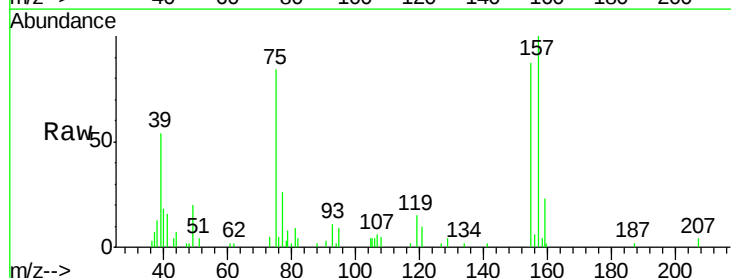
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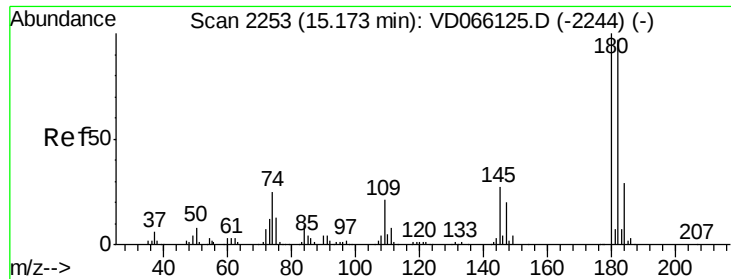
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.519 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	47.7	143.1
157	121.8	62.1	186.2





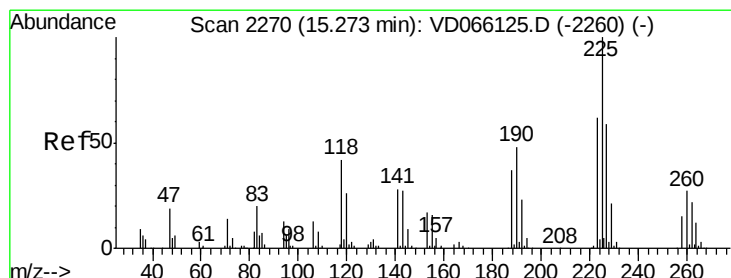
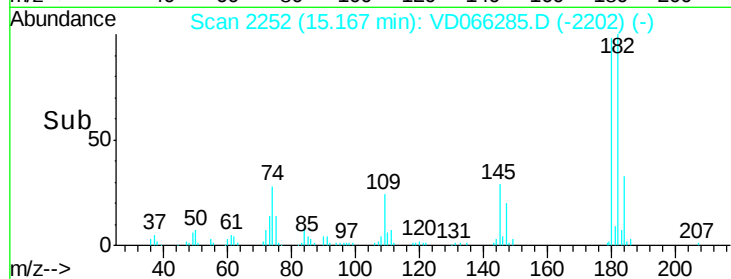
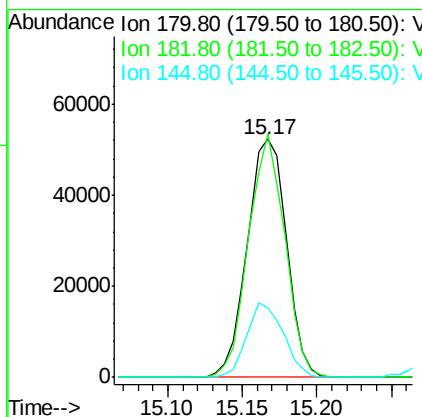
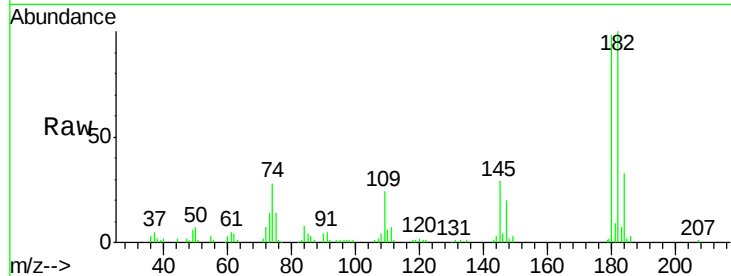
#93
 1,2,4-Trichlorobenzene
 Concen: 35.115 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.2
145	29.3	14.5	43.6

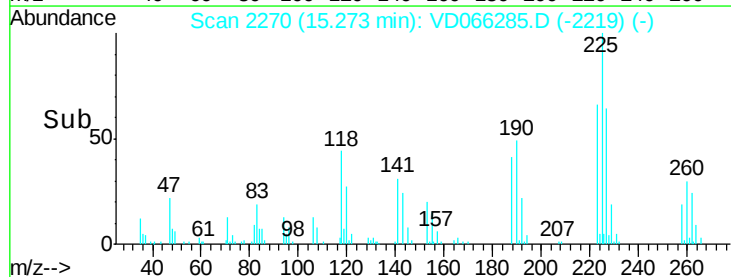
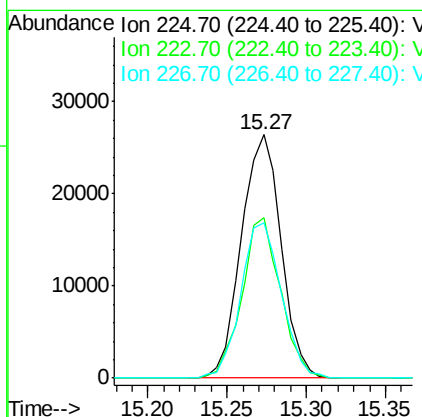
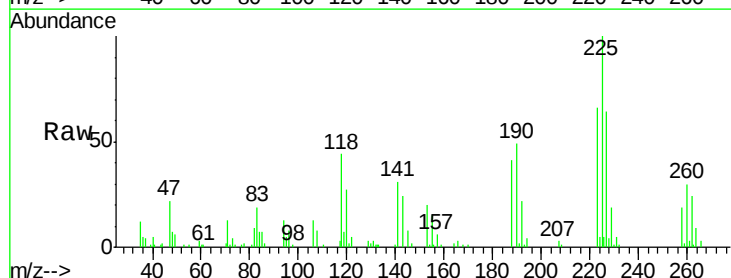
Manual Integrations
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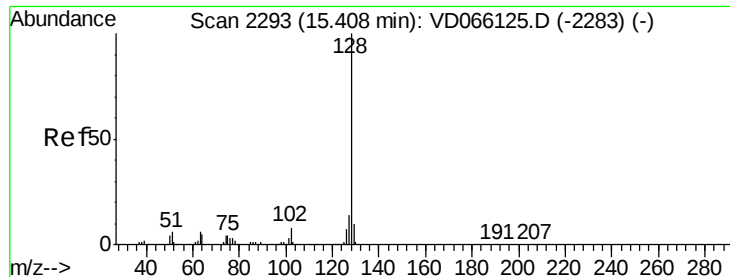
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#94
 Hexachlorobutadiene
 Concen: 28.890 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066285.D
 Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.3	96.9
227	65.1	32.1	96.5





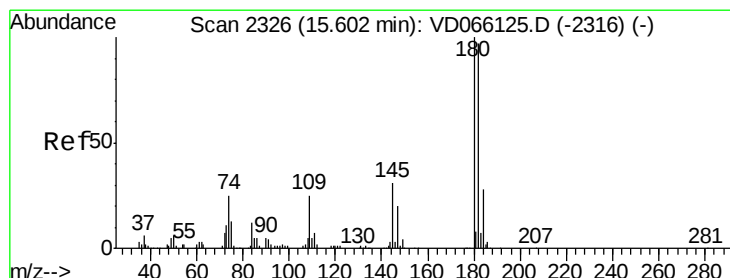
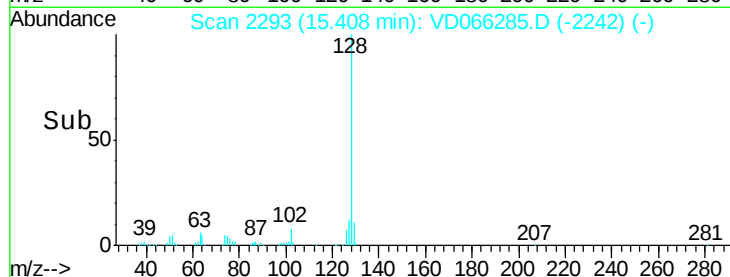
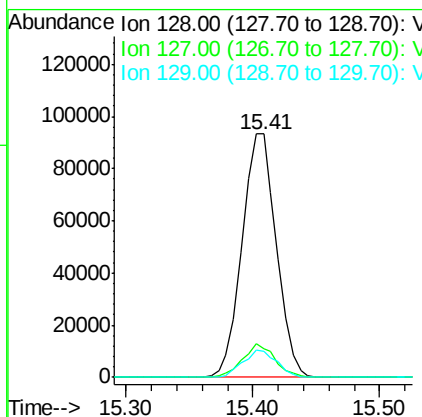
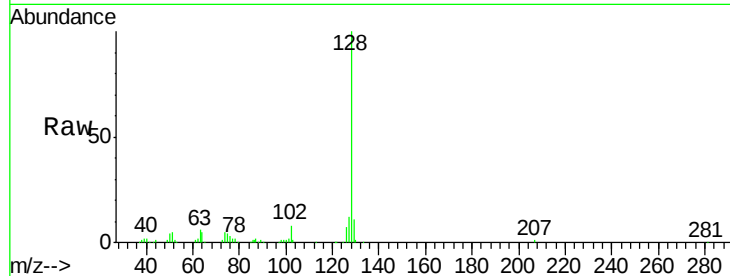
#95
Naphthalene
Concen: 39.721 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Instrument :
MSVOA_D
ClientSampleId :
S406-K-SO-1-1.5-081420MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	175268		
127	13.1		11.0	16.4
129	11.1		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 33.937 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066285.D
Acq: 18 Aug 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81129		
182	95.7		47.1	141.4
145	30.3		14.9	44.9

