

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016858.D
 Acq On : 09 Oct 2020 13:26
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: Oct 10 05:04:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	378150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	539779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	489552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	248977	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	15610	5.07	ug/l	0.00
Spiked Amount			Recovery	=	10.14%	
35) Dibromofluoromethane	7.88	113	17169	5.19	ug/l	0.00
Spiked Amount			Recovery	=	10.38%	
50) Toluene-d8	10.32	98	62154	5.01	ug/l	0.00
Spiked Amount			Recovery	=	10.02%	
62) 4-Bromofluorobenzene	12.62	95	20742	4.85	ug/l	0.00
Spiked Amount			Recovery	=	9.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	11224	5.442	ug/l	96
3) Chloromethane	2.21	50	12848	5.681	ug/l	98
4) Vinyl Chloride	2.37	62	17455	5.337	ug/l	97
5) Bromomethane	2.78	94	13465	5.361	ug/l	91
6) Chloroethane	2.92	64	11227	5.395	ug/l	93
7) Trichlorofluoromethane	3.26	101	11133	4.676	ug/l	96
8) Diethyl Ether	3.68	74	7747	5.209	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	17584	5.485	ug/l	100
10) Methyl Iodide	4.28	142	26167	5.105	ug/l	99
11) Tert butyl alcohol	5.21	59	4127m	25.413	ug/l	
12) 1,1-Dichloroethene	4.04	96	16344	5.165	ug/l	100
13) Acrolein	3.90	56	5381	26.478	ug/l	97
14) Allyl chloride	4.67	41	18929	4.997	ug/l	98
15) Acrylonitrile	5.37	53	12513	25.278	ug/l	96
16) Acetone	4.14	43	14218	28.540	ug/l	98
17) Carbon Disulfide	4.39	76	42812	5.085	ug/l	99
18) Methyl Acetate	4.68	43	6360	5.566	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	17489	5.128	ug/l	95
20) Methylene Chloride	4.92	84	29378	7.442	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	18530	5.216	ug/l	91
22) Diisopropyl ether	6.31	45	34196	4.967	ug/l #	87
23) Vinyl Acetate	6.26	43	103314	23.420	ug/l	98
24) 1,1-Dichloroethane	6.21	63	28303	5.185	ug/l	97
25) 2-Butanone	7.18	43	17418	26.226	ug/l	96
26) 2,2-Dichloropropane	7.17	77	18413	5.513	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	19216	5.050	ug/l	97
28) Bromochloromethane	7.51	49	11092	5.077	ug/l	99
29) Tetrahydrofuran	7.53	42	9641	25.916	ug/l	94
30) Chloroform	7.68	83	30631	5.161	ug/l	99
31) Cyclohexane	7.96	56	28391	6.097	ug/l #	76
32) 1,1,1-Trichloroethane	7.88	97	26129	5.220	ug/l	99
36) 1,1-Dichloropropene	8.08	75	24352	5.217	ug/l	99
37) Ethyl Acetate	7.26	43	7598	4.984	ug/l #	78
38) Carbon Tetrachloride	8.07	117	25233	5.201	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	26751	5.027	ug/l	96
40) Benzene	8.32	78	68368	5.258	ug/l	95
41) Methacrylonitrile	7.49	41	4568	6.983	ug/l	94
42) 1,2-Dichloroethane	8.40	62	18696	5.257	ug/l	99
43) Isopropyl Acetate	8.43	43	14431	4.941	ug/l	98
44) Trichloroethene	9.09	130	21518	5.347	ug/l	95
45) 1,2-Dichloropropane	9.37	63	15463	5.215	ug/l	92
46) Dibromomethane	9.46	93	8921	5.260	ug/l	99
47) Bromodichloromethane	9.65	83	21128	5.010	ug/l	98
48) Methyl methacrylate	9.44	41	6032	4.482	ug/l #	90
49) 1,4-Dioxane	9.47	88	2037	104.423	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	37737	25.541	ug/l	99
52) Toluene	10.39	92	45065	5.243	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	17444	4.544	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	22055	4.704	ug/l #	89
55) 1,1,2-Trichloroethane	10.79	97	12298	5.095	ug/l	92
56) Ethyl methacrylate	10.65	69	12185	4.640	ug/l	99
57) 1,3-Dichloropropane	10.93	76	20724	5.189	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	34101	23.434	ug/l	99
59) 2-Hexanone	10.98	43	23413	23.950	ug/l	96
60) Dibromochloromethane	11.13	129	14776	4.991	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12333	5.159	ug/l	99
64) Tetrachloroethene	10.86	164	18376	5.269	ug/l	96
65) Chlorobenzene	11.66	112	50567	5.266	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	16895	4.975	ug/l	98
67) Ethyl Benzene	11.73	91	83842	5.011	ug/l	99
68) m/p-Xylenes	11.84	106	64556	9.920	ug/l	99
69) o-Xylene	12.16	106	28232	4.727	ug/l	96
70) Styrene	12.18	104	47370	4.766	ug/l	99
71) Bromoform	12.35	173	7844	4.601	ug/l #	96
73) Isopropylbenzene	12.46	105	82630	4.993	ug/l	98
74) N-amyl acetate	12.27	43	12176	4.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	13415	5.167	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	10800m	6.724	ug/l	
77) Bromobenzene	12.75	156	21166	5.174	ug/l	97
78) n-propylbenzene	12.80	91	94617	4.958	ug/l	99
79) 2-Chlorotoluene	12.90	91	54281	4.986	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	67882	4.895	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	2918	4.222	ug/l	86
82) 4-Chlorotoluene	12.99	91	56484	5.026	ug/l	100
83) tert-Butylbenzene	13.21	119	57597	4.782	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	66813	4.835	ug/l	99
85) sec-Butylbenzene	13.38	105	82788	4.938	ug/l	100
86) p-Isopropyltoluene	13.50	119	75067	4.808	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	41618	5.261	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	41039	5.264	ug/l	95
89) n-Butylbenzene	13.82	91	68364	4.861	ug/l	99
90) Hexachloroethane	14.10	117	11296	4.689	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	35177	5.154	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1959	4.927	ug/l	93

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ClientSampleId :
VSTDICC005

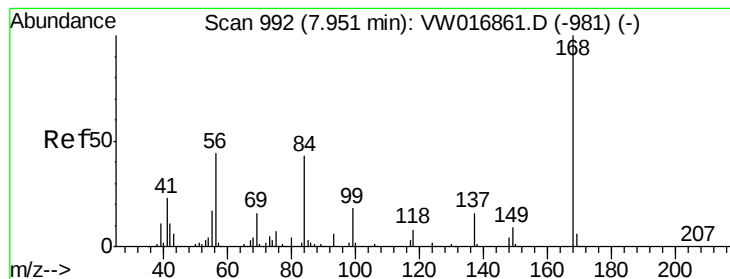
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	22314	4.738	ug/l	97
94) Hexachlorobutadiene	15.24	225	15322	5.019	ug/l	97
95) Naphthalene	15.37	128	31736	4.146	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	19774	4.827	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 378150

Ion Ratio Lower Upper

168 100

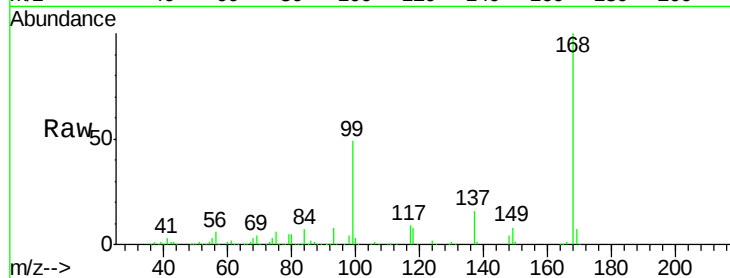
99 49.1 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

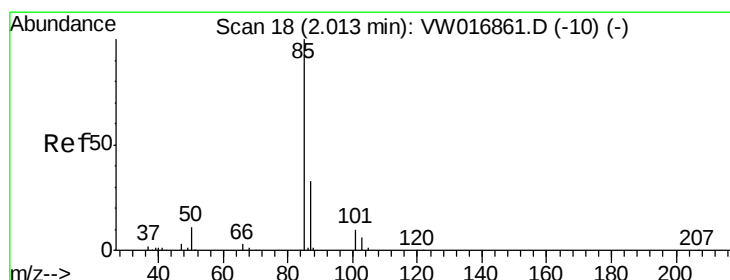
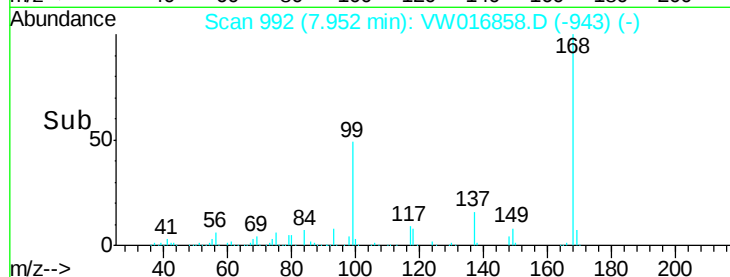
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 5.442 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW016858.D

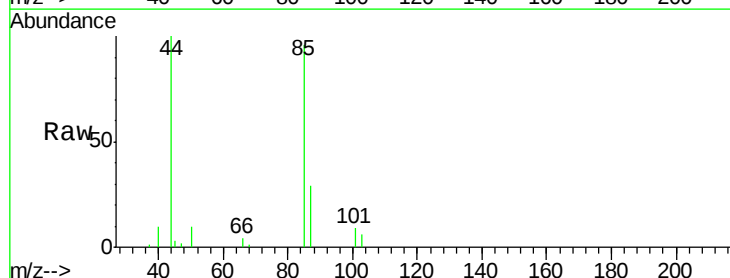
Acq: 09 Oct 2020 13:26

Tgt Ion: 85 Resp: 11224

Ion Ratio Lower Upper

85 100

87 30.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

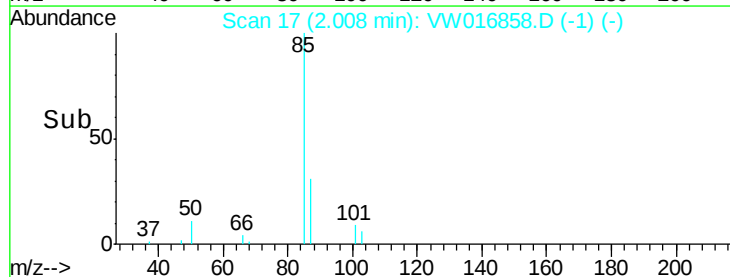
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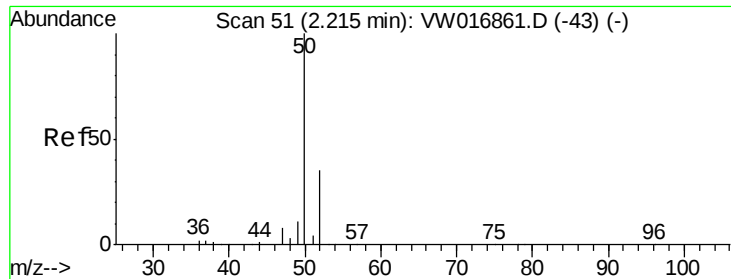
2000

1000

0

Time--> 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 5.681 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 12848

Ion Ratio Lower Upper

50 100

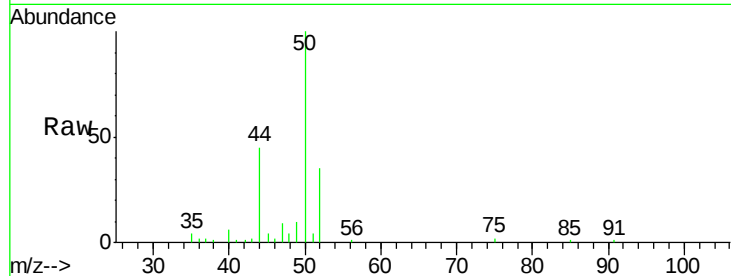
52 35.4 27.6 41.4

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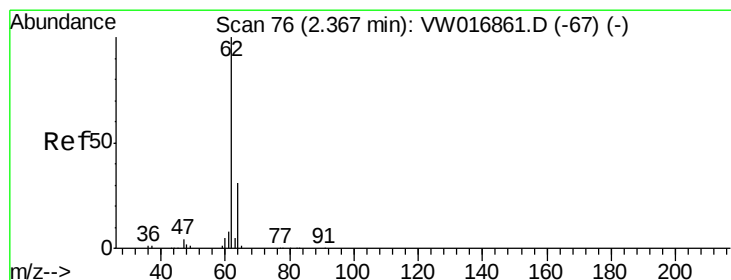
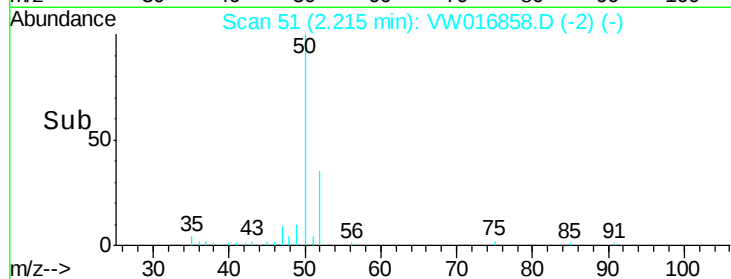
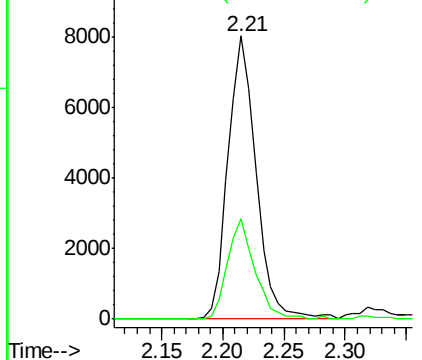
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 5.337 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016858.D

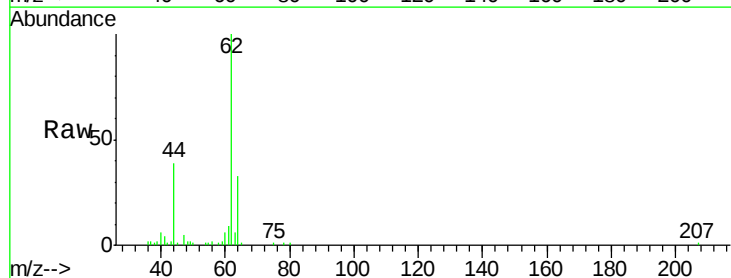
Acq: 09 Oct 2020 13:26

Tgt Ion: 62 Resp: 17455

Ion Ratio Lower Upper

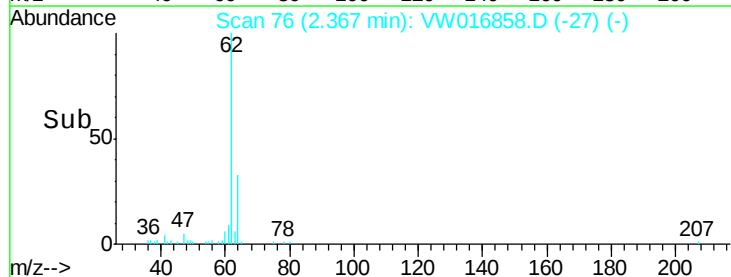
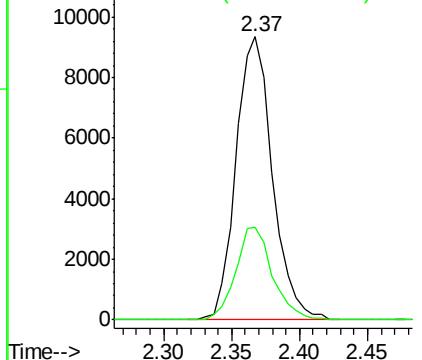
62 100

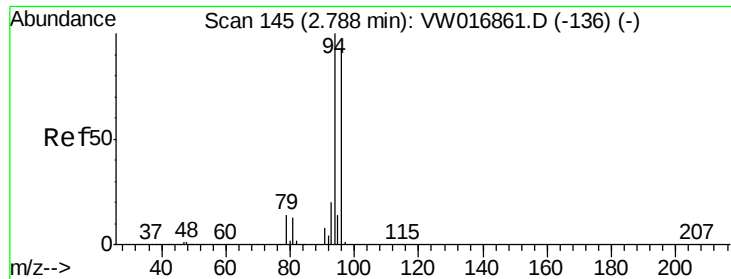
64 32.6 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 5.361 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 13465

Ion Ratio Lower Upper

94 100

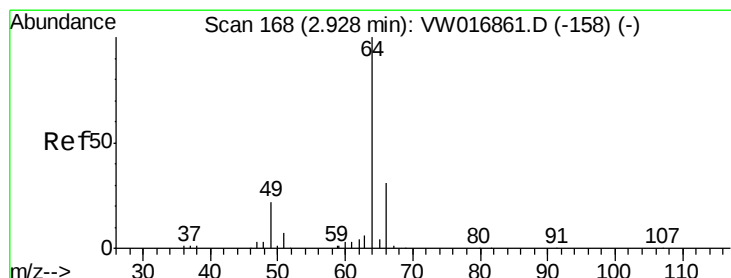
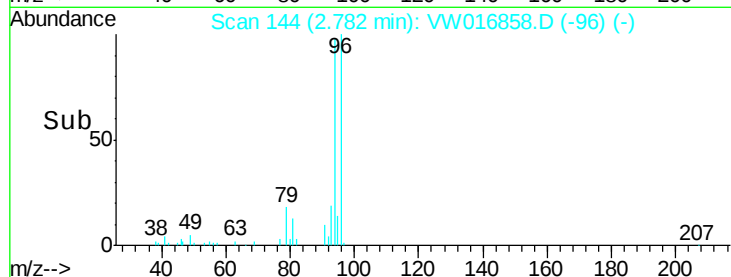
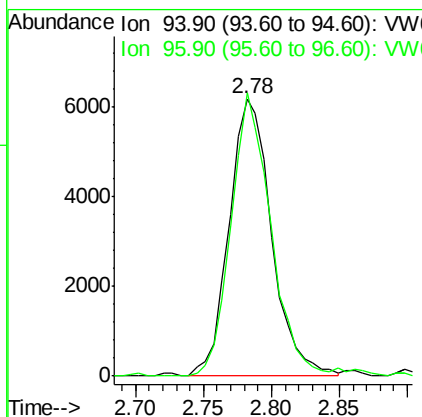
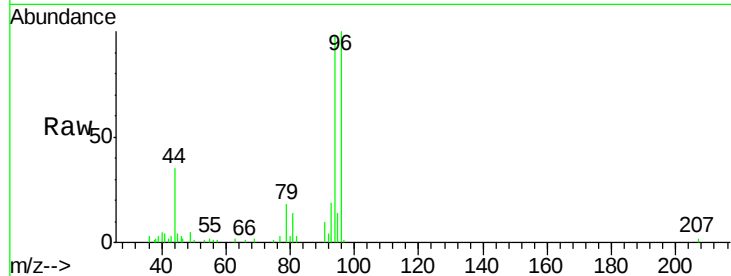
96 102.0 74.7 112.1

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#6

Chloroethane

Concen: 5.395 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016858.D

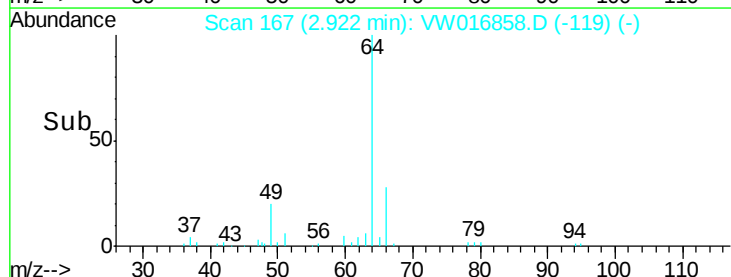
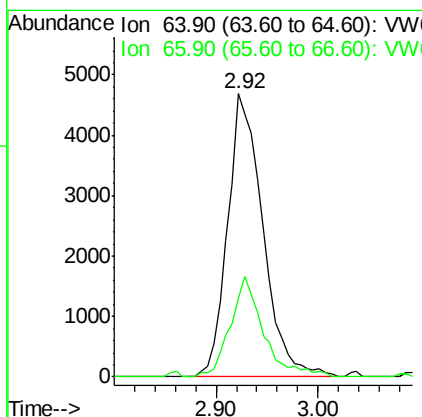
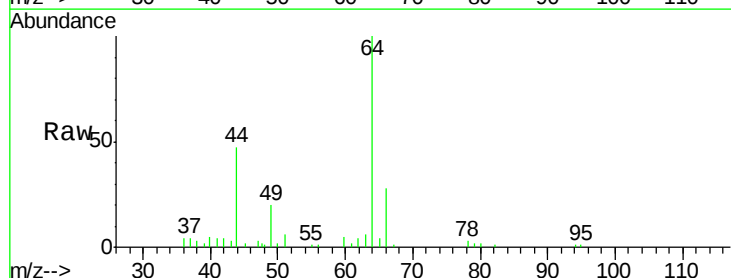
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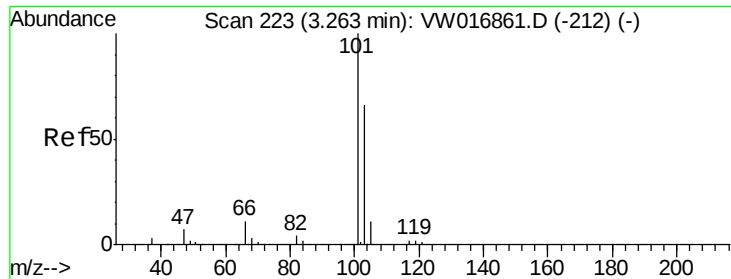
Tgt Ion: 64 Resp: 11227

Ion Ratio Lower Upper

64 100

66 27.6 25.0 37.6





#7

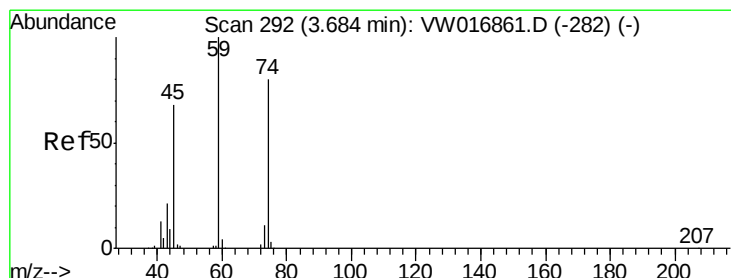
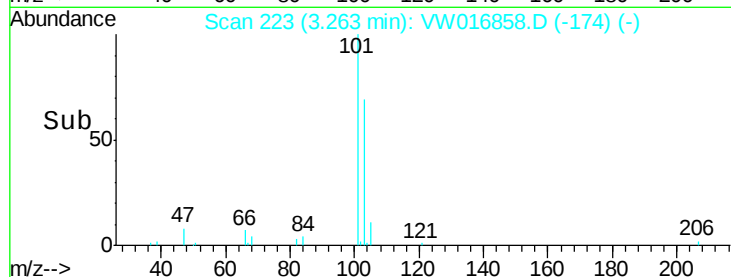
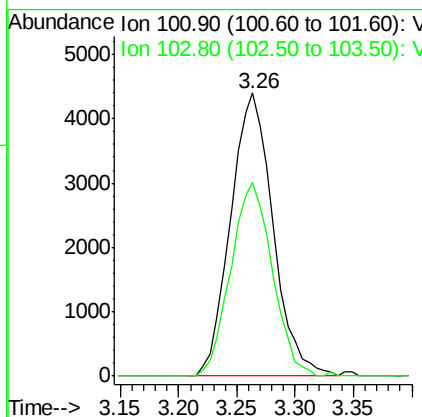
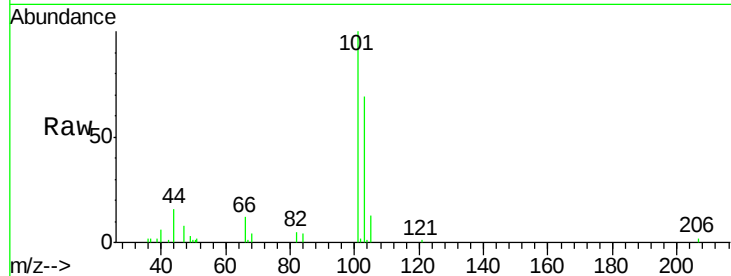
Trichlorofluoromethane
 Concen: 4.676 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

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 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.6	52.6	79.0

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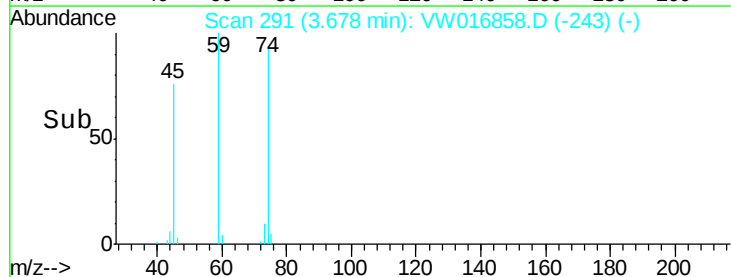
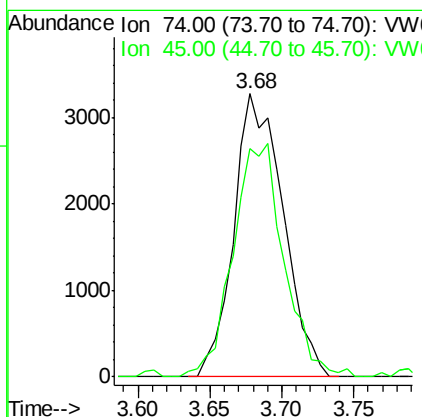
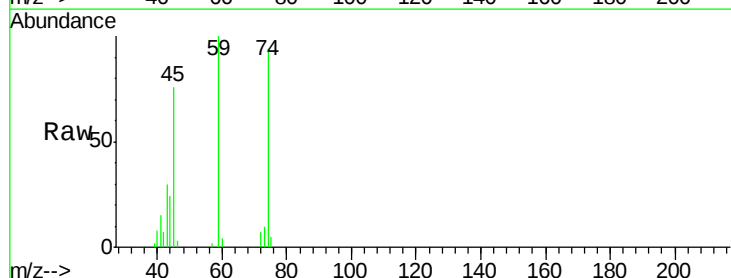
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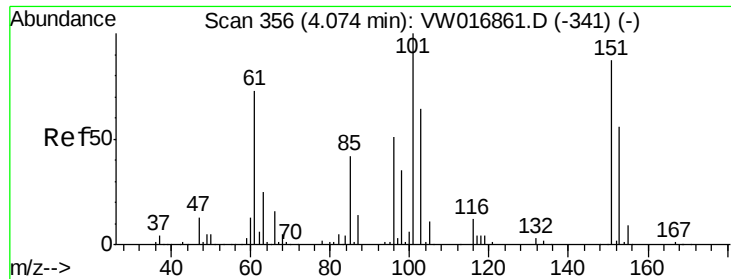


#8

Diethyl Ether
 Concen: 5.209 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.5	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.485 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016858.D

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MSVOA_W

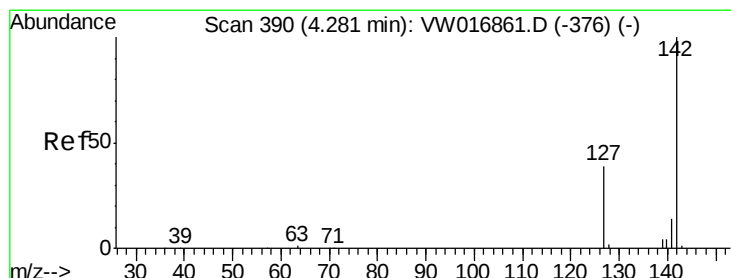
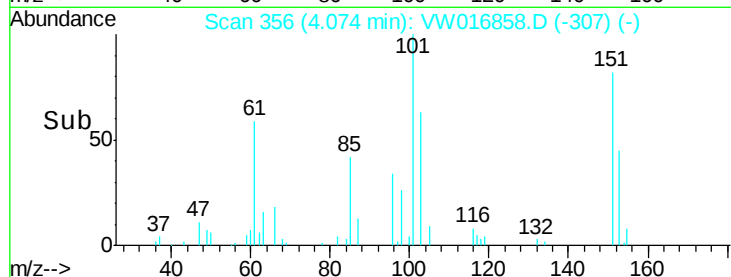
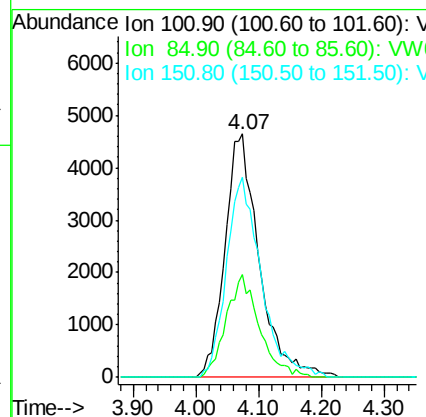
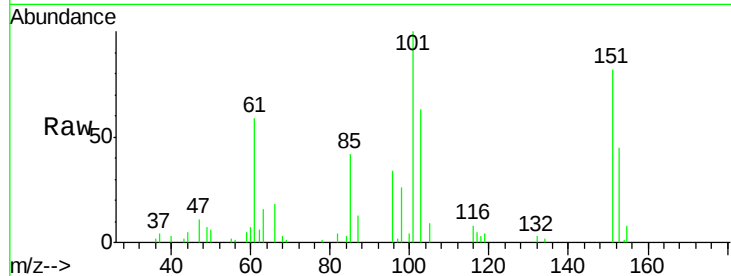
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	17584
Ion Ratio	Lower	Upper	
101	100		
85	40.9	33.2	49.8
151	83.4	66.6	100.0

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#10

Methyl Iodide

Concen: 5.105 ug/l

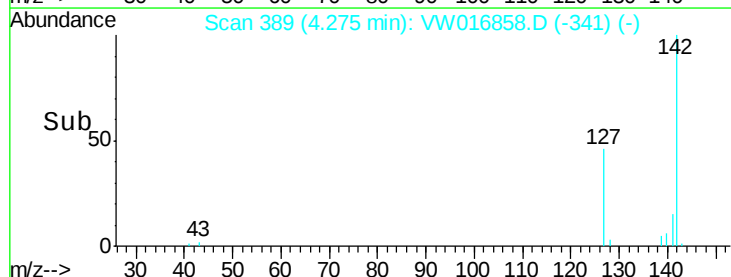
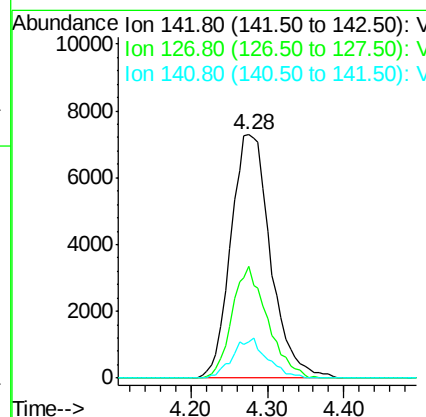
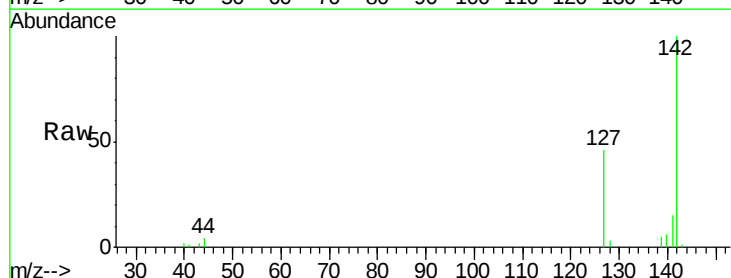
RT: 4.28 min Scan# 389

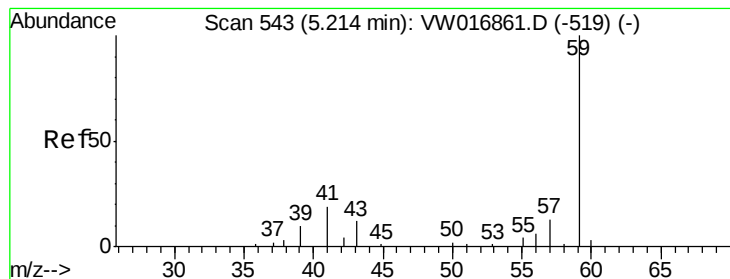
Delta R.T. -0.01 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Tgt Ion:	142	Resp:	26167
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.4	48.6
141	14.2	11.4	17.0





#11

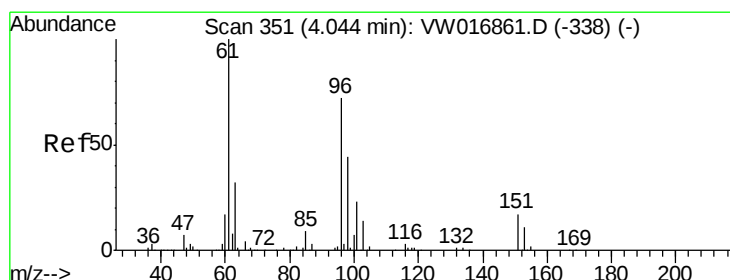
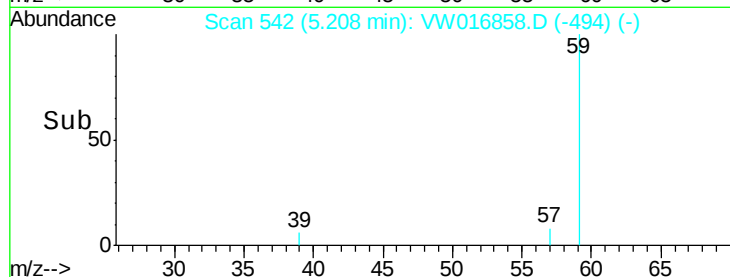
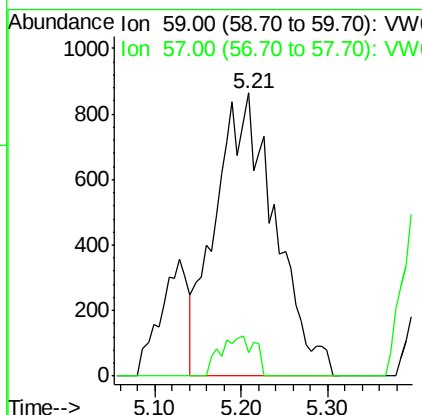
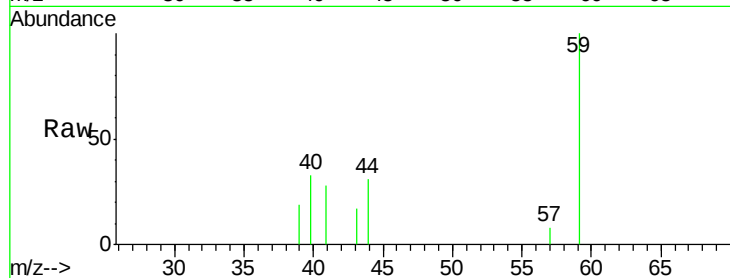
Tert butyl alcohol
Concen: 25.413 ug/l m
RT: 5.21 min Scan# 542
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.3	4.7	7.1#

Manual Integrations
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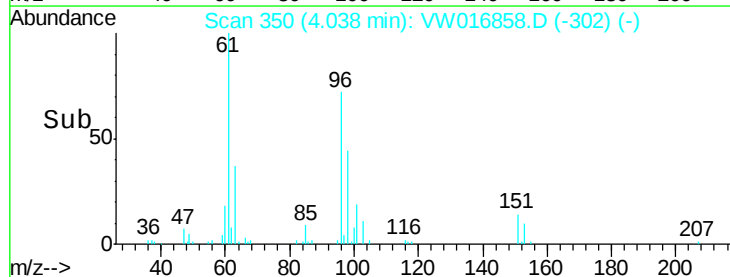
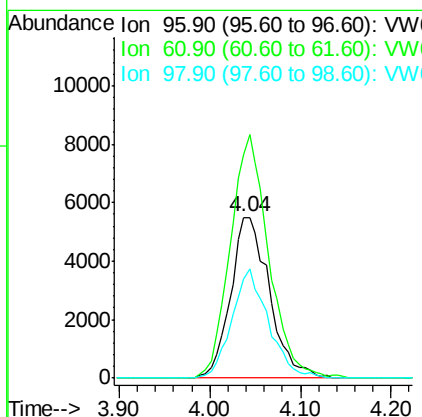
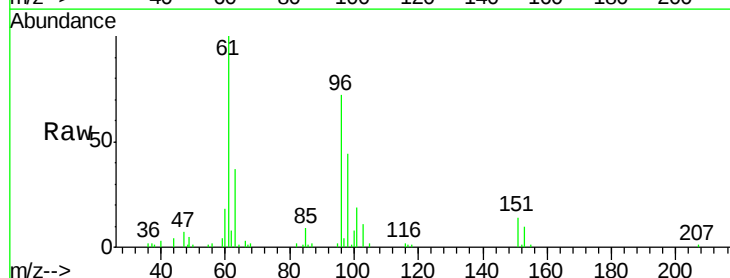
apatel
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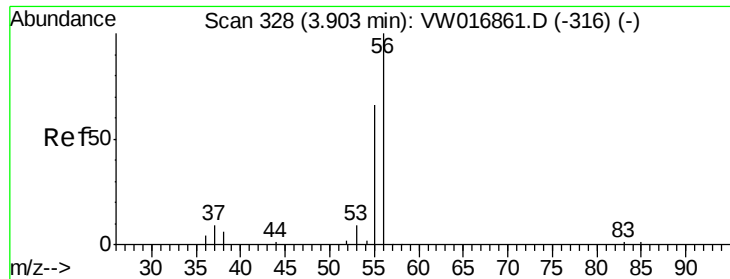


#12

1,1-Dichloroethene
Concen: 5.165 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.8	111.7	167.5
98	61.2	49.0	73.4





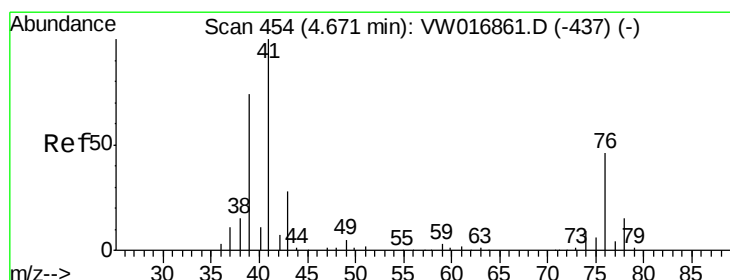
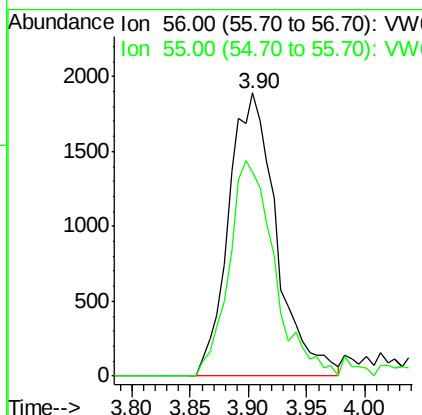
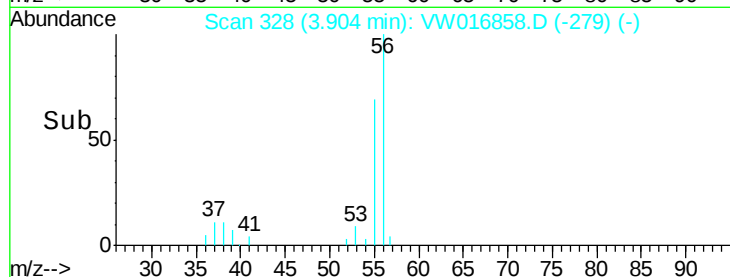
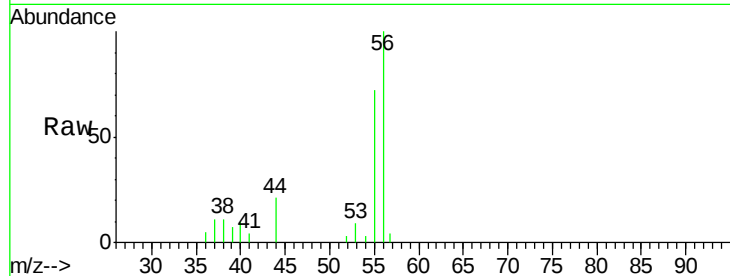
#13
Acrolein
Concen: 26.478 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 56 Resp: 5381
Ion Ratio Lower Upper
56 100
55 72.3 55.9 83.9

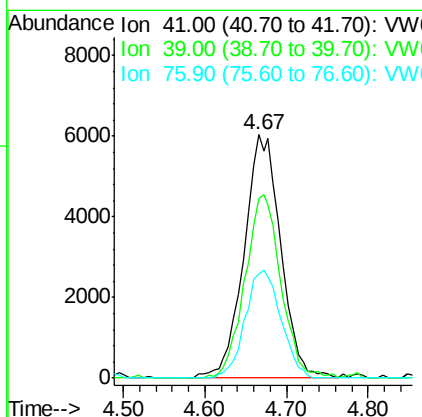
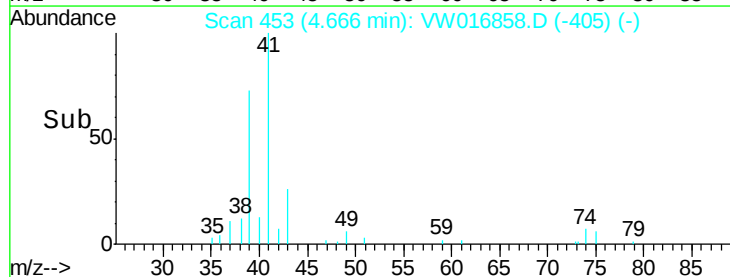
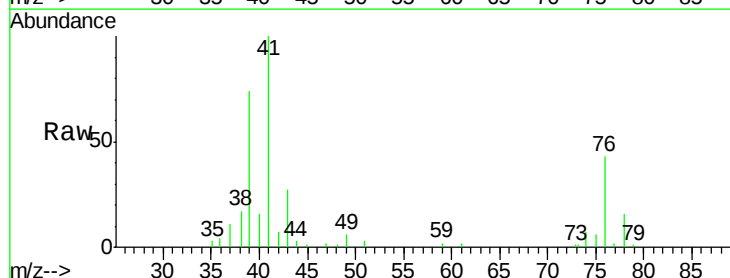
Manual Integrations
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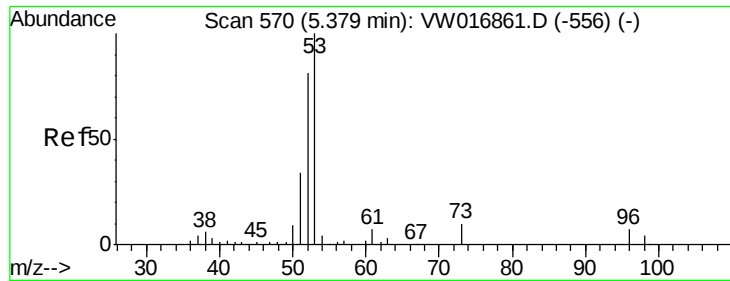
apatel
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#14
Allyl chloride
Concen: 4.997 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion: 41 Resp: 18929
Ion Ratio Lower Upper
41 100
39 73.7 57.8 86.8
76 42.8 35.1 52.7





#15

Acrylonitrile

Concen: 25.278 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

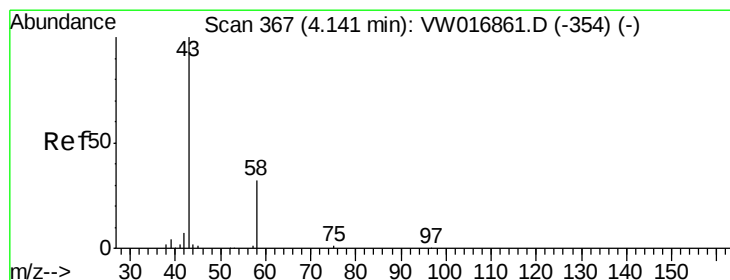
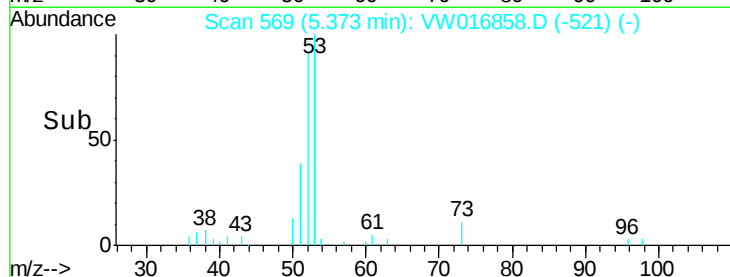
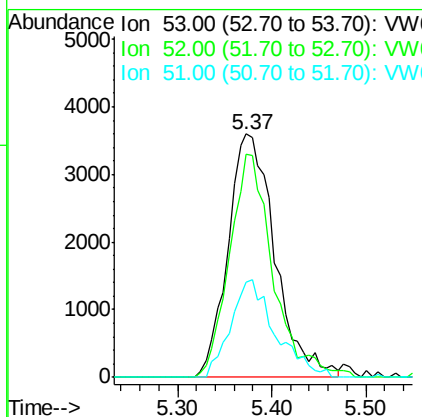
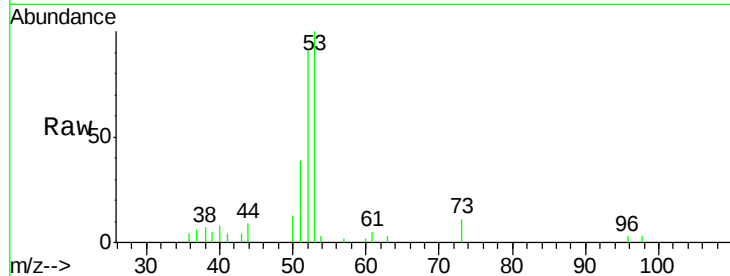
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	12513
Ion Ratio	Lower	Upper	
53	100		
52	84.7	65.0	97.4
51	38.0	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 28.540 ug/l

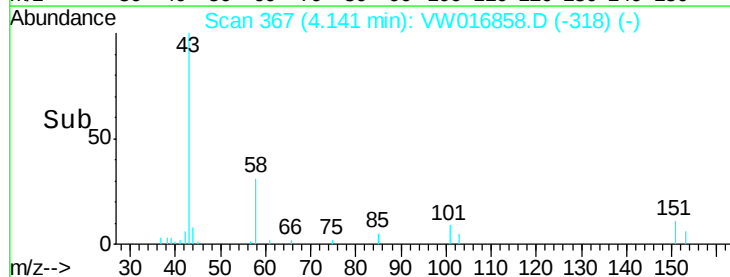
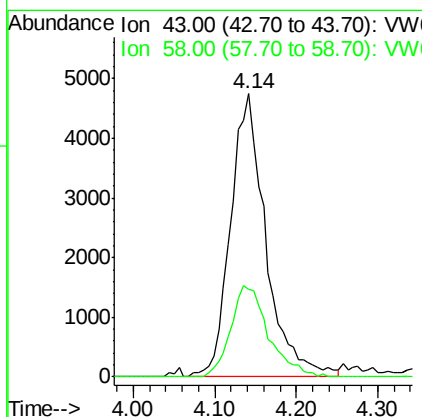
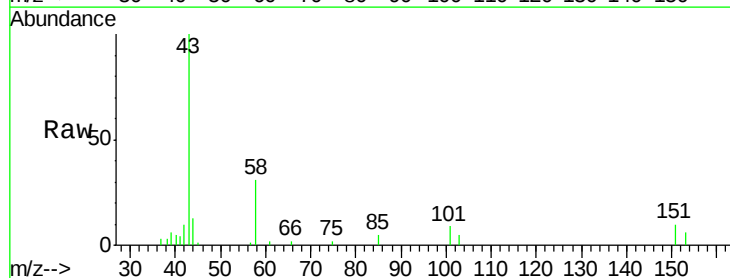
RT: 4.14 min Scan# 367

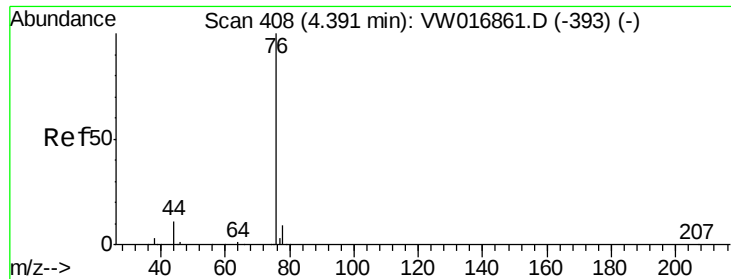
Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Tgt Ion:	43	Resp:	14218
Ion Ratio	Lower	Upper	
43	100		
58	31.0	25.7	38.5





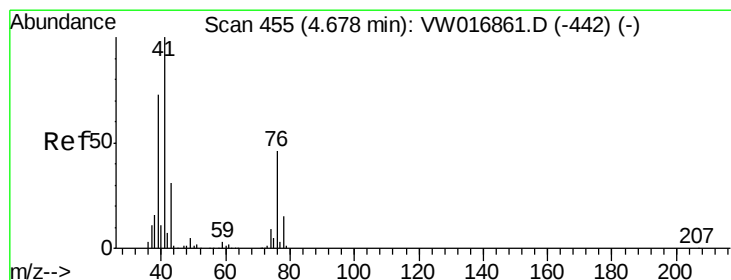
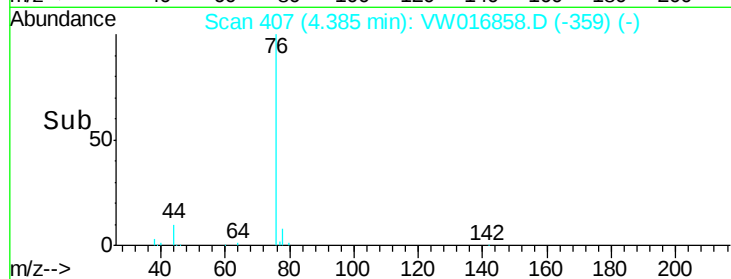
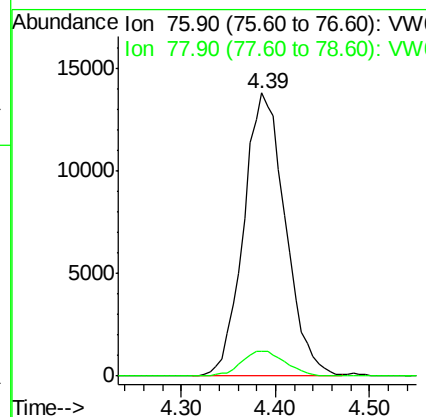
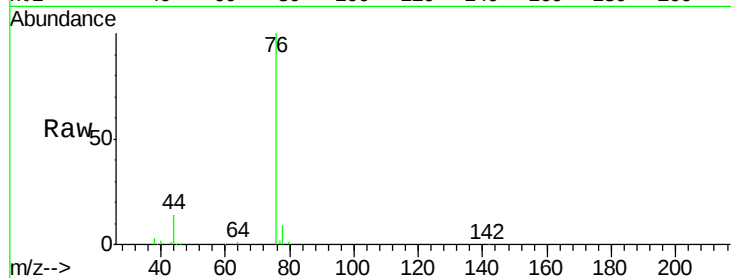
#17
Carbon Disulfide
Concen: 5.085 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

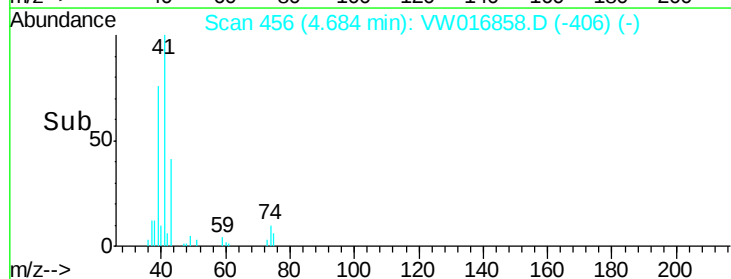
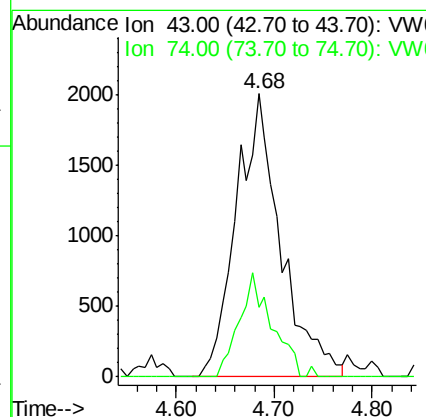
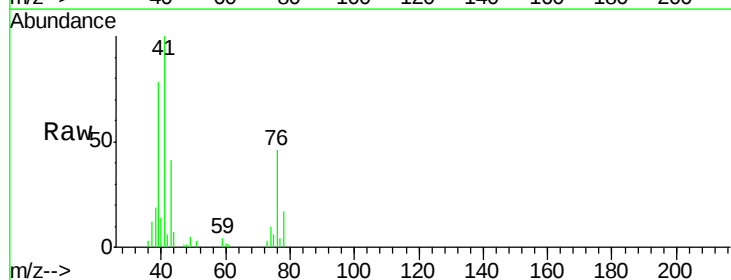
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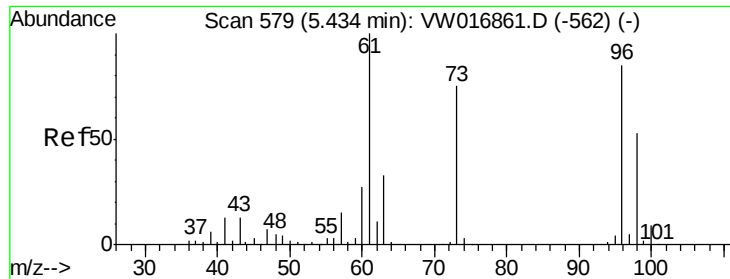
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#18
Methyl Acetate
Concen: 5.566 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	23.8	35.6





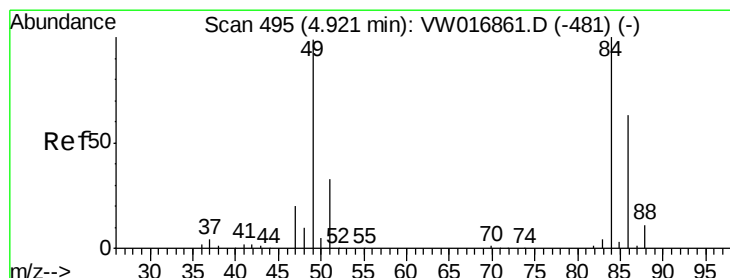
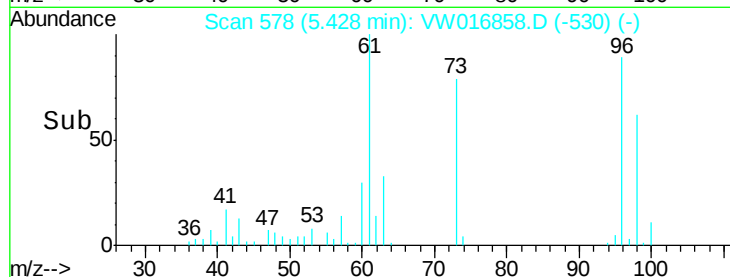
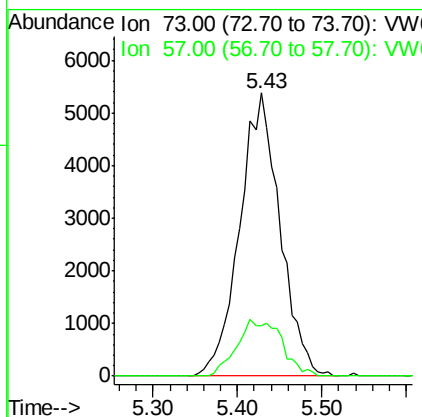
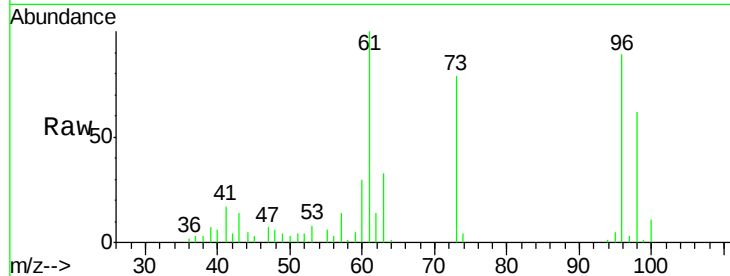
#19
Methyl tert-butyl Ether
Concen: 5.128 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 17489
Ion Ratio Lower Upper
73 100
57 18.0 16.1 24.1

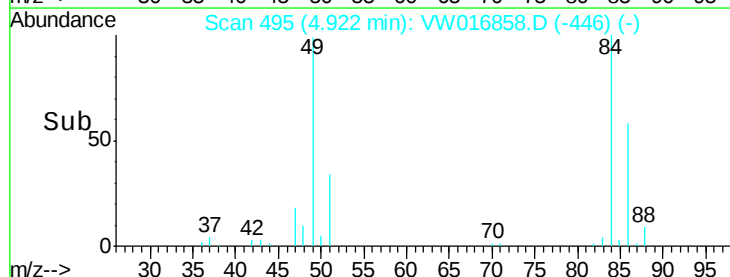
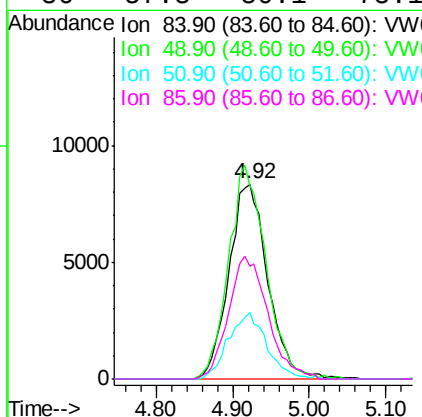
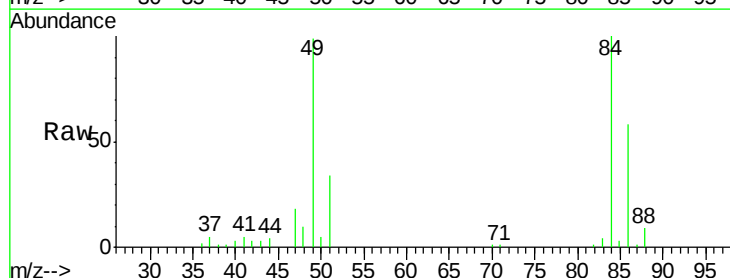
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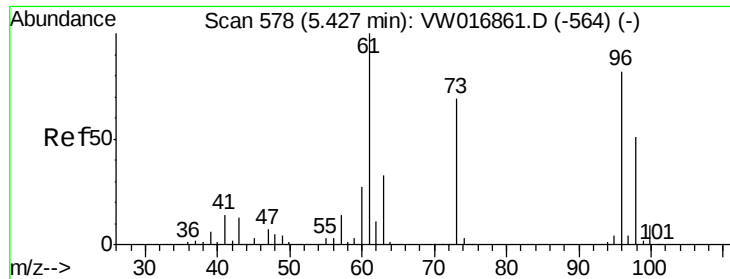
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#20
Methylene Chloride
Concen: 7.442 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion: 84 Resp: 29378
Ion Ratio Lower Upper
84 100
49 99.2 79.0 118.6
51 34.0 26.1 39.1
86 57.8 50.1 75.1





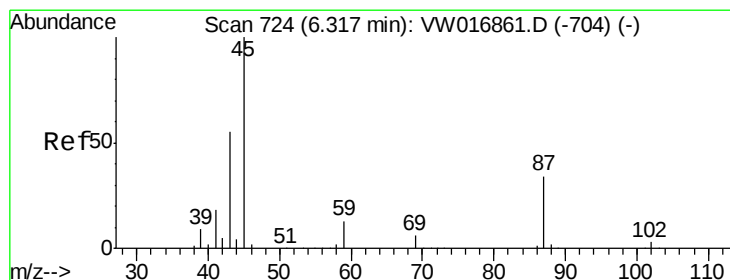
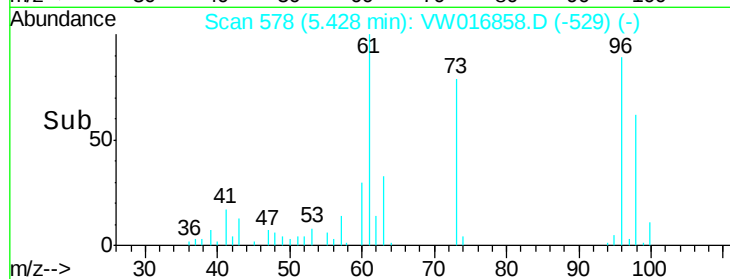
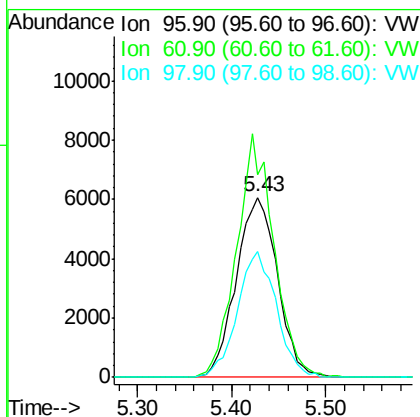
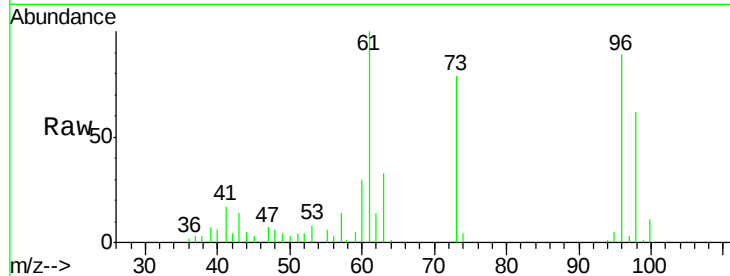
#21
trans-1,2-Dichloroethene
Concen: 5.216 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	112.8	97.4	146.0
98	69.8	49.4	74.0

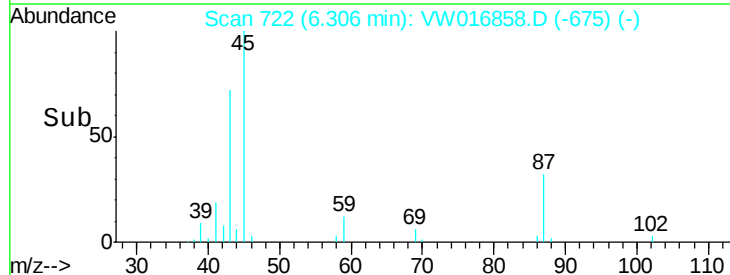
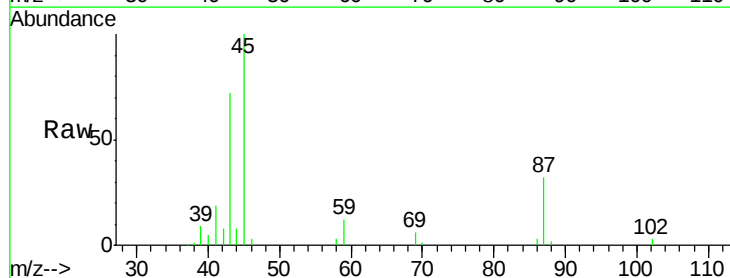
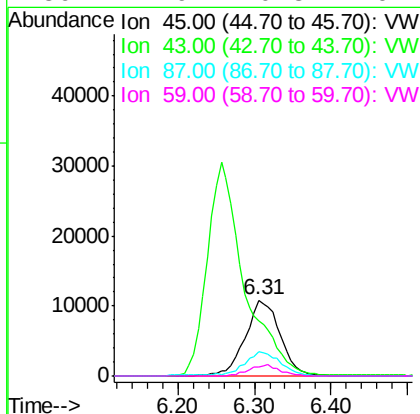
Manual Integrations
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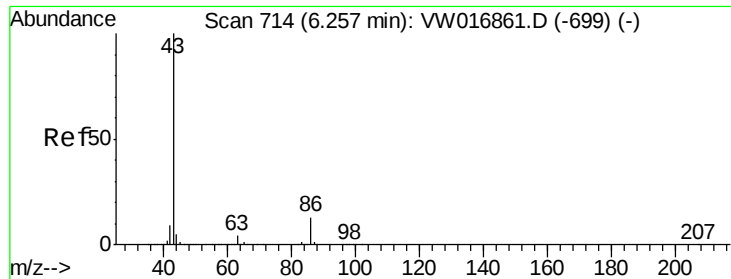
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#22
Diisopropyl ether
Concen: 4.967 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.5	43.8	65.8#
87	32.4	27.6	41.4
59	11.9	10.8	16.2





#23

Vinyl Acetate

Concen: 23.420 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

ClientSampleID :

VSTDIC005

Tot Ion: 43 Resp: 103314

Ion Ratio Lower Upper

43 100

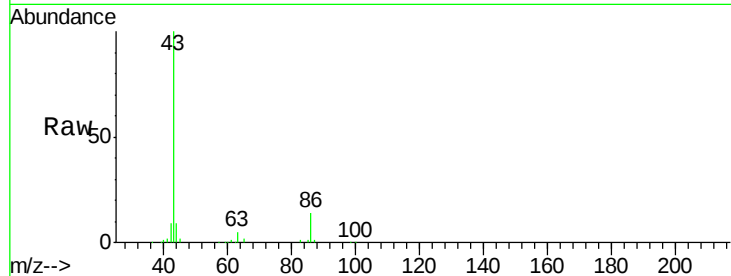
86 13.5 10.2 15.4

Manual Integrations

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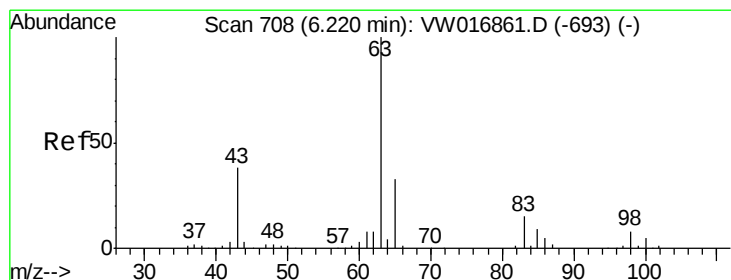
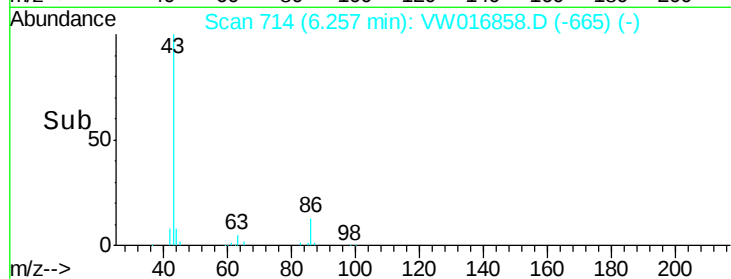
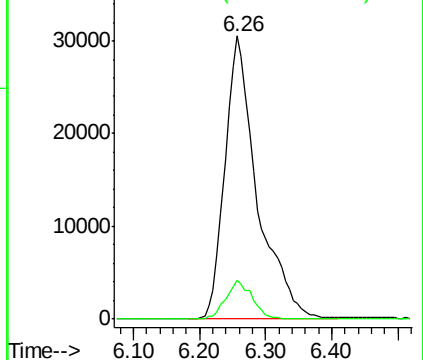
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 5.185 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

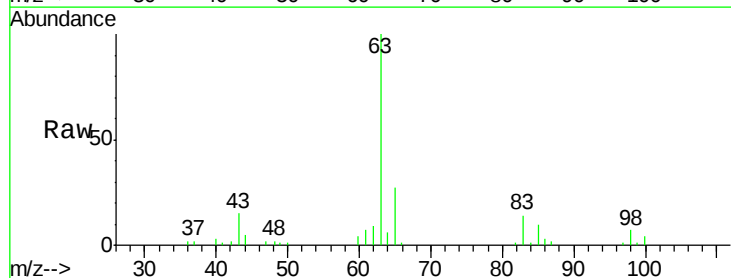
Tgt Ion: 63 Resp: 28303

Ion Ratio Lower Upper

63 100

98 7.3 4.2 12.6

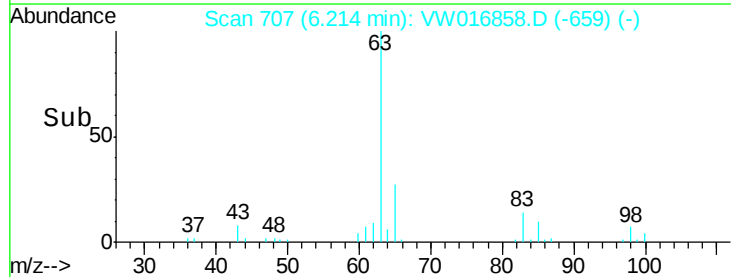
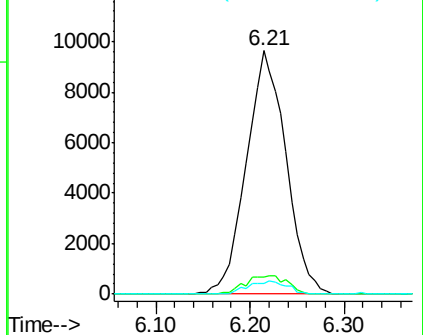
100 4.1 2.6 7.8

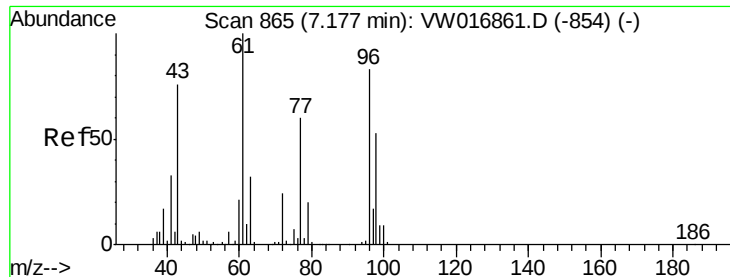


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 26.226 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 17418

Ion Ratio Lower Upper

43 100

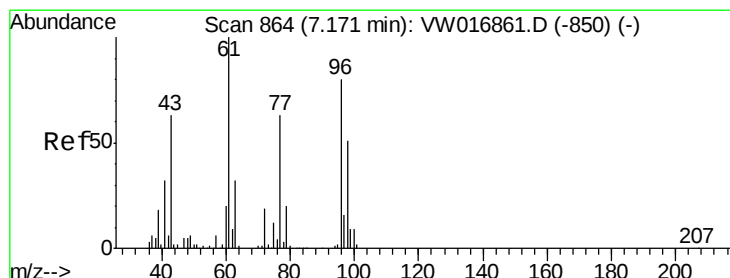
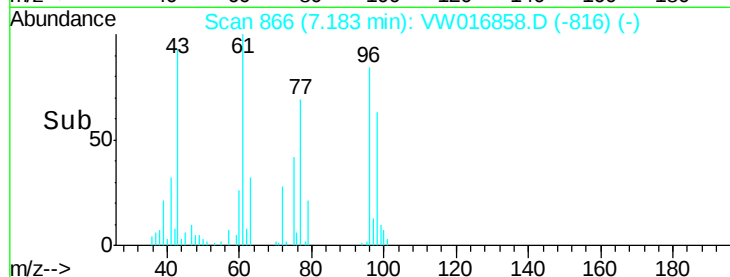
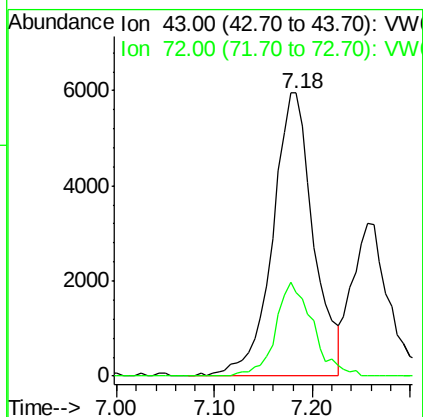
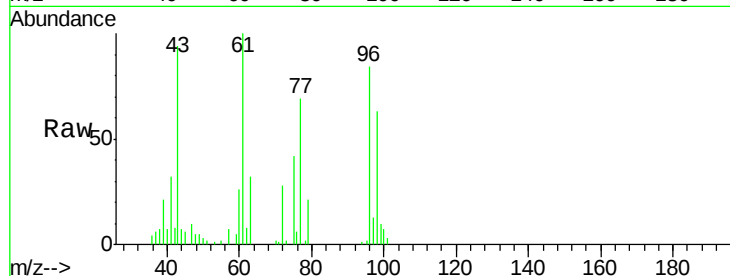
72 29.7 25.4 38.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.513 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016858.D

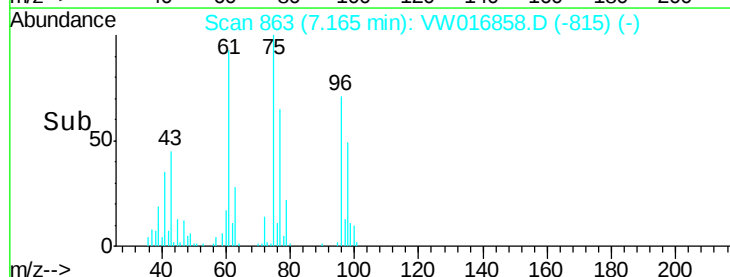
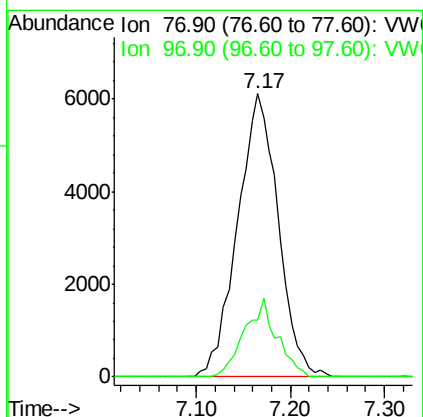
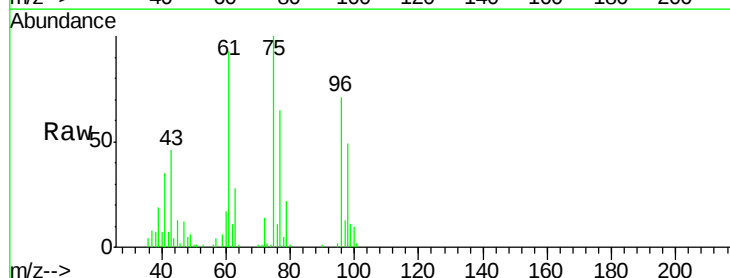
Acq: 09 Oct 2020 13:26

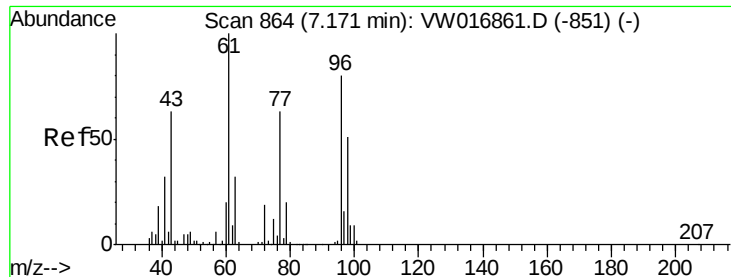
Tgt Ion: 77 Resp: 18413

Ion Ratio Lower Upper

77 100

97 22.2 12.4 37.4





#27

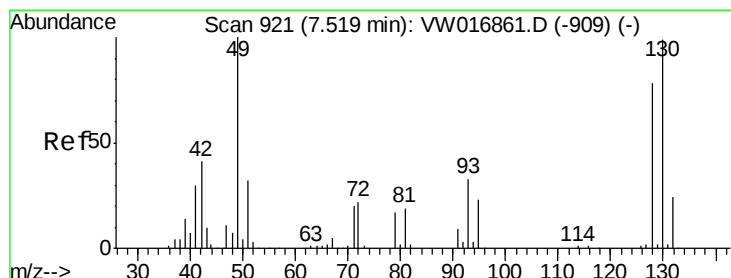
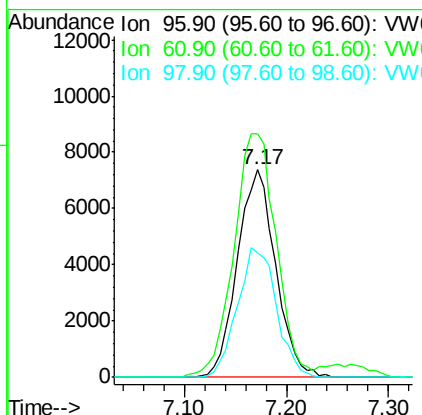
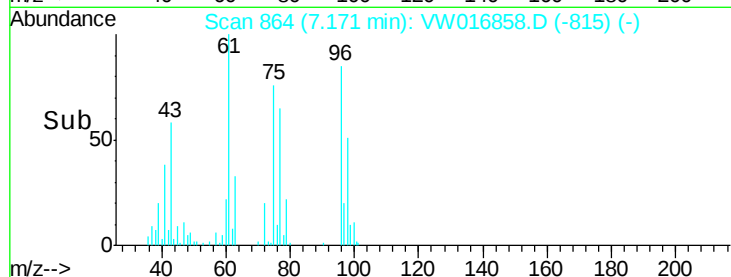
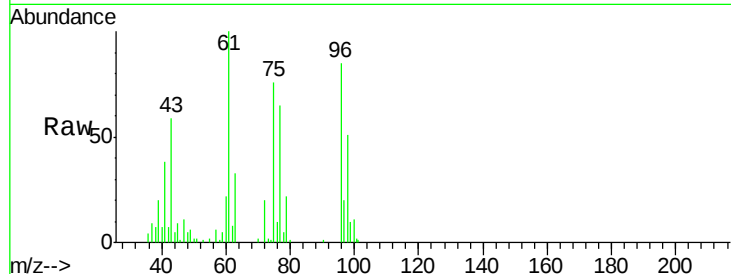
cis-1,2-Dichloroethene
Concen: 5.050 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	249.6
98	63.8	0.0	129.4

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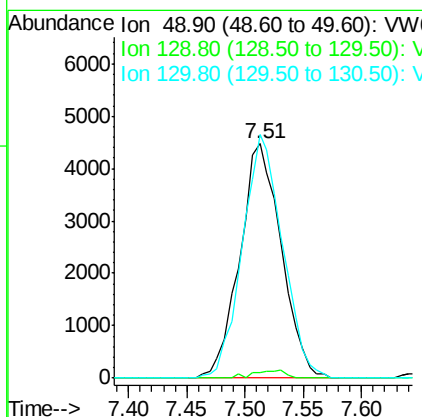
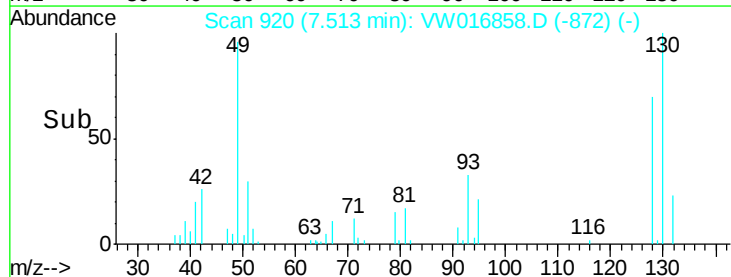
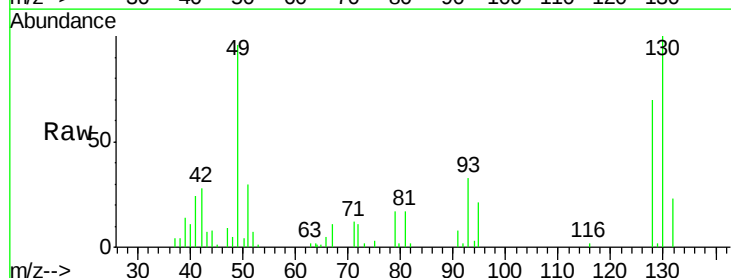
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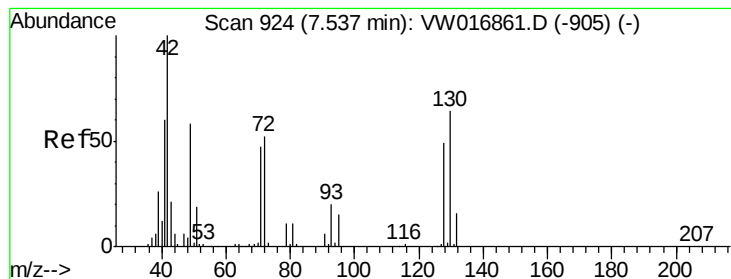


#28

Bromochloromethane
Concen: 5.077 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	100.1	81.3	121.9





#29

Tetrahydrofuran

Concen: 25.916 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

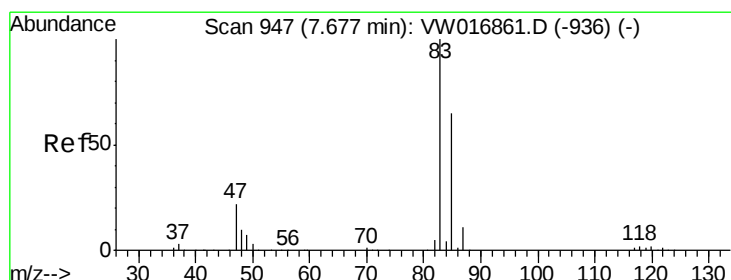
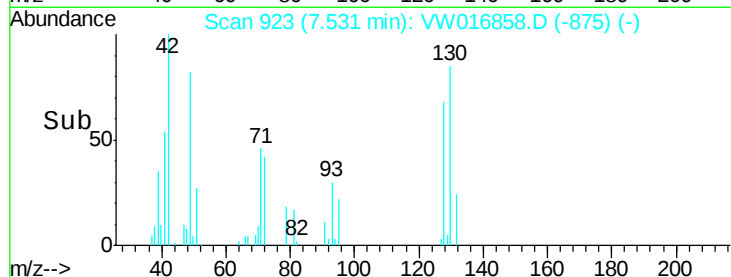
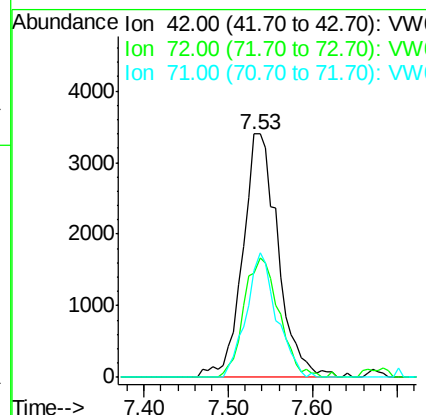
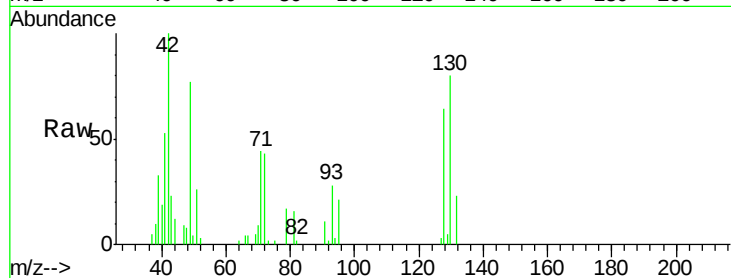
ClientSampleId :

VSTDIC005

Tot Ion:	42	Resp:	9641
Ion	Ratio	Lower	Upper
42	100		
72	48.8	42.0	63.0
71	43.7	39.0	58.6

Manual Integrations
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#30

Chloroform

Concen: 5.161 ug/l

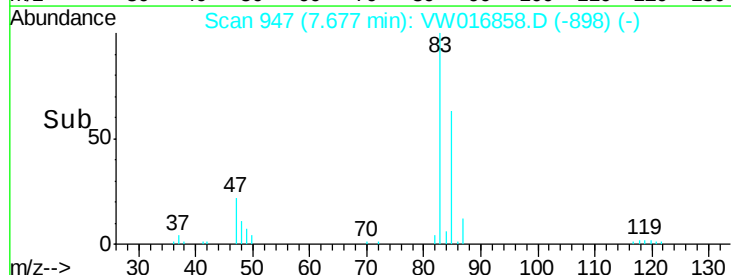
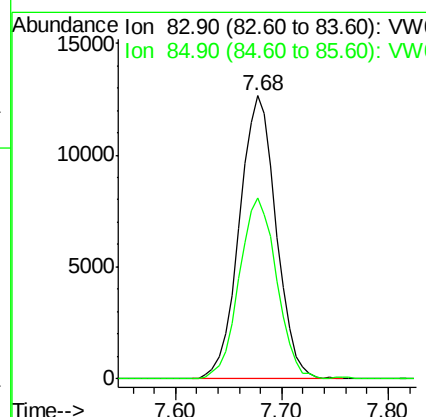
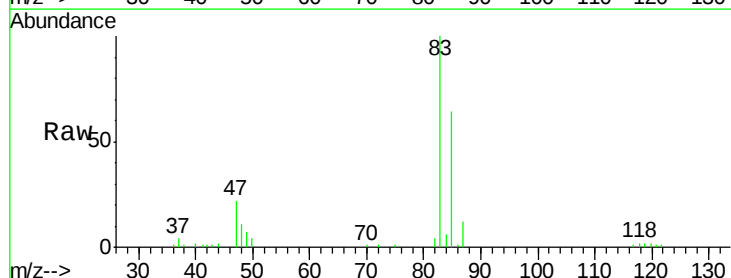
RT: 7.68 min Scan# 947

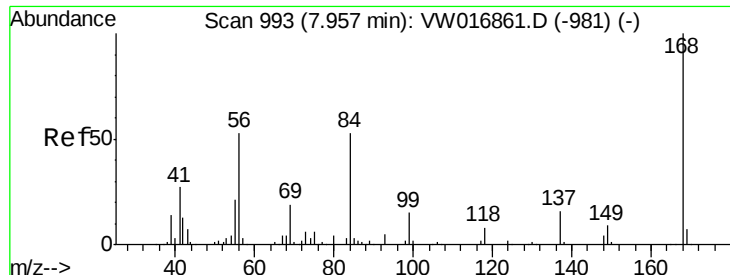
Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Tgt Ion:	83	Resp:	30631
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.7	77.5





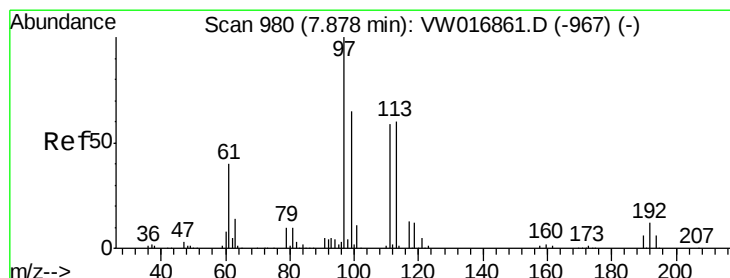
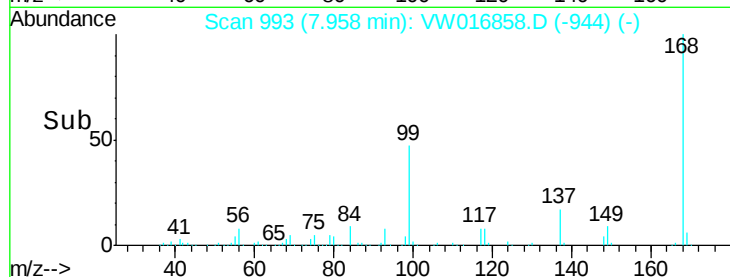
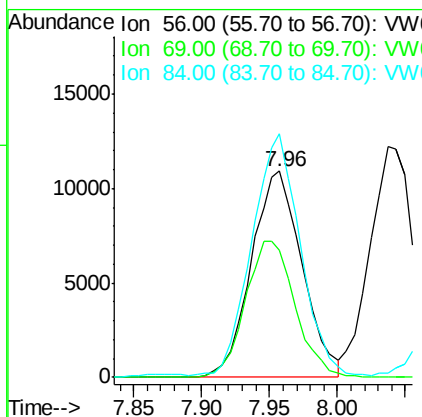
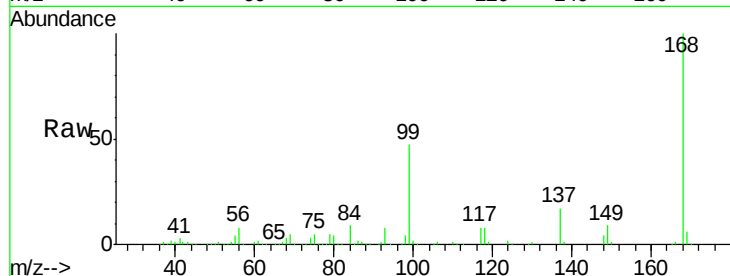
#31
Cyclohexane
Concen: 6.097 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	61.9	29.3	43.9#
84	117.4	80.5	120.7

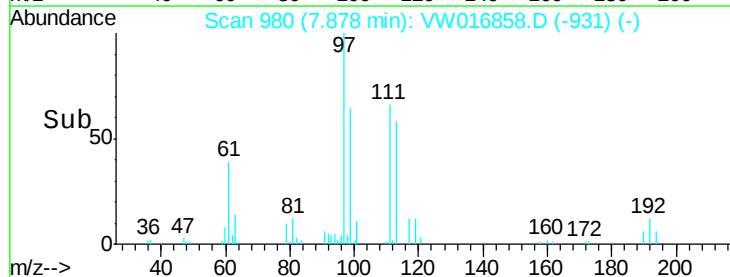
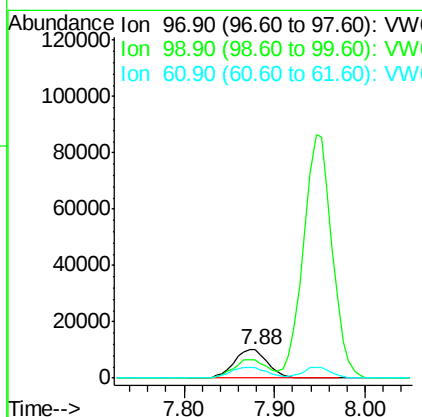
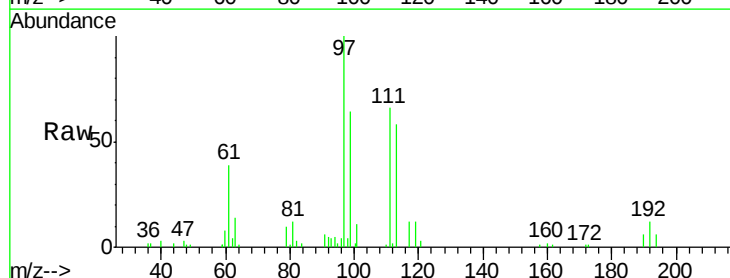
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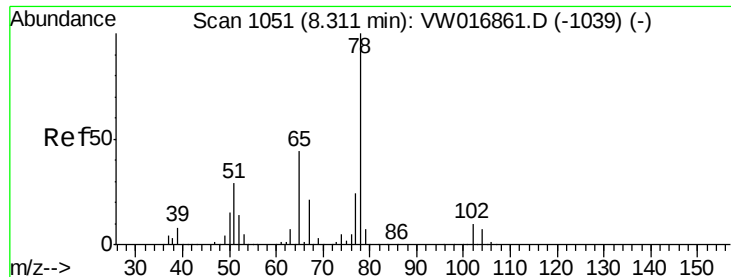
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#32
1,1,1-Trichloroethane
Concen: 5.220 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.4	78.6
61	41.5	31.9	47.9





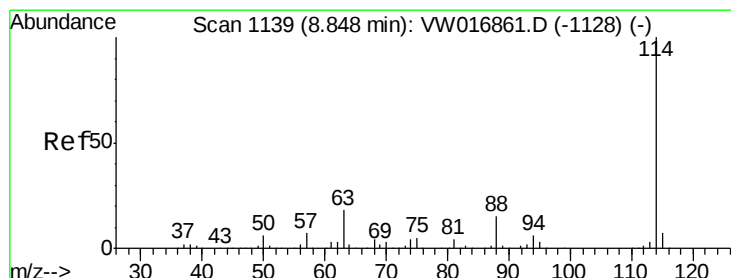
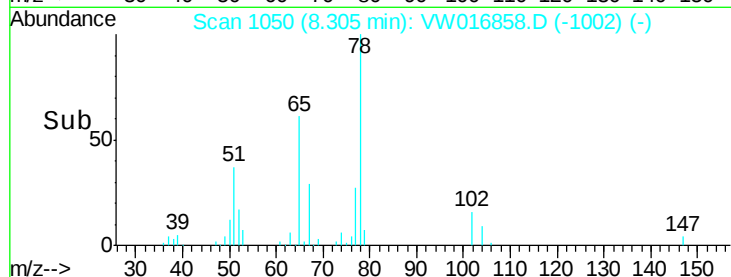
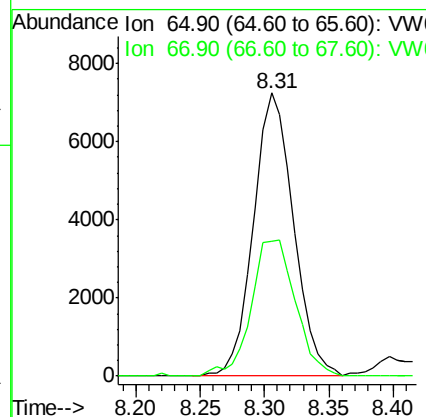
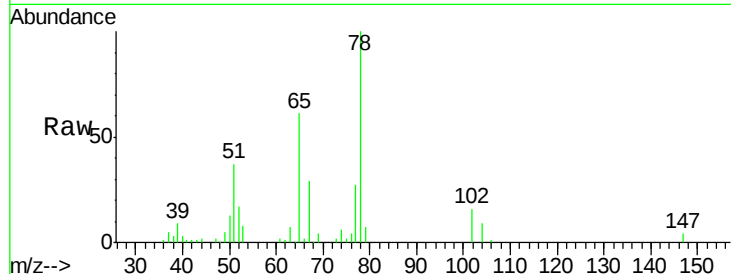
#33
 1,2-Dichloroethane-d4
 Concen: 5.075 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	15610		
67	53.1	0.0	103.8	

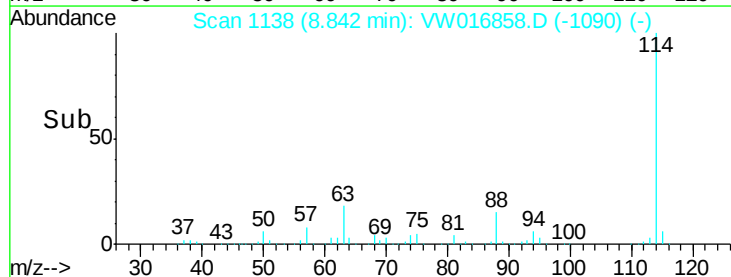
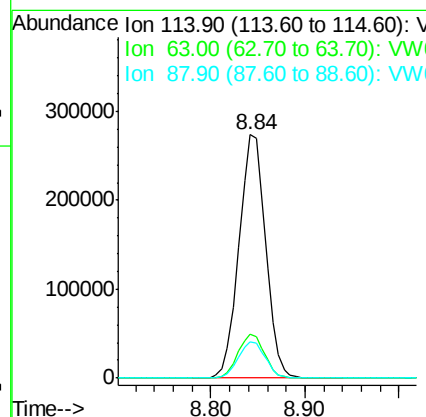
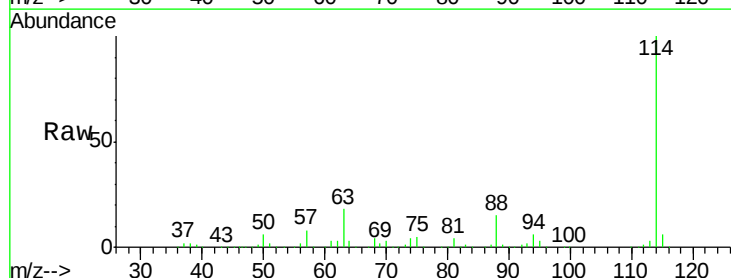
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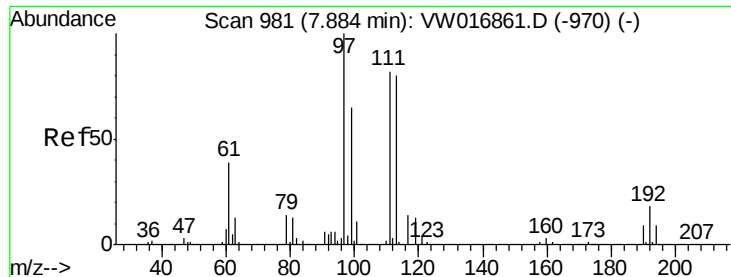
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	539779		
63	18.3	0.0	35.6	
88	15.1	0.0	30.4	





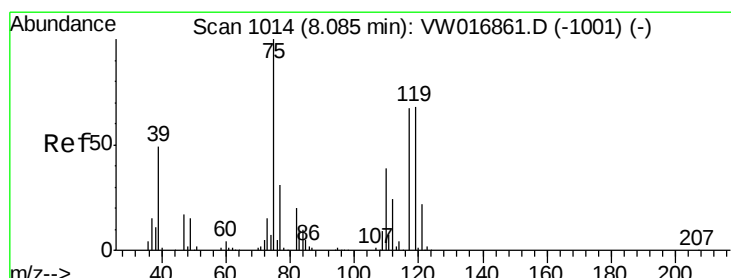
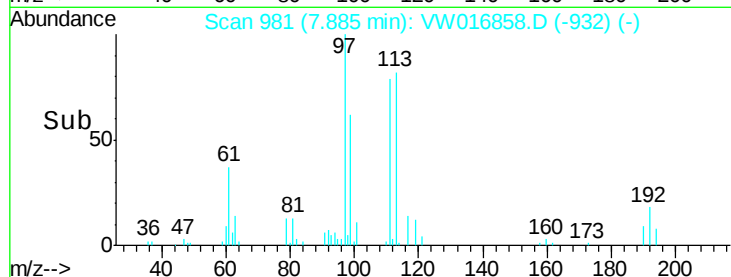
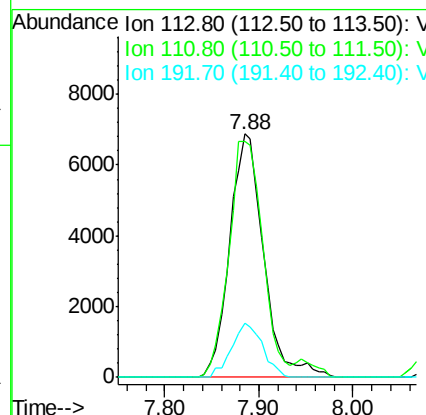
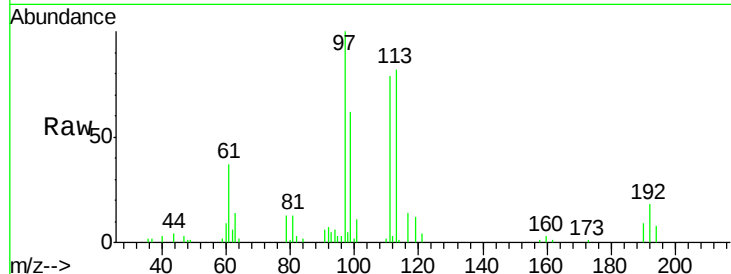
#35
 Dibromofluoromethane
 Concen: 5.189 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
113	100	17169		
111	97.1	81.4	122.2	
192	20.4	17.8	26.8	

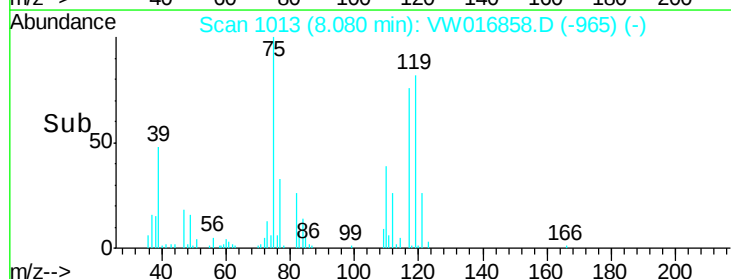
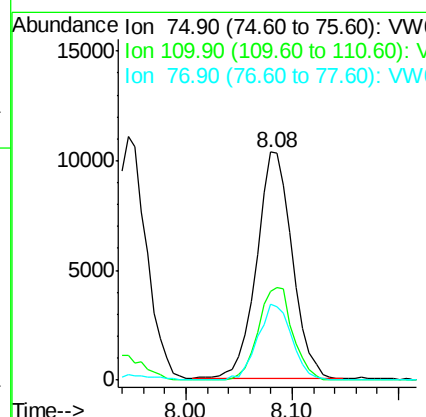
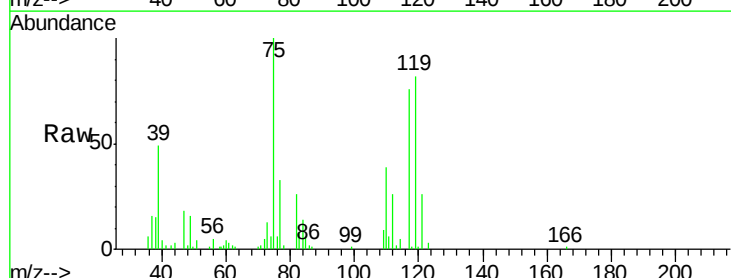
Manual Integrations
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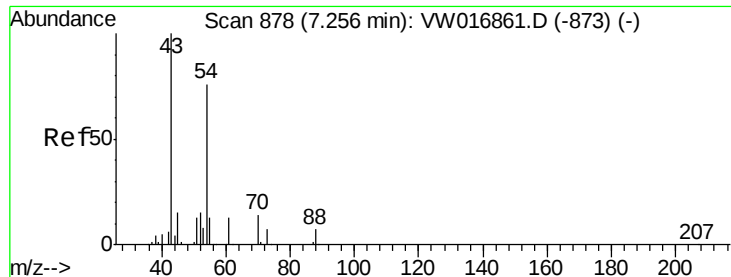
apatel
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#36
 1,1-Dichloropropene
 Concen: 5.217 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	24352		
110	39.1	19.3	57.9	
77	31.9	25.0	37.6	





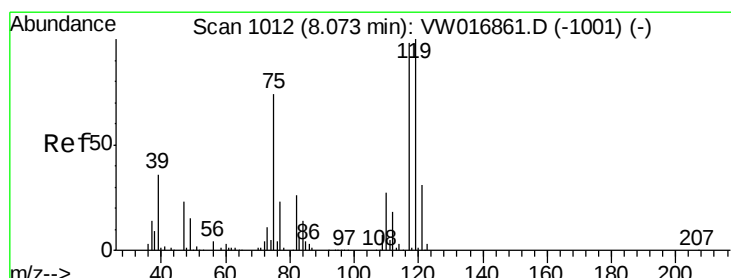
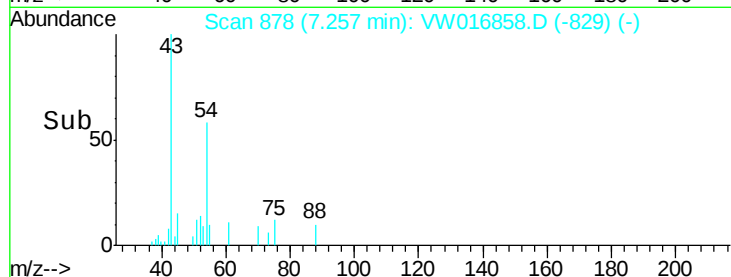
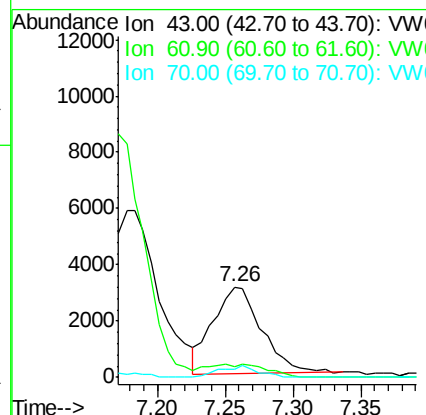
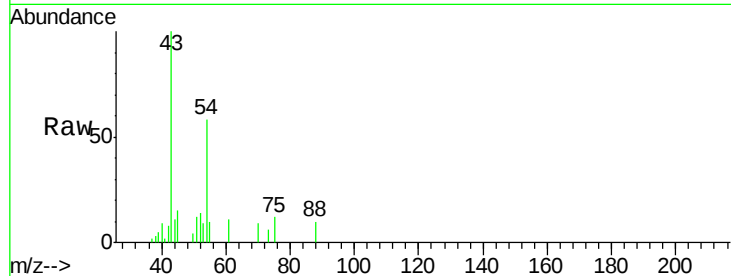
#37
Ethyl Acetate
Concen: 4.984 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.0	18.0#
70	10.6	9.9	14.9

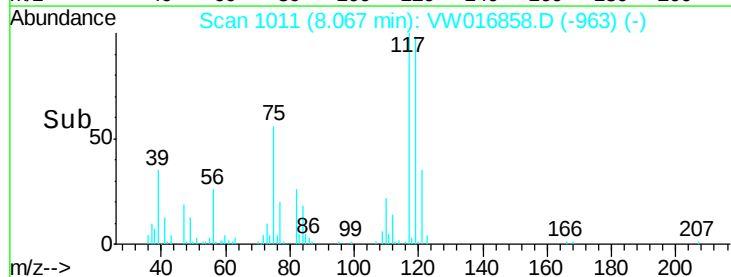
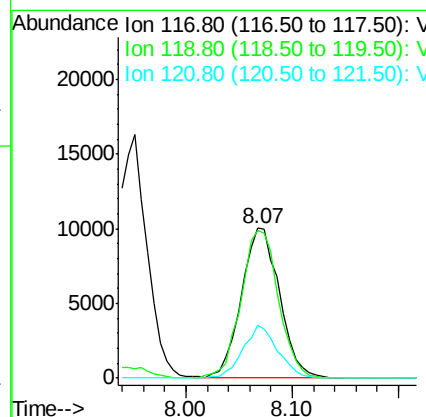
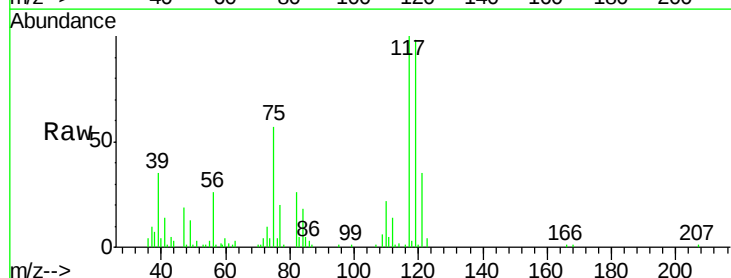
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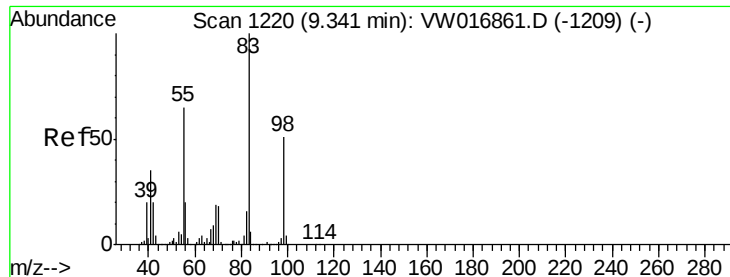
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#38
Carbon Tetrachloride
Concen: 5.201 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	81.6	122.4
121	35.0	25.7	38.5





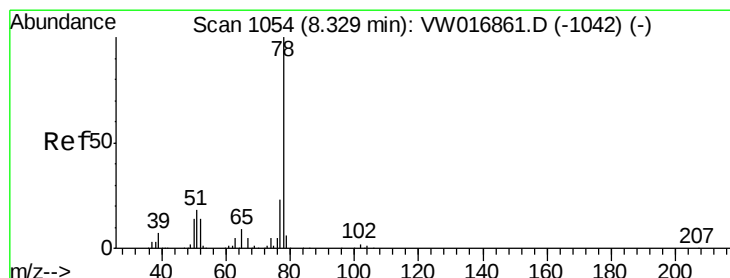
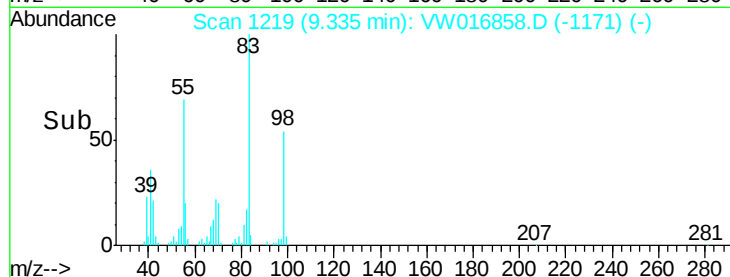
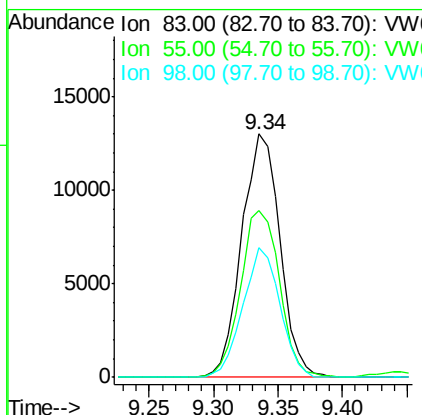
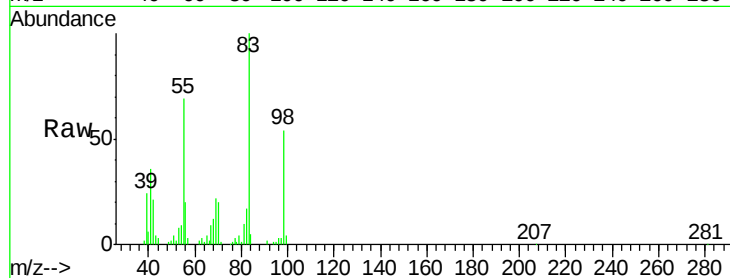
#39
Methvlcvclohexane
Concen: 5.027 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.6	51.7	77.5
98	53.5	41.0	61.4

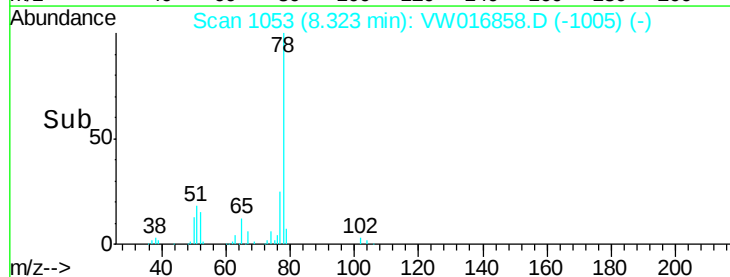
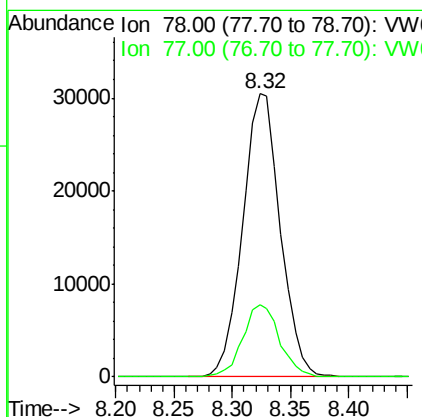
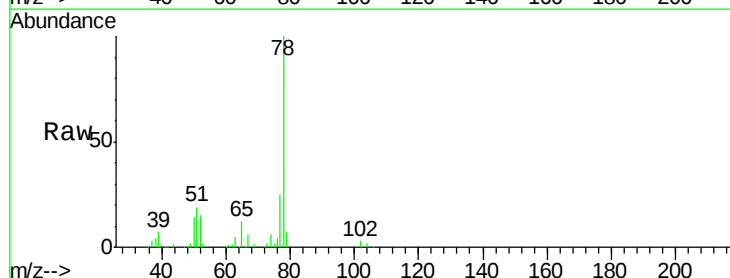
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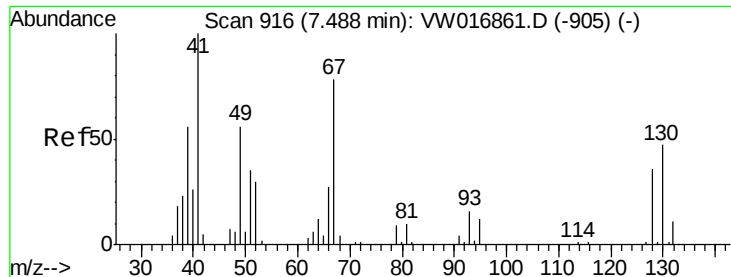
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#40
Benzene
Concen: 5.258 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.5	27.7





#41

Methacrylonitrile

Concen: 6.983 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

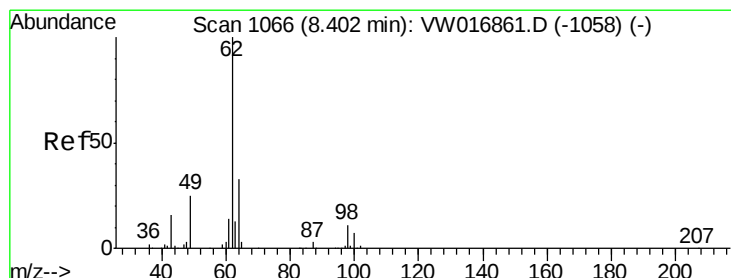
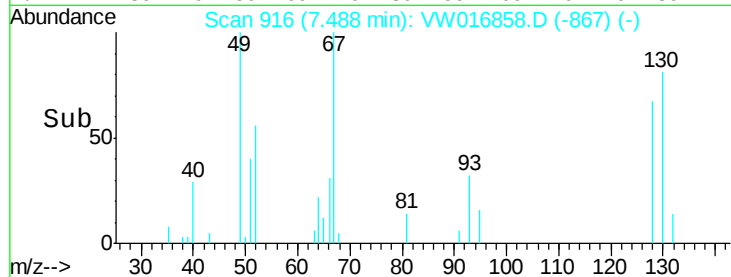
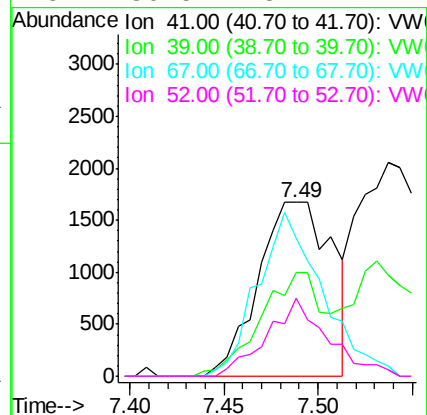
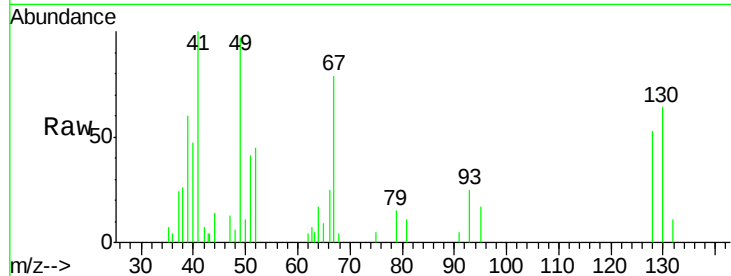
ClientSampleId :

VSTDIC005

Tot Ion:	41	Resp:	4568
Ion	Ratio	Lower	Upper
41	100		
39	50.2	47.0	70.6
67	82.0	68.6	102.8
52	36.5	28.1	42.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 5.257 ug/l

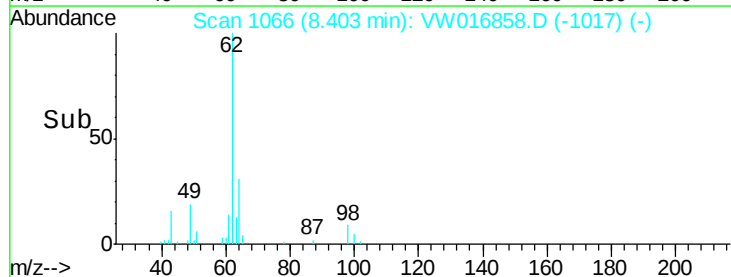
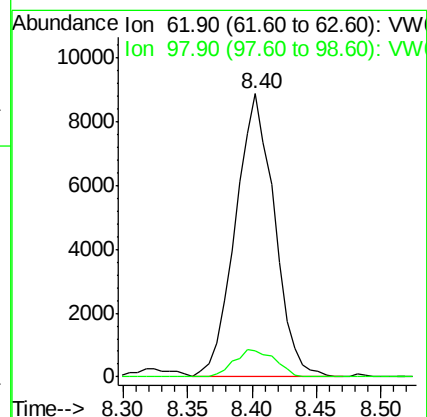
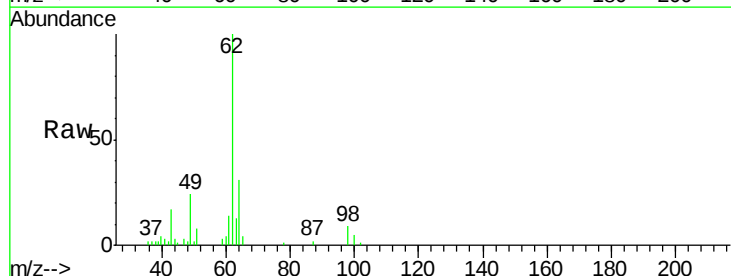
RT: 8.40 min Scan# 1066

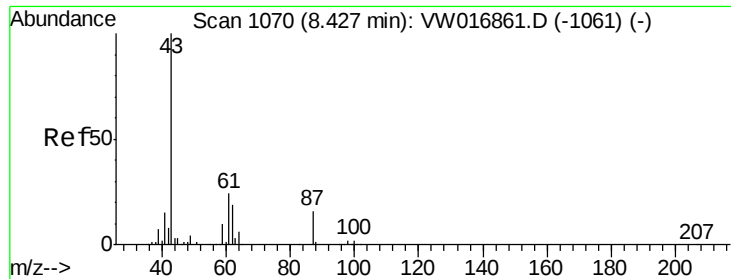
Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Tgt Ion:	62	Resp:	18696
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.0





#43

Isopropyl Acetate

Concen: 4.941 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

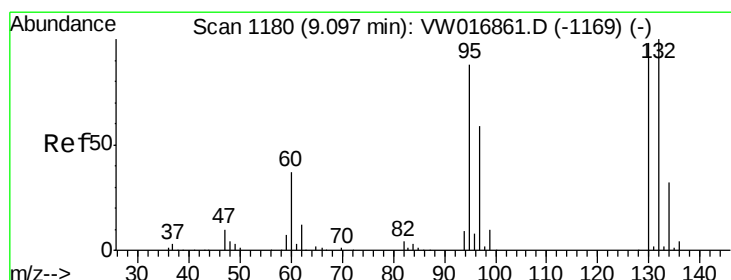
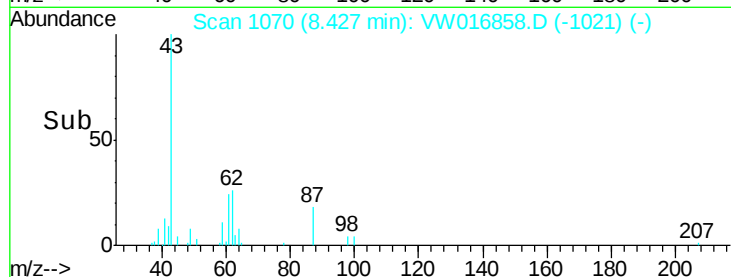
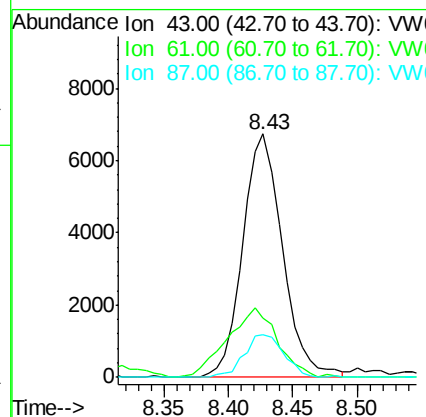
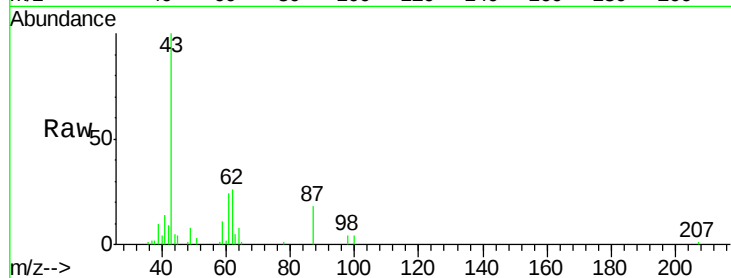
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	14431
Ion	Ratio	Lower	Upper
43	100		
61	35.9	27.5	41.3
87	17.7	13.6	20.4

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#44

Trichloroethene

Concen: 5.347 ug/l

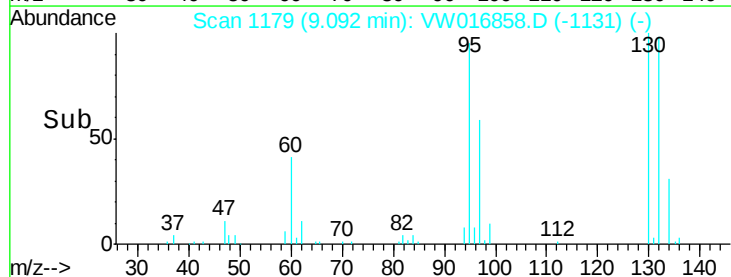
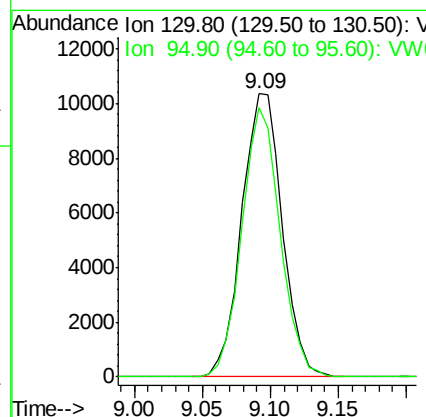
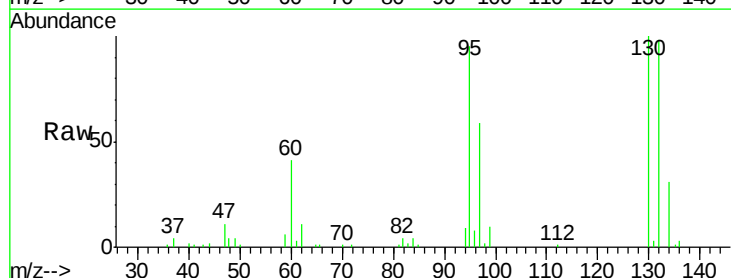
RT: 9.09 min Scan# 1179

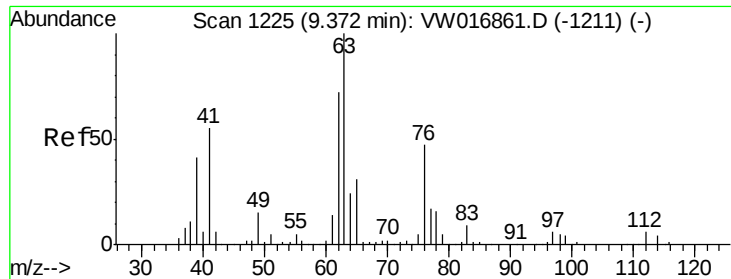
Delta R.T. -0.01 min

Lab File: VW016858.D

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Tgt Ion:	130	Resp:	21518
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	180.2





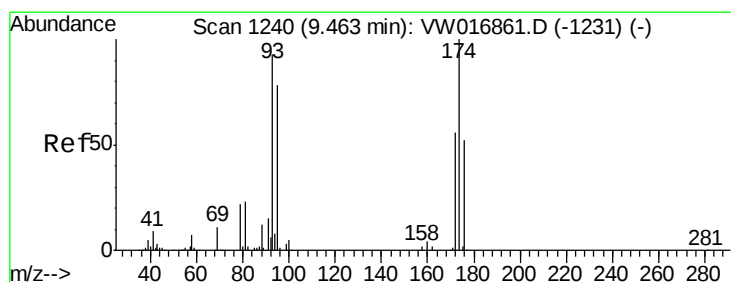
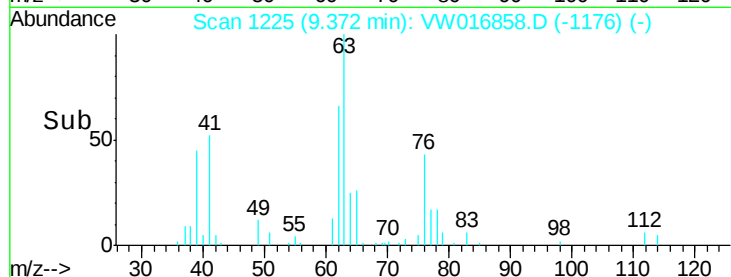
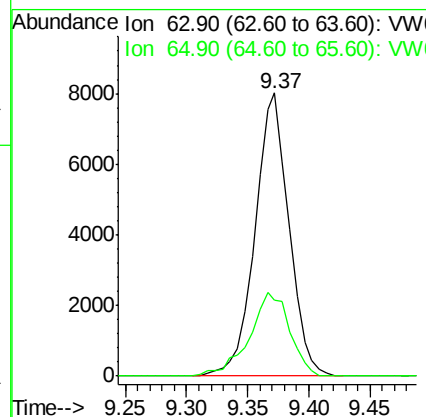
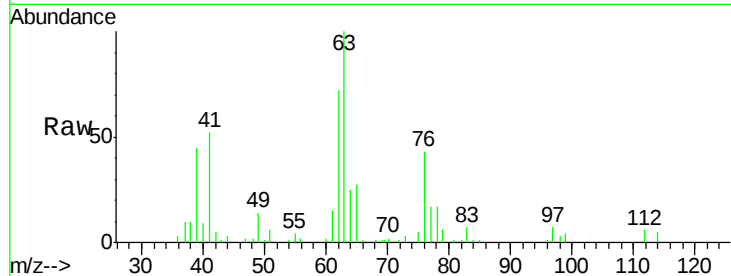
#45
 1,2-Dichloropropane
 Concen: 5.215 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 15463
 Ion Ratio Lower Upper
 63 100
 65 26.8 25.1 37.7

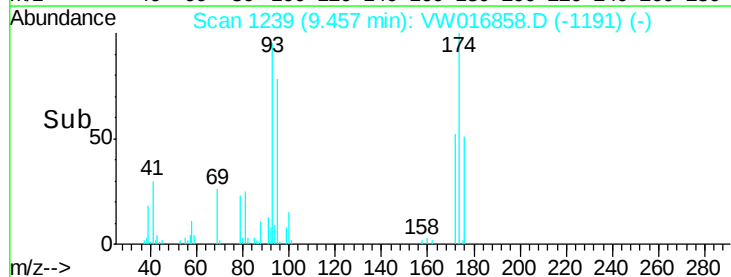
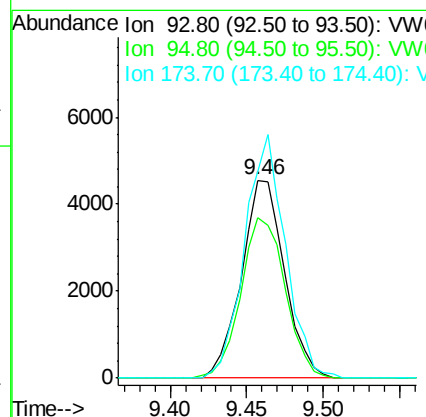
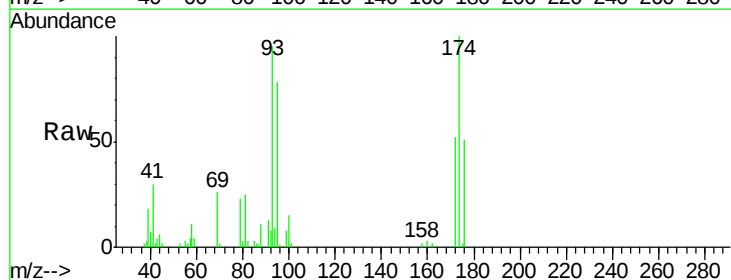
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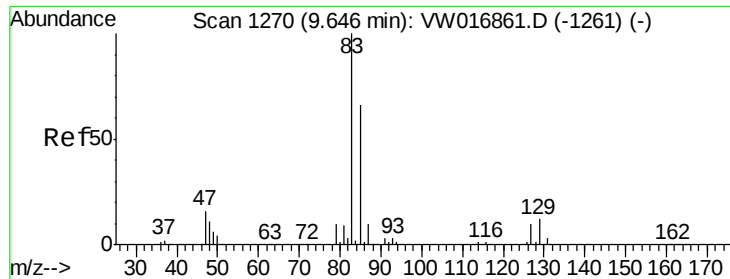
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#46
 Dibromomethane
 Concen: 5.260 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Tgt Ion: 93 Resp: 8921
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.5 99.7
 174 115.7 91.0 136.6





#47

Bromodichloromethane

Concen: 5.010 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

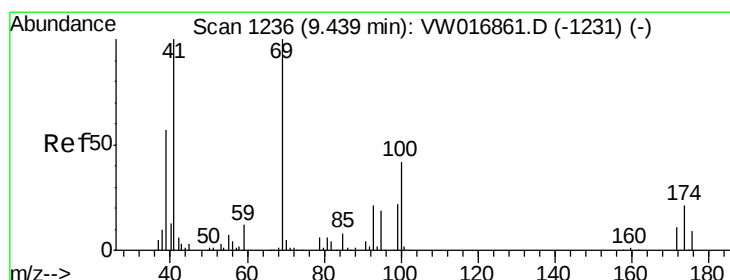
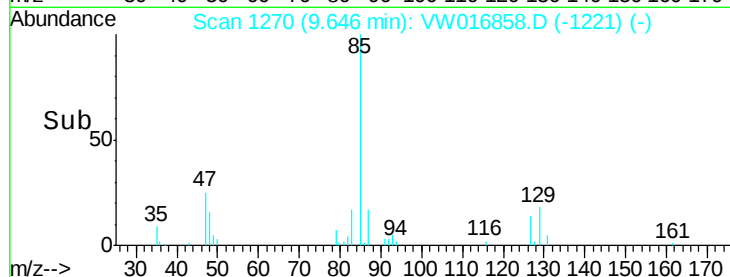
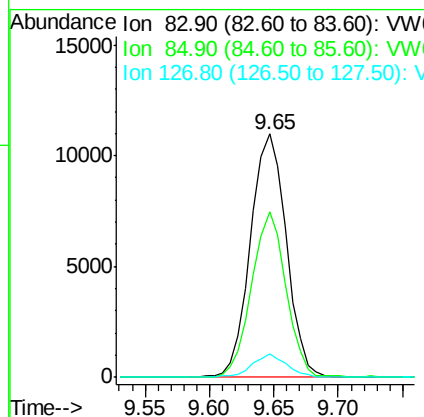
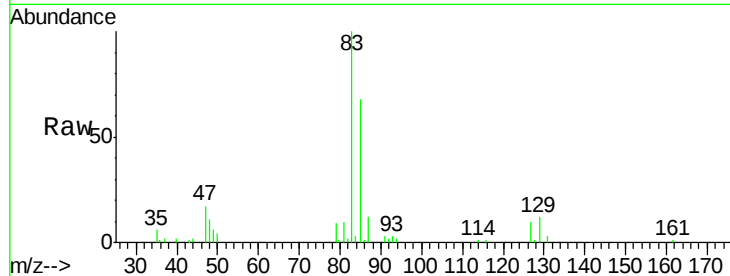
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	21128
Ion Ratio	Lower	Upper	
83	100		
85	67.8	52.7	79.1
127	9.7	7.8	11.6

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#48

Methyl methacrylate

Concen: 4.482 ug/l

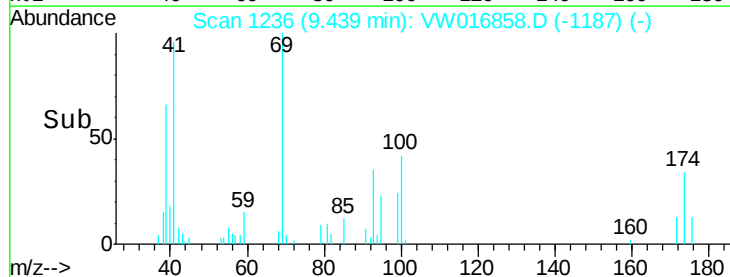
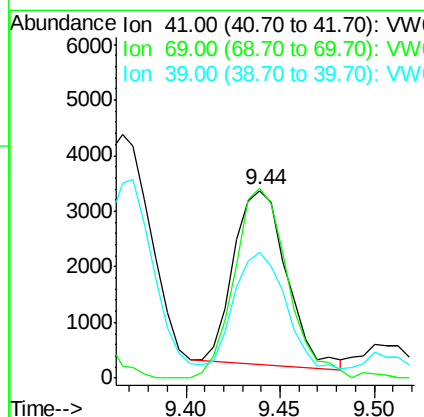
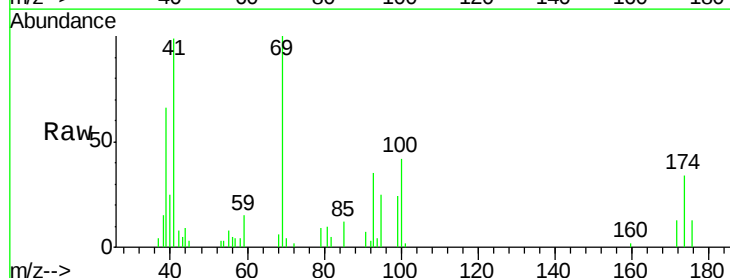
RT: 9.44 min Scan# 1236

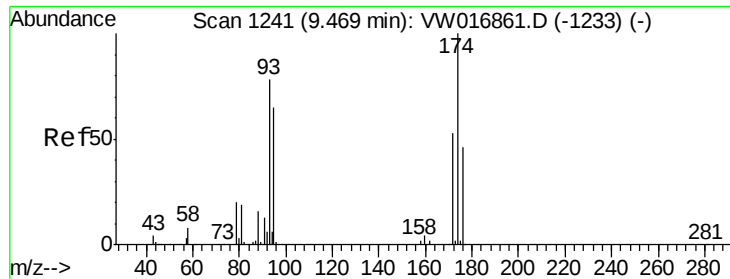
Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Tgt Ion:	41	Resp:	6032
Ion Ratio	Lower	Upper	
41	100		
69	110.2	83.5	125.3
39	77.1	50.9	76.3#





#49

1,4-Dioxane

Concen: 104.423 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

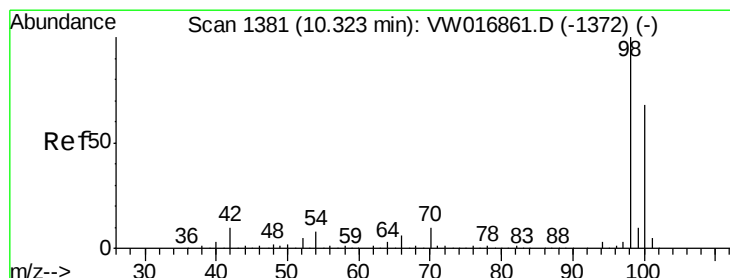
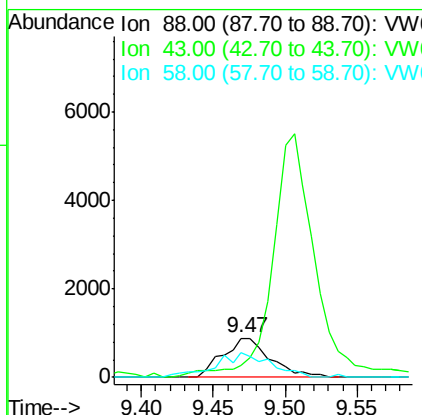
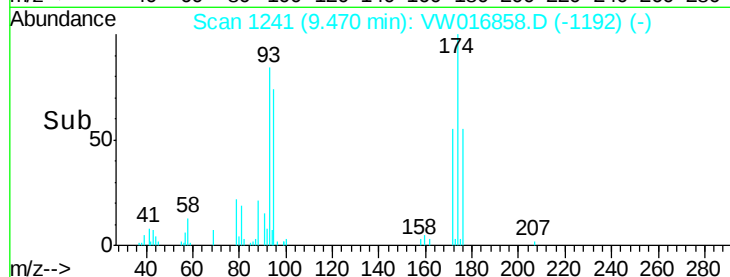
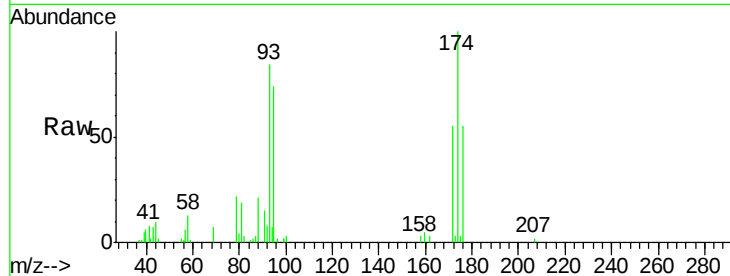
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	2037
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.7	54.0	81.0

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#50

Toluene-d8

Concen: 5.010 ug/l

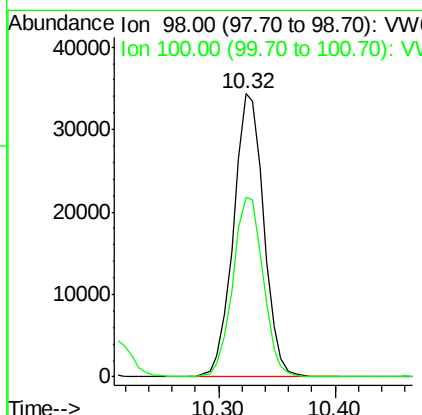
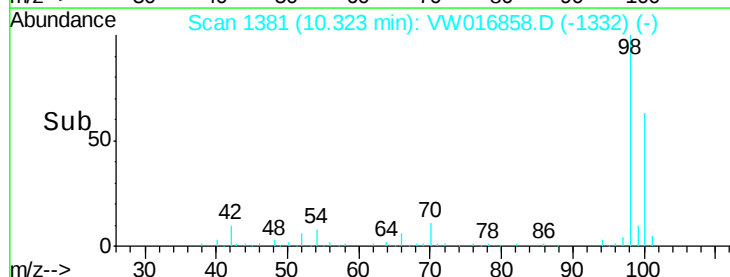
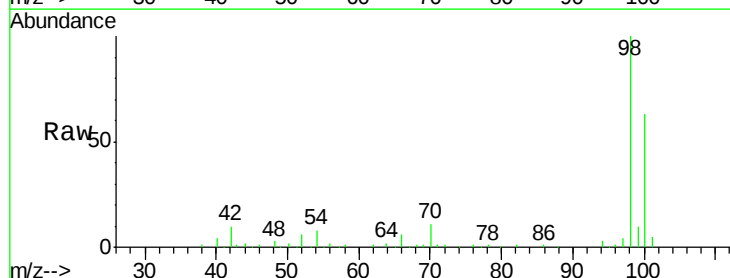
RT: 10.32 min Scan# 1381

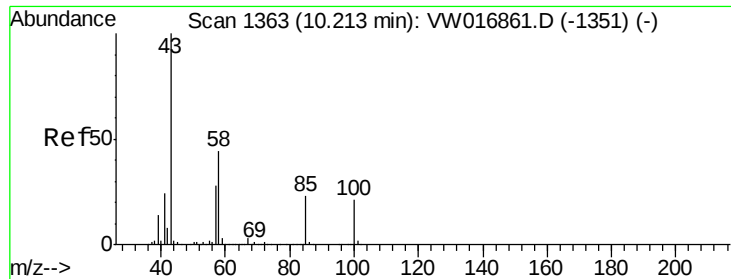
Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Tgt Ion:	98	Resp:	62154
Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 25.541 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 37737

Ion Ratio Lower Upper

43 100

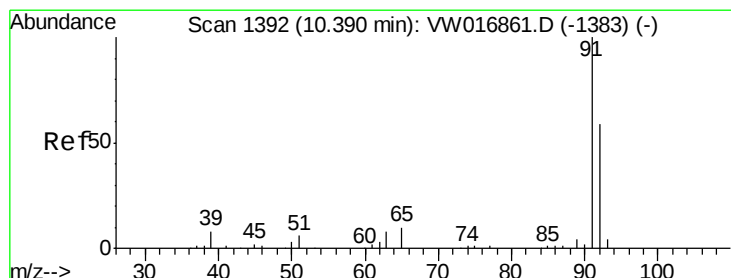
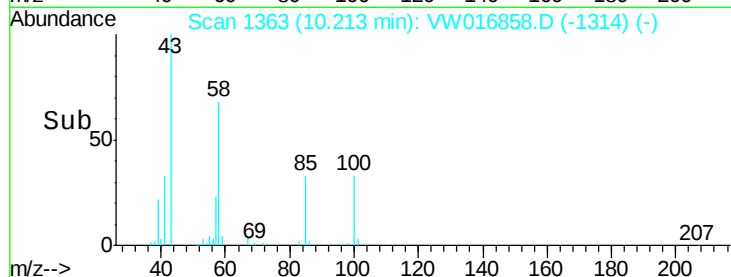
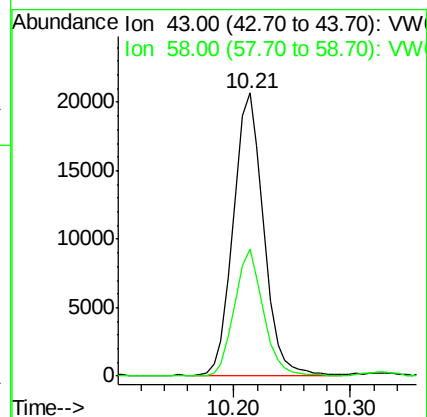
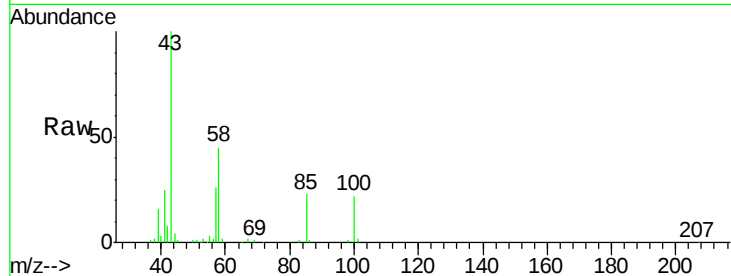
58 42.6 34.7 52.1

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#52

Toluene

Concen: 5.243 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016858.D

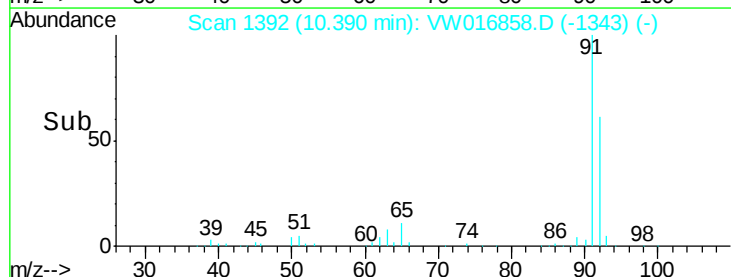
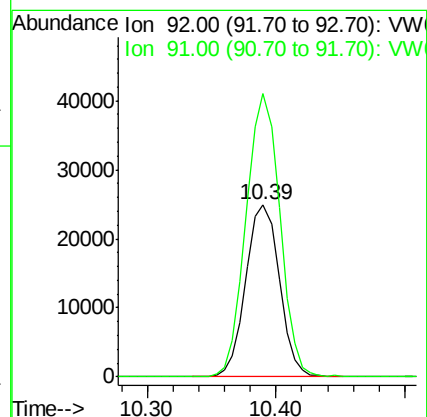
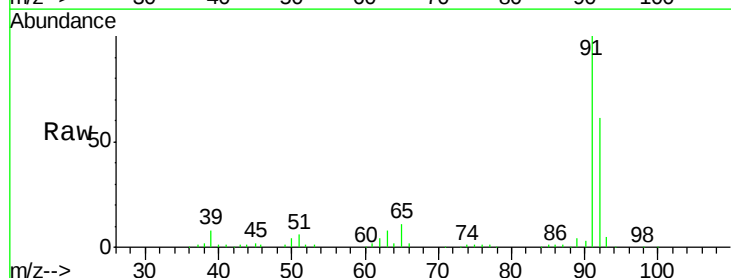
Acq: 09 Oct 2020 13:26

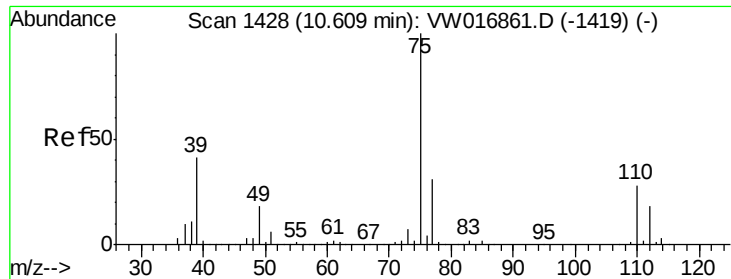
Tgt Ion: 92 Resp: 45065

Ion Ratio Lower Upper

92 100

91 165.4 134.7 202.1





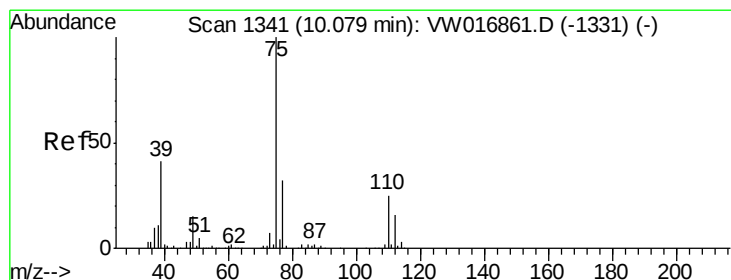
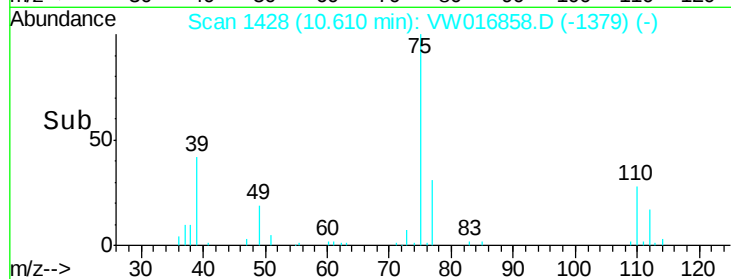
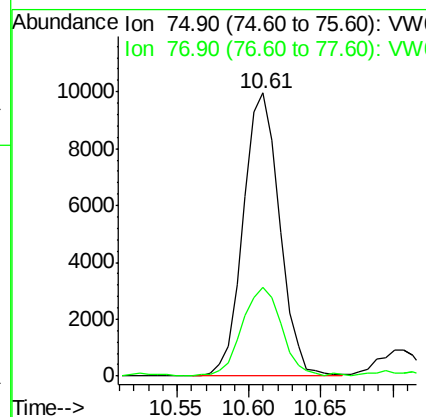
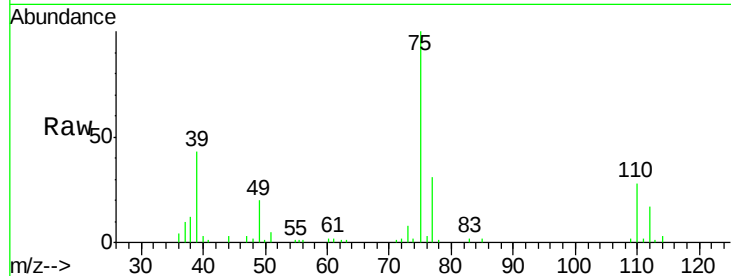
#53
t-1,3-Dichloropropene
Concen: 4.544 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 17444
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2

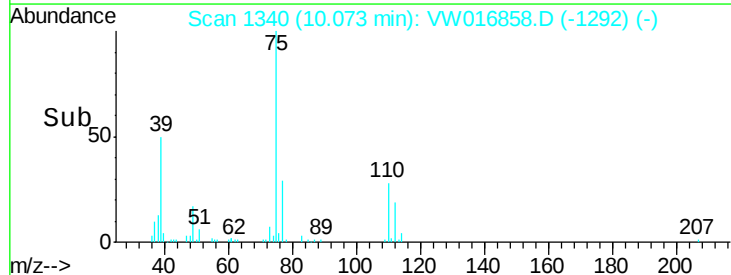
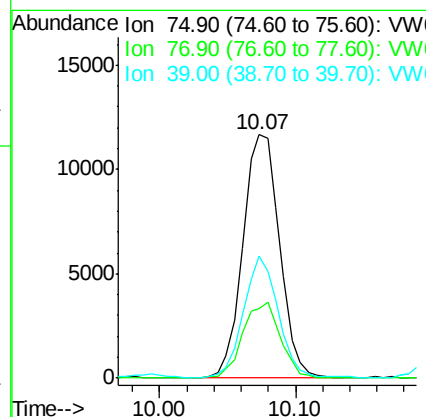
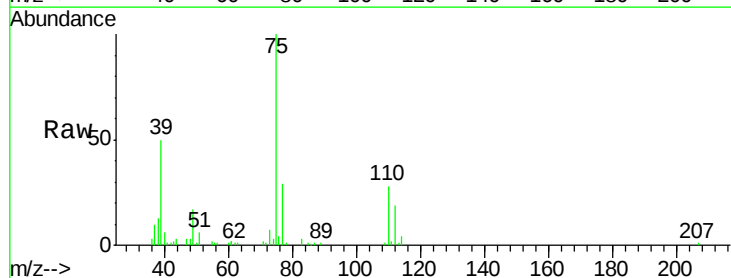
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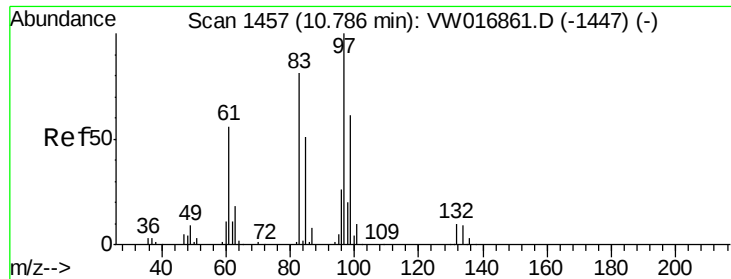
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#54
cis-1,3-Dichloropropene
Concen: 4.704 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion: 75 Resp: 22055
Ion Ratio Lower Upper
75 100
77 28.8 25.8 38.6
39 49.9 32.9 49.3#





#55

1,1,2-Trichloroethane

Concen: 5.095 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

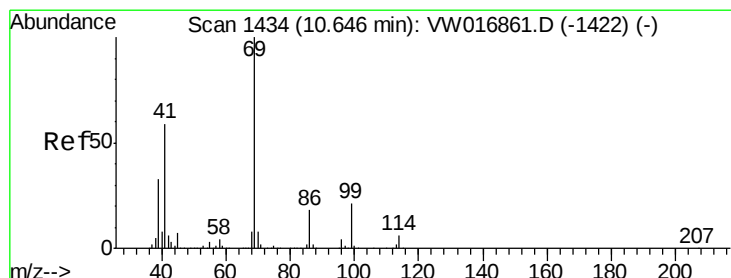
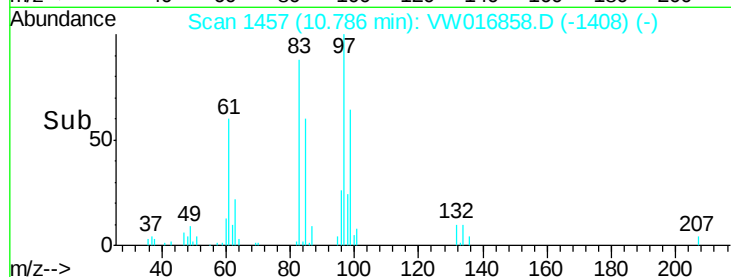
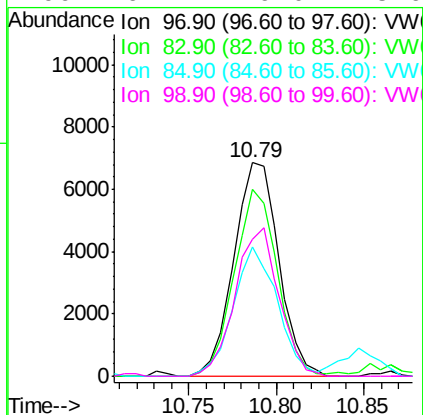
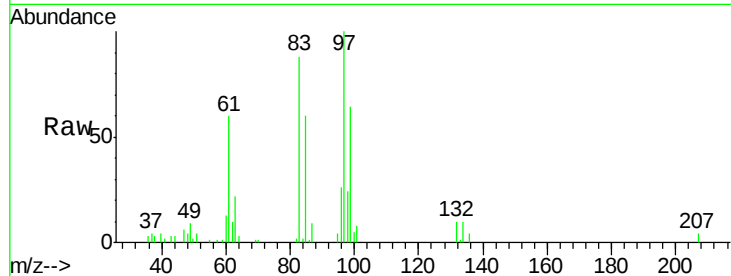
ClientSampleId :

VSTDIC005

Tot Ion:	97	Resp:	12298
Ion	Ratio	Lower	Upper
97	100		
83	87.6	64.6	97.0
85	60.3	40.6	61.0
99	64.2	49.0	73.6

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#56

Ethyl methacrylate

Concen: 4.640 ug/l

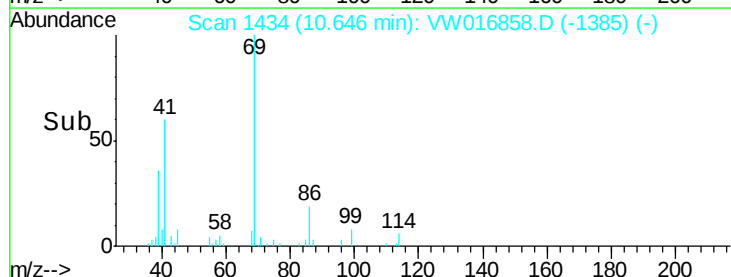
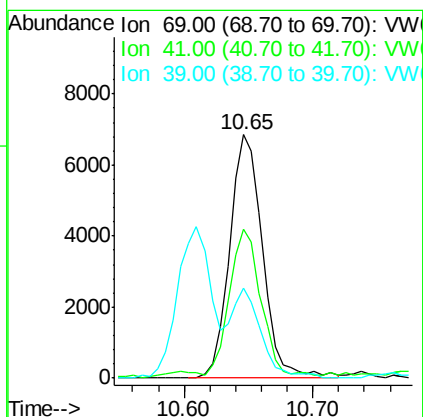
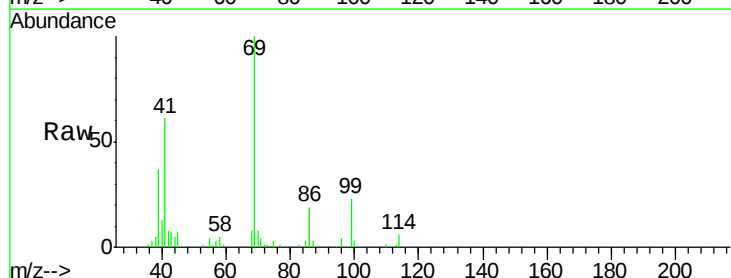
RT: 10.65 min Scan# 1434

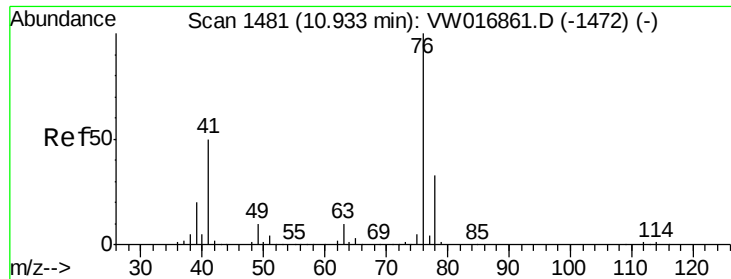
Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Tgt Ion:	69	Resp:	12185
Ion	Ratio	Lower	Upper
69	100		
41	58.1	46.3	69.5
39	34.4	25.9	38.9





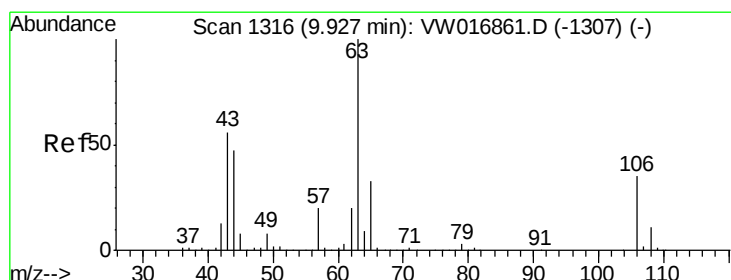
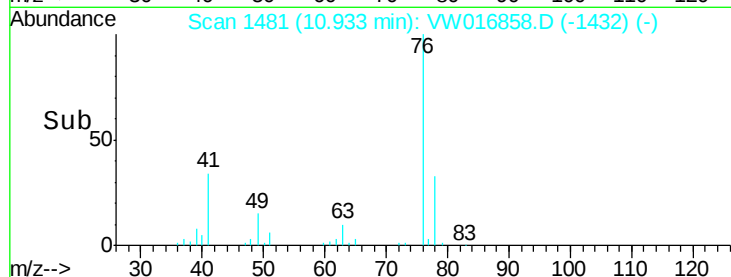
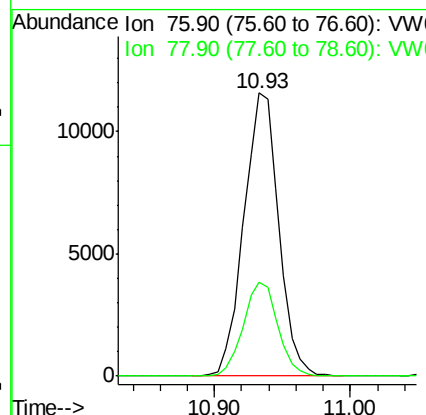
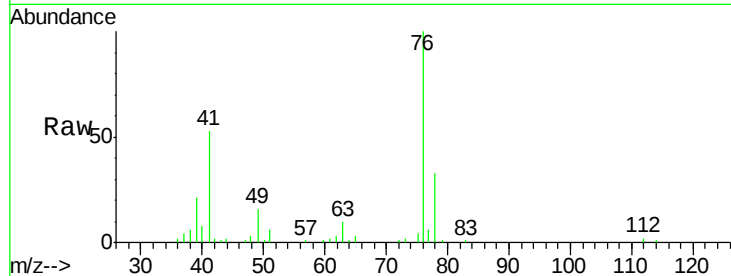
#57
 1,3-Dichloropropane
 Concen: 5.189 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion: 76 Resp: 20724
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0

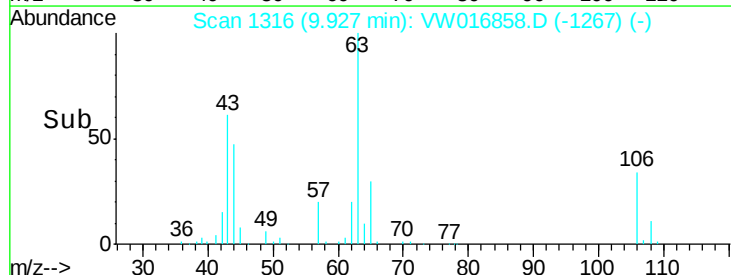
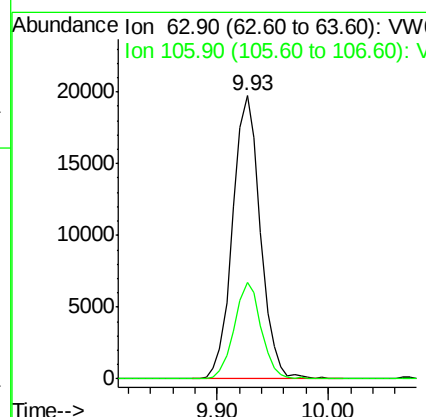
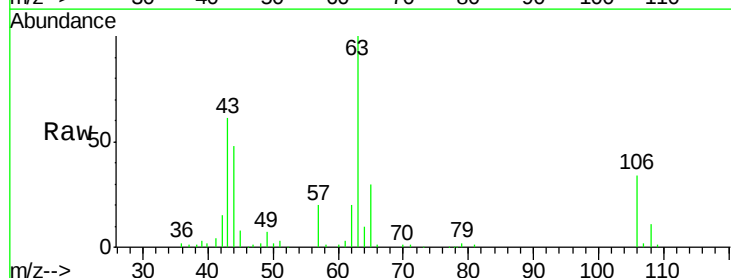
Manual Integrations
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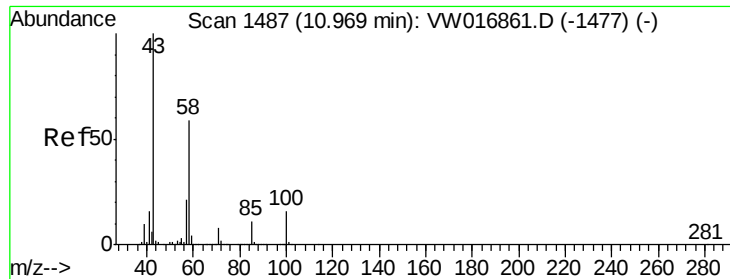
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#58
 2-Chloroethyl Vinyl ether
 Concen: 23.434 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Tgt Ion: 63 Resp: 34101
 Ion Ratio Lower Upper
 63 100
 106 33.0 27.0 40.4





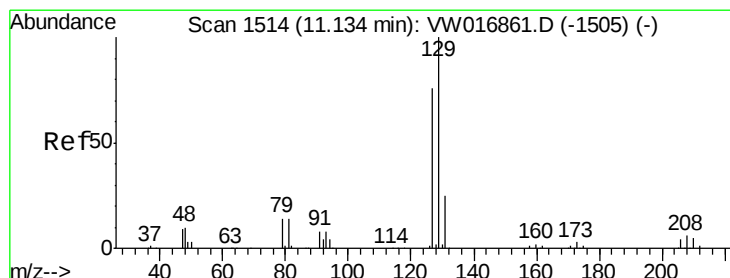
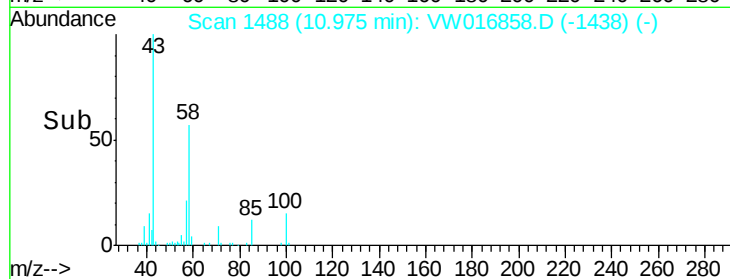
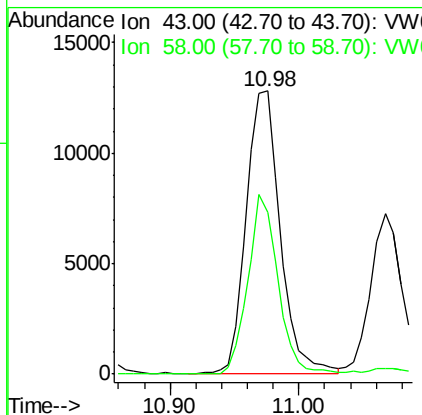
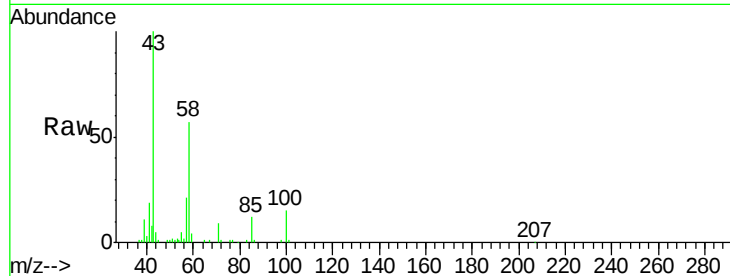
#59
2-Hexanone
Concen: 23.950 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 23413
Ion Ratio Lower Upper
43 100
58 55.9 29.5 88.5

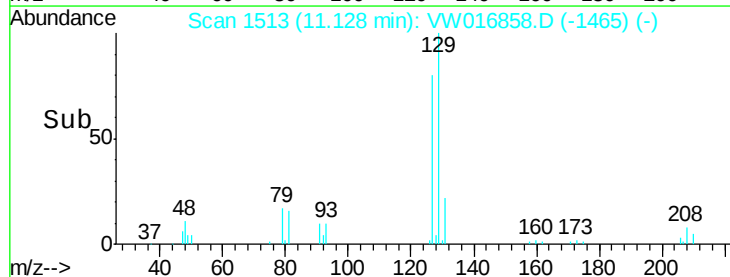
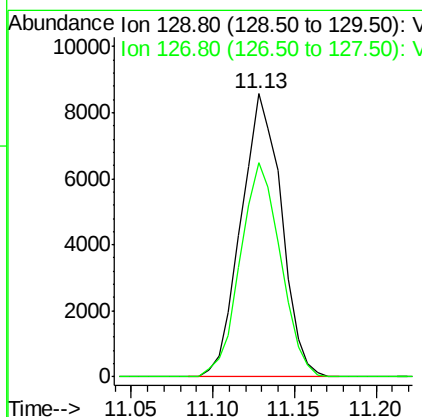
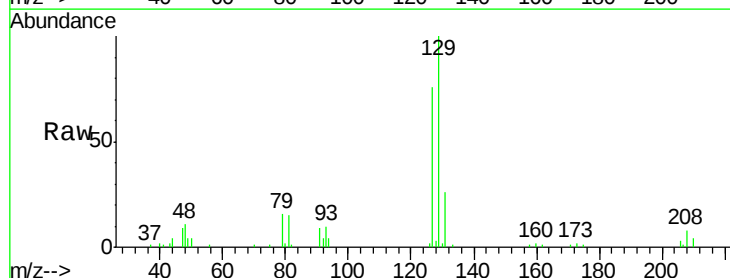
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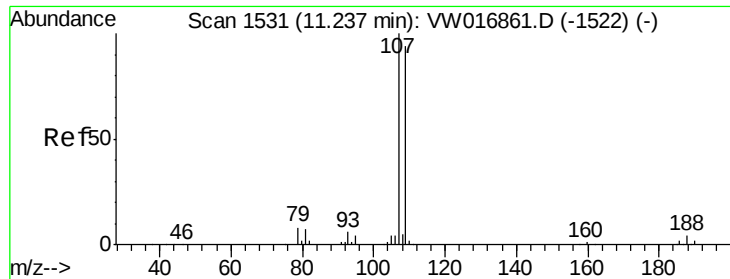
apatel
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#60
Dibromochloromethane
Concen: 4.991 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion: 129 Resp: 14776
Ion Ratio Lower Upper
129 100
127 75.6 38.9 116.6





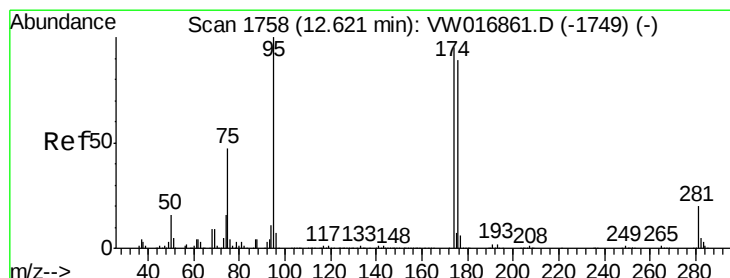
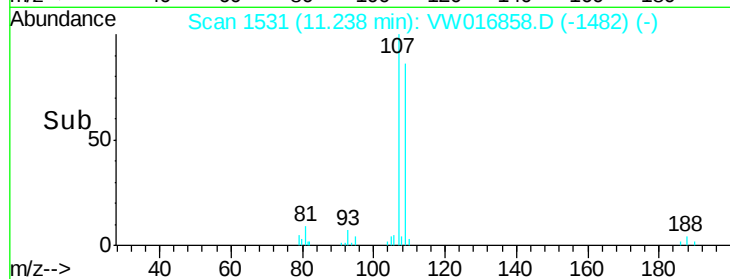
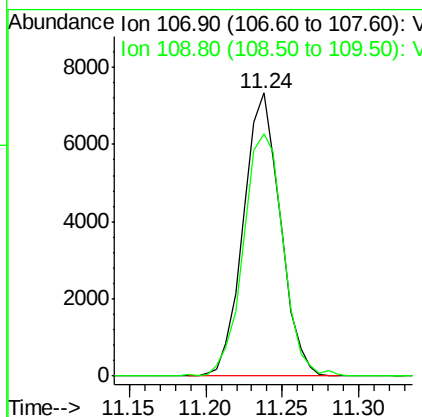
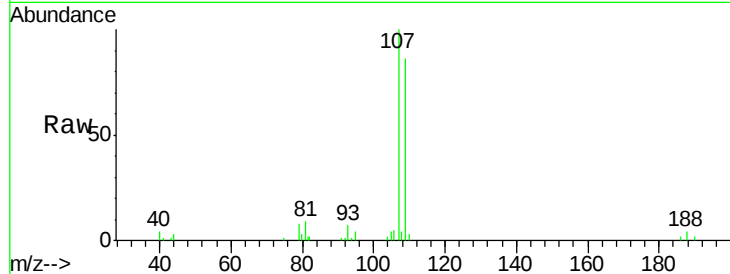
#61
 1,2-Dibromoethane
 Concen: 5.159 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion: 107 Resp: 12333
 Ion Ratio Lower Upper
 107 100
 109 92.3 74.7 112.1

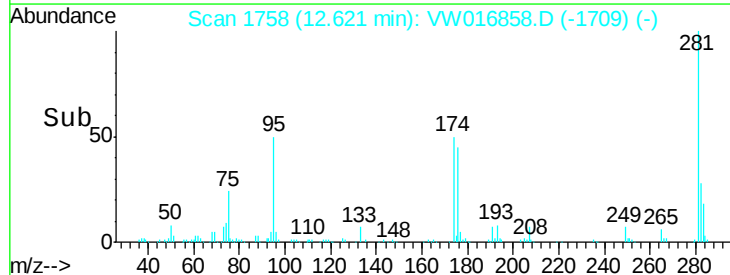
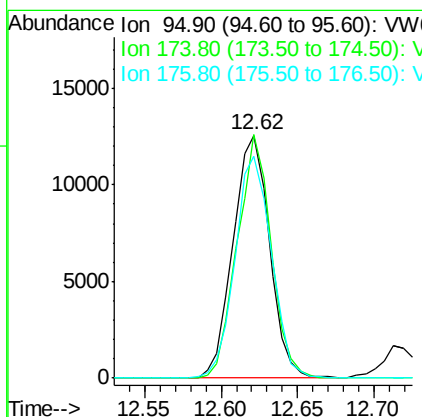
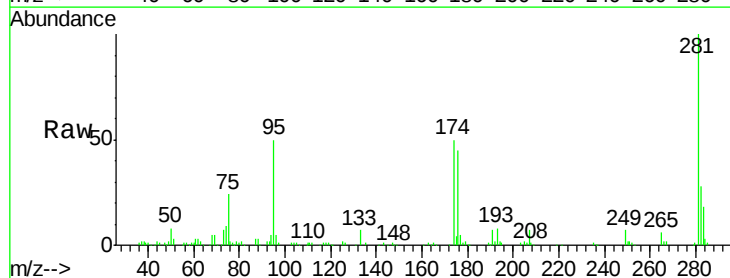
Manual Integrations
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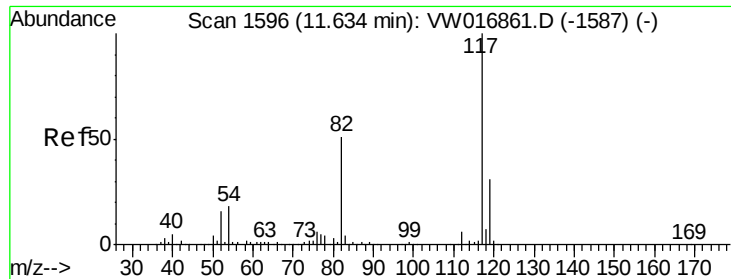
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#62
 4-Bromofluorobenzene
 Concen: 4.849 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Tgt Ion: 95 Resp: 20742
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 180.6
 176 91.3 0.0 177.6





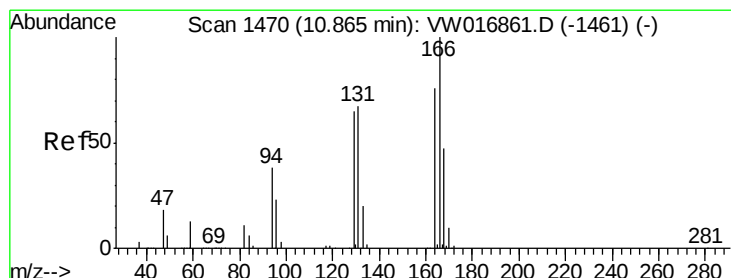
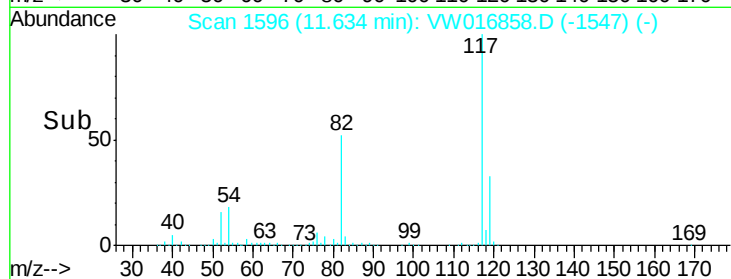
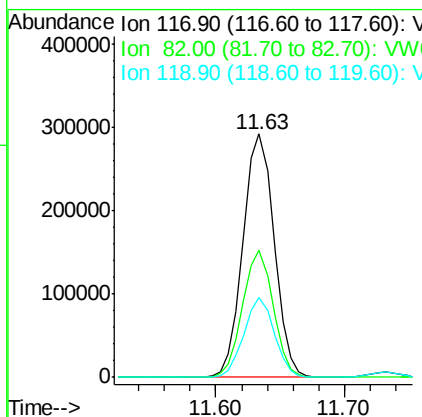
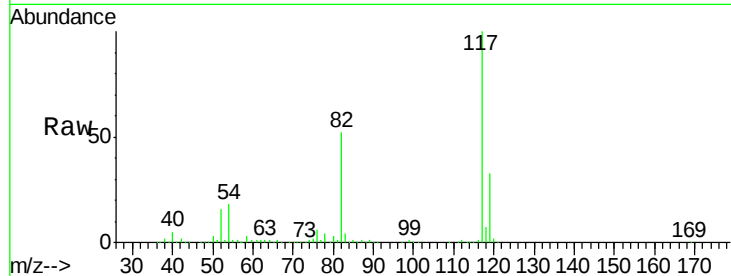
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	40.7	61.1
119	32.7	25.0	37.4

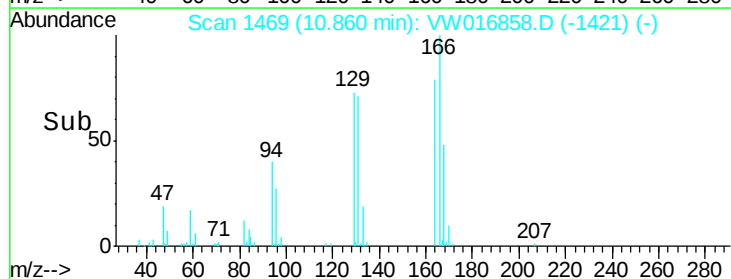
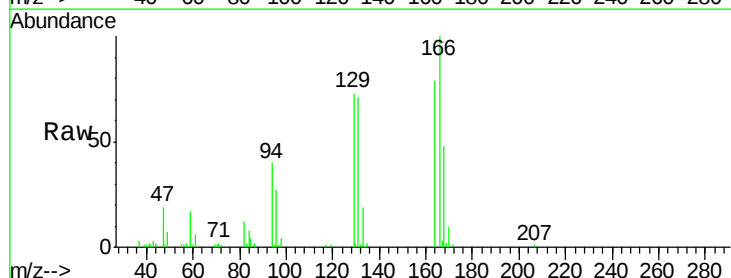
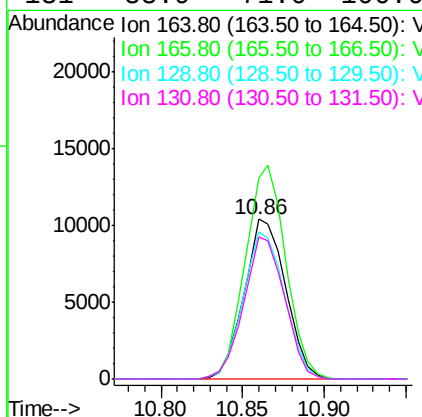
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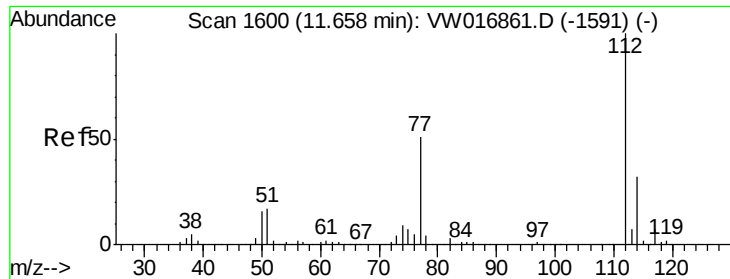
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#64
Tetrachloroethene
Concen: 5.269 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	105.3	157.9
129	92.3	68.8	103.2
131	88.9	71.0	106.6





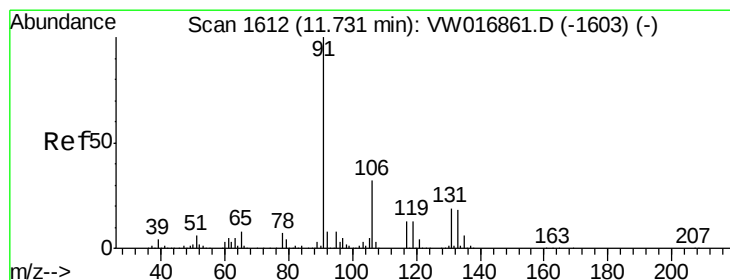
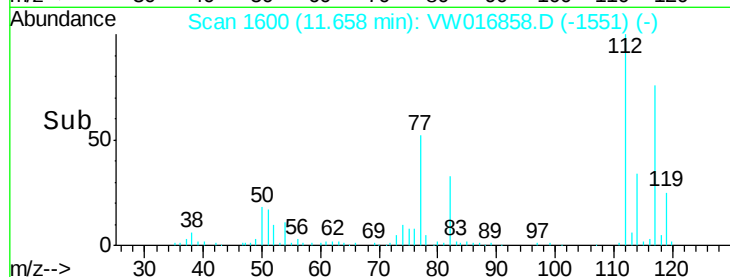
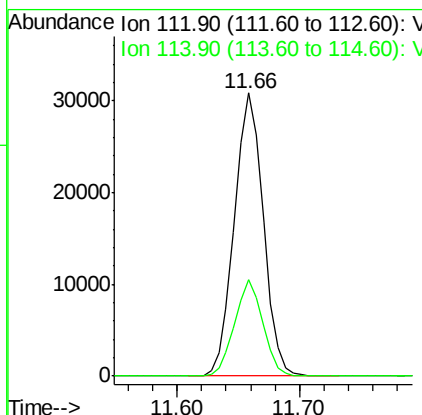
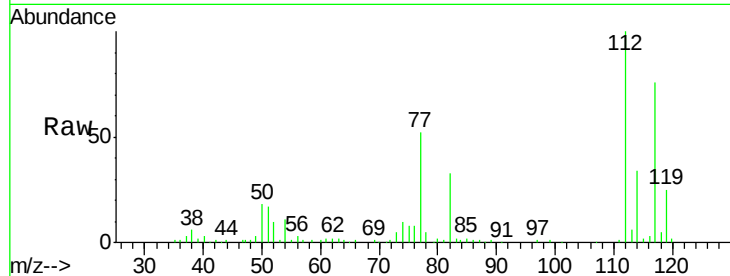
#65
Chlorobenzene
Concen: 5.266 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 50567
Ion Ratio Lower Upper
112 100
114 34.0 25.3 37.9

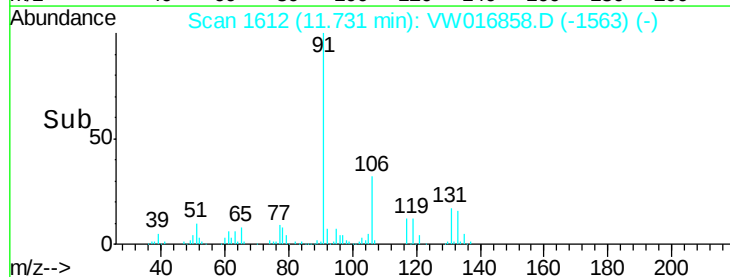
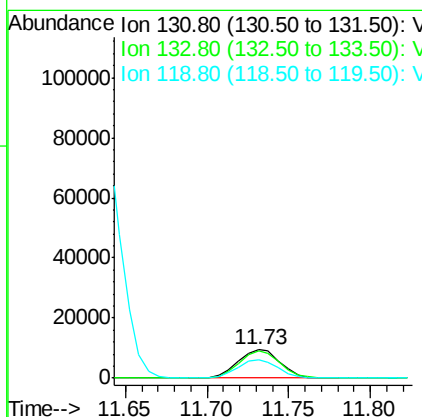
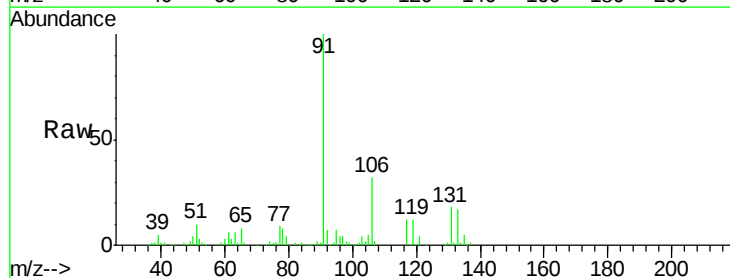
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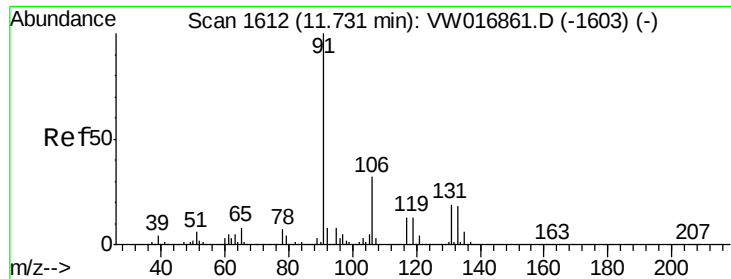
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.975 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion:131 Resp: 16895
Ion Ratio Lower Upper
131 100
133 93.1 48.1 144.3
119 64.2 32.5 97.4





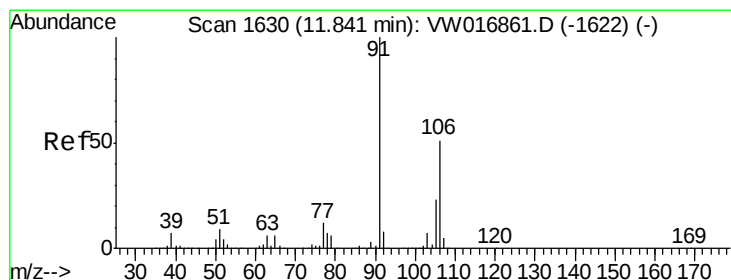
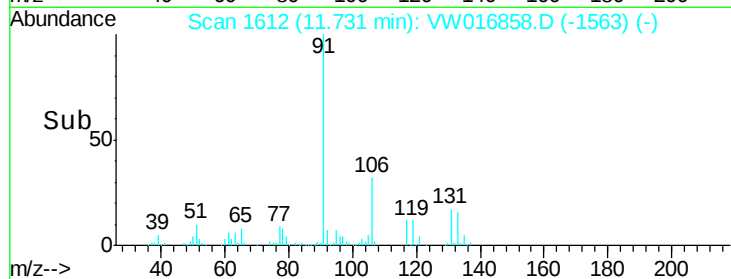
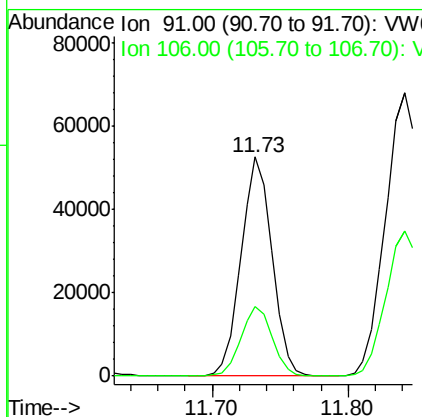
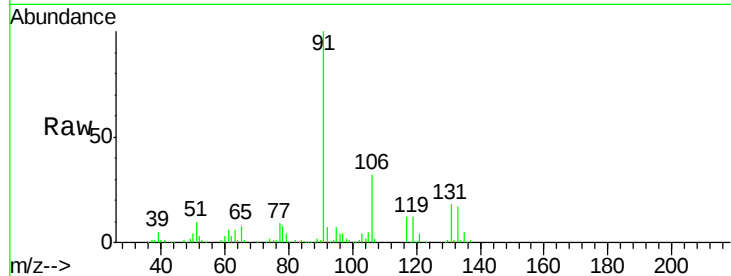
#67
Ethyl Benzene
Concen: 5.011 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 83842
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9

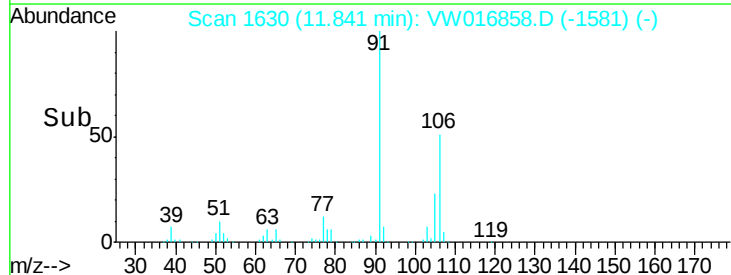
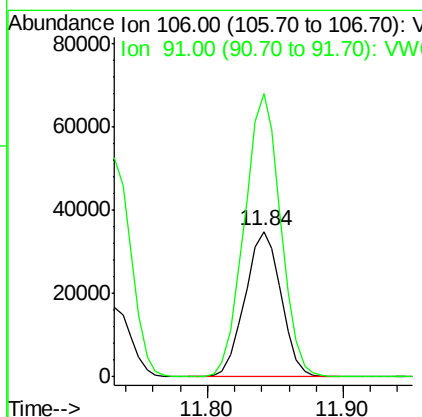
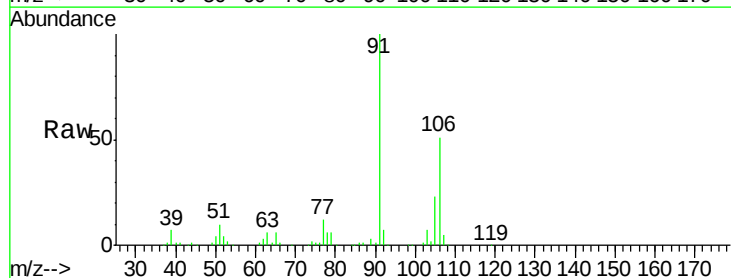
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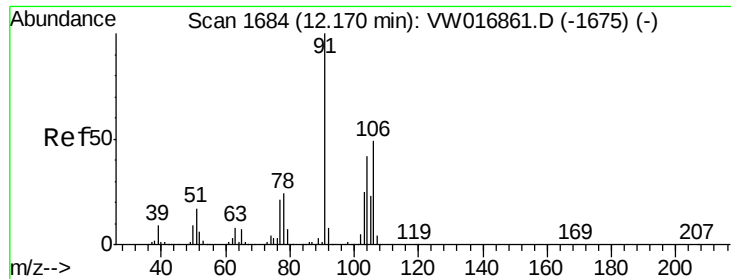
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#68
m/p-Xylenes
Concen: 9.920 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion: 106 Resp: 64556
Ion Ratio Lower Upper
106 100
91 195.9 157.4 236.0





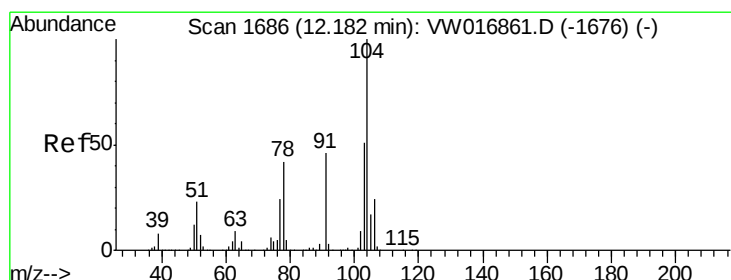
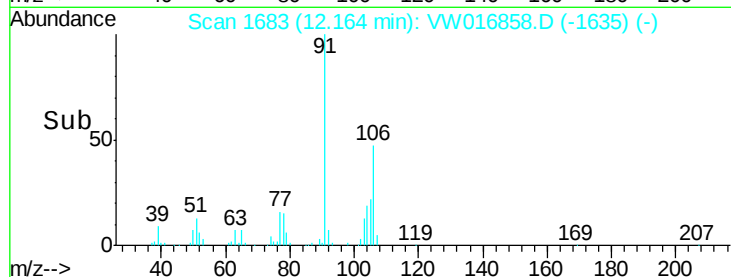
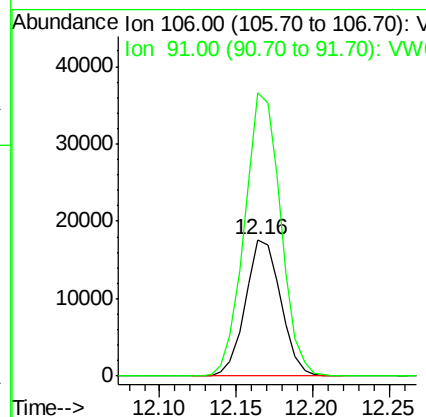
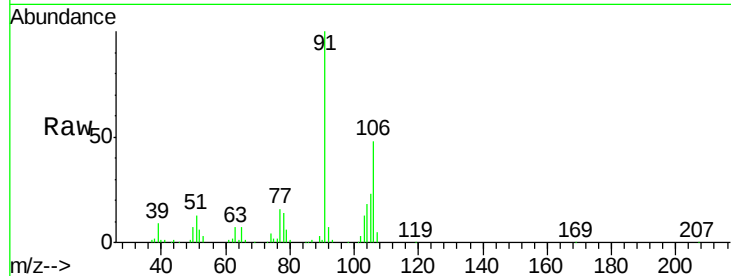
#69
o-Xylene
Concen: 4.727 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 28232
Ion Ratio Lower Upper
106 100
91 213.3 103.6 310.9

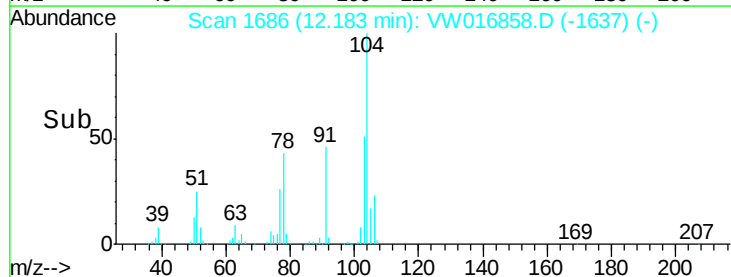
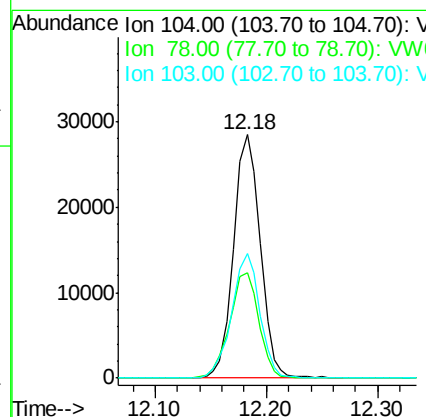
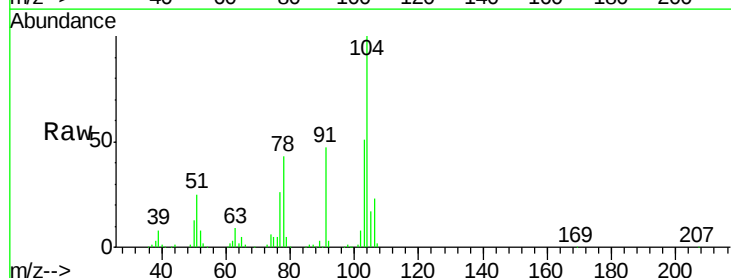
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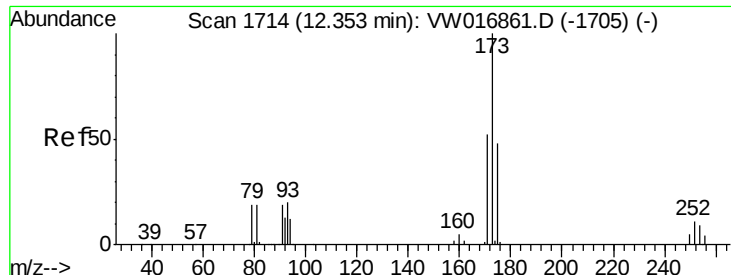
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#70
Styrene
Concen: 4.766 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion:104 Resp: 47370
Ion Ratio Lower Upper
104 100
78 47.5 37.6 56.4
103 53.8 43.6 65.4





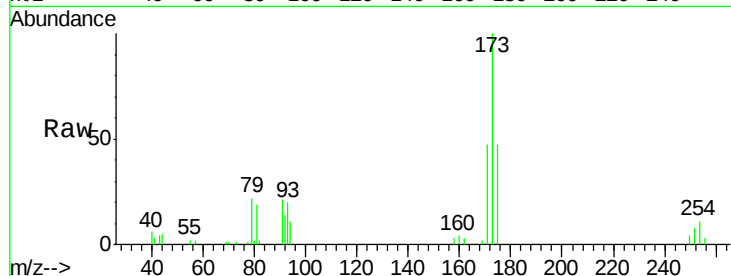
#71
Bromoform
Concen: 4.601 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

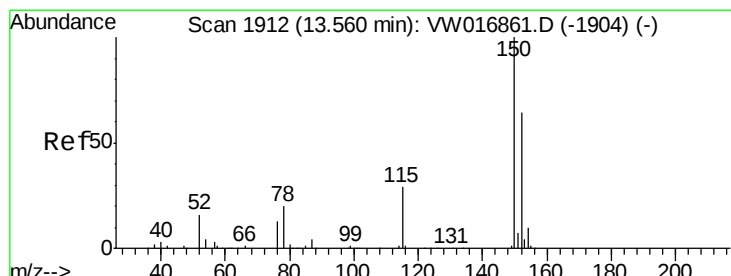
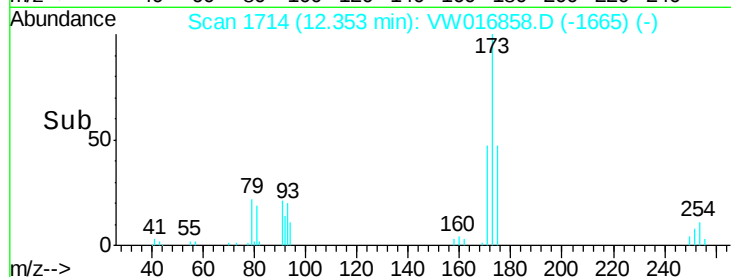
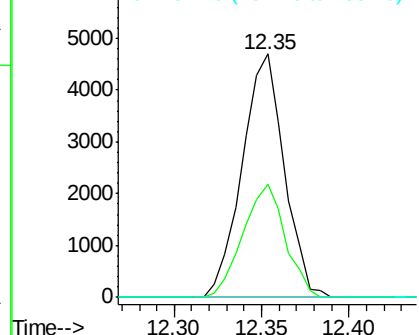
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.5	24.7	74.1
254	0.0	0.1	0.1#

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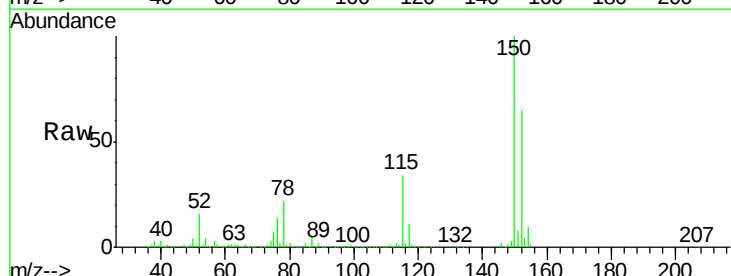


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

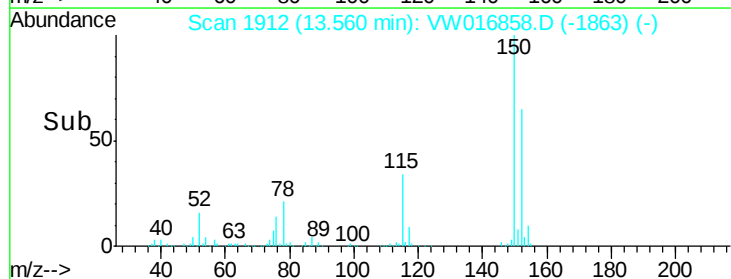
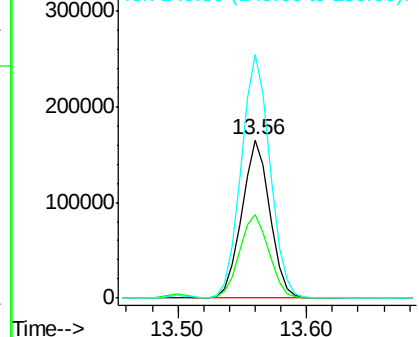


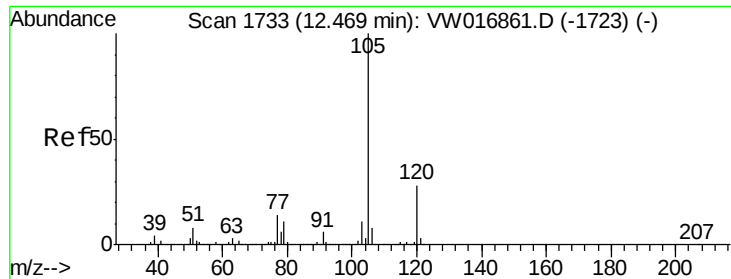
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.9	83.7
150	158.0	0.0	344.0



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





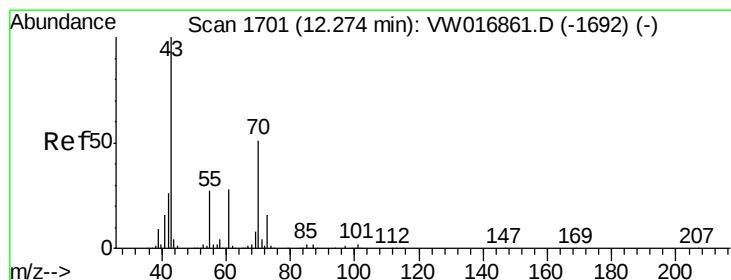
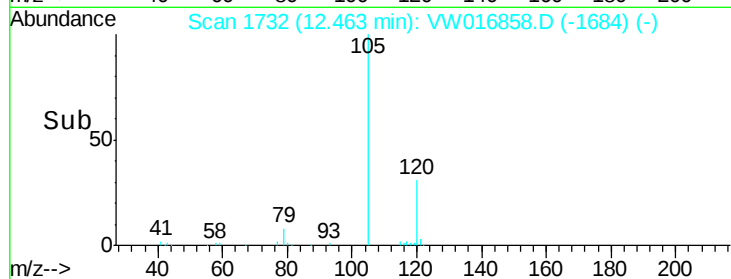
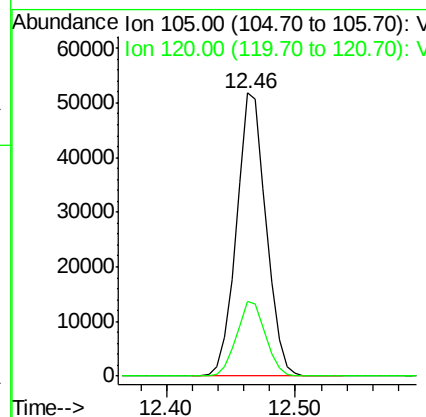
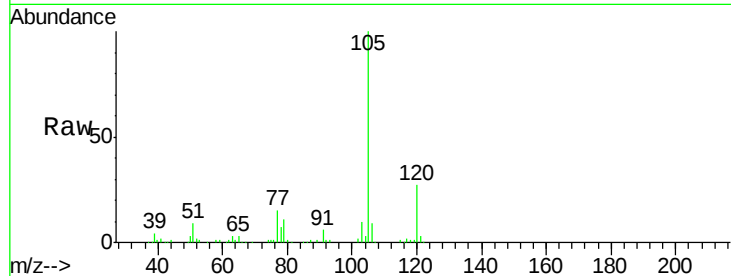
#73
Isopropylbenzene
Concen: 4.993 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.6	40.7

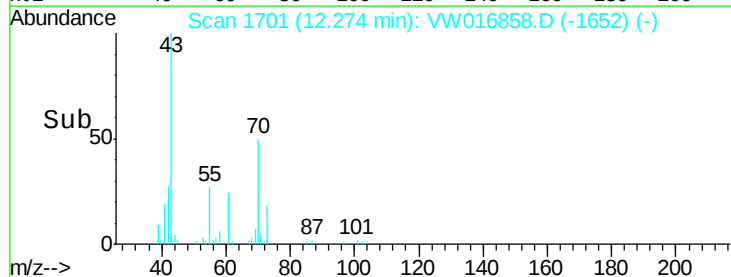
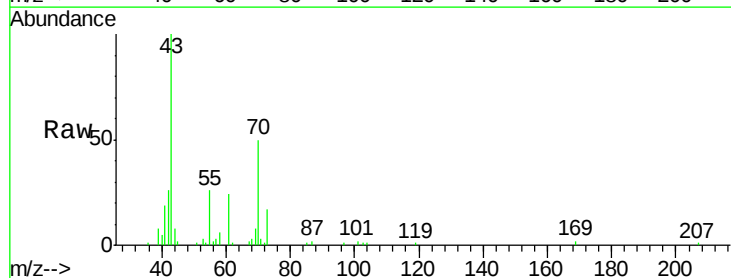
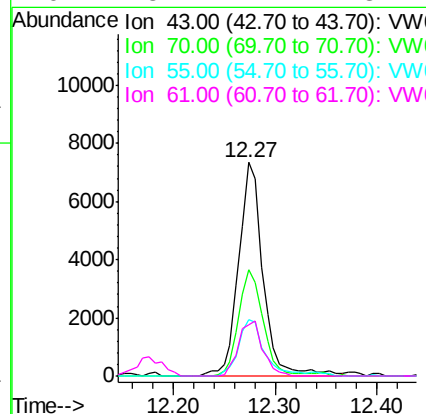
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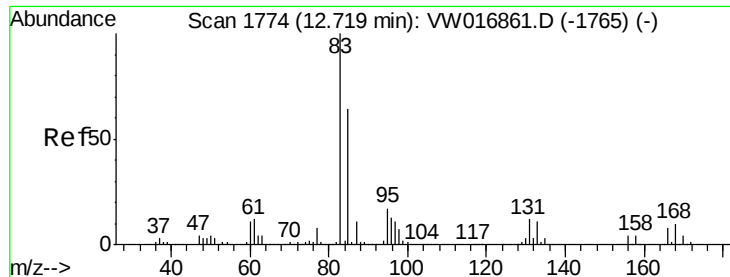
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#74
N-ethyl acetate
Concen: 4.581 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.0	40.2	60.4
55	27.4	21.4	32.0
61	25.4	21.4	32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.167 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

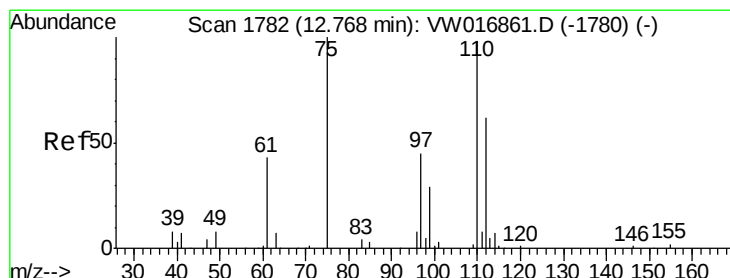
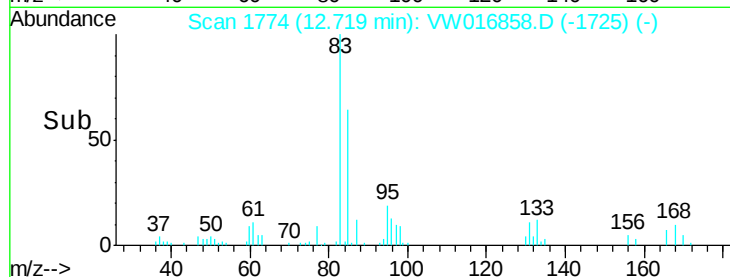
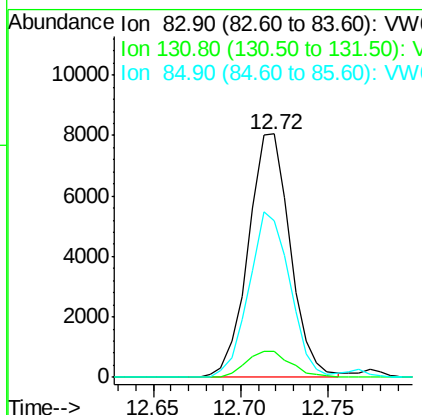
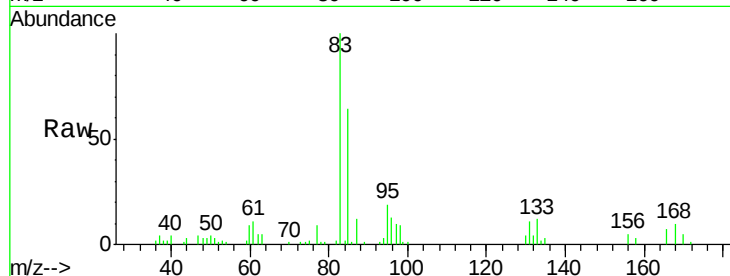
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	13415
Ion	Ratio	Lower	Upper
83	100		
131	11.4	6.1	18.3
85	66.3	32.7	98.1

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#76

1,2,3-Trichloropropane

Concen: 6.724 ug/l m

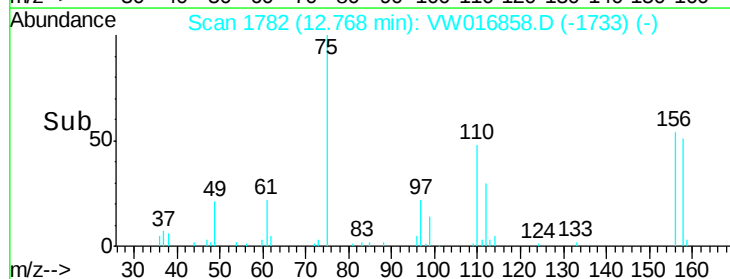
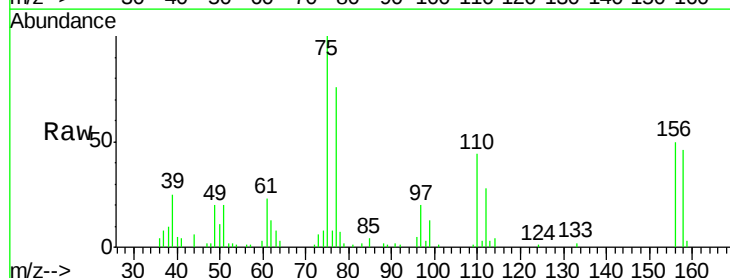
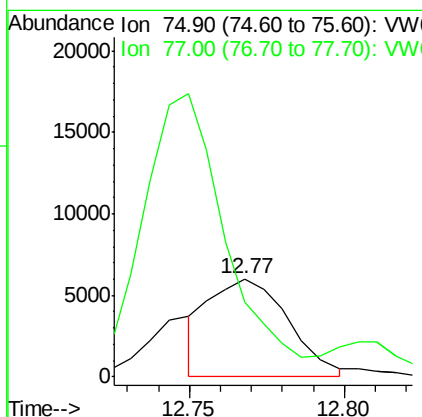
RT: 12.77 min Scan# 1782

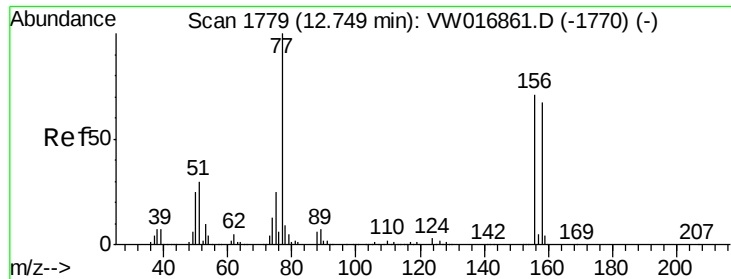
Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Tgt Ion:	75	Resp:	10800
Ion	Ratio	Lower	Upper
75	100		
77	301.1	178.8	536.3





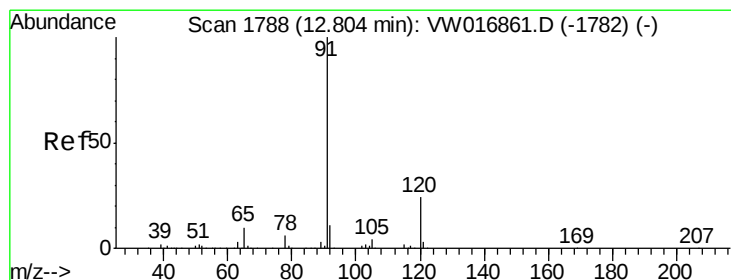
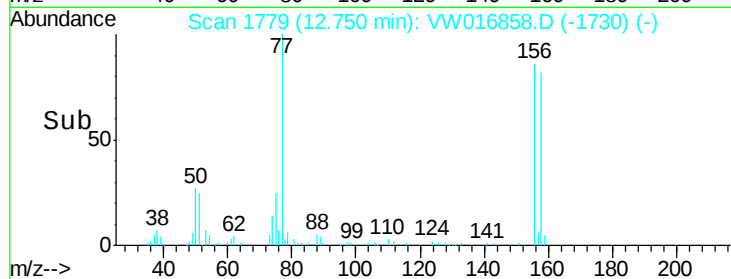
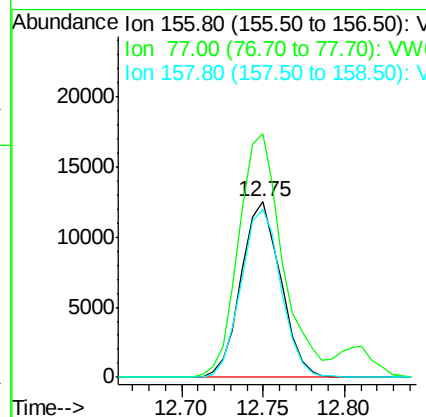
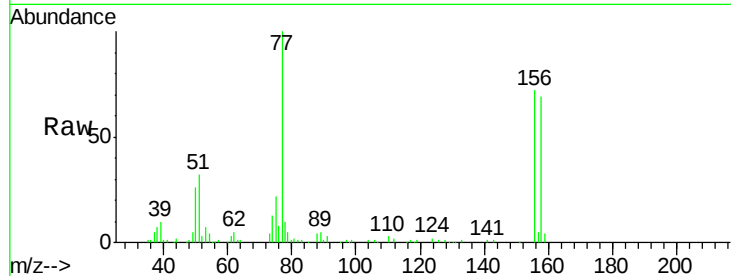
#77
Bromobenzene
Concen: 5.174 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.6	79.0	237.2
158	96.6	47.0	141.2

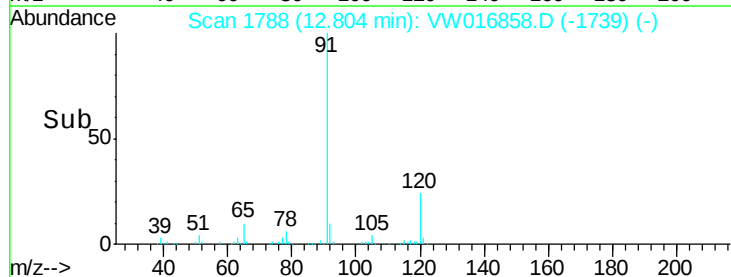
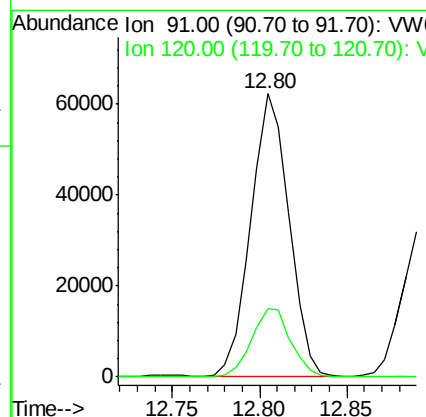
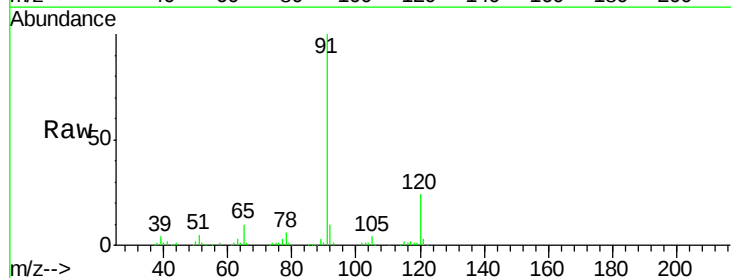
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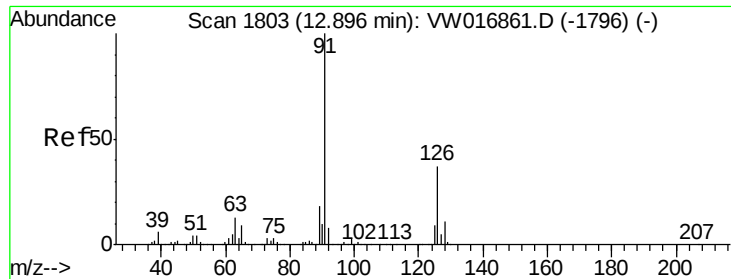
apatel
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#78
n-propylbenzene
Concen: 4.958 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.0	36.1





#79

2-Chlorotoluene

Concen: 4.986 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 54281

Ion Ratio Lower Upper

91 100

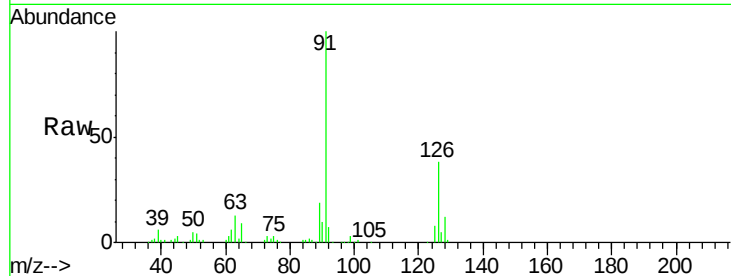
126 36.4 17.9 53.8

Manual Integrations

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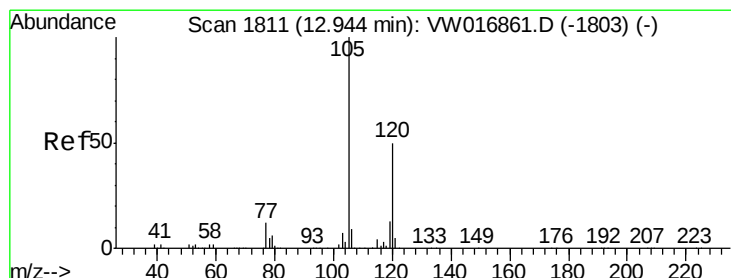
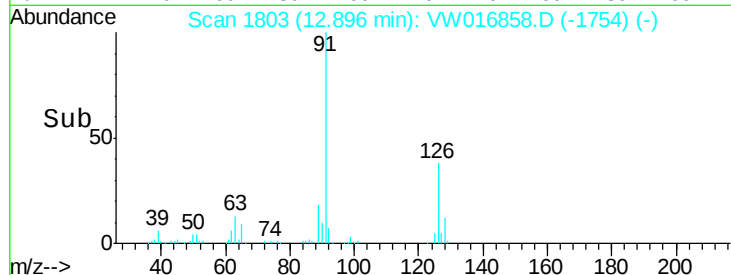
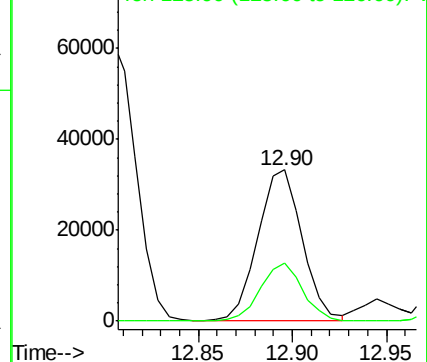
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.895 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016858.D

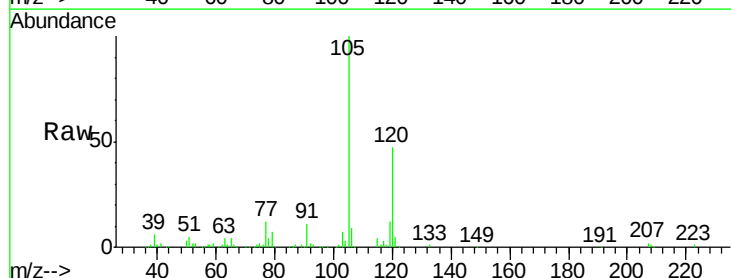
Acq: 09 Oct 2020 13:26

Tgt Ion: 105 Resp: 67882

Ion Ratio Lower Upper

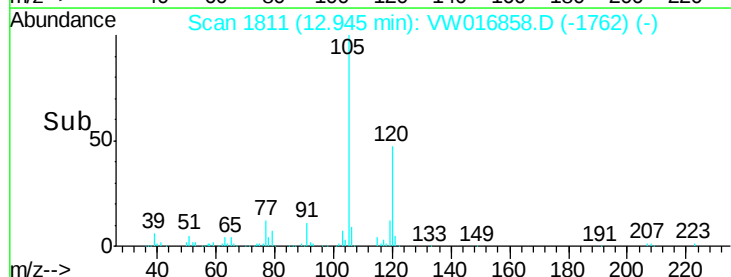
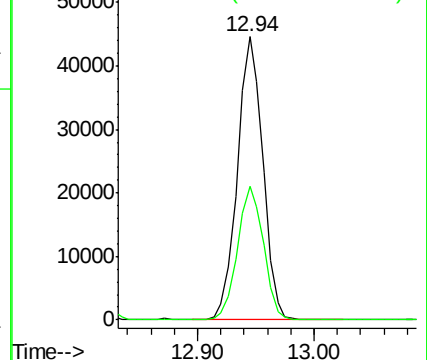
105 100

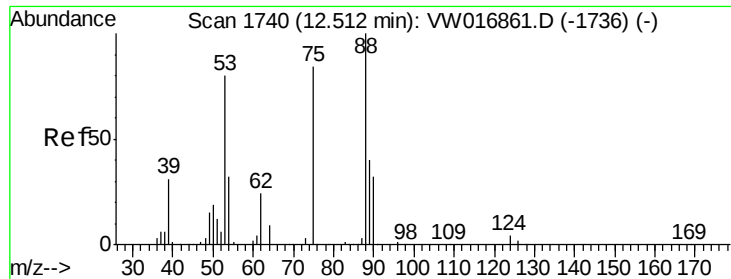
120 48.1 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.222 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Instrument :

MSVOA_W

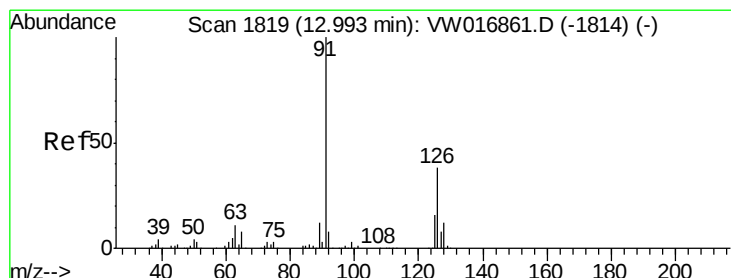
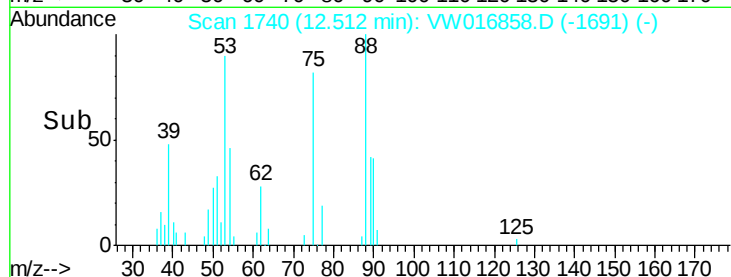
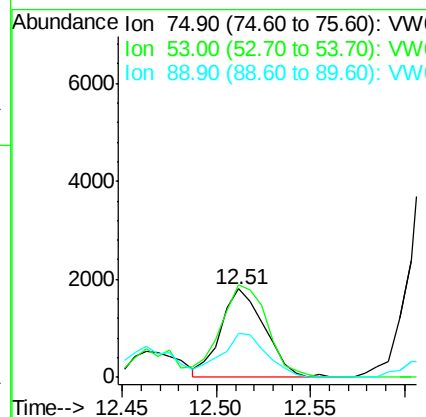
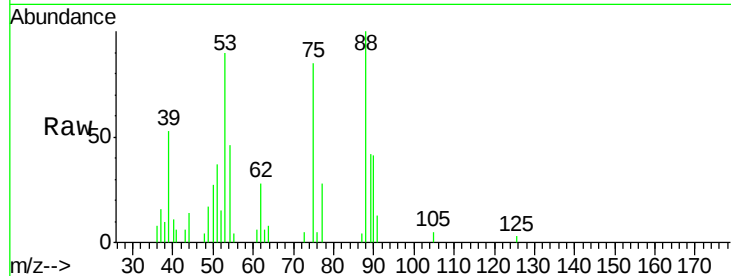
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	2918
Ion Ratio	Lower	Upper	
75	100		
53	113.6	77.0	115.4
89	52.1	38.7	58.1

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#82

4-Chlorotoluene

Concen: 5.026 ug/l

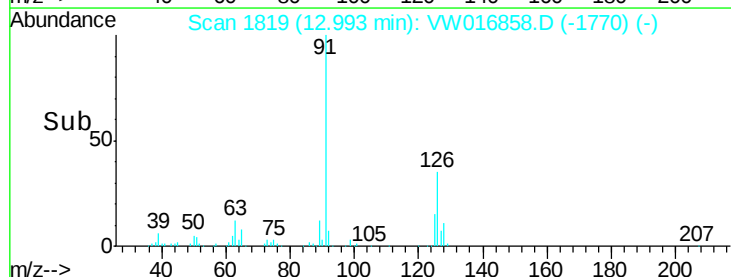
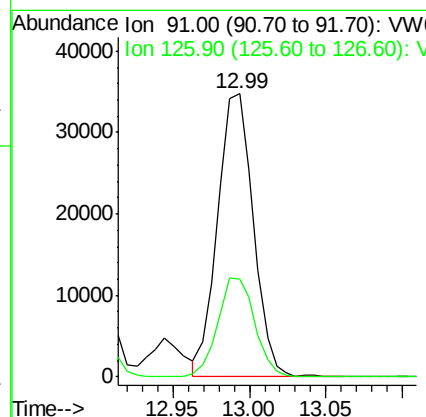
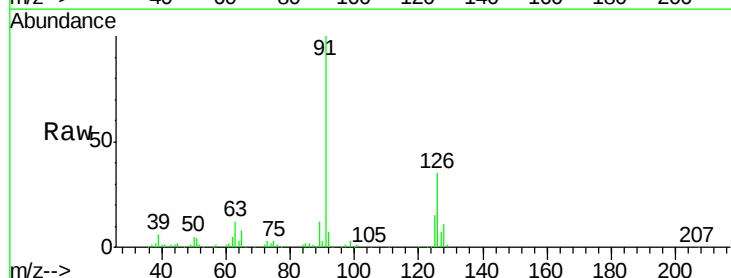
RT: 12.99 min Scan# 1819

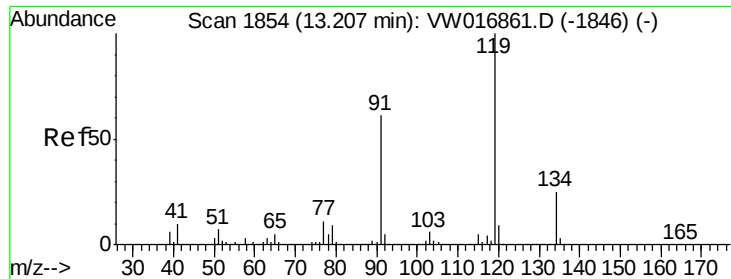
Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Tgt Ion:	91	Resp:	56484
Ion Ratio	Lower	Upper	
91	100		
126	36.1	18.1	54.3





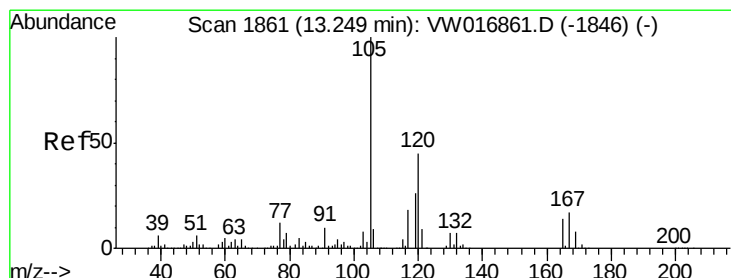
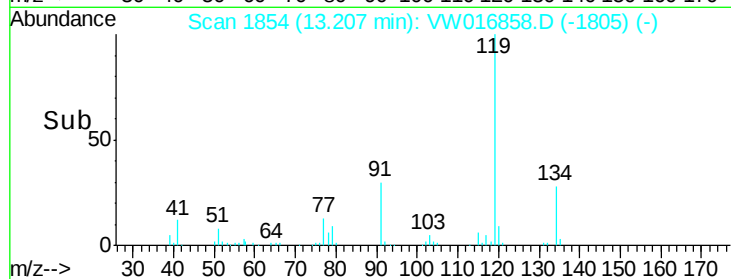
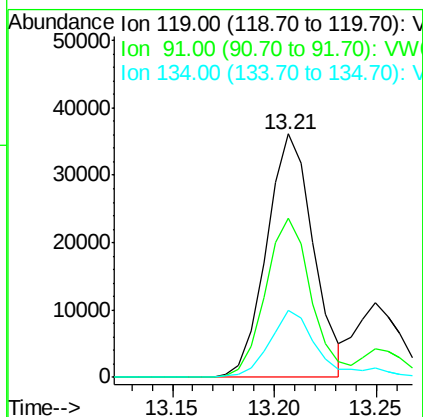
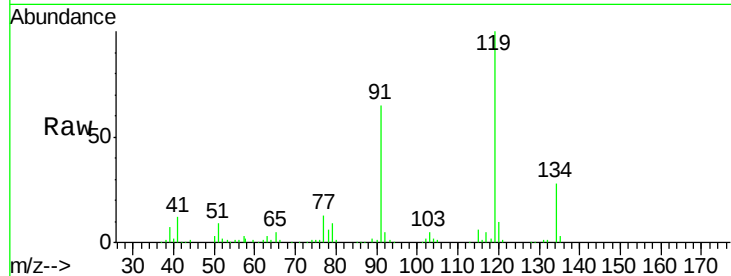
#83
tert-Butylbenzene
Concen: 4.782 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	31.3	93.9
134	29.2	14.0	42.0

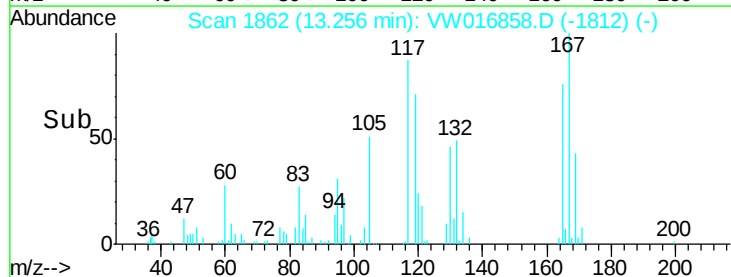
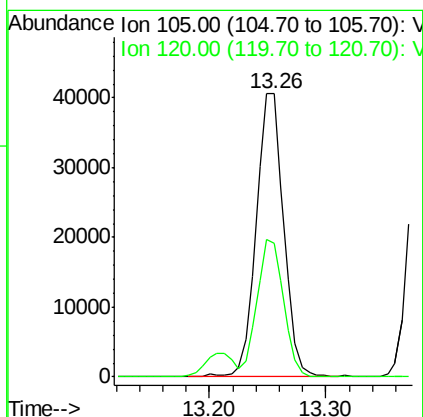
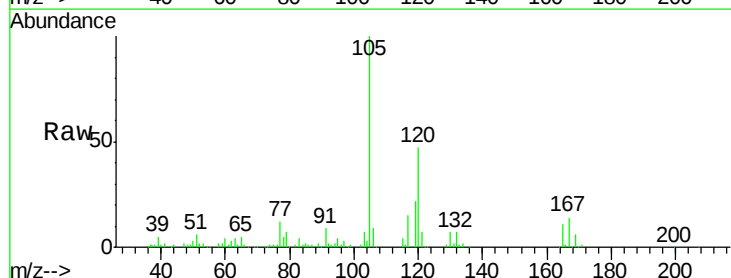
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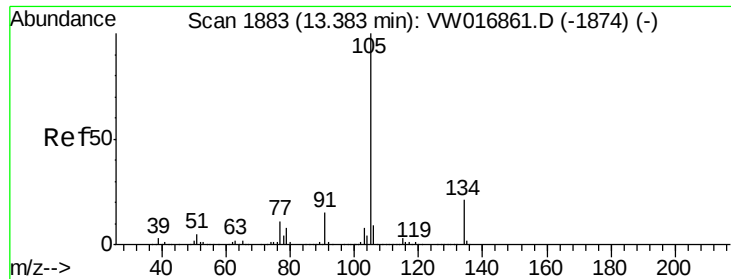
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#84
1,2,4-Trimethylbenzene
Concen: 4.835 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.4	70.0





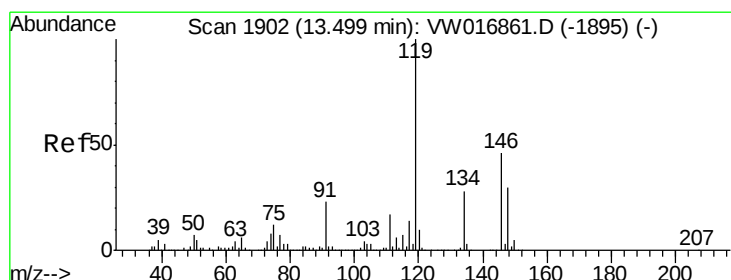
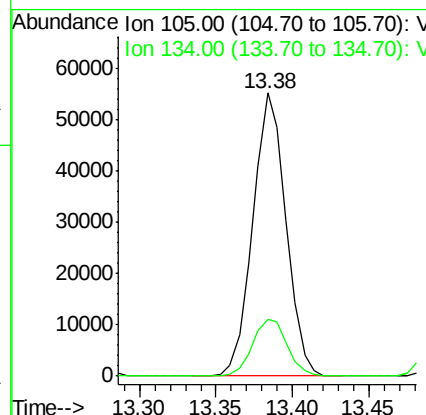
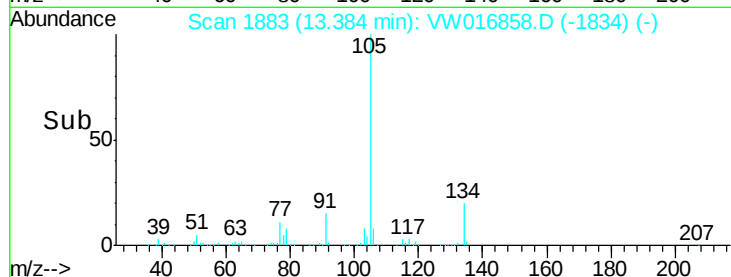
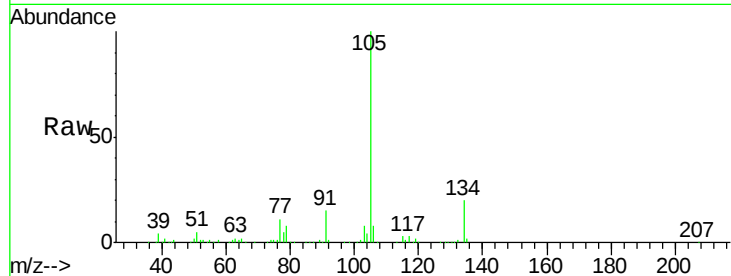
#85
 sec-Butylbenzene
 Concen: 4.938 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.6	31.8

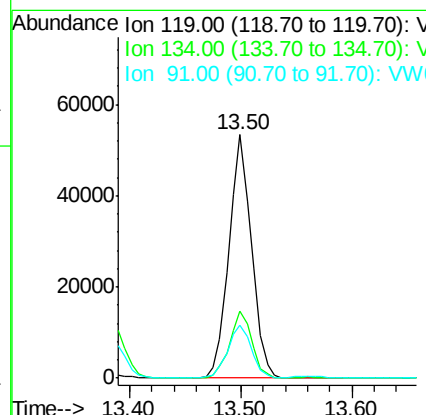
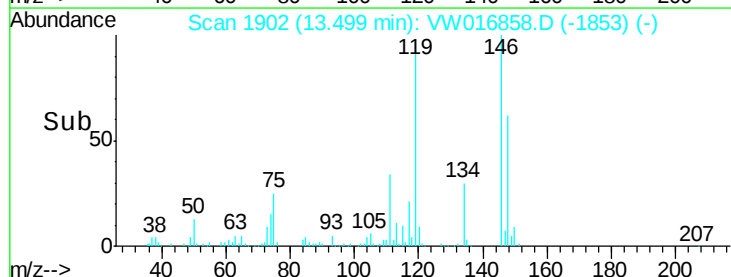
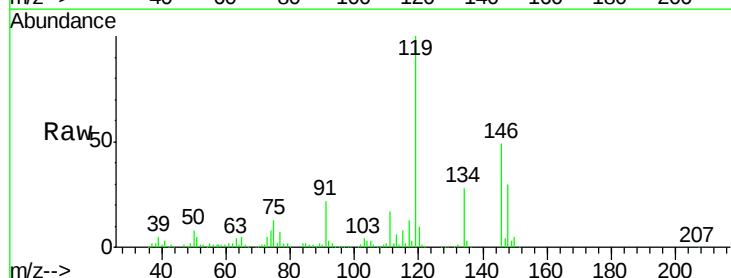
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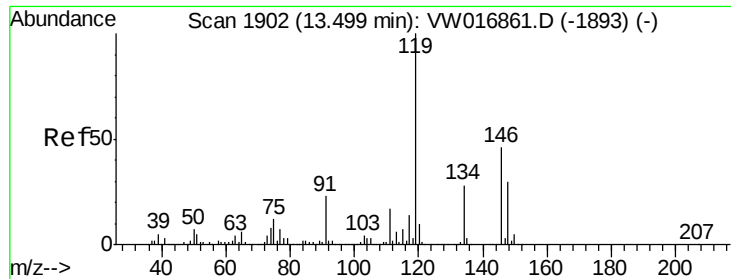
apatel
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#86
 p-Isopropyltoluene
 Concen: 4.808 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.8	41.3
91	22.9	11.3	33.9





#87

1,3-Dichlorobenzene

Concen: 5.261 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

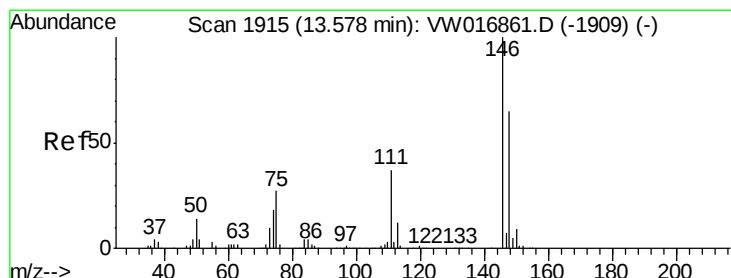
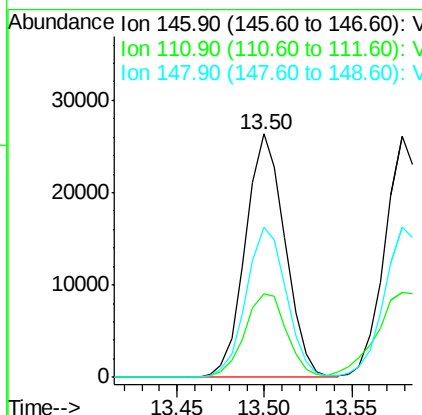
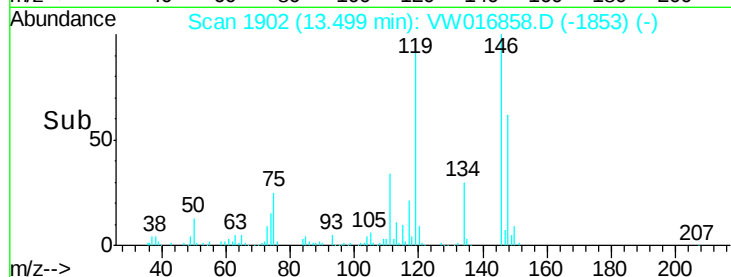
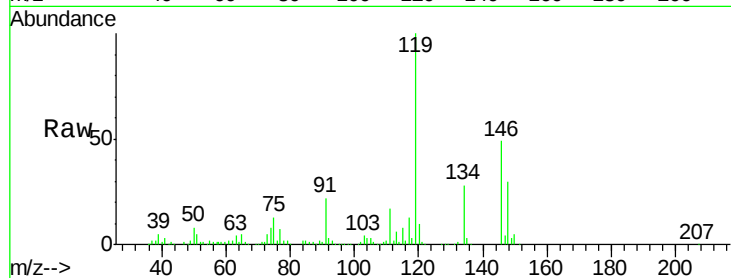
Instrument :
MSVOA_W

ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	19.1	57.5
148	62.8	32.5	97.4

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#88

1,4-Dichlorobenzene

Concen: 5.264 ug/l

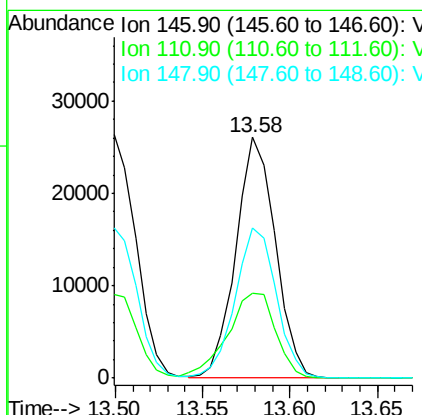
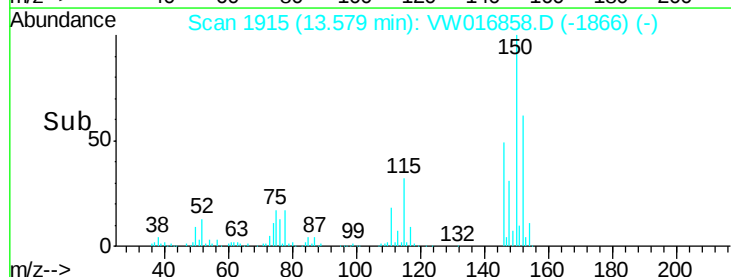
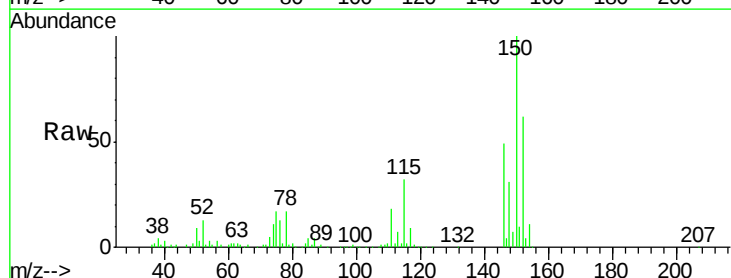
RT: 13.58 min Scan# 1915

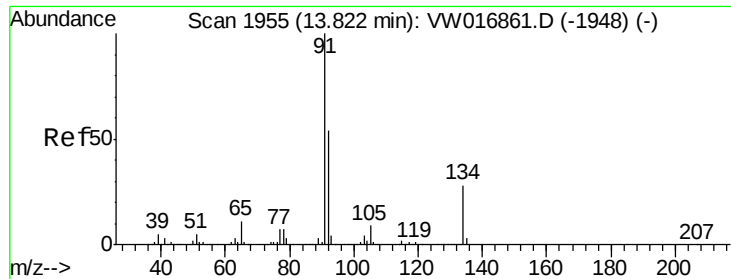
Delta R.T. 0.00 min

Lab File: VW016858.D

Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	18.5	55.5
148	65.2	31.8	95.4





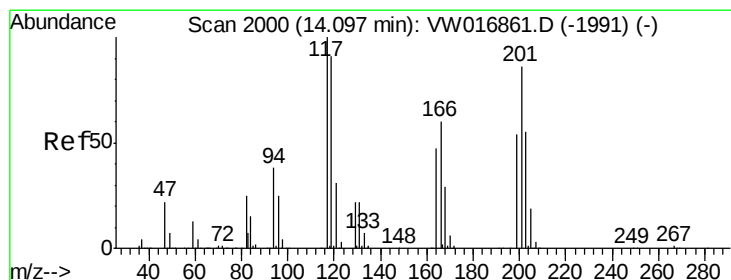
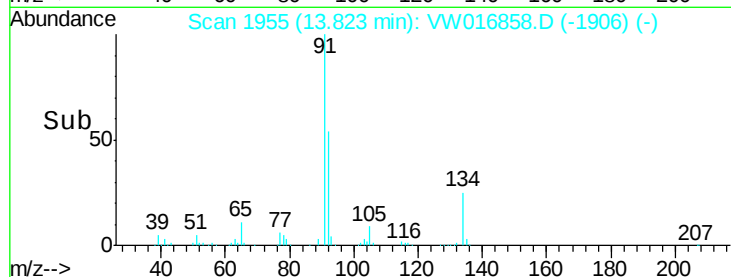
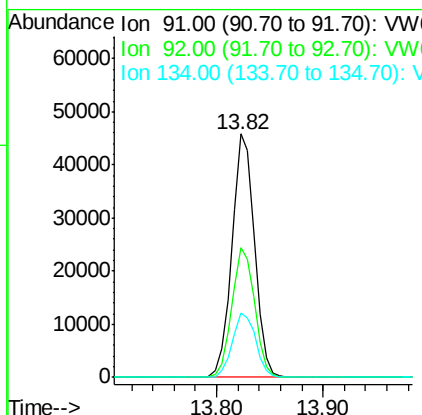
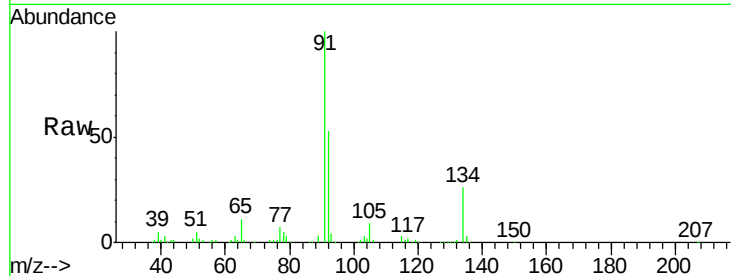
#89
n-Butylbenzene
Concen: 4.861 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.6	79.7
134	27.2	14.3	42.9

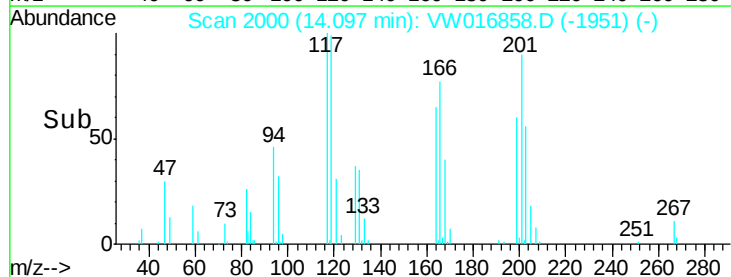
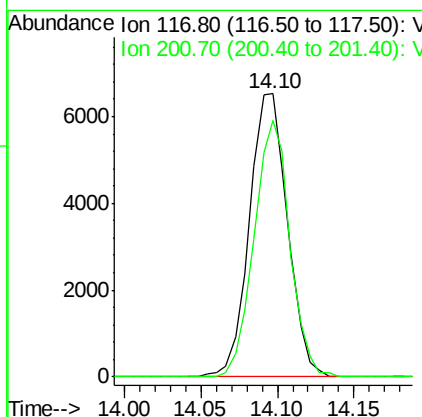
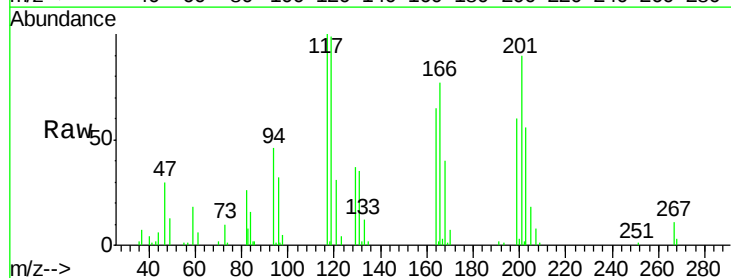
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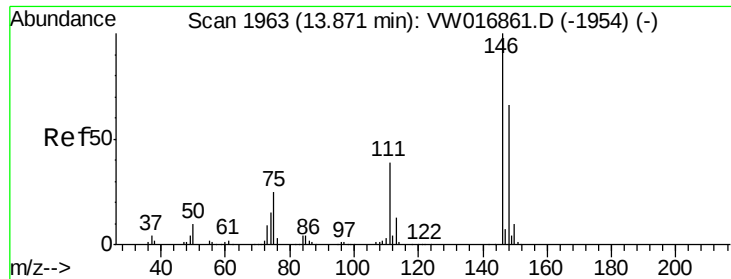
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#90
Hexachloroethane
Concen: 4.689 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.3	41.9	125.7





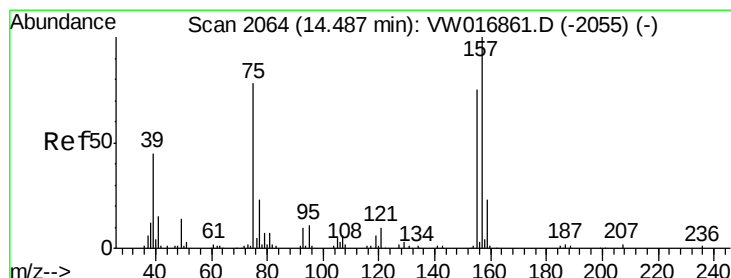
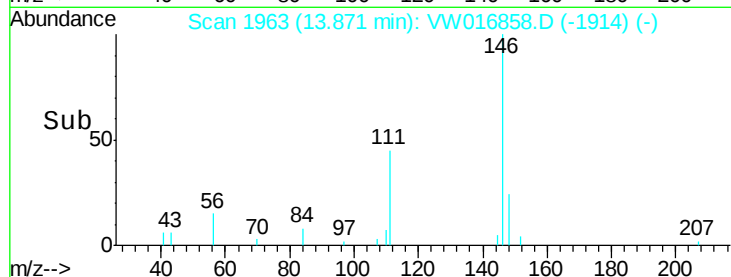
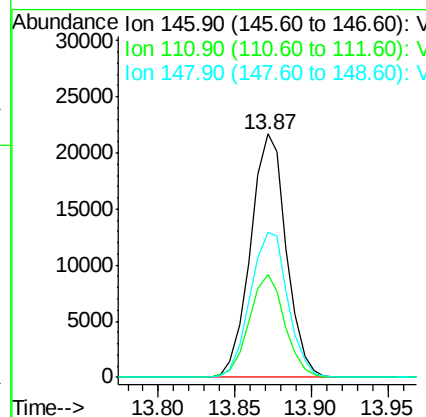
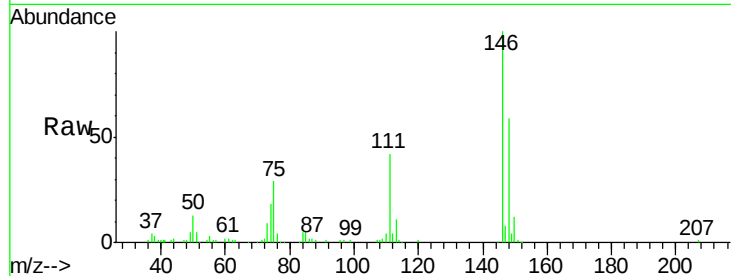
#91
 1,2-Dichlorobenzene
 Concen: 5.154 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.1	60.3
148	62.7	33.1	99.3

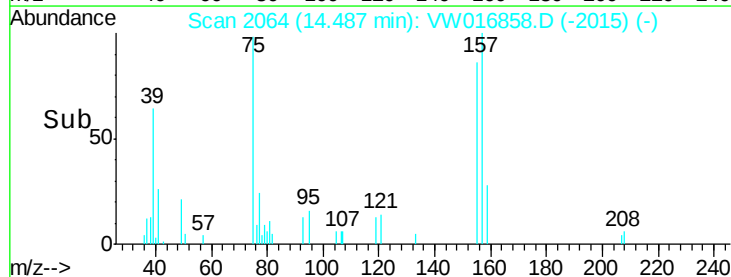
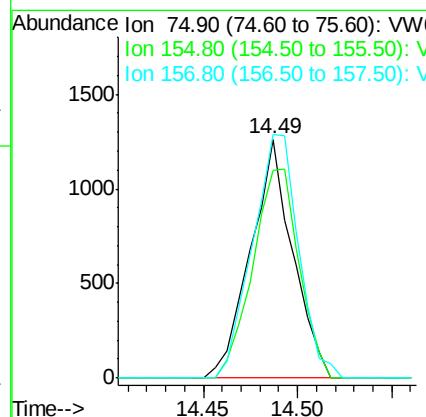
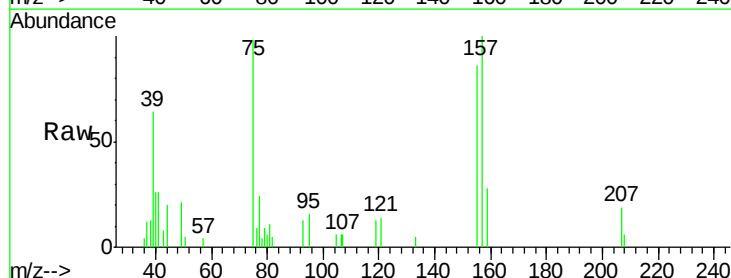
Manual Integrations
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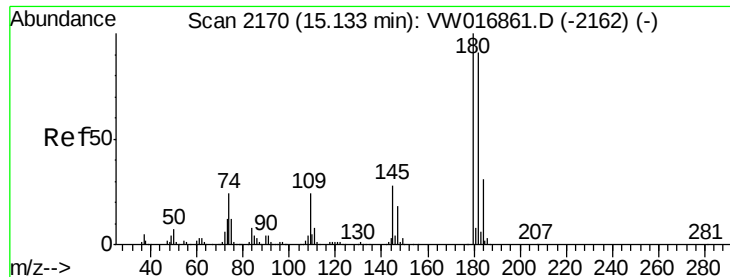
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.927 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	47.6	142.8
157	110.9	62.2	186.6





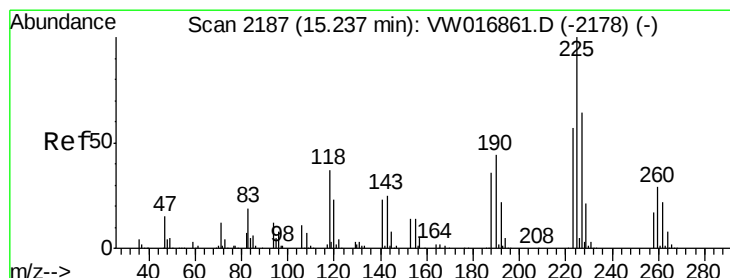
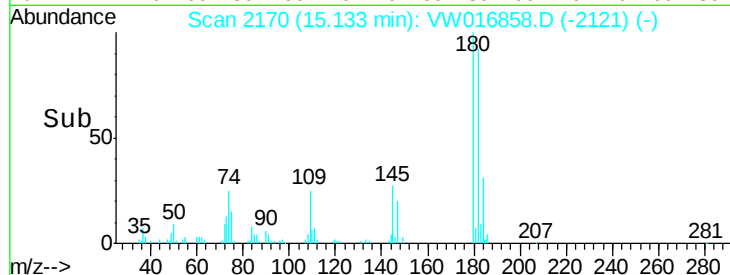
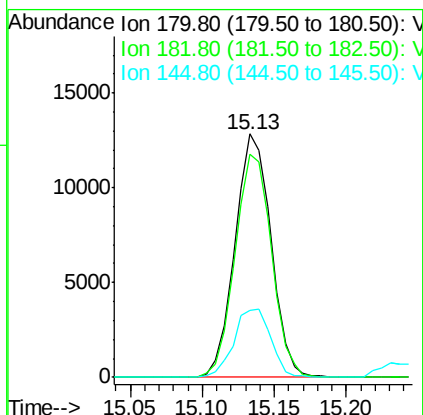
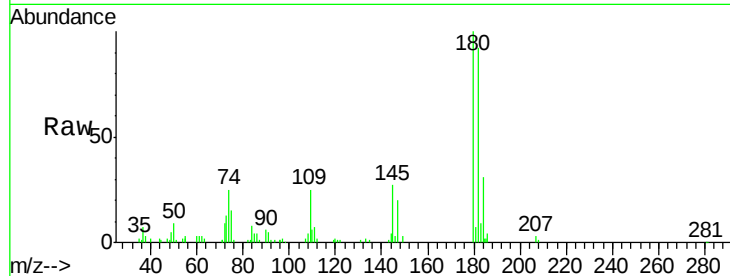
#93
 1,2,4-Trichlorobenzene
 Concen: 4.738 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.3	144.9
145	28.7	14.9	44.5

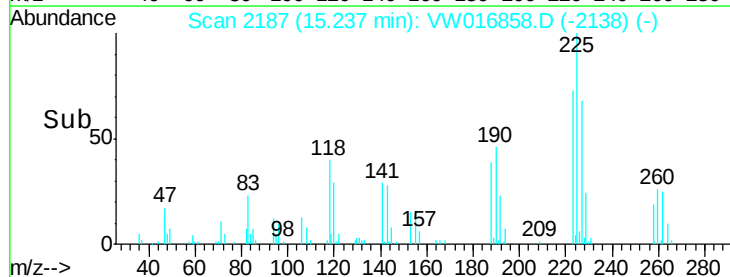
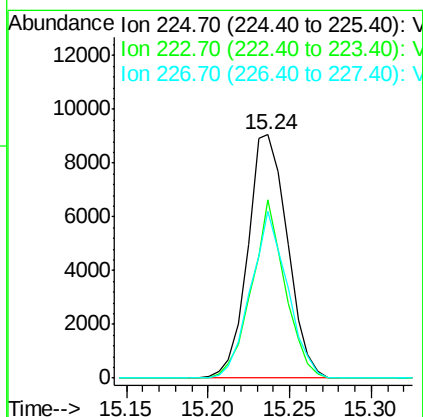
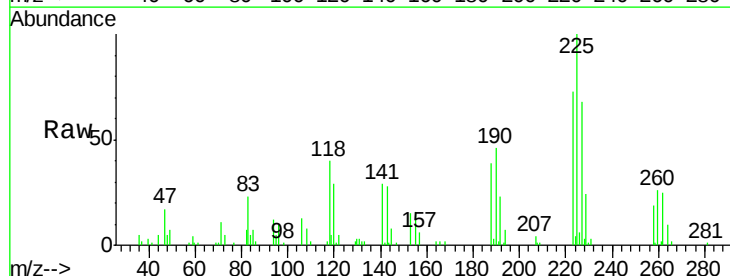
Manual Integrations
 APPROVED

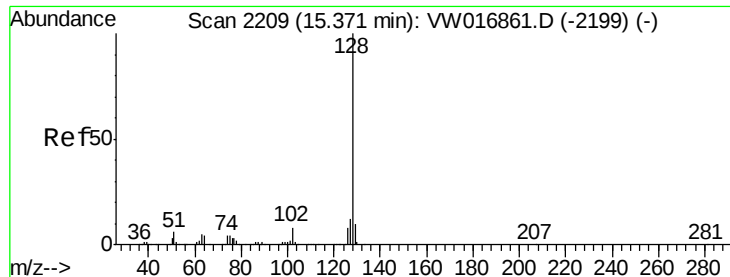
apatel
 10/12/2020 1:58:42 PM



#94
 Hexachlorobutadiene
 Concen: 5.019 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016858.D
 Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.9	95.7
227	63.0	33.0	99.0





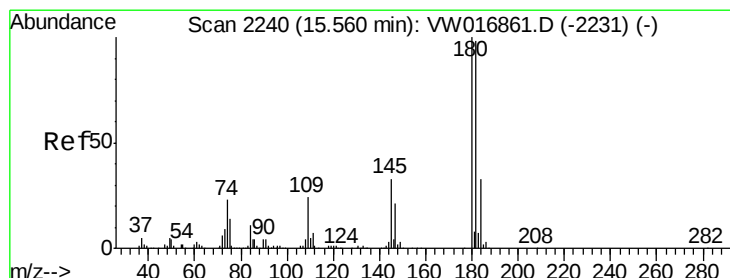
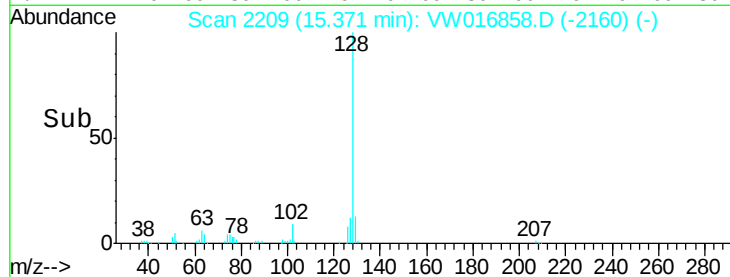
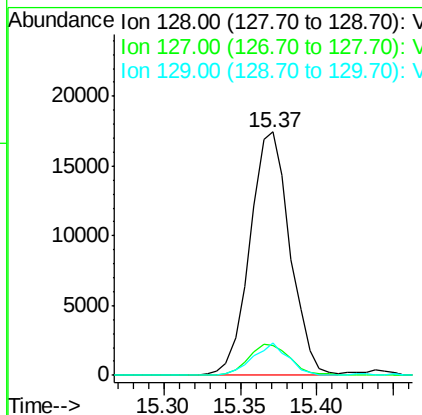
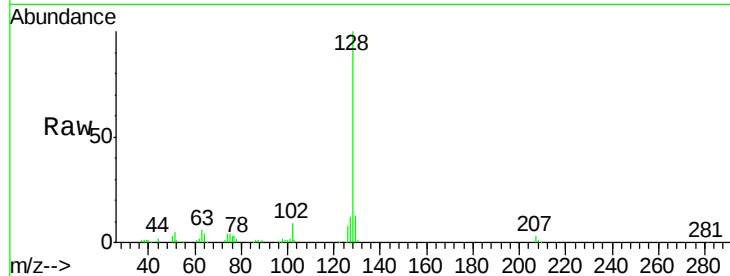
#95
Naphthalene
Concen: 4.146 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.8	8.6	12.8

Manual Integrations
APPROVED

apatel
10/12/2020 1:58:42 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.827 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016858.D
Acq: 09 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	49.4	148.2
145	31.2	16.3	48.9

