

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016279.D
 Acq On : 20 Aug 2020 23:29
 Operator : SY/VA
 Sample : VW0821SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:25:56 AM

Quant Time: Aug 21 04:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	115752	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	7.88	113	113849	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.32	98	448660	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.62	95	166160	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25660	17.446	ug/l	94
3) Chloromethane	2.21	50	28797	18.389	ug/l	100
4) Vinyl Chloride	2.36	62	38952	17.771	ug/l	100
5) Bromomethane	2.77	94	27308	20.038	ug/l	97
6) Chloroethane	2.92	64	23652	19.108	ug/l	99
7) Trichlorofluoromethane	3.26	101	36682	20.672	ug/l	95
8) Diethyl Ether	3.68	74	22704	20.389	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43629	18.750	ug/l	100
10) Methyl Iodide	4.27	142	67068	19.948	ug/l	100
11) Tert butyl alcohol	5.17	59	18617	165.846	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	43545	18.390	ug/l	92
13) Acrolein	3.90	56	15144	93.393	ug/l	97
14) Allyl chloride	4.67	41	58150	18.329	ug/l	97
15) Acrylonitrile	5.37	53	46164	110.024	ug/l	99
16) Acetone	4.12	43	38636	95.620	ug/l	92
17) Carbon Disulfide	4.38	76	127037	18.271	ug/l	100
18) Methyl Acetate	4.67	43	24014	25.522	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	66234	22.716	ug/l	99
20) Methylene Chloride	4.92	84	82998	31.211	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	49859	19.336	ug/l	94
22) Diisopropyl ether	6.31	45	120544	20.154	ug/l	98
23) Vinyl Acetate	6.26	43	339835	99.228	ug/l	98
24) 1,1-Dichloroethane	6.21	63	80628	19.314	ug/l	99
25) 2-Butanone	7.17	43	58632	108.275	ug/l	99
26) 2,2-Dichloropropane	7.16	77	53785	19.946	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	53532	20.113	ug/l	98
28) Bromochloromethane	7.51	49	30232	19.089	ug/l	96
29) Tetrahydrofuran	7.53	42	35644	110.116	ug/l	96
30) Chloroform	7.68	83	86355	19.910	ug/l	98
31) Cyclohexane	7.96	56	70693	18.366	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	72997	20.032	ug/l	98
36) 1,1-Dichloropropene	8.09	75	67231	19.046	ug/l	99
37) Ethyl Acetate	7.25	43	25107	20.745	ug/l	96
38) Carbon Tetrachloride	8.07	117	69710	19.789	ug/l	97

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80114	18.841	ug/l	97
40) Benzene	8.33	78	191359	19.270	ug/l	98
41) Methacrylonitrile	7.48	41	15492	22.428	ug/l	98
42) 1,2-Dichloroethane	8.40	62	54740	20.871	ug/l	99
43) Isopropyl Acetate	8.43	43	46891	20.594	ug/l	97
44) Trichloroethene	9.10	130	52758	18.758	ug/l	96
45) 1,2-Dichloropropane	9.37	63	45128	19.278	ug/l	97
46) Dibromomethane	9.46	93	25878	21.057	ug/l	99
47) Bromodichloromethane	9.65	83	64004	20.157	ug/l	96
48) Methyl methacrylate	9.44	41	23016	21.744	ug/l	96
49) 1,4-Dioxane	9.44	88	8190	529.229	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	127159	110.417	ug/l	100
52) Toluene	10.39	92	127617	20.069	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	61213	20.821	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	72229	19.767	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37319	21.163	ug/l	97
56) Ethyl methacrylate	10.65	69	43928	21.844	ug/l	99
57) 1,3-Dichloropropane	10.93	76	62331	20.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	96688	105.455	ug/l	96
59) 2-Hexanone	10.97	43	85929	109.070	ug/l	97
60) Dibromochloromethane	11.13	129	44712	21.314	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35780	21.078	ug/l	97
64) Tetrachloroethene	10.87	164	44898	20.892	ug/l	94
65) Chlorobenzene	11.66	112	136696	20.363	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	48980	20.874	ug/l	99
67) Ethyl Benzene	11.73	91	239616	19.861	ug/l	99
68) m/p-Xylenes	11.84	106	186734	40.267	ug/l	100
69) o-Xylene	12.17	106	85775	20.762	ug/l	99
70) Styrene	12.18	104	149486	20.910	ug/l	100
71) Bromoform	12.35	173	24011	22.864	ug/l #	99
73) Isopropylbenzene	12.47	105	236235	19.438	ug/l	99
74) N-amyl acetate	12.27	43	43697	20.077	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	42745	21.020	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30218m	20.602	ug/l	
77) Bromobenzene	12.75	156	54514	20.280	ug/l	96
78) n-propylbenzene	12.80	91	278170	19.176	ug/l	99
79) 2-Chlorotoluene	12.90	91	164175	19.592	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	204707	19.622	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	12113	19.809	ug/l	98
82) 4-Chlorotoluene	12.99	91	170556	19.551	ug/l	100
83) tert-Butylbenzene	13.21	119	172619	20.189	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	206776	20.030	ug/l	99
85) sec-Butylbenzene	13.38	105	240605	19.362	ug/l	99
86) p-Isopropyltoluene	13.50	119	223846	19.916	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	108568	20.167	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	104947	19.798	ug/l	98
89) n-Butylbenzene	13.82	91	198652	19.105	ug/l	99
90) Hexachloroethane	14.10	117	40868	19.484	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	96292	20.517	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6872	21.983	ug/l	94

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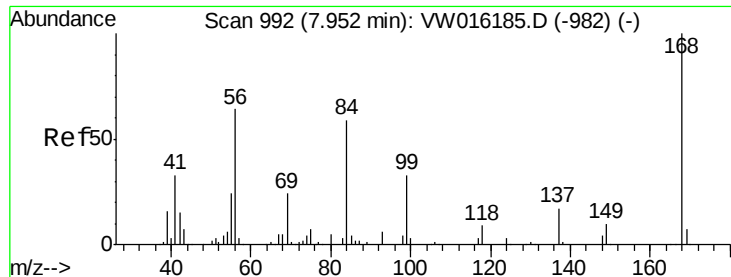
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59078	21.108	ug/l	97
94) Hexachlorobutadiene	15.24	225	33023	19.846	ug/l	100
95) Naphthalene	15.37	128	112654	21.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	52394	21.798	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: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

Tot Ion:168 Resp: 216285

Ion Ratio Lower Upper

168 100

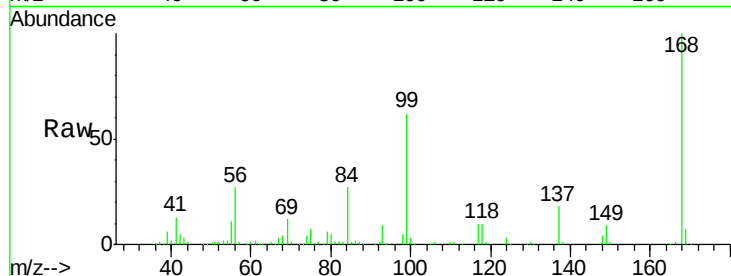
99 61.7 48.3 72.5

Manual Integrations

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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

100000

80000

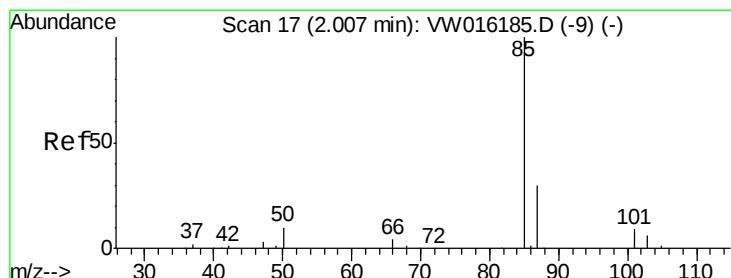
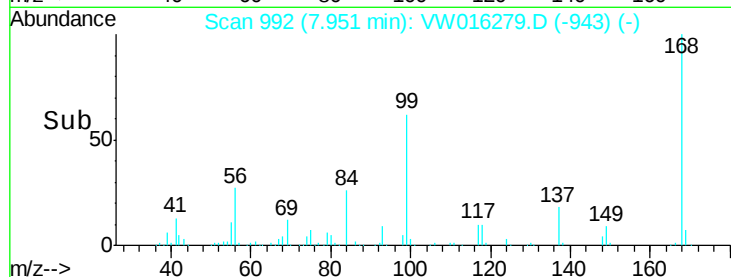
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.446 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW016279.D

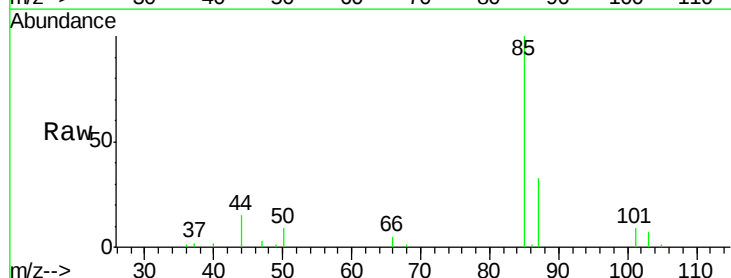
Acq: 20 Aug 2020 23:29

Tgt Ion: 85 Resp: 25660

Ion Ratio Lower Upper

85 100

87 32.9 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

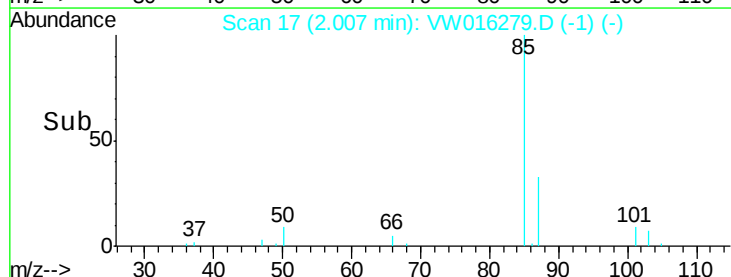
6000

4000

2000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 18.389 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

Tot Ion: 50 Resp: 28797

Ion Ratio Lower Upper

50 100

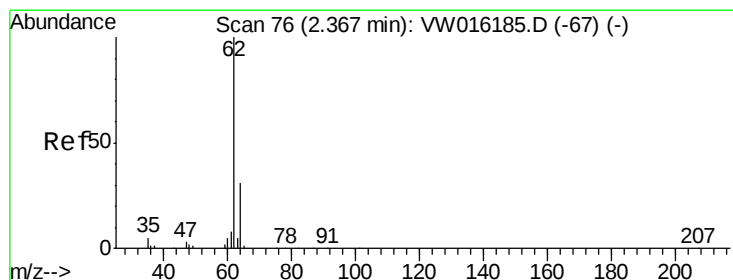
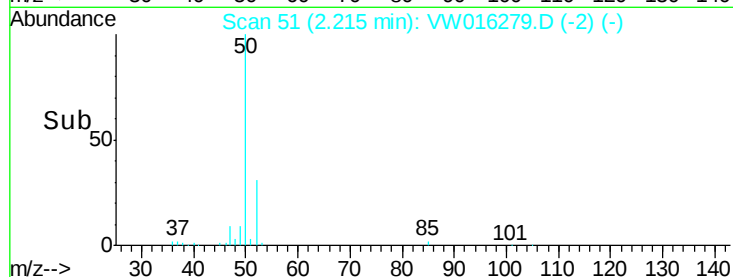
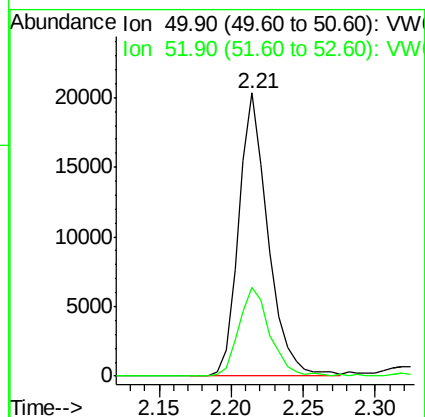
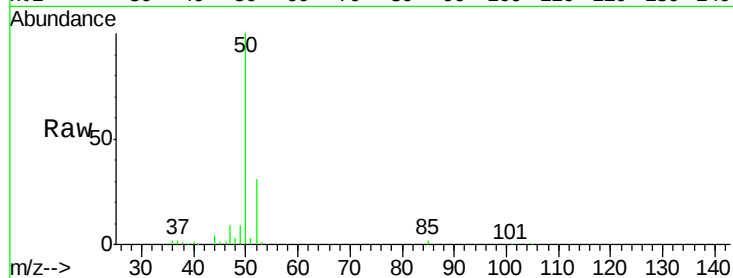
52 31.4 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.771 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016279.D

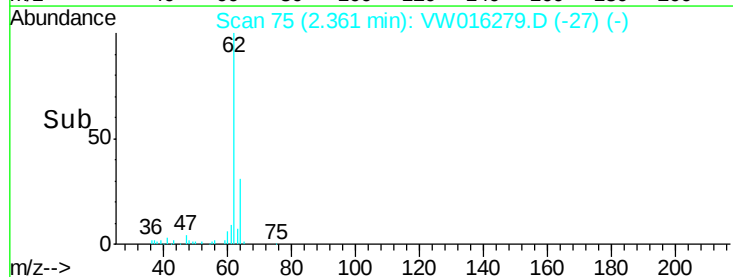
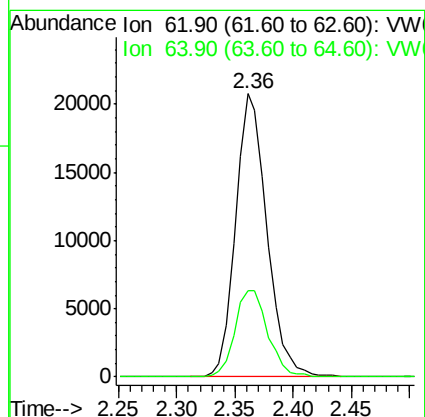
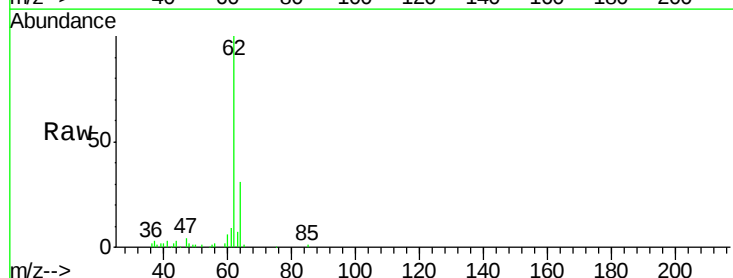
Acq: 20 Aug 2020 23:29

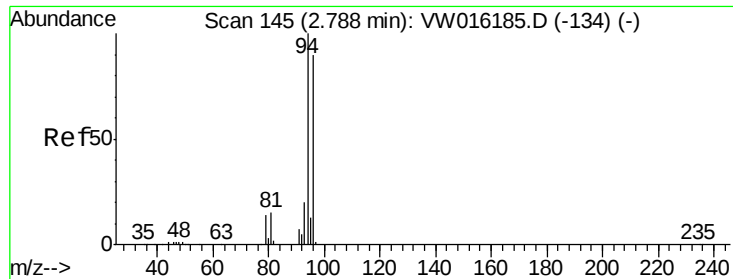
Tgt Ion: 62 Resp: 38952

Ion Ratio Lower Upper

62 100

64 30.7 24.5 36.7





#5

Bromomethane

Concen: 20.038 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.02 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

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Tot Ion: 94 Resp: 27308

Ion Ratio Lower Upper

94 100

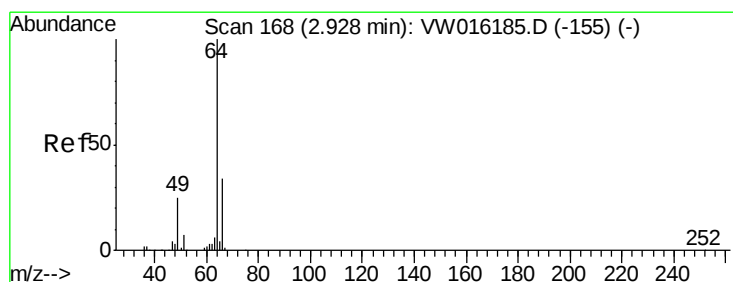
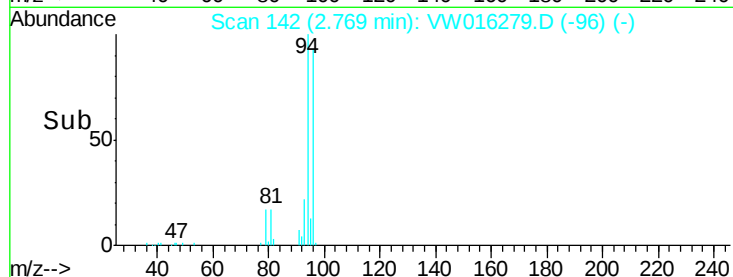
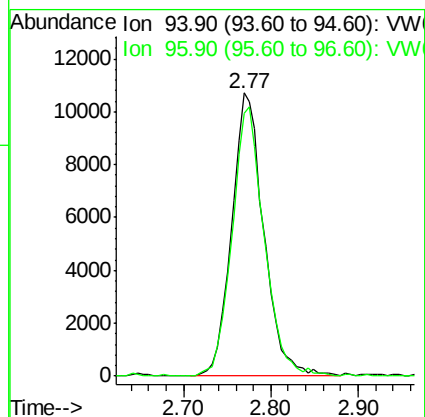
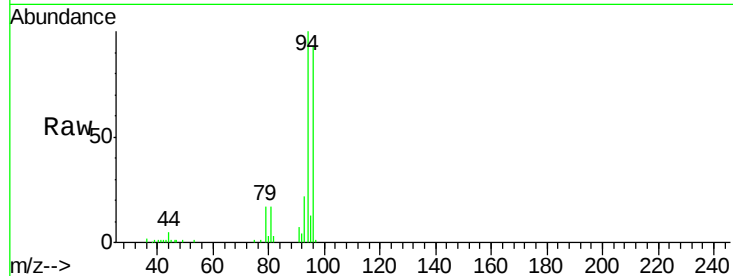
96 92.7 71.8 107.6

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#6

Chloroethane

Concen: 19.108 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016279.D

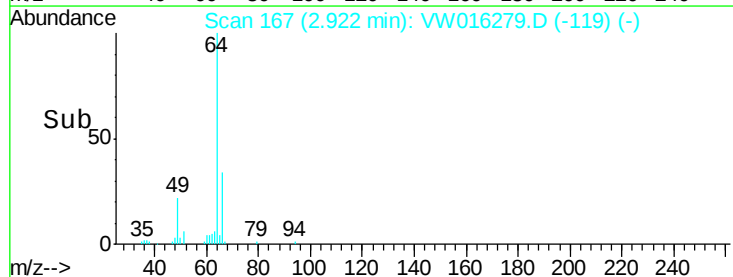
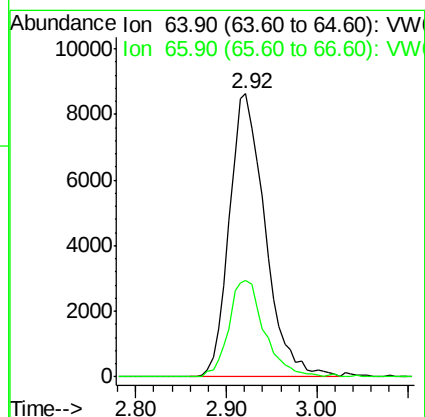
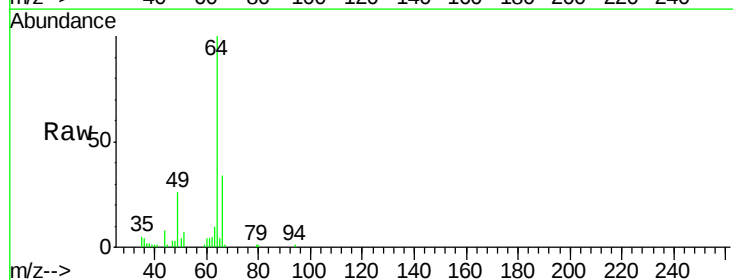
Acq: 20 Aug 2020 23:29

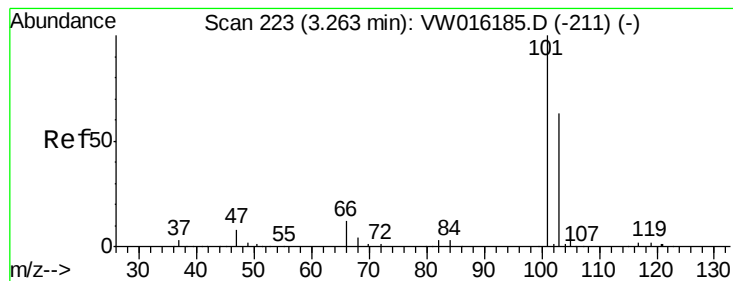
Tgt Ion: 64 Resp: 23652

Ion Ratio Lower Upper

64 100

66 34.0 26.9 40.3





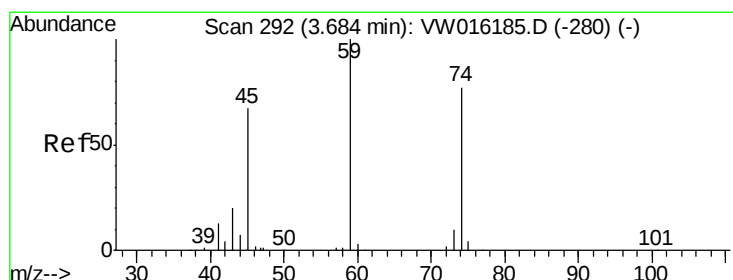
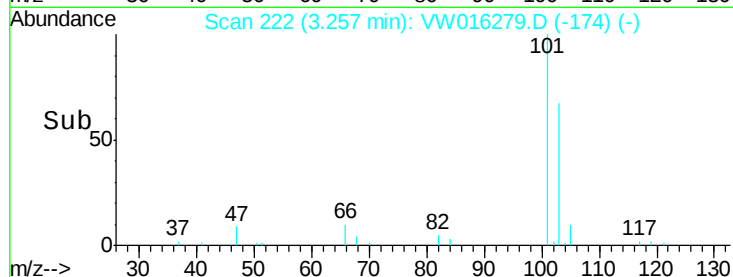
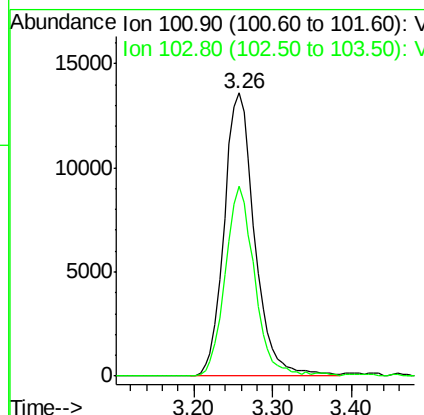
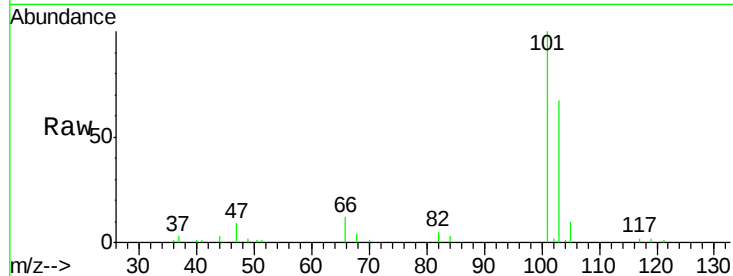
#7
 Trichlorofluoromethane
 Concen: 20.672 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

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Tot Ion:101 Resp: 36682
 Ion Ratio Lower Upper
 101 100
 103 67.2 50.4 75.6

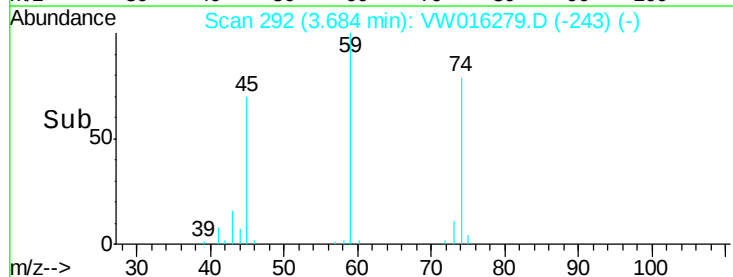
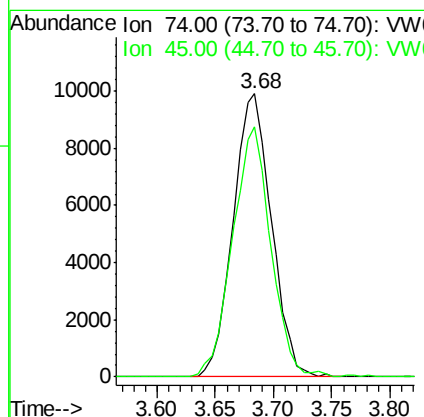
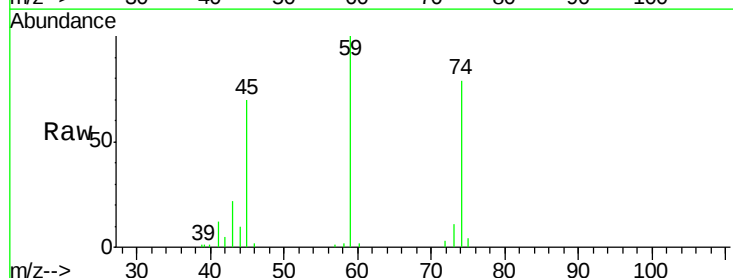
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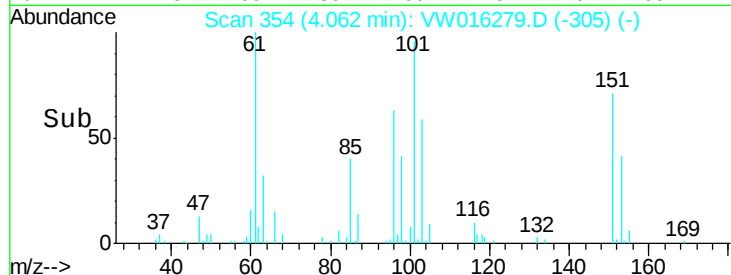
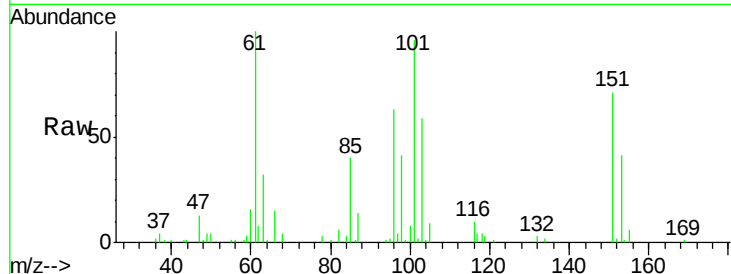
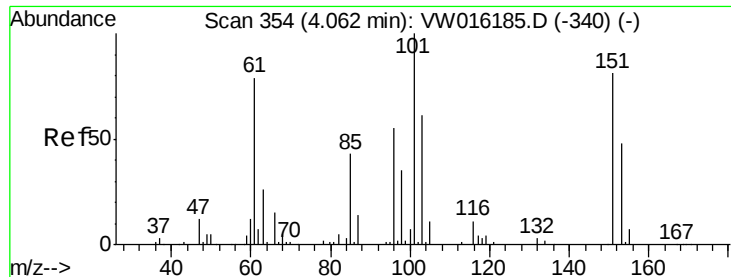
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#8
 Diethyl Ether
 Concen: 20.389 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW016279.D
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Tgt Ion: 74 Resp: 22704
 Ion Ratio Lower Upper
 74 100
 45 88.0 45.9 137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.750 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW016279.D

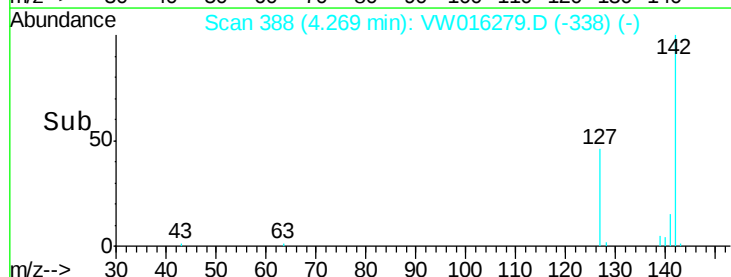
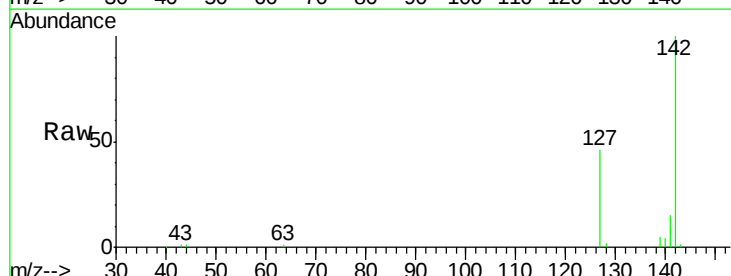
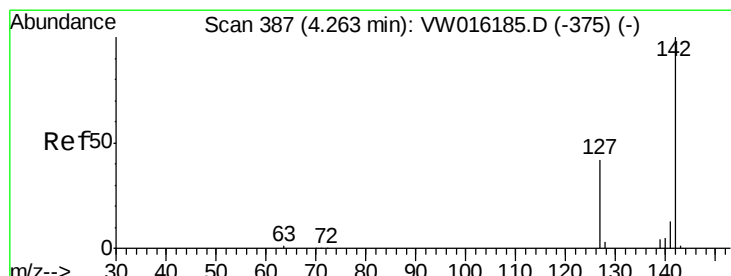
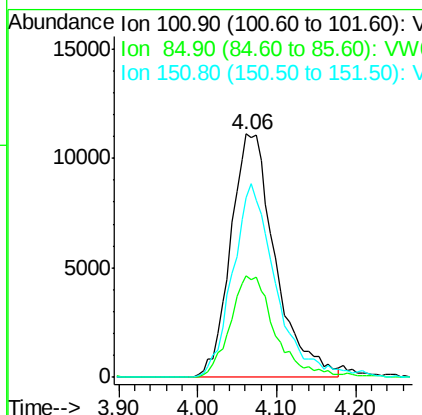
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ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	43629		
85	41.4	33.3	49.9	
151	76.7	61.1	91.7	

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#10

Methyl Iodide

Concen: 19.948 ug/l

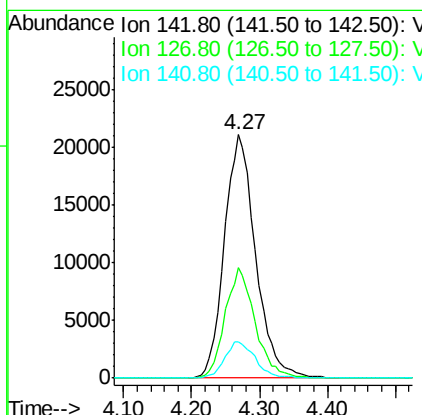
RT: 4.27 min Scan# 388

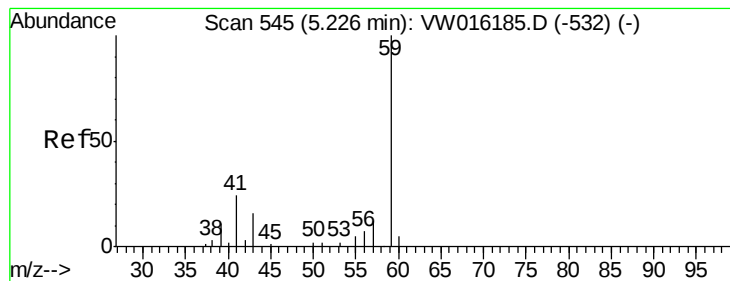
Delta R.T. 0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	67068		
127	43.4	34.6	52.0	
141	14.6	11.4	17.2	





#11

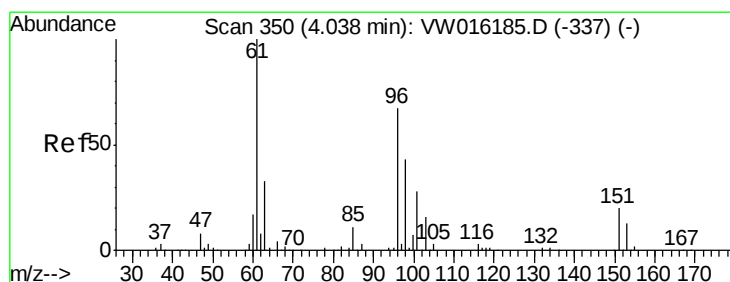
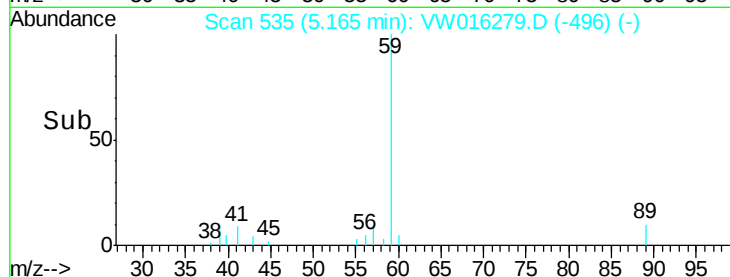
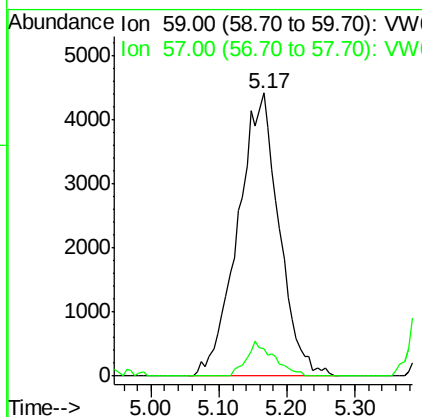
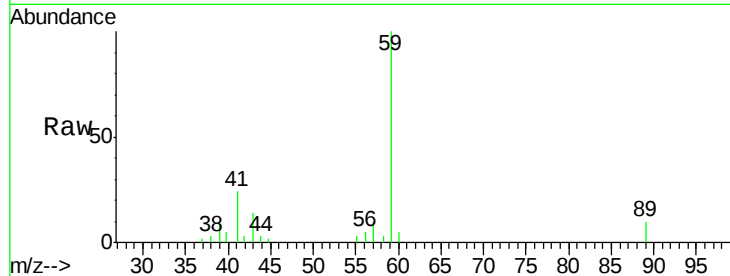
Tert butyl alcohol
 Concen: 165.846 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.06 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	18617		
57	8.3	9.0	13.6#	

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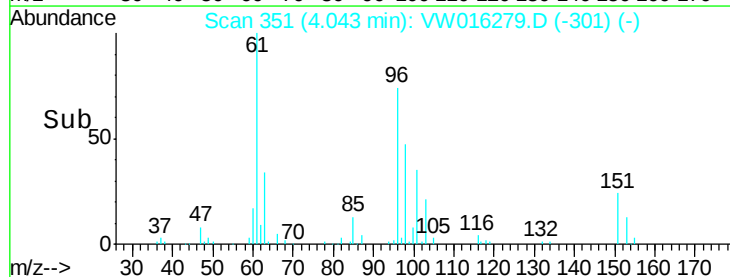
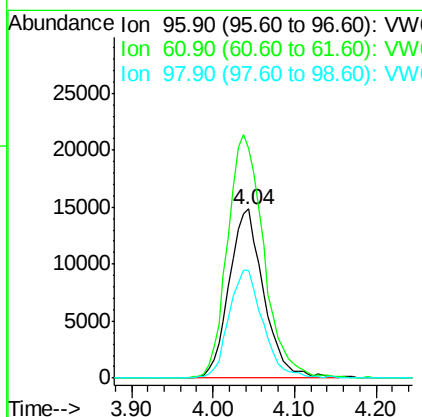
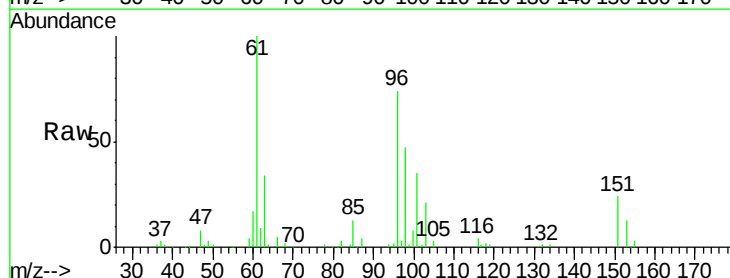
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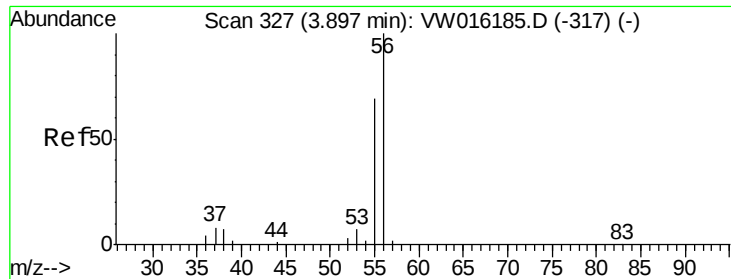


#12

1,1-Dichloroethene
 Concen: 18.390 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	43545		
61	135.8	119.5	179.3	
98	63.7	51.3	76.9	





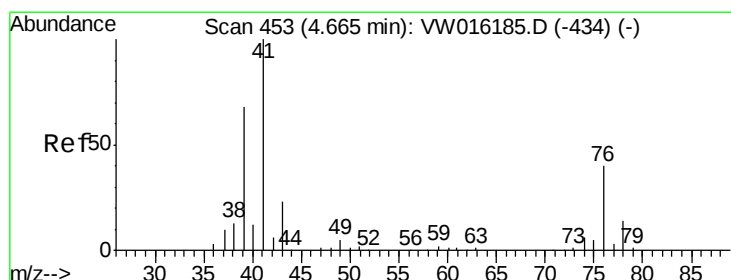
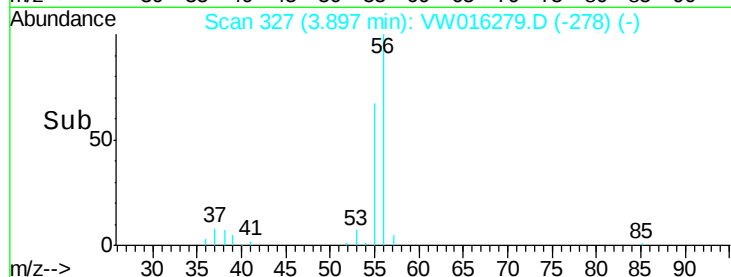
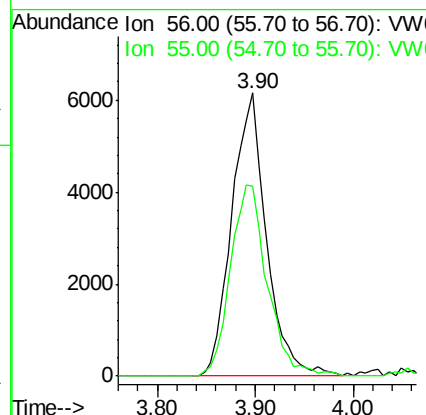
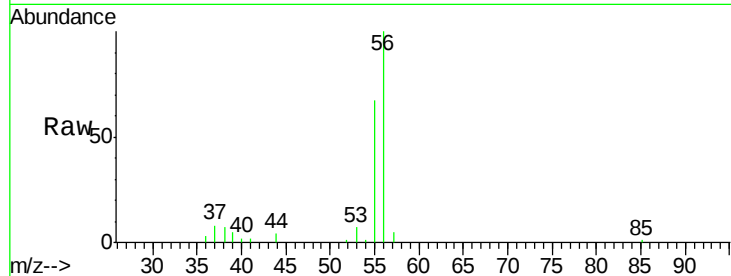
#13
Acrolein
Concen: 93.393 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampled :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.6	55.0	82.6

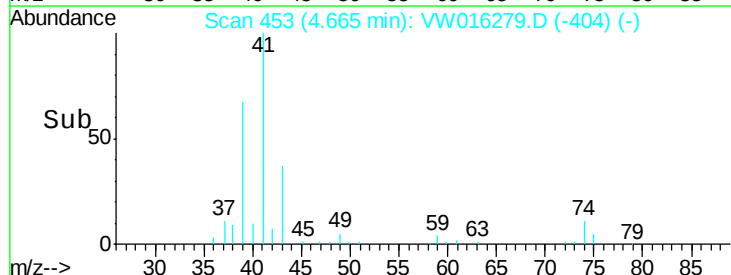
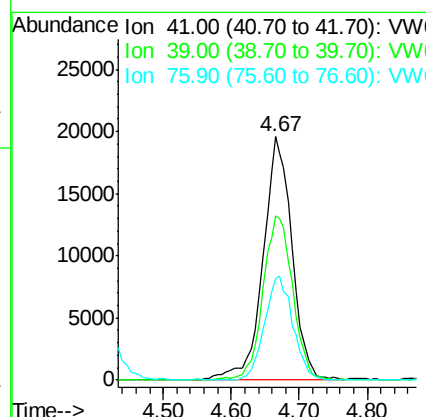
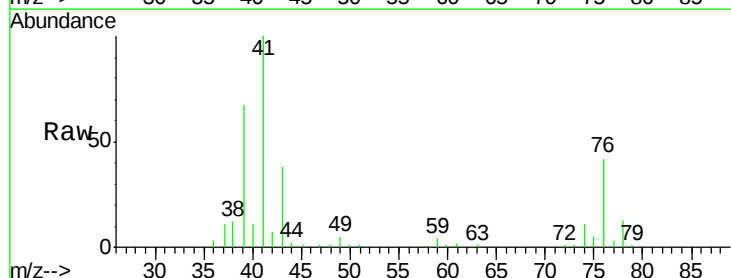
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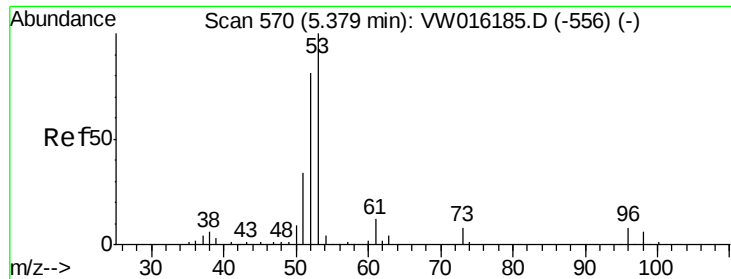
MMDadoda
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#14
Allyl chloride
Concen: 18.329 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.0	53.4	80.0
76	41.7	32.0	48.0





#15

Acrylonitrile

Concen: 110.024 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

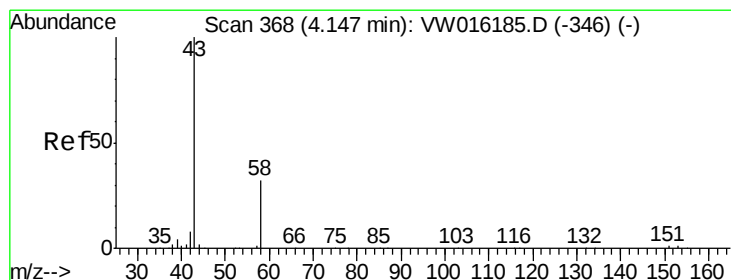
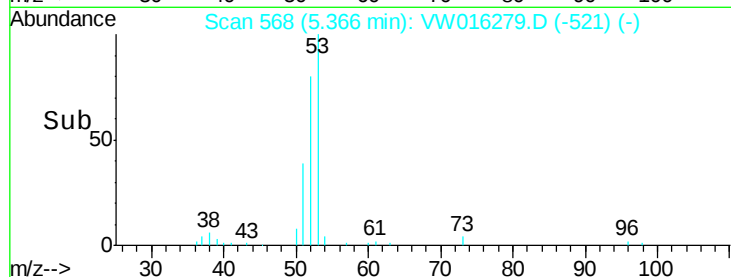
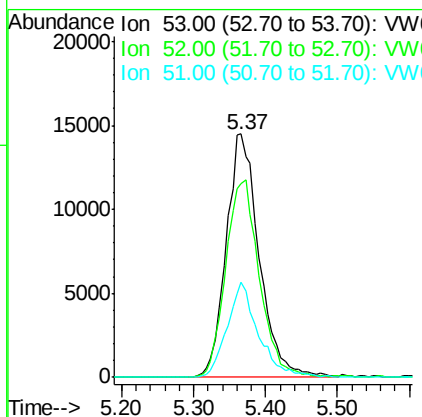
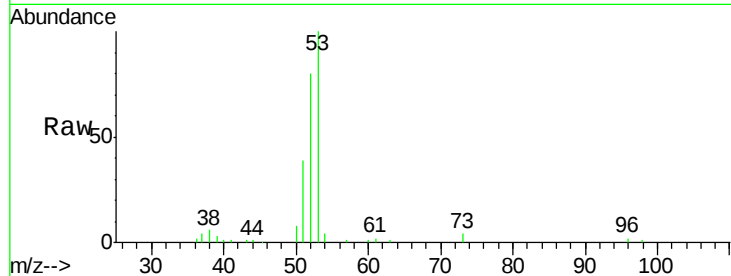
ClientSampleId :

VW0821SBSD01

Tot Ion:	53	Resp:	46164
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.3	97.9
51	36.8	29.0	43.4

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#16

Acetone

Concen: 95.620 ug/l

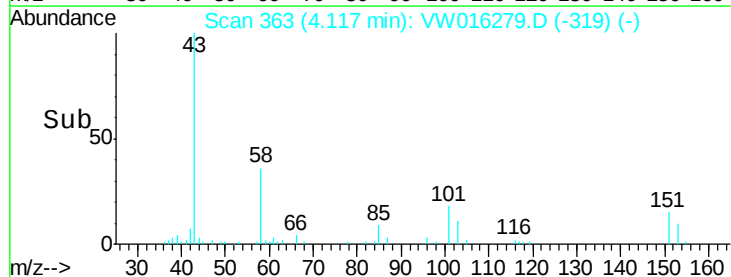
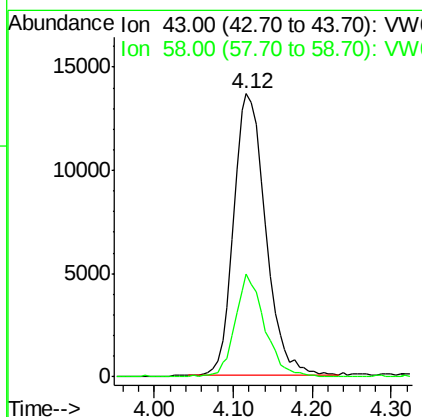
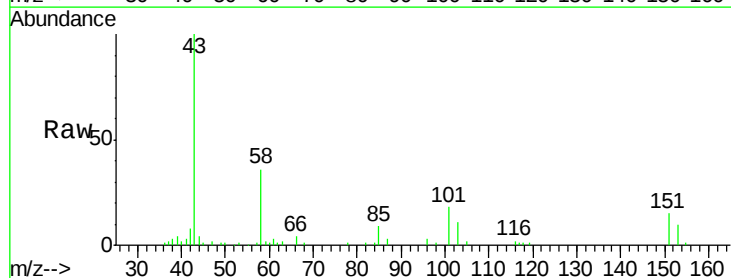
RT: 4.12 min Scan# 363

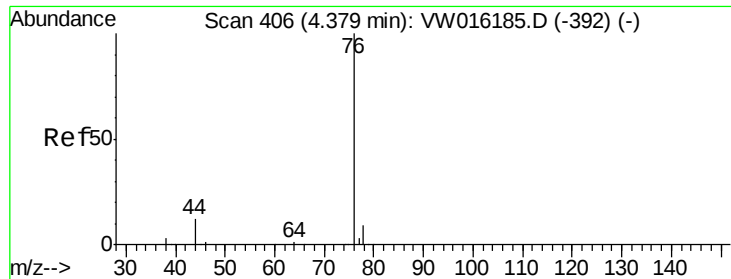
Delta R.T. -0.03 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion:	43	Resp:	38636
Ion	Ratio	Lower	Upper
43	100		
58	36.4	25.8	38.6





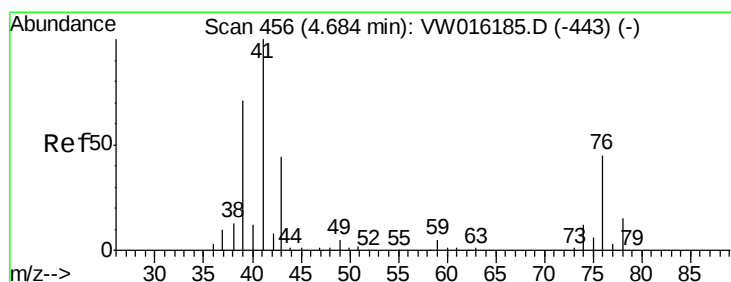
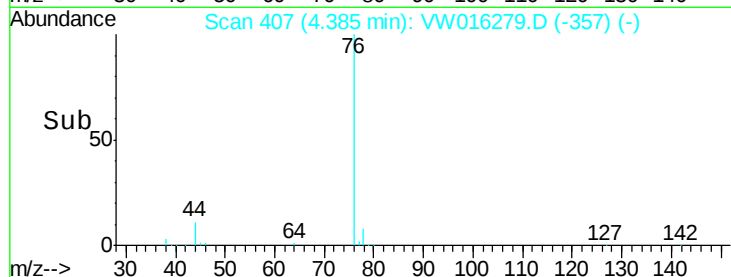
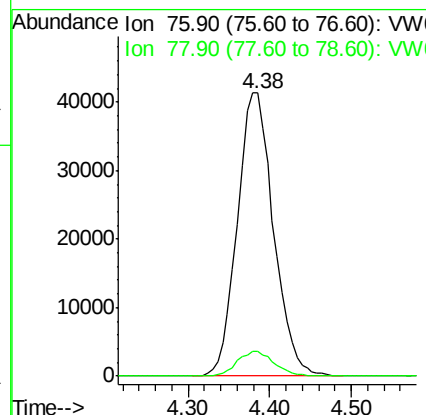
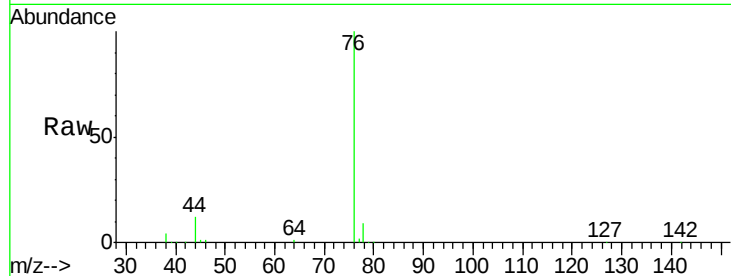
#17
Carbon Disulfide
Concen: 18.271 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

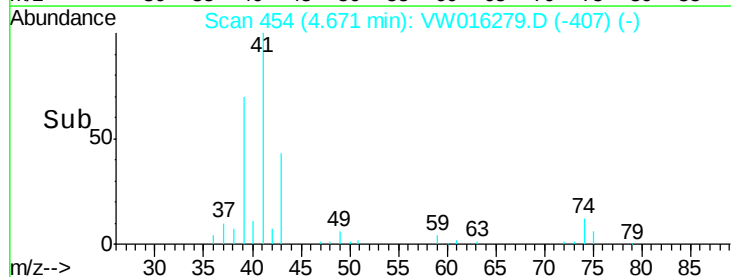
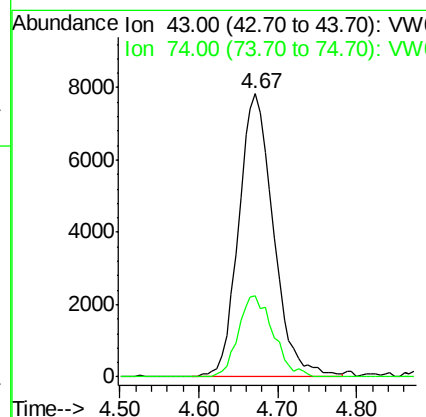
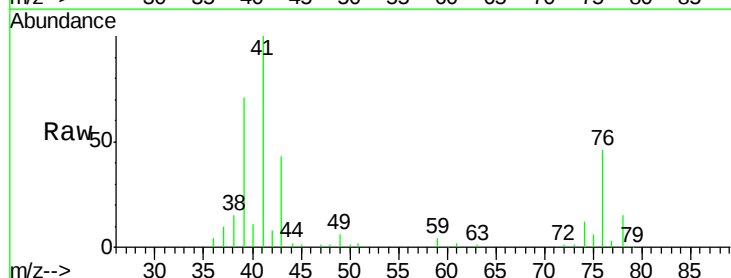
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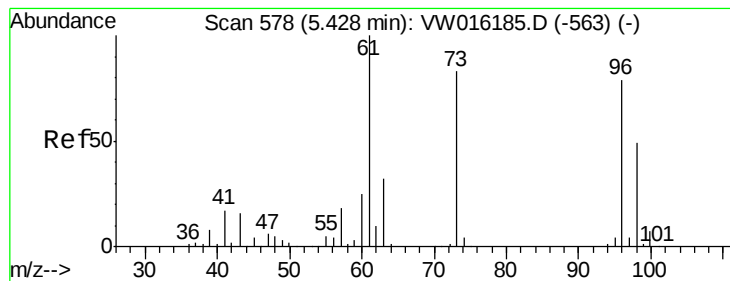
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#18
Methyl Acetate
Concen: 25.522 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.8	20.6	31.0





#19

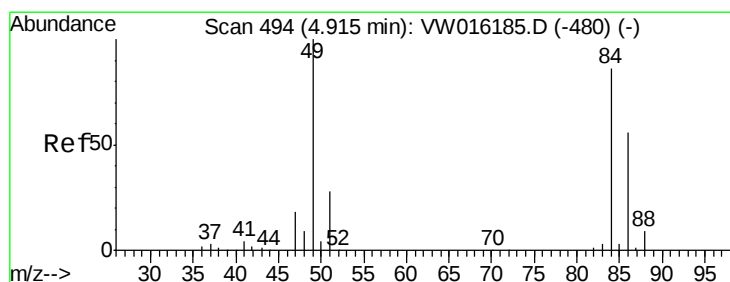
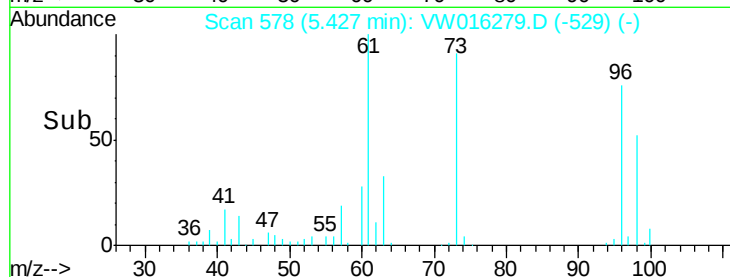
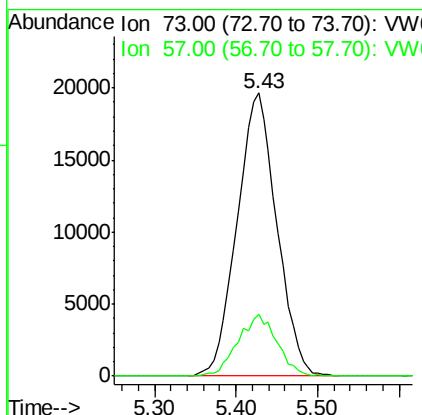
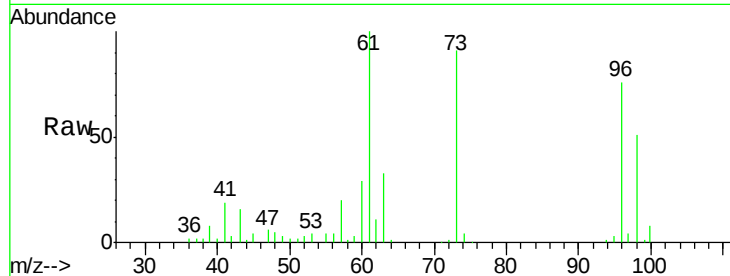
Methyl tert-butyl Ether
 Concen: 22.716 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.2	25.8

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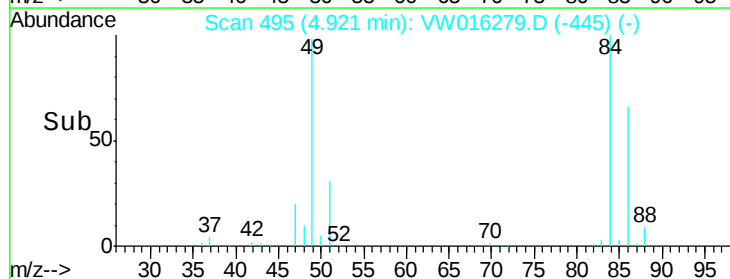
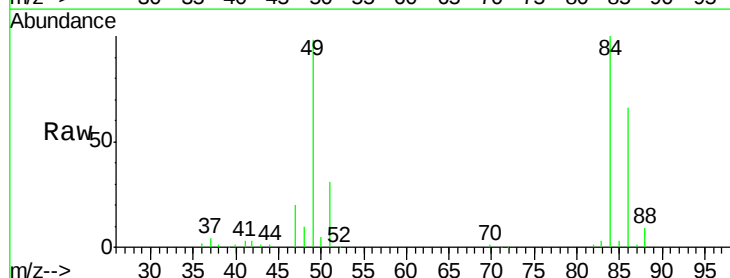
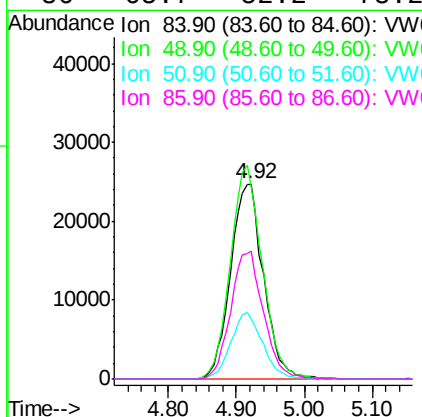
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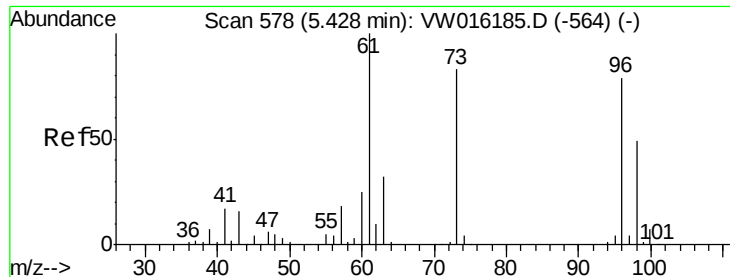


#20

Methylene Chloride
 Concen: 31.211 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	98.3	93.4	140.2
51	30.6	26.6	40.0
86	65.7	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 19.336 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

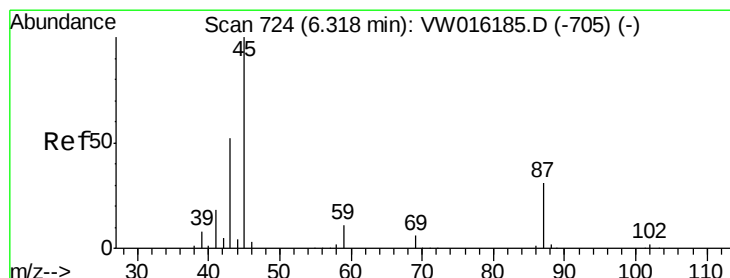
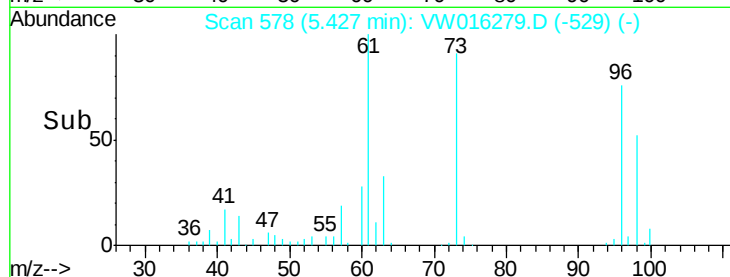
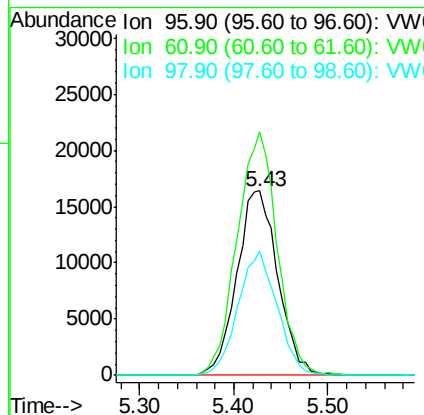
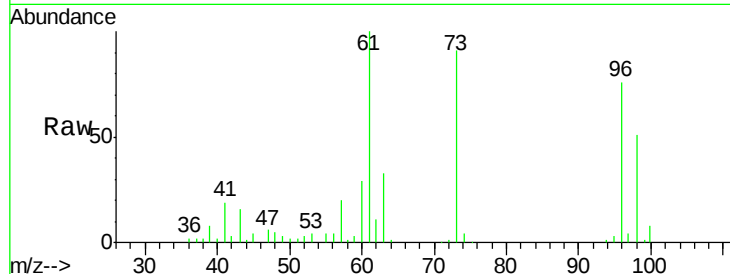
ClientSampleId :

VW0821SBS01

Tot Ion:	96	Resp:	49859
Ion	Ratio	Lower	Upper
96	100		
61	132.2	101.4	152.0
98	67.9	49.4	74.0

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#22

Diisopropyl ether

Concen: 20.154 ug/l

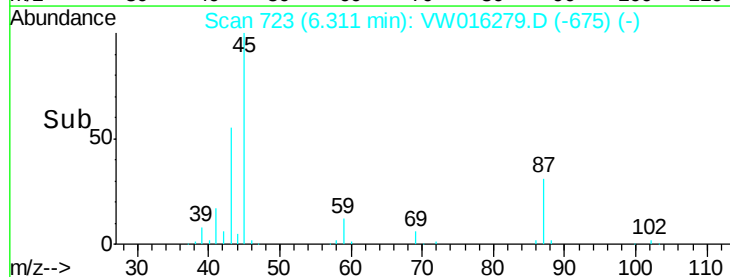
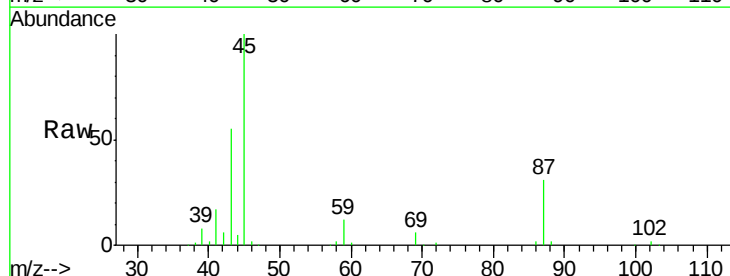
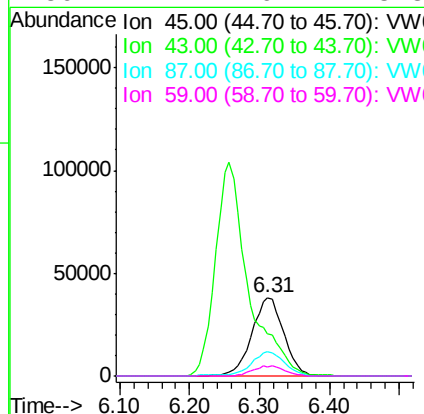
RT: 6.31 min Scan# 723

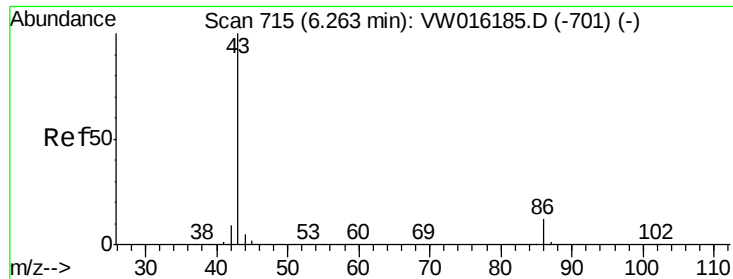
Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion:	45	Resp:	120544
Ion	Ratio	Lower	Upper
45	100		
43	54.1	41.7	62.5
87	31.4	25.0	37.6
59	12.2	9.2	13.8





#23

Vinyl Acetate

Concen: 99.228 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

Tot Ion: 43 Resp: 339835

Ion Ratio Lower Upper

43 100

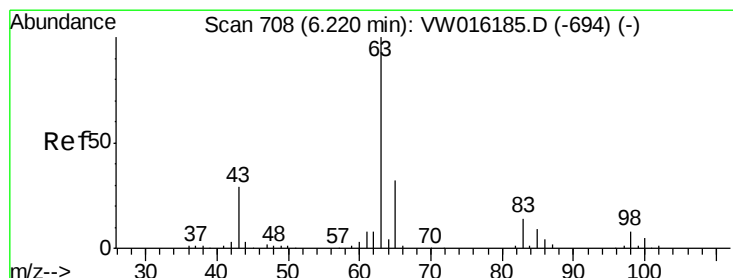
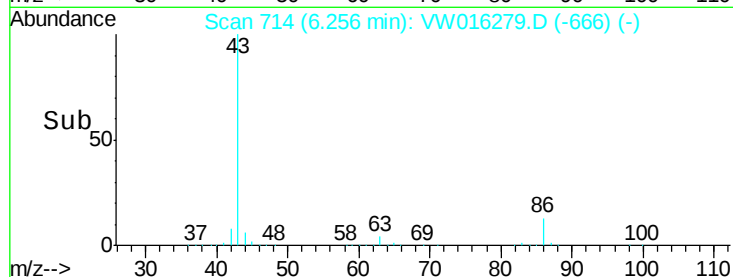
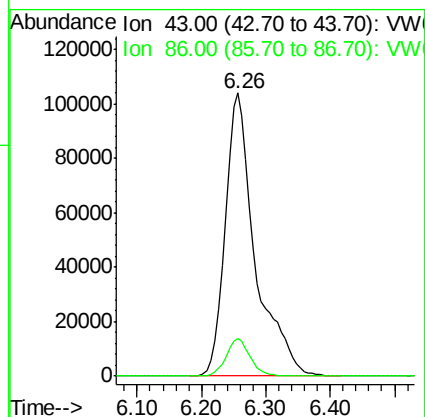
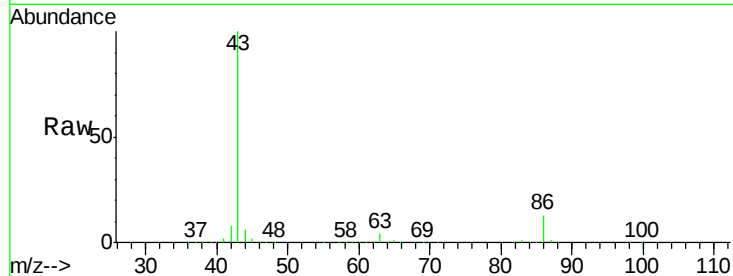
86 13.1 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.314 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

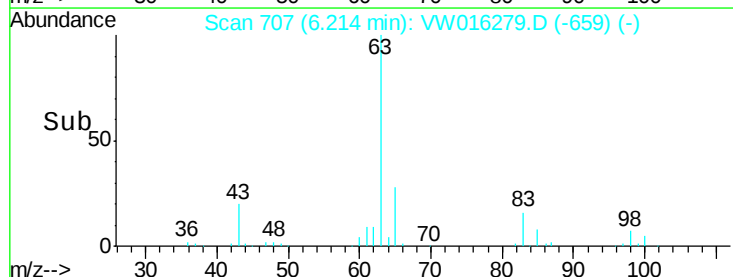
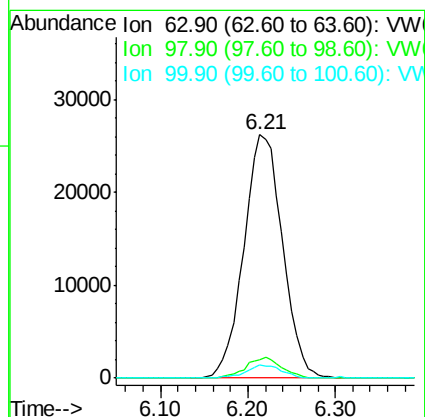
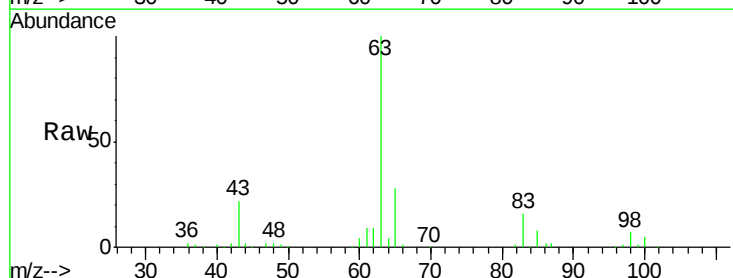
Tgt Ion: 63 Resp: 80628

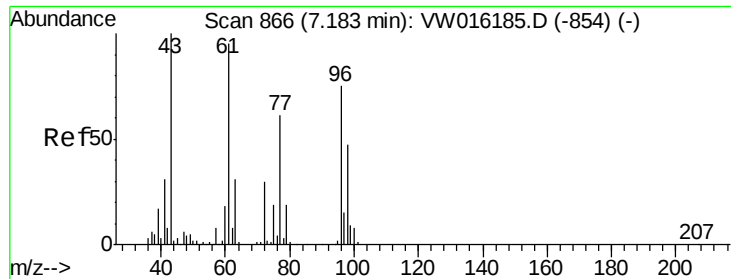
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 5.4 2.6 8.0





#25

2-Butanone

Concen: 108.275 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 43 Resp: 58632

Ion Ratio Lower Upper

43 100

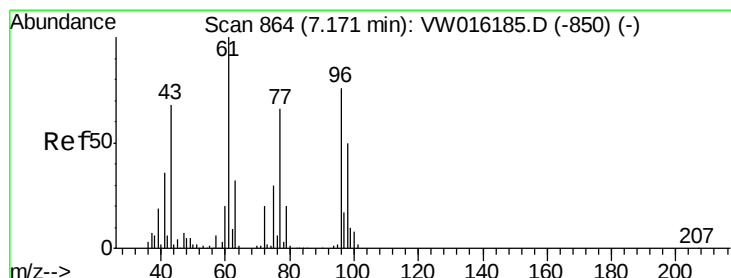
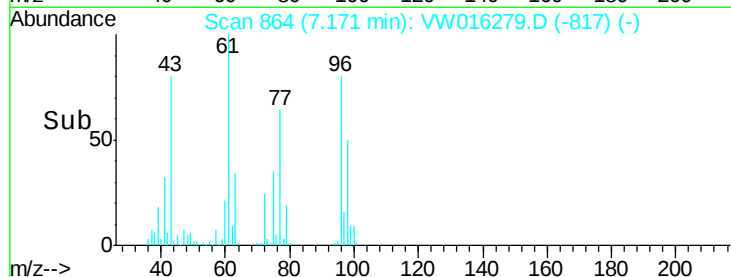
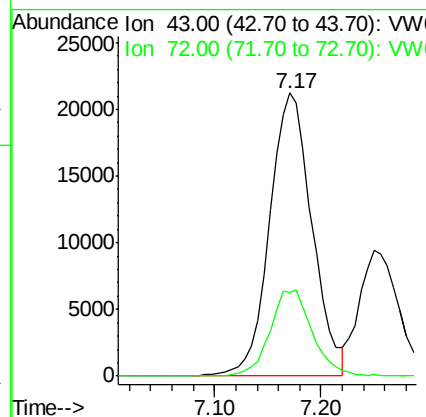
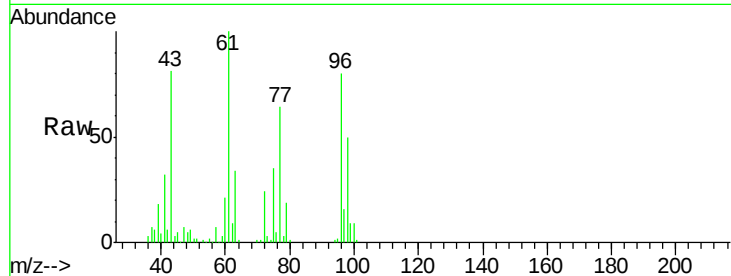
72 29.8 24.2 36.2

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#26

2,2-Dichloropropane

Concen: 19.946 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016279.D

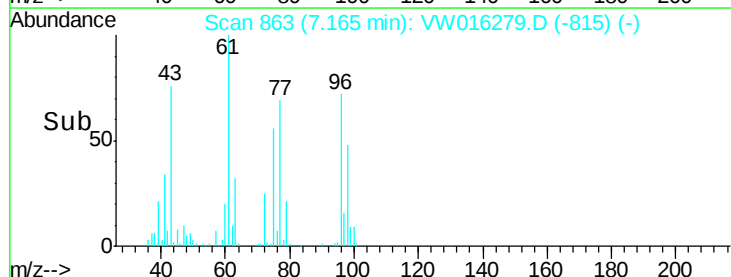
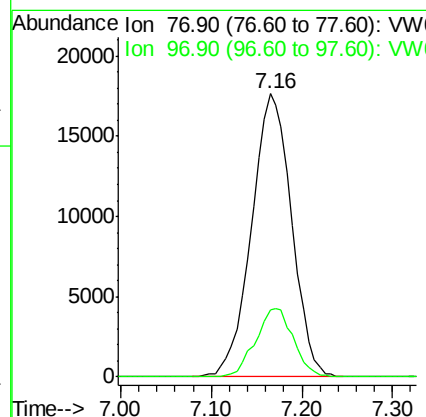
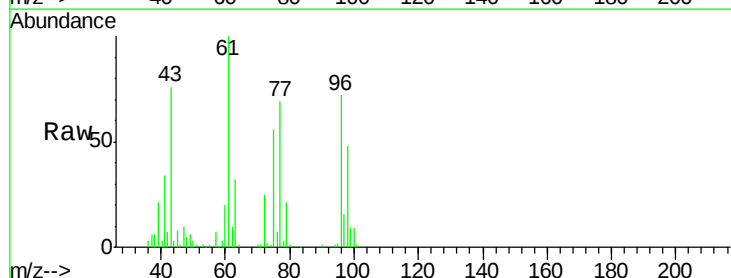
Acq: 20 Aug 2020 23:29

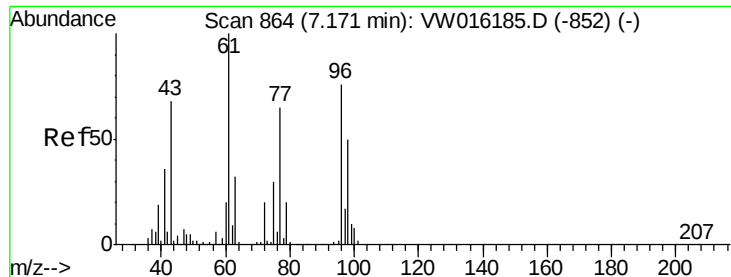
Tgt Ion: 77 Resp: 53785

Ion Ratio Lower Upper

77 100

97 22.7 12.1 36.3





#27

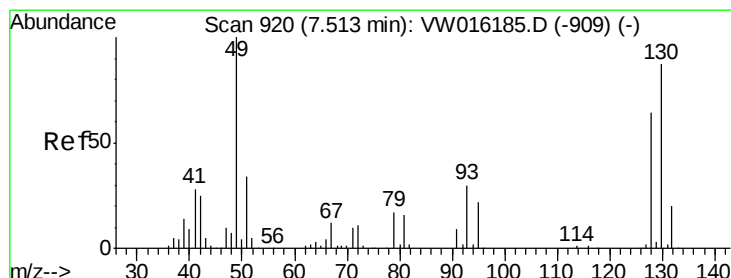
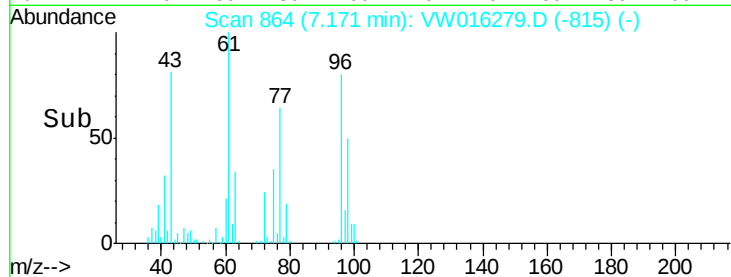
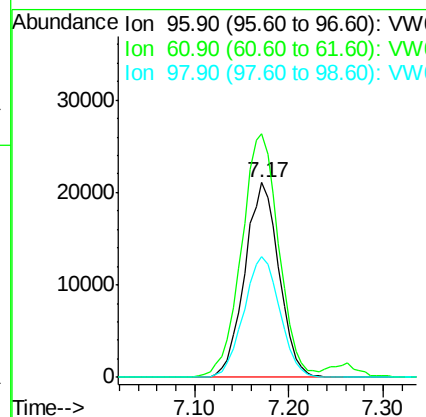
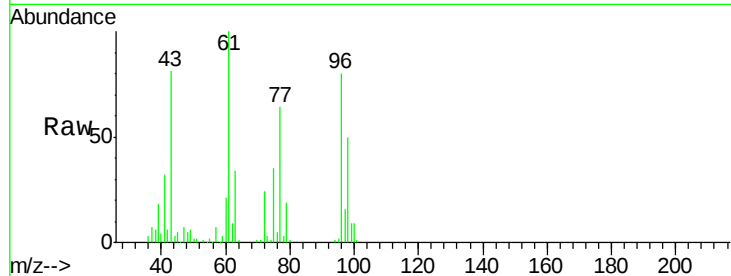
cis-1,2-Dichloroethene
Concen: 20.113 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	267.0
98	65.2	0.0	129.6

Manual Integrations
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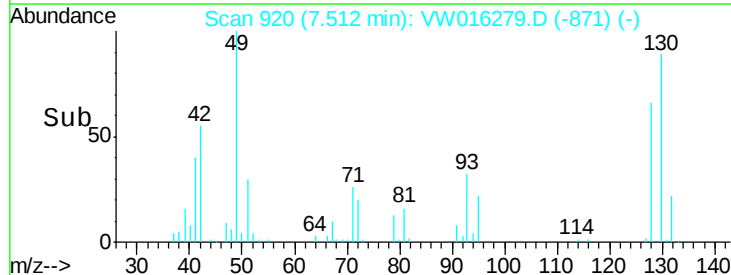
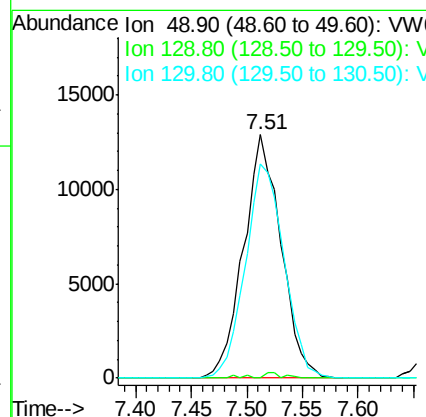
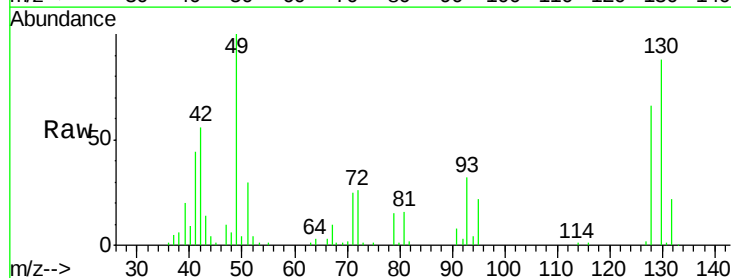
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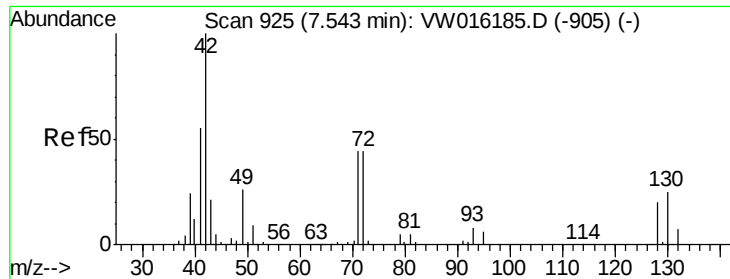


#28

Bromochloromethane
Concen: 19.089 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.2
130	90.8	69.9	104.9





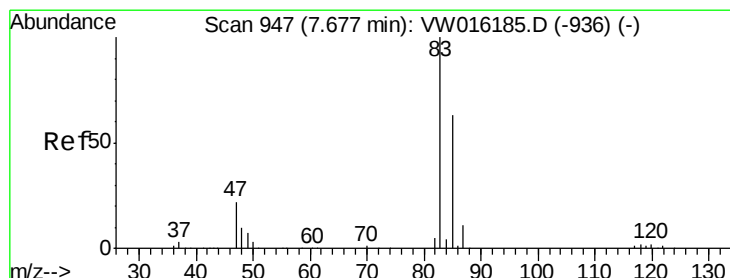
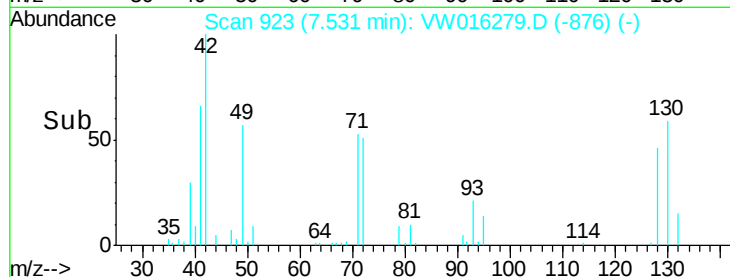
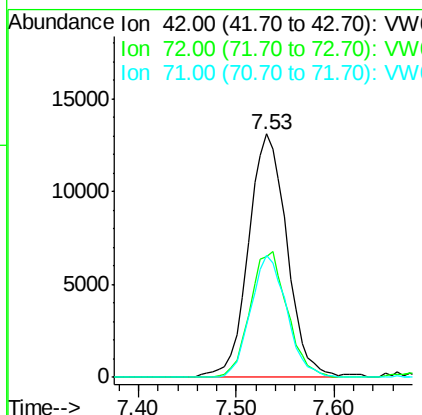
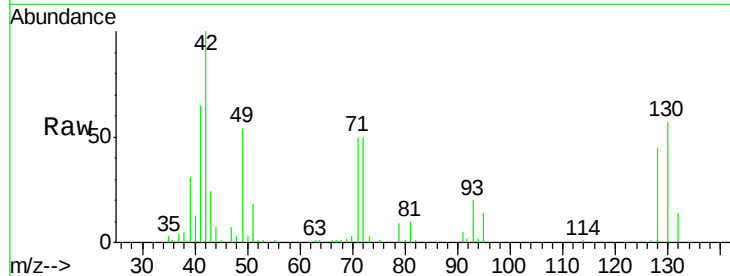
#29
Tetrahydrofuran
Concen: 110.116 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.1	37.4	56.2
71	47.1	35.6	53.4

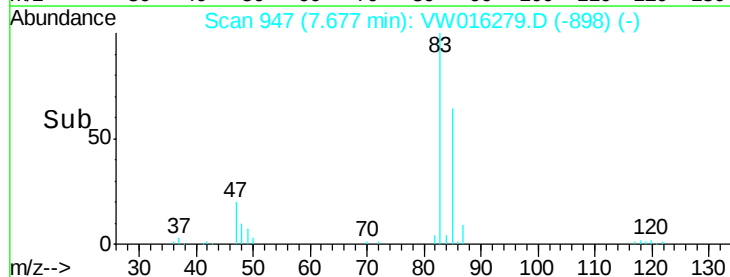
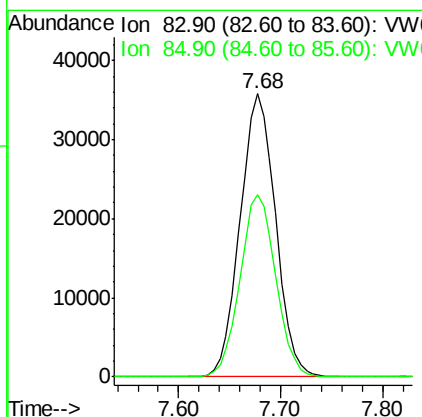
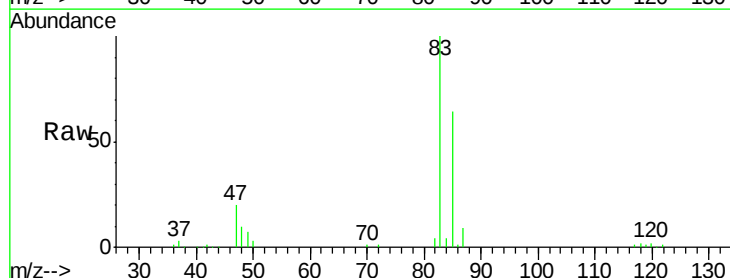
Manual Integrations
APPROVED

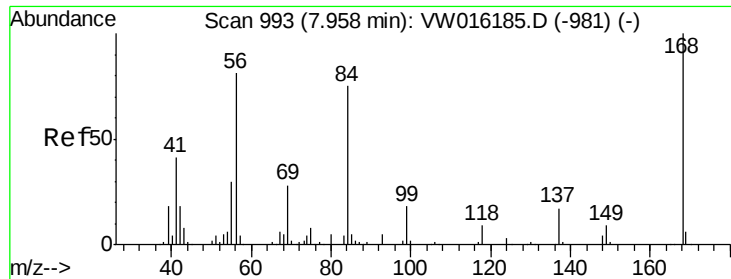
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#30
Chloroform
Concen: 19.910 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.0	75.0





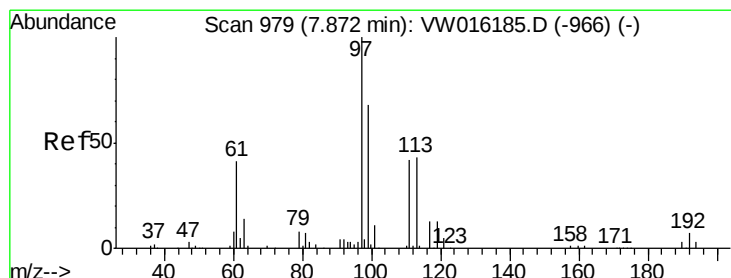
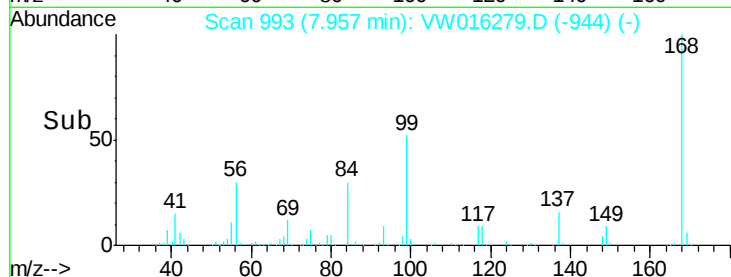
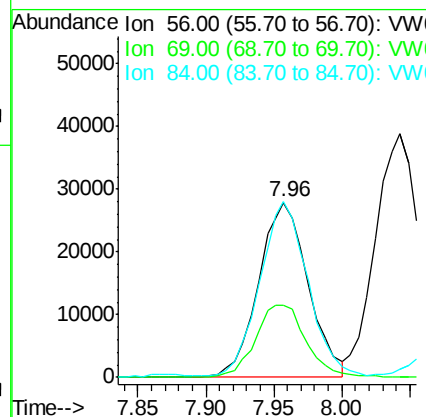
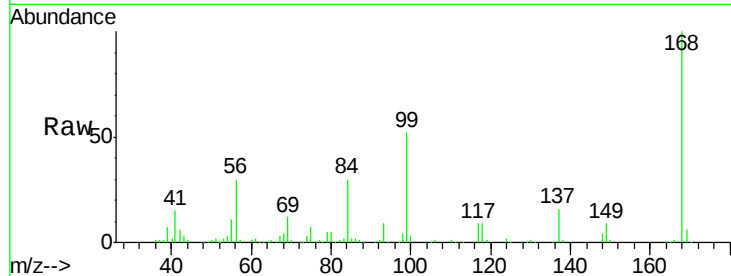
#31
Cyclohexane
Concen: 18.366 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.2	27.3	40.9#
84	99.3	73.5	110.3

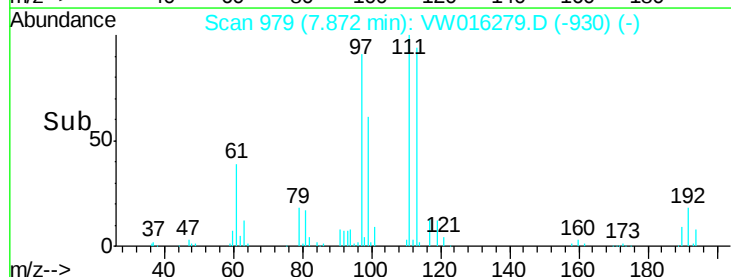
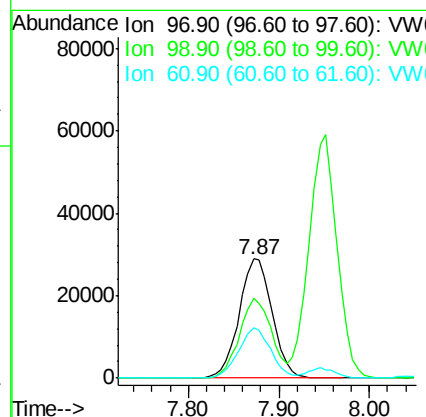
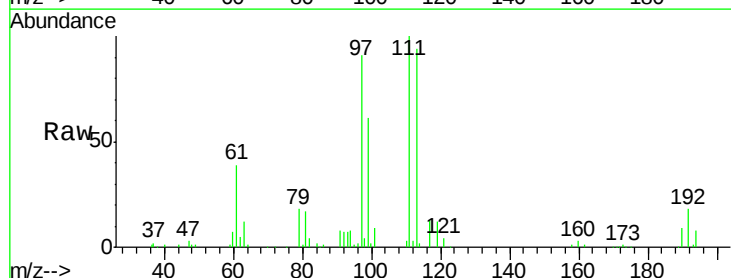
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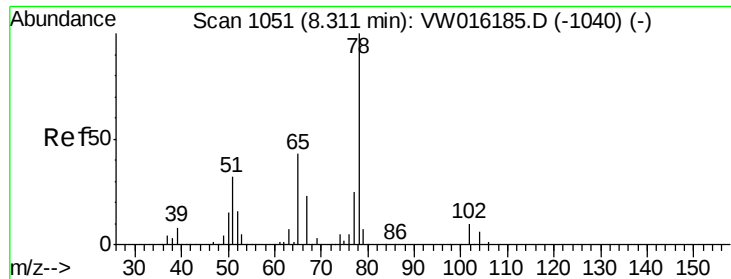
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#32
1,1,1-Trichloroethane
Concen: 20.032 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.3	76.9
61	40.8	33.2	49.8





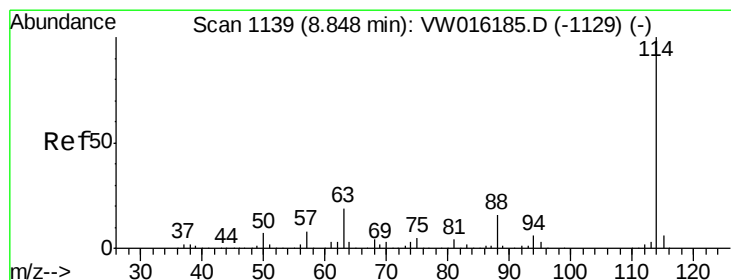
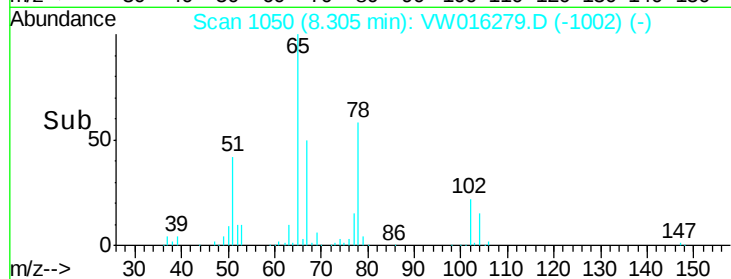
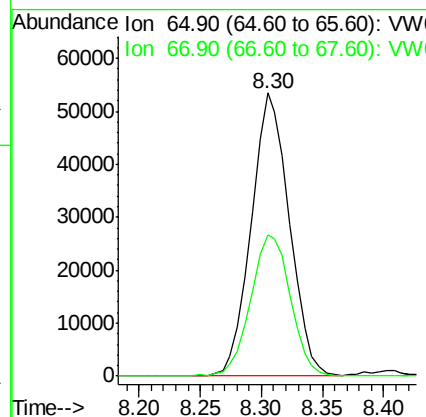
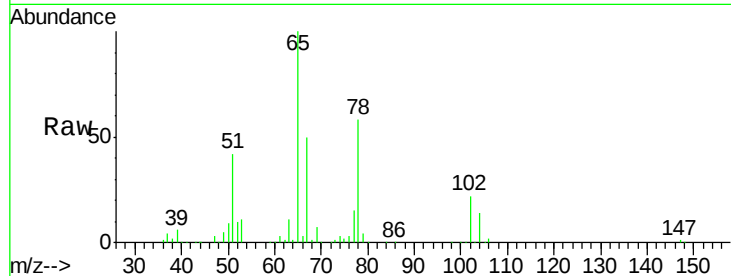
#33
 1,2-Dichloroethane-d4
 Concen: 54.879 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	105.6	

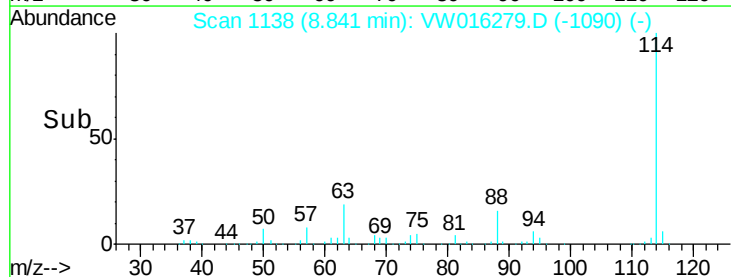
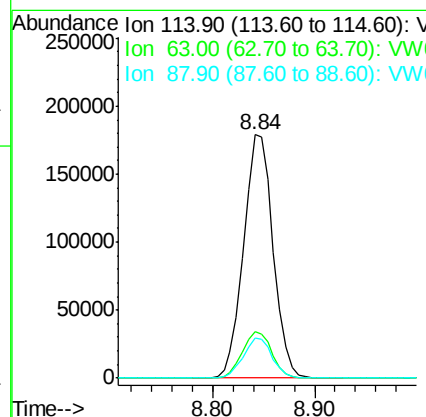
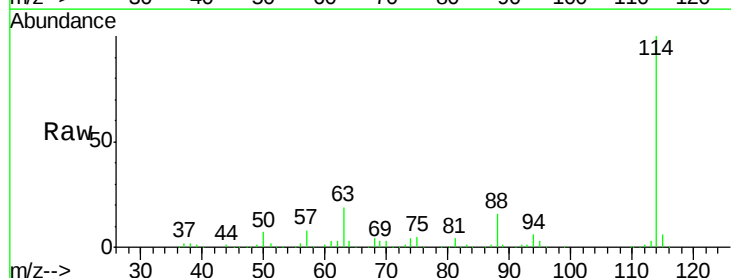
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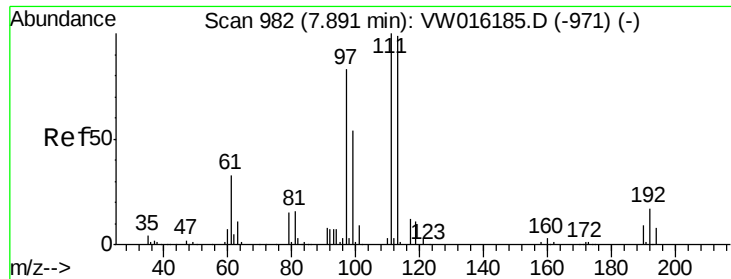
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.9	0.0	38.4	
88	16.4	0.0	32.8	





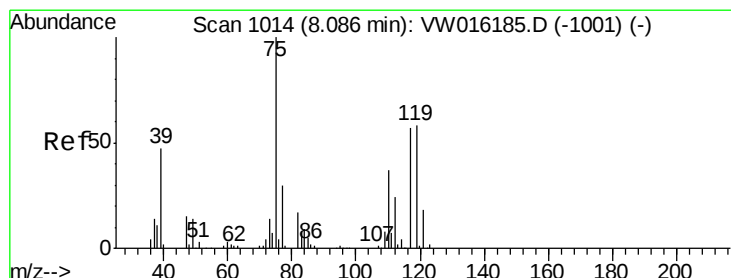
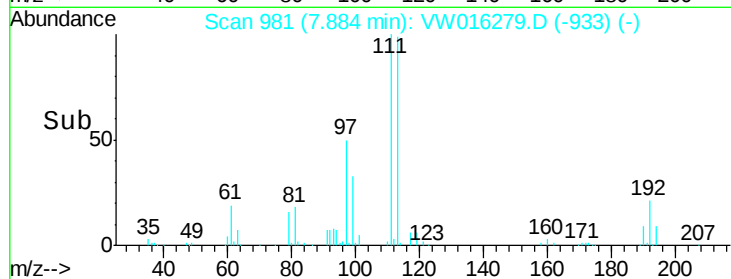
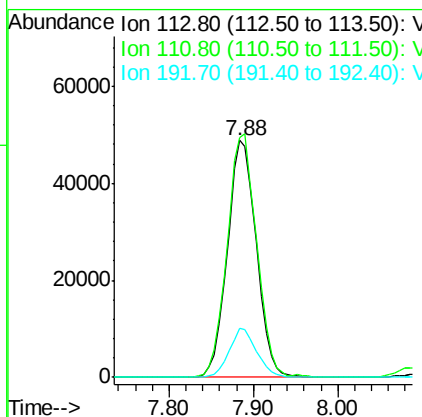
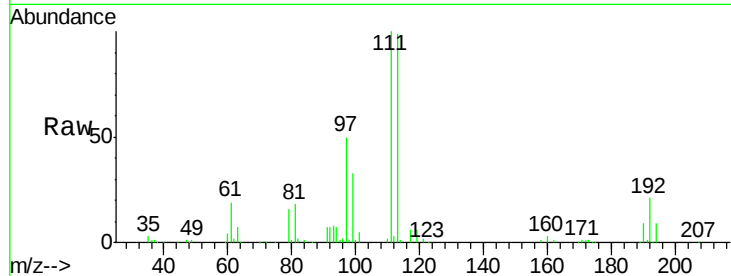
#35
 Dibromofluoromethane
 Concen: 51.495 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113849		
111	104.6	83.5	125.3	
192	19.7	14.3	21.5	

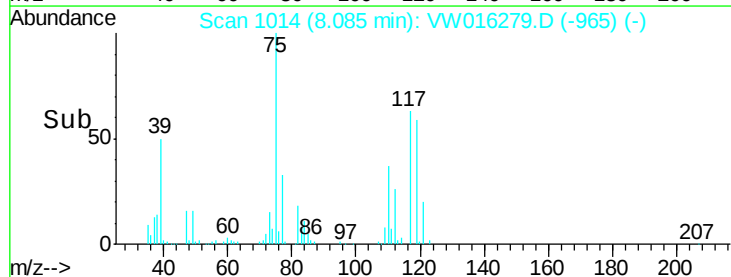
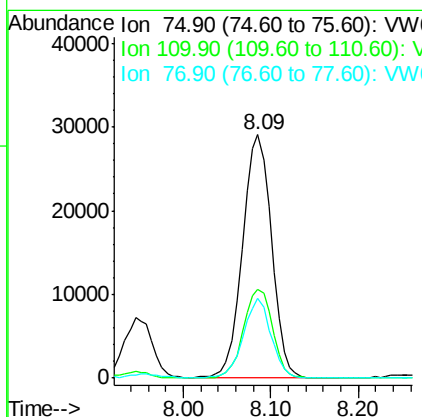
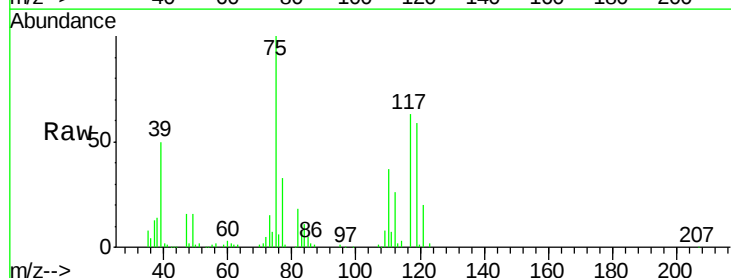
Manual Integrations
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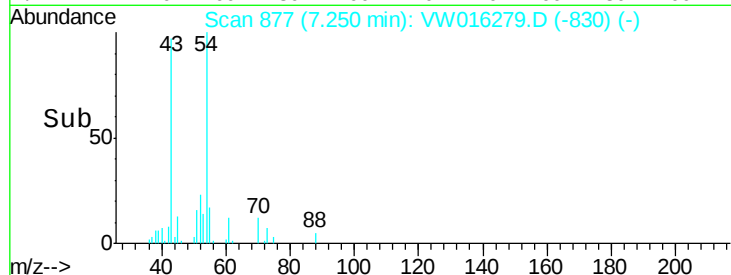
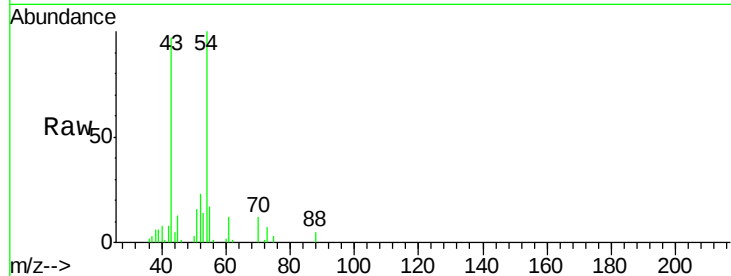
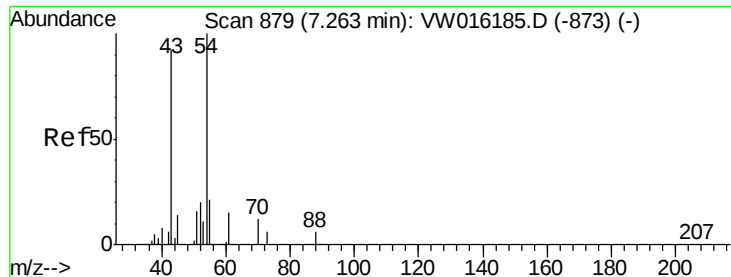
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#36
 1,1-Dichloropropene
 Concen: 19.046 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67231		
110	36.5	18.1	54.3	
77	31.3	24.7	37.1	





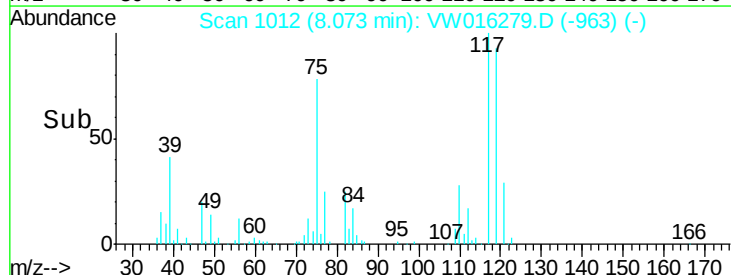
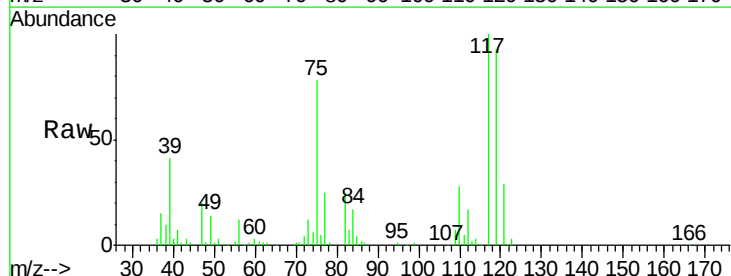
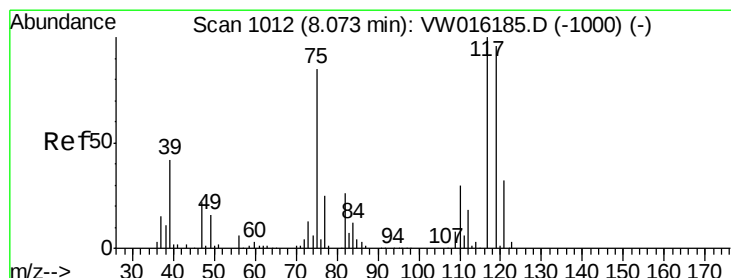
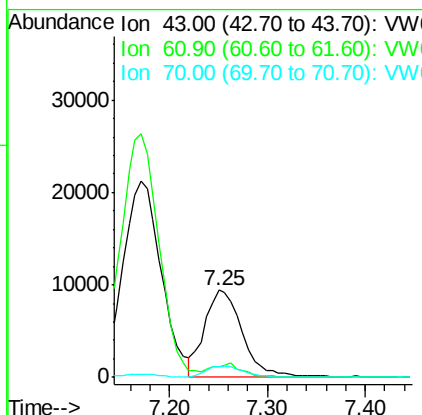
#37
Ethyl Acetate
Concen: 20.745 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tot Ion	43	Resp	25107
Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.6	18.8
70	12.9	9.8	14.8

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

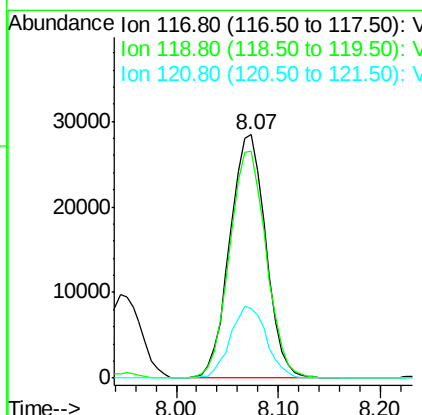
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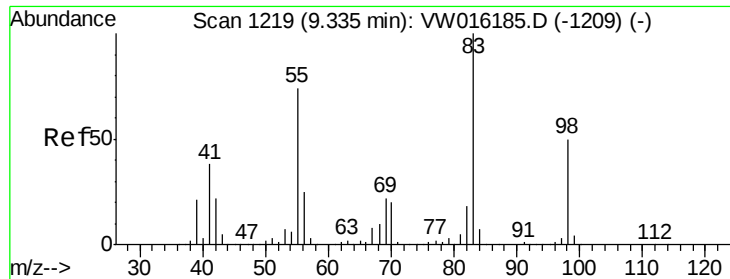
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.789 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	117	Resp	69710
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.6	115.0
121	28.7	25.4	38.0





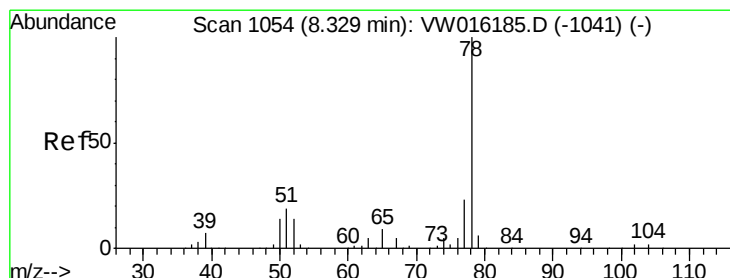
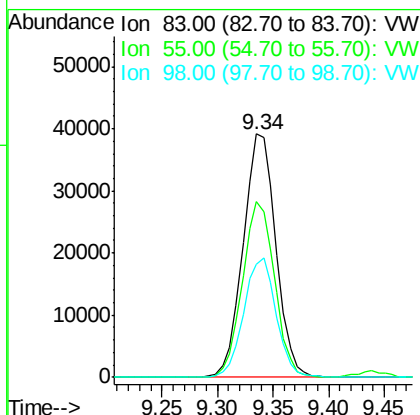
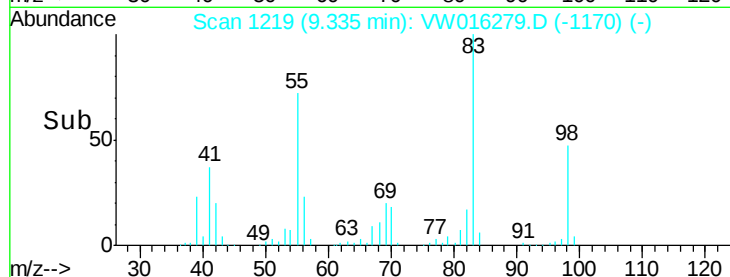
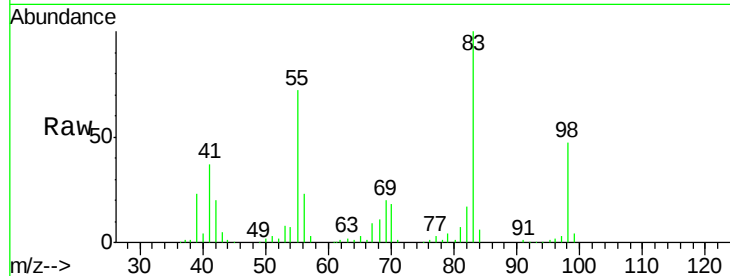
#39
Methvlcvclohexane
Concen: 18.841 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tot Ion	83	Resp	80114
Ion Ratio	100	Lower	Upper
83	100		
55	72.4	59.2	88.8
98	46.5	40.2	60.2

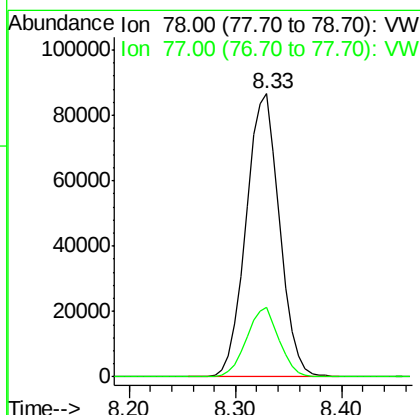
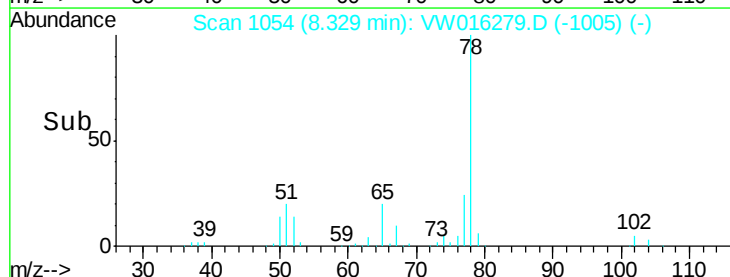
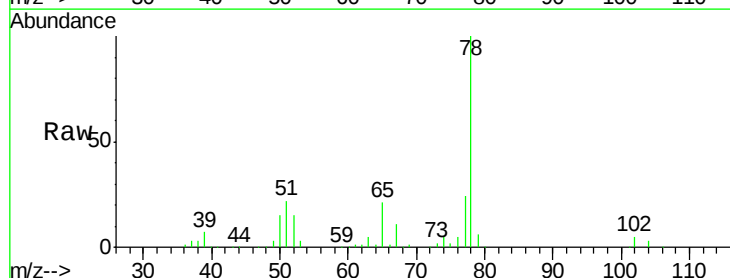
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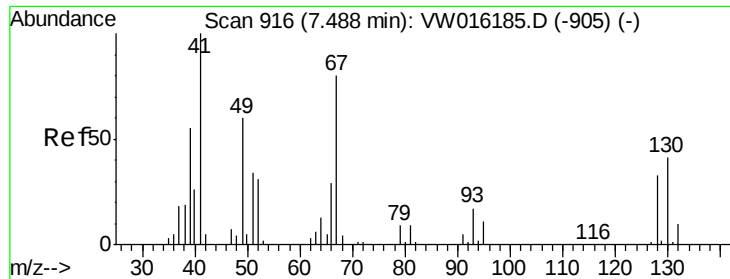
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#40
Benzene
Concen: 19.270 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	78	Resp	191359
Ion Ratio	100	Lower	Upper
78	100		
77	24.4	18.6	28.0





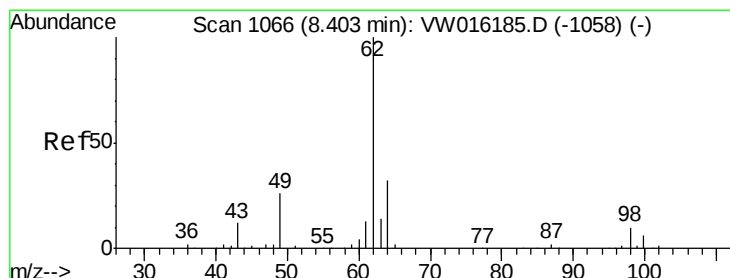
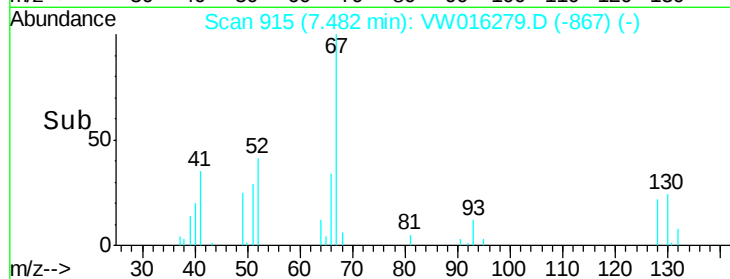
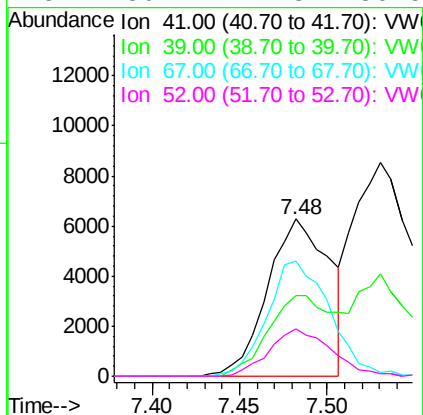
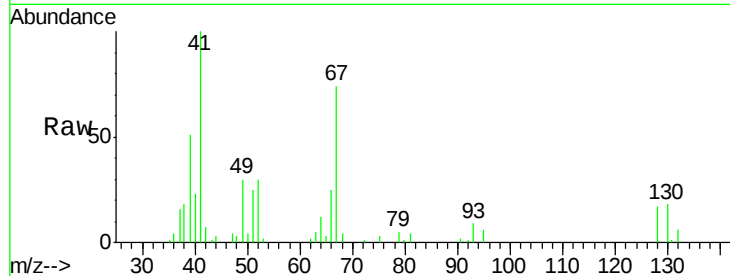
#41
Methacrylonitrile
Concen: 22.428 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tot Ion:	41	Resp:	15492
Ion	Ratio	Lower	Upper
41	100		
39	52.9	43.4	65.2
67	74.9	61.5	92.3
52	30.7	24.3	36.5

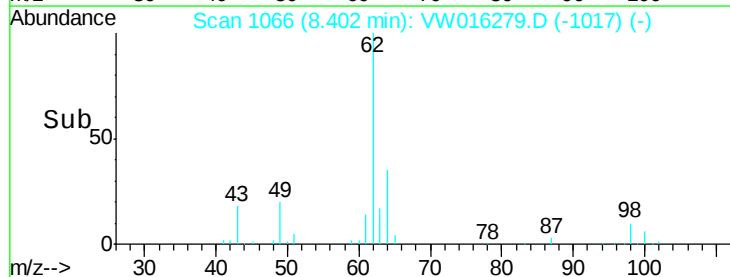
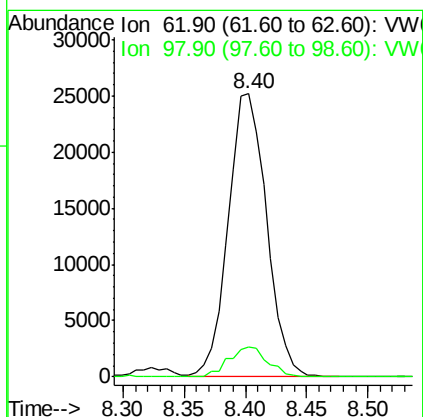
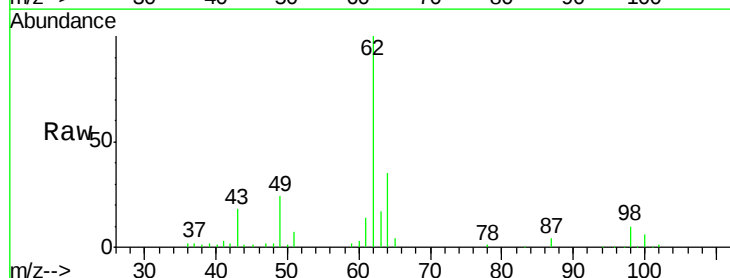
Manual Integrations
APPROVED

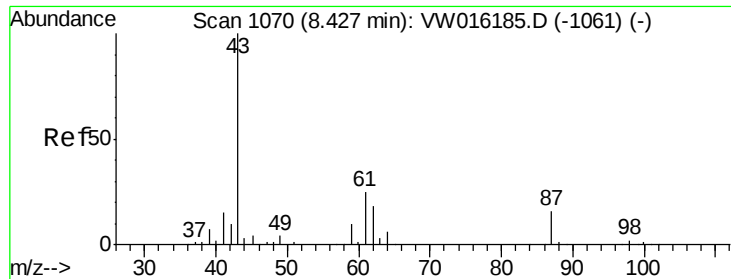
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#42
1,2-Dichloroethane
Concen: 20.871 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion:	62	Resp:	54740
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.8





#43

Isopropyl Acetate

Concen: 20.594 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

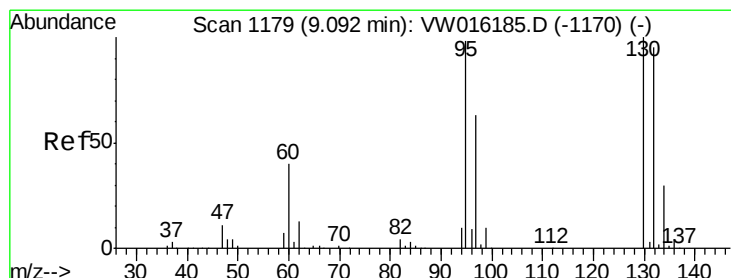
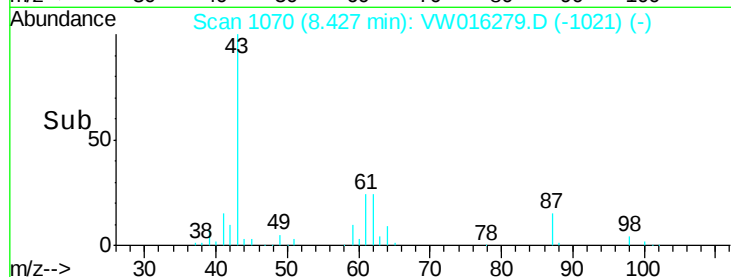
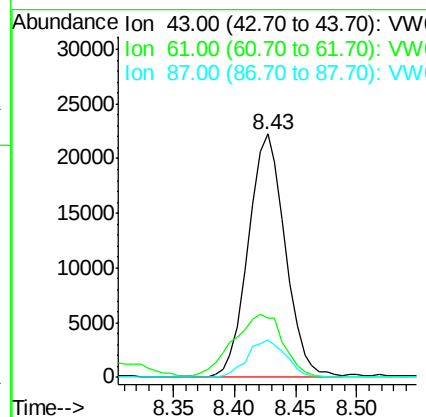
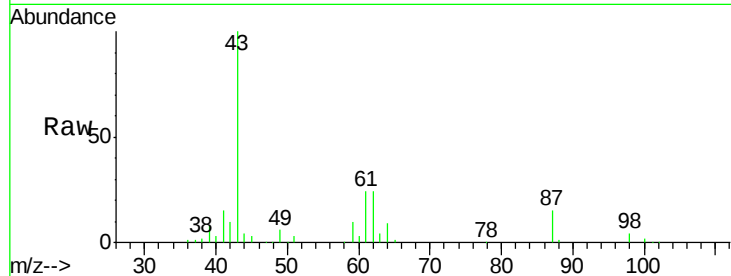
ClientSampleId :

VW0821SBSD01

Tot Ion:	43	Resp:	46891
Ion	Ratio	Lower	Upper
43	100		
61	35.5	26.9	40.3
87	16.2	12.0	18.0

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#44

Trichloroethene

Concen: 18.758 ug/l

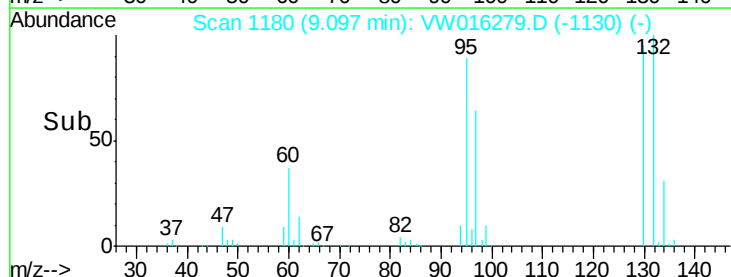
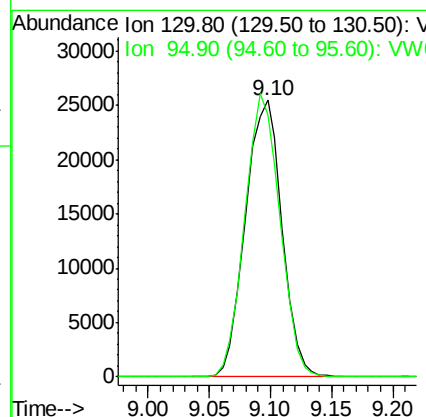
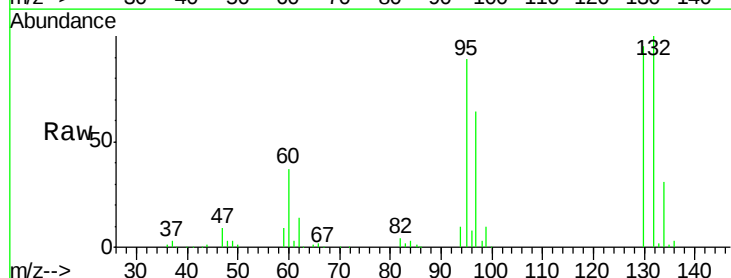
RT: 9.10 min Scan# 1180

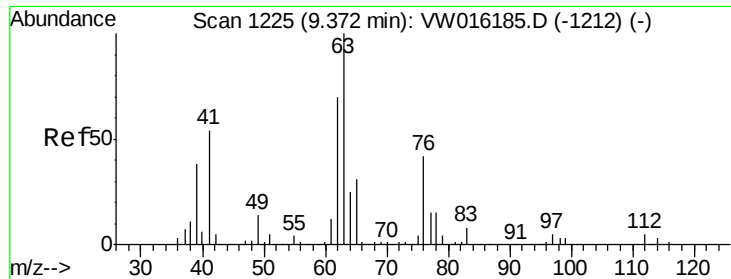
Delta R.T. 0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion:	130	Resp:	52758
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	196.4





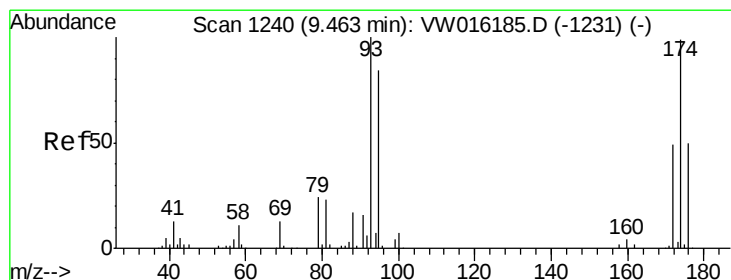
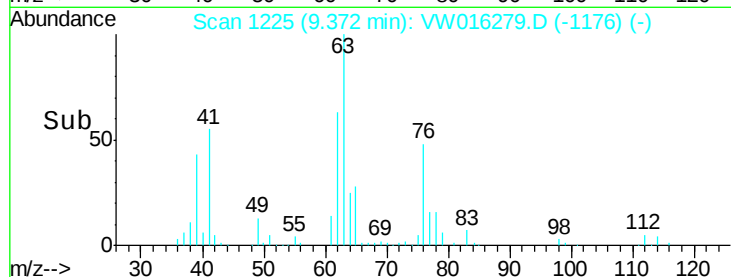
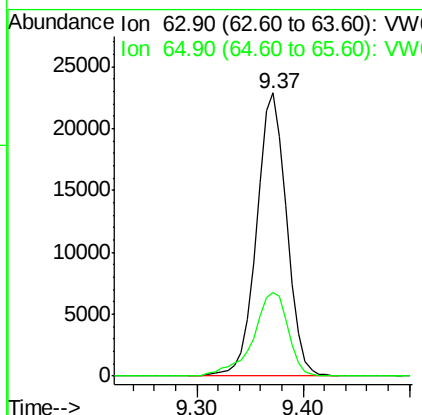
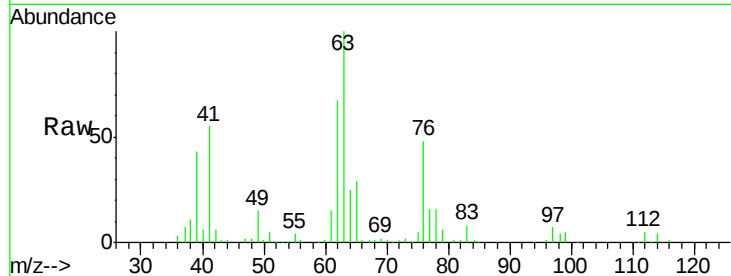
#45
 1,2-Dichloropropane
 Concen: 19.278 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0821SBS01

Tot Ion	63	Resp	45128
Ion Ratio	Lower	Upper	
63	100		
65	29.5	25.0	37.6

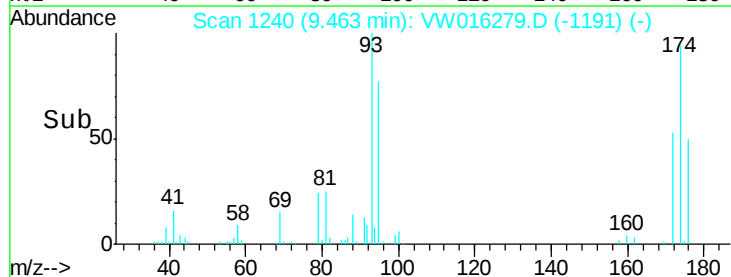
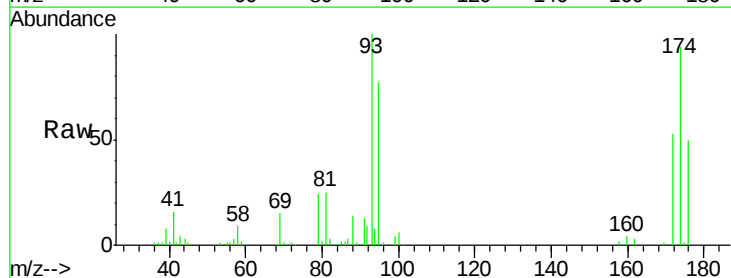
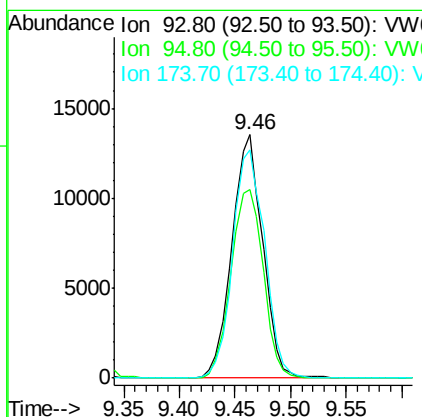
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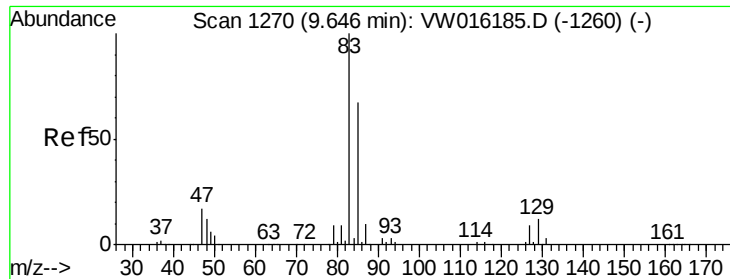
MMDadoda
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#46
 Dibromomethane
 Concen: 21.057 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	93	Resp	25878
Ion Ratio	Lower	Upper	
93	100		
95	81.2	65.9	98.9
174	97.6	77.0	115.6





#47

Bromodichloromethane

Concen: 20.157 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

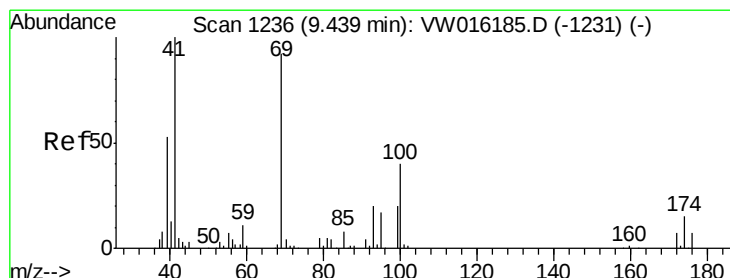
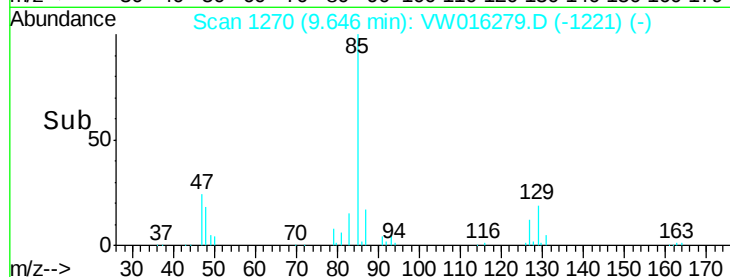
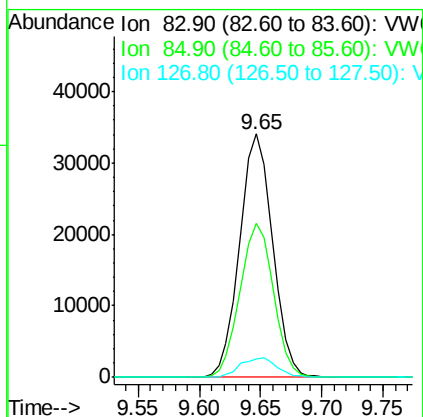
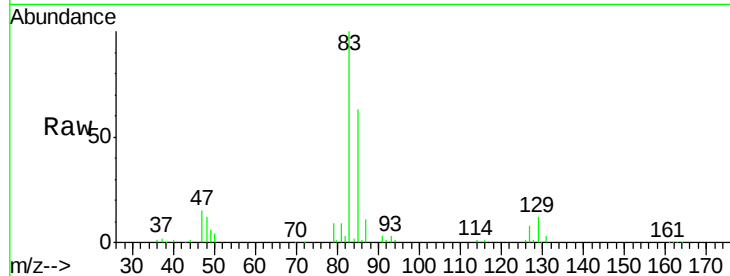
ClientSampleId :

VW0821SBS01

Tot Ion:	83	Resp:	64004
Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.3	79.9
127	7.6	7.4	11.2

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#48

Methyl methacrylate

Concen: 21.744 ug/l

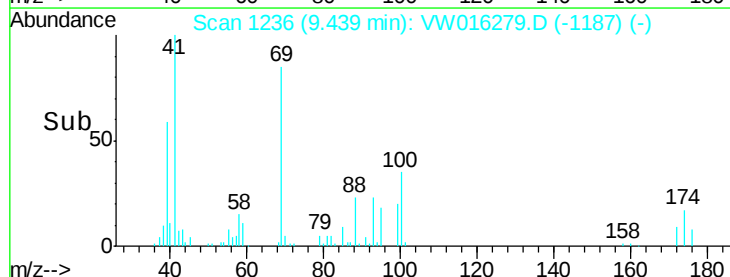
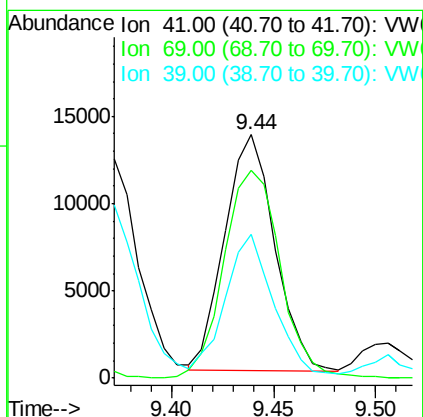
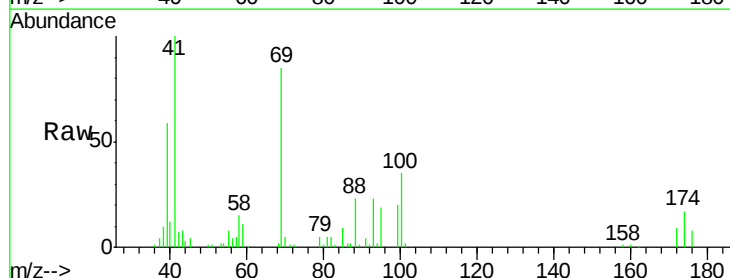
RT: 9.44 min Scan# 1236

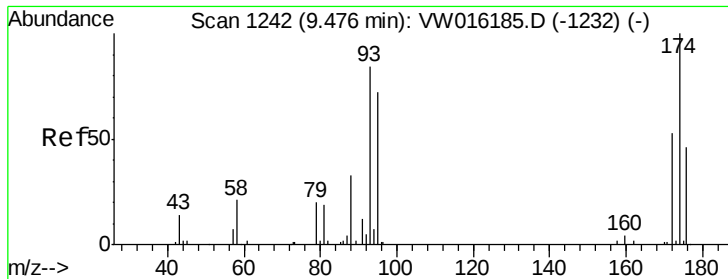
Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion:	41	Resp:	23016
Ion	Ratio	Lower	Upper
41	100		
69	99.6	77.4	116.0
39	56.0	42.2	63.2





#49

1,4-Dioxane

Concen: 529.229 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.03 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

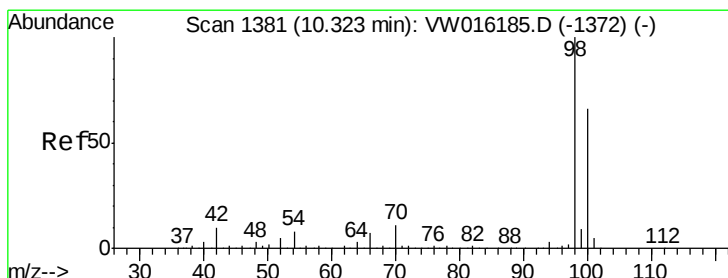
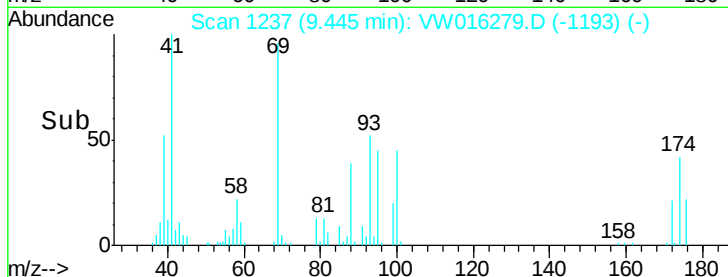
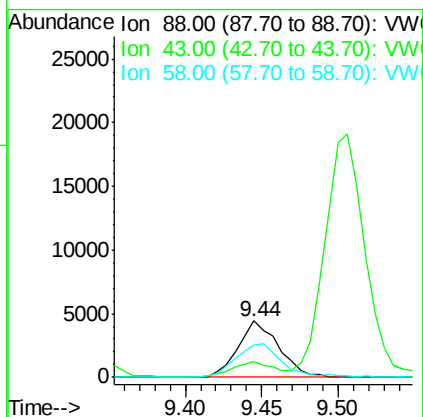
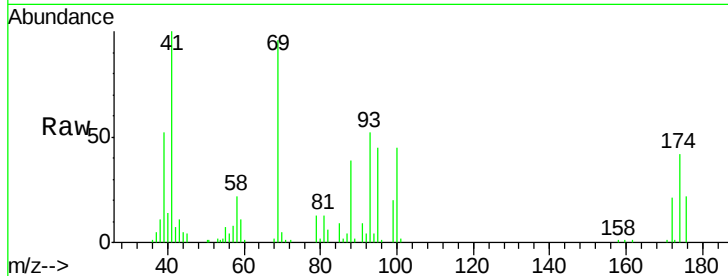
ClientSampleId :

VW0821SBSD01

Tot Ion	88	Resp	8190
Ion	Ratio	Lower	Upper
88	100		
43	30.9	0.0	0.0#
58	68.3	56.6	84.8

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#50

Toluene-d8

Concen: 52.426 ug/l

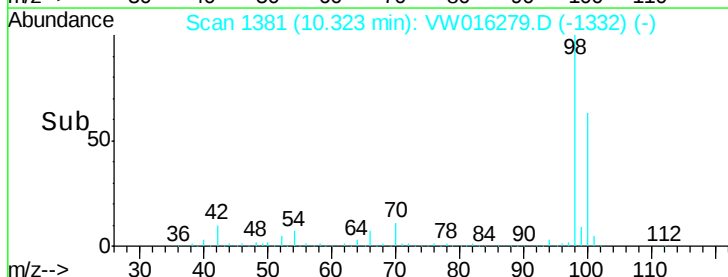
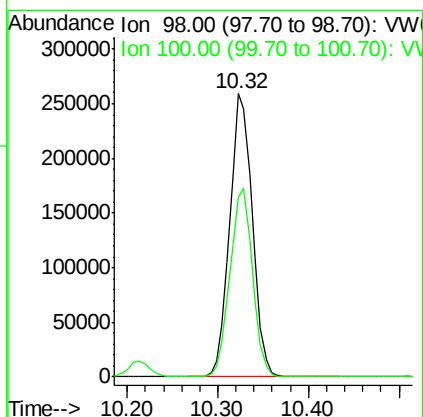
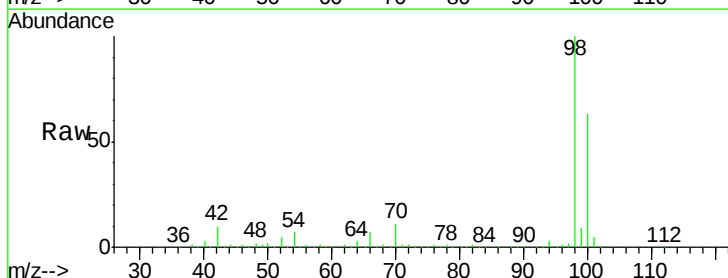
RT: 10.32 min Scan# 1381

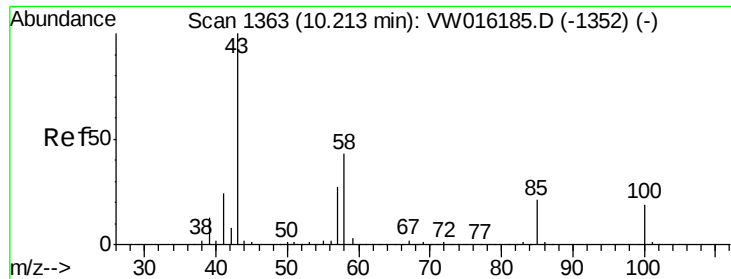
Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion	98	Resp	448660
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 110.417 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 43 Resp: 127159

Ion Ratio Lower Upper

43 100

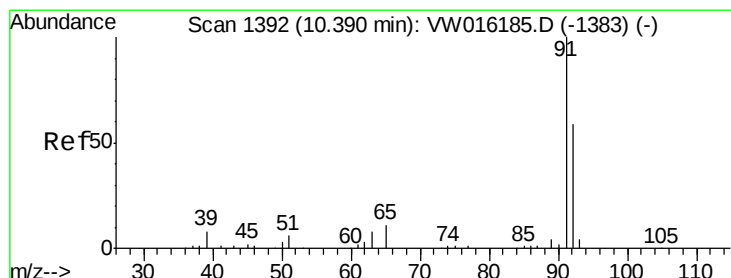
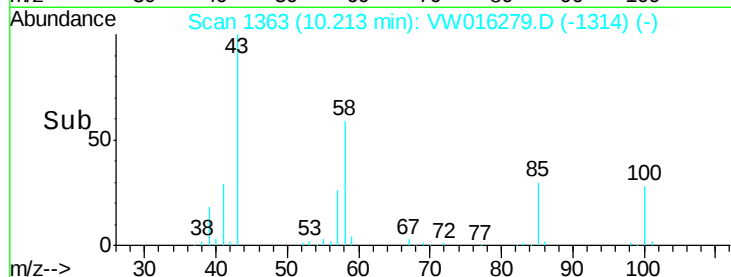
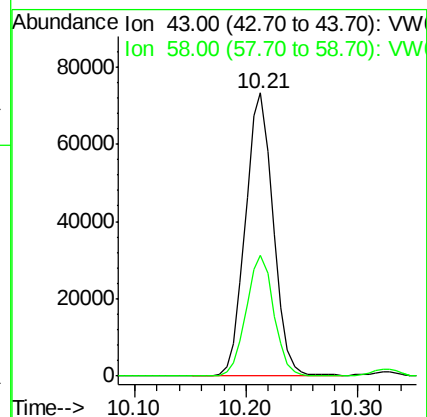
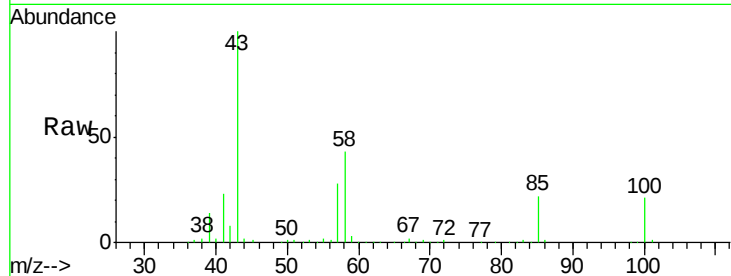
58 42.3 33.7 50.5

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#52

Toluene

Concen: 20.069 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016279.D

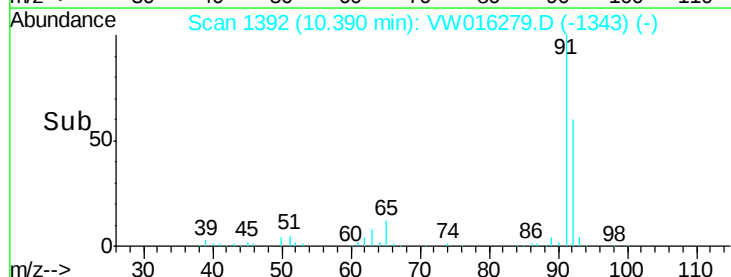
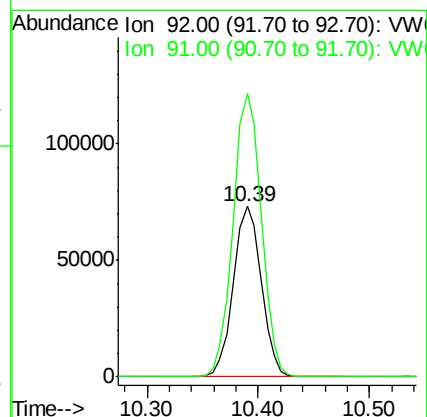
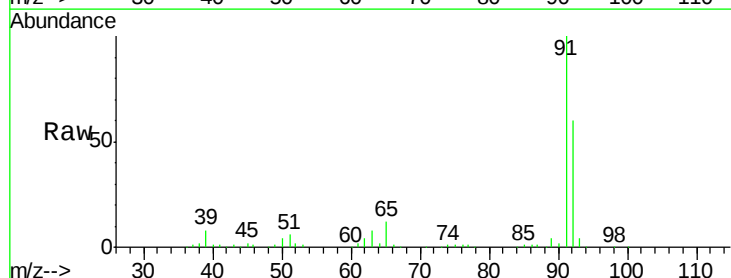
Acq: 20 Aug 2020 23:29

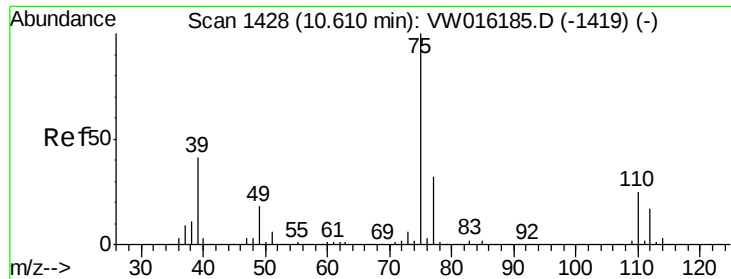
Tgt Ion: 92 Resp: 127617

Ion Ratio Lower Upper

92 100

91 168.2 133.3 199.9





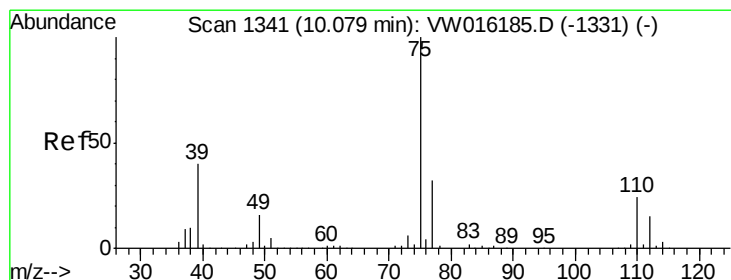
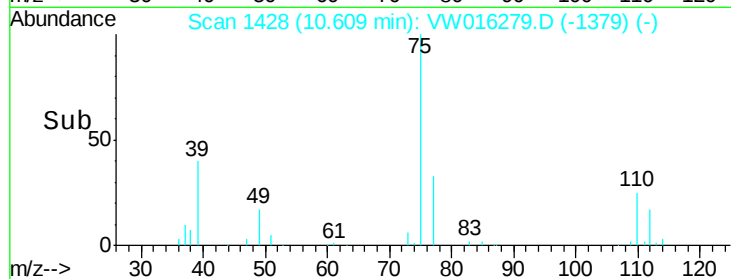
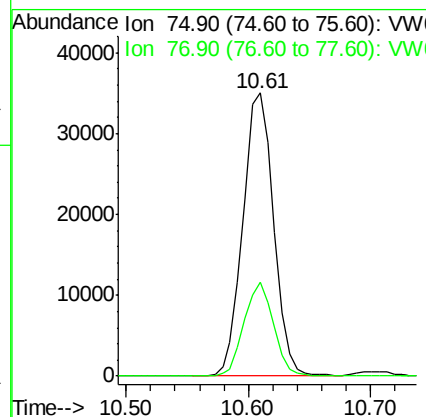
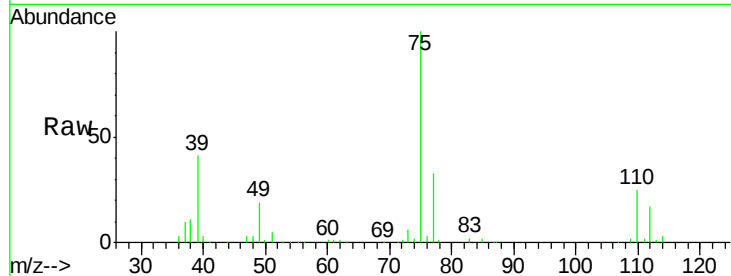
#53
t-1,3-Dichloropropene
Concen: 20.821 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tot Ion: 75 Resp: 61213
Ion Ratio Lower Upper
75 100
77 33.2 25.6 38.4

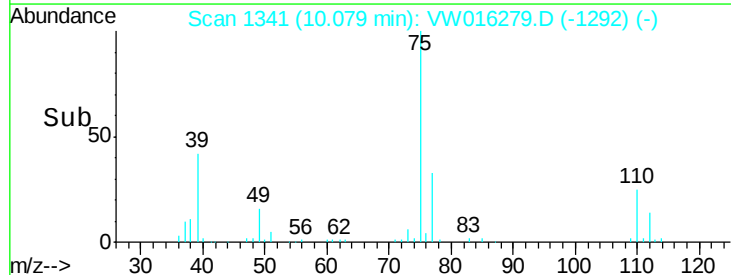
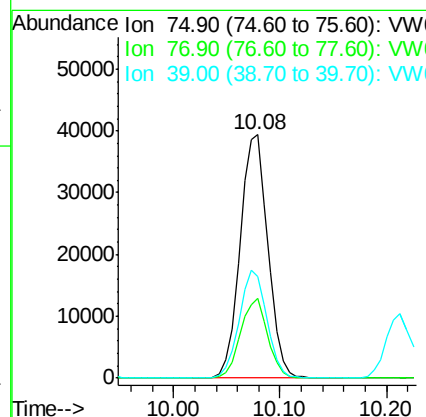
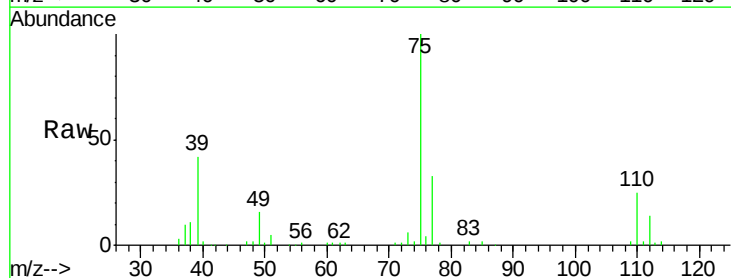
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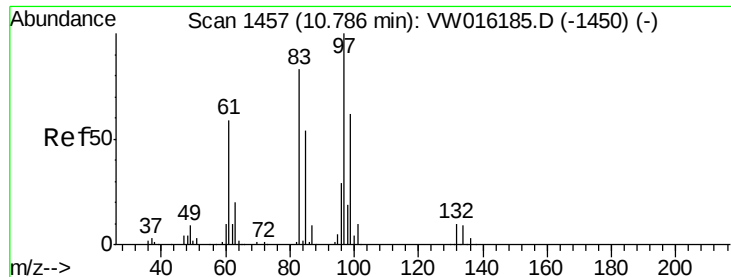
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#54
cis-1,3-Dichloropropene
Concen: 19.767 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion: 75 Resp: 72229
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 41.7 32.3 48.5





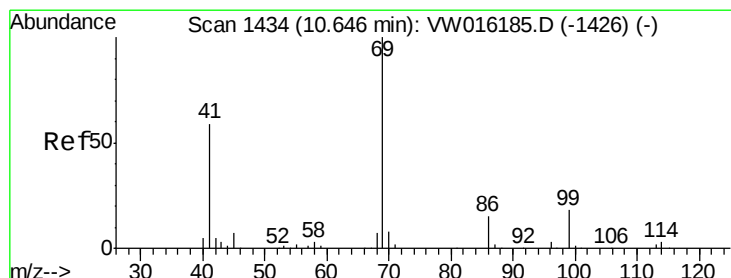
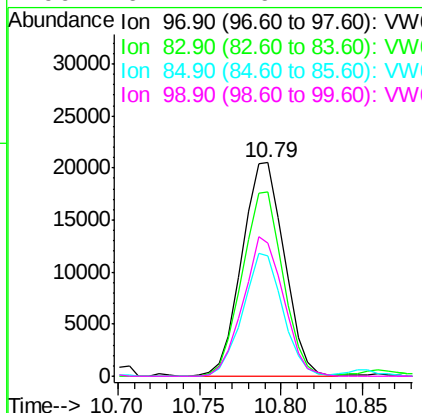
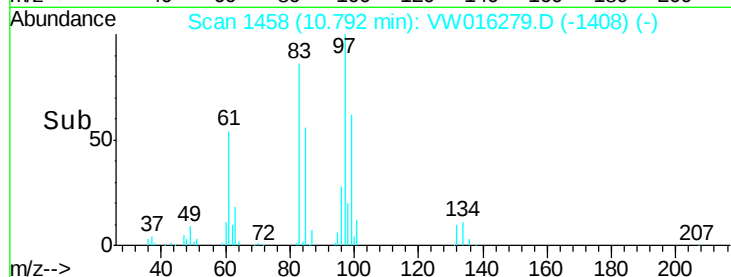
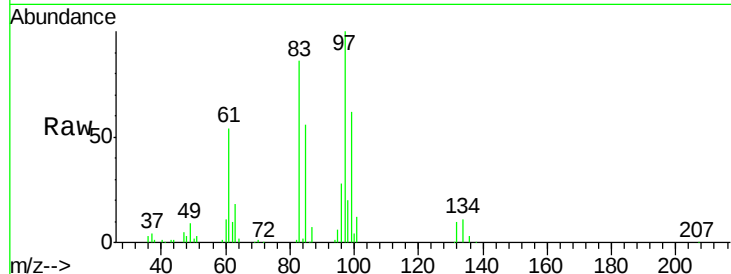
#55
 1,1,2-Trichloroethane
 Concen: 21.163 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		37319		
83	86.5	66.6	100.0		
85	56.5	43.0	64.4		
99	62.2	49.4	74.2		

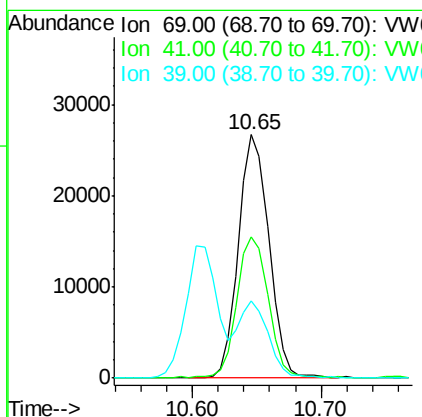
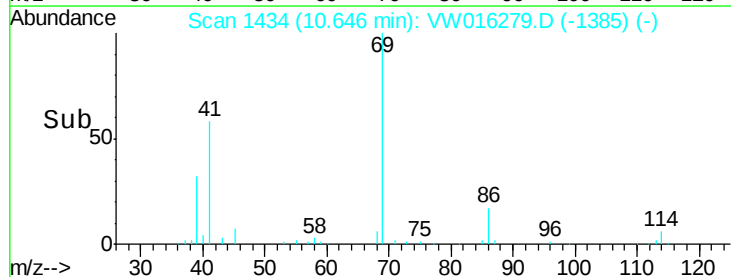
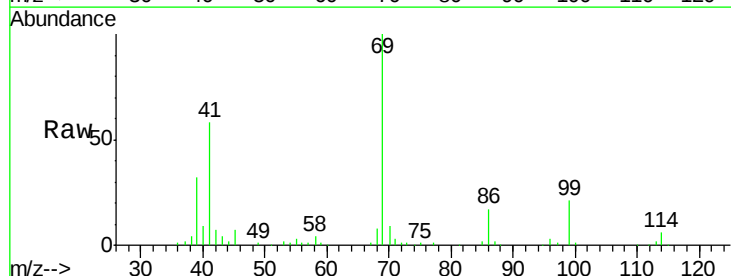
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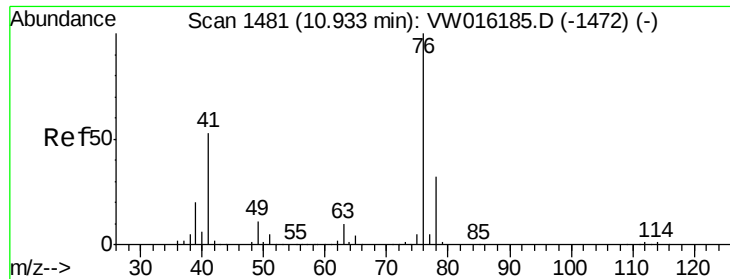
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#56
 Ethyl methacrylate
 Concen: 21.844 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		43928		
41	60.6	47.6	71.4		
39	30.7	24.6	36.8		





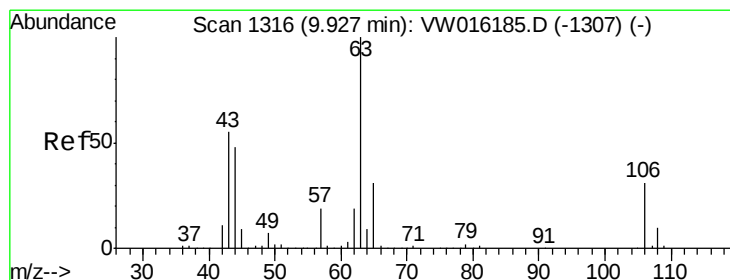
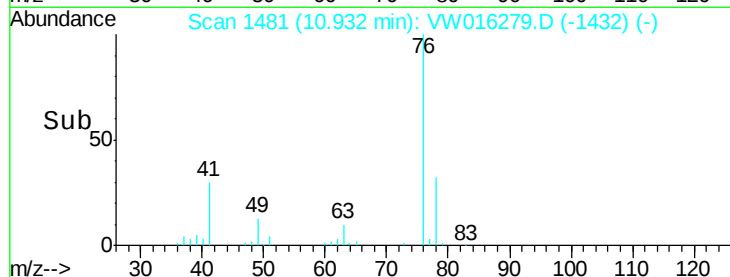
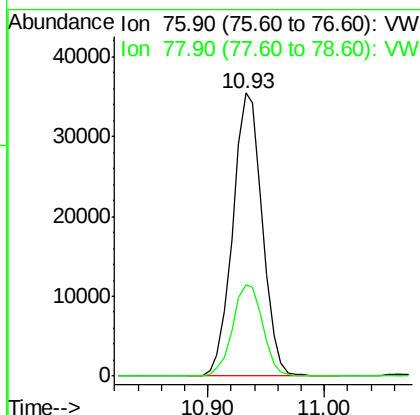
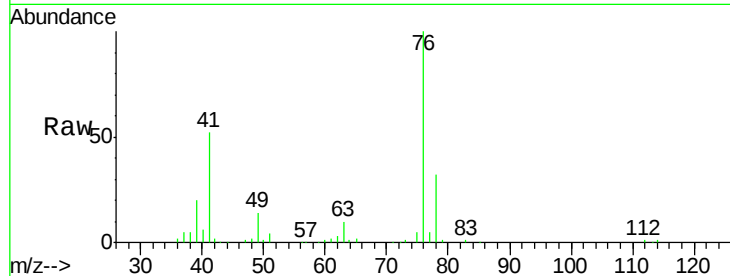
#57
 1,3-Dichloropropane
 Concen: 20.775 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion: 76 Resp: 62331
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8

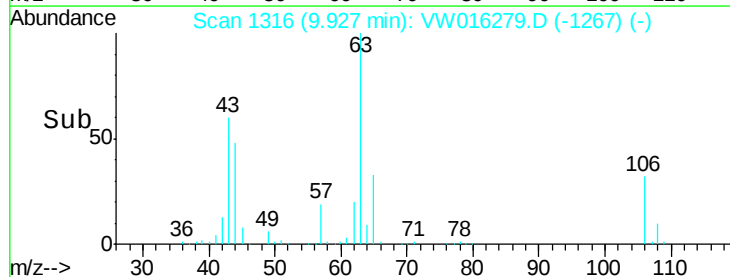
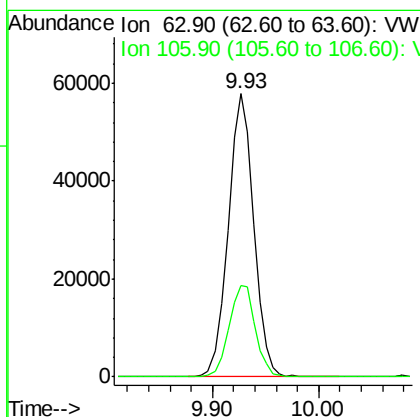
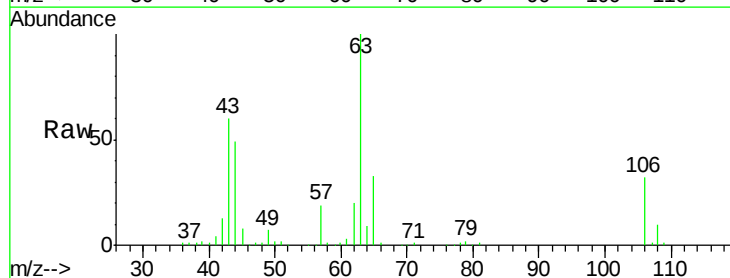
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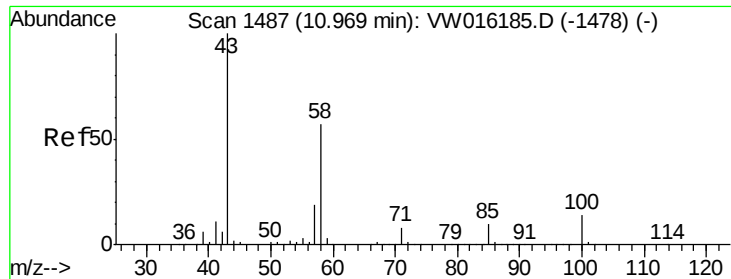
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#58
 2-Chloroethyl Vinyl ether
 Concen: 105.455 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion: 63 Resp: 96688
 Ion Ratio Lower Upper
 63 100
 106 33.2 24.9 37.3





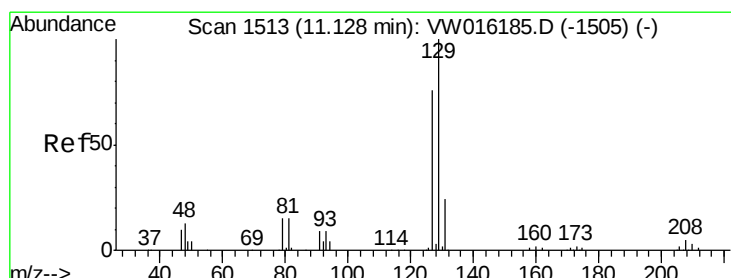
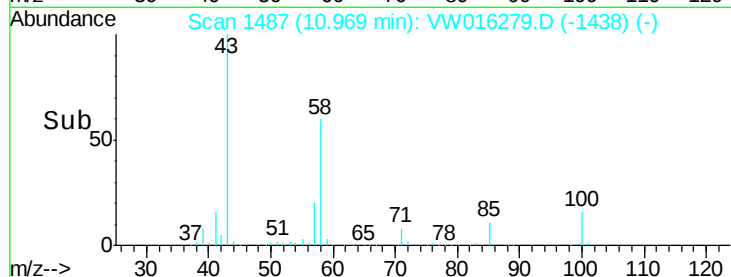
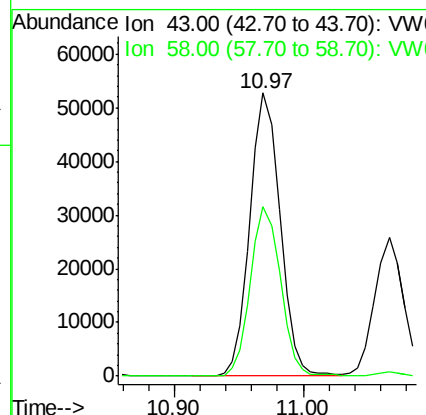
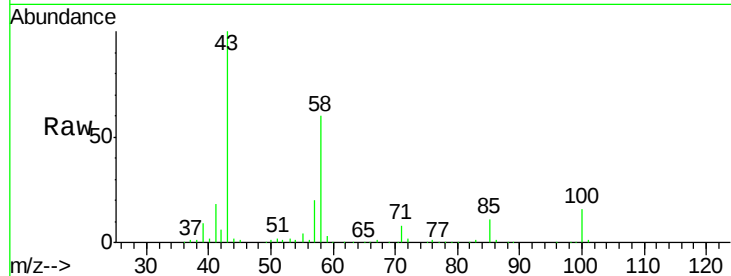
#59
2-Hexanone
Concen: 109.070 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion: 43 Resp: 85929
Ion Ratio Lower Upper
43 100
58 59.6 28.8 86.5

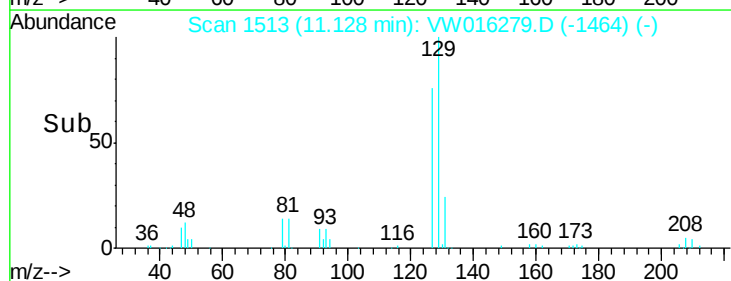
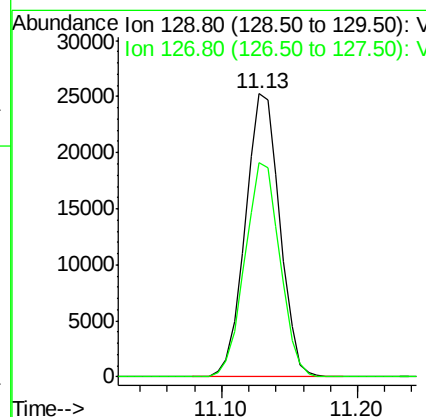
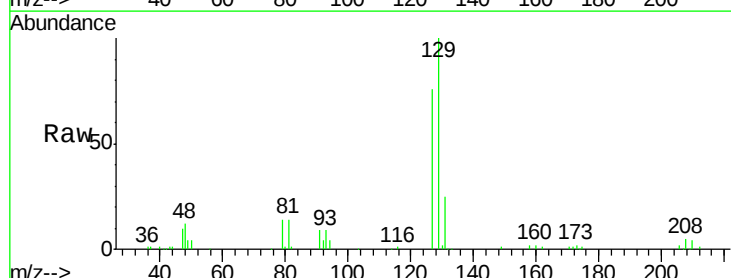
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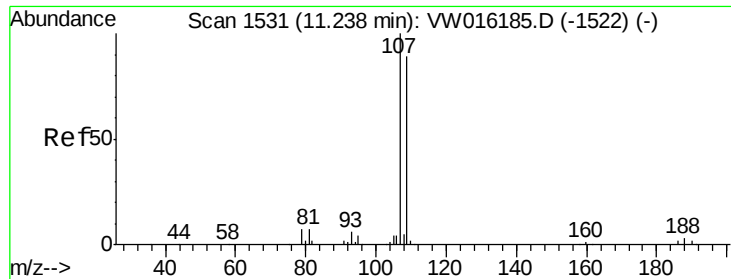
MMDadoda
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#60
Dibromochloromethane
Concen: 21.314 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion: 129 Resp: 44712
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





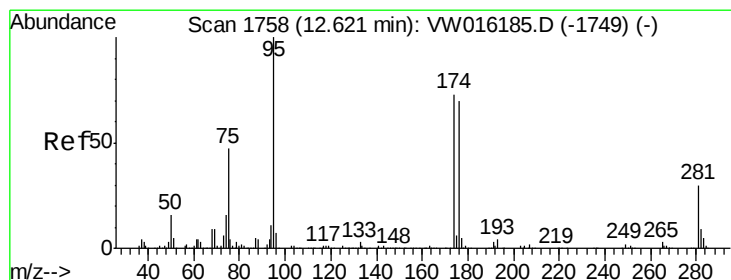
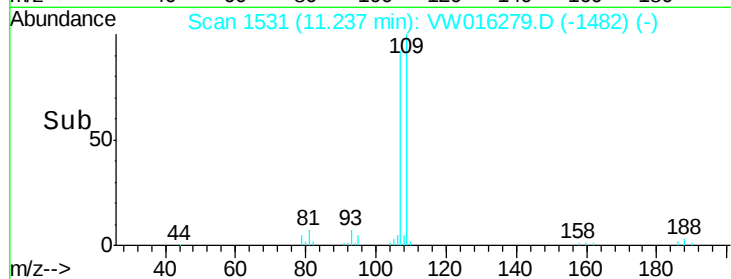
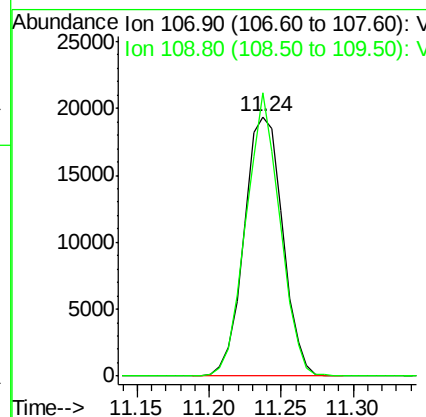
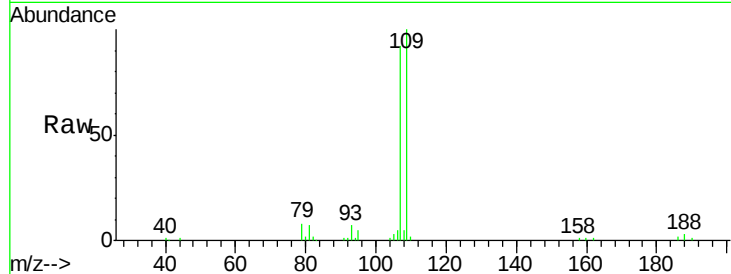
#61
 1,2-Dibromoethane
 Concen: 21.078 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	74.7	112.1

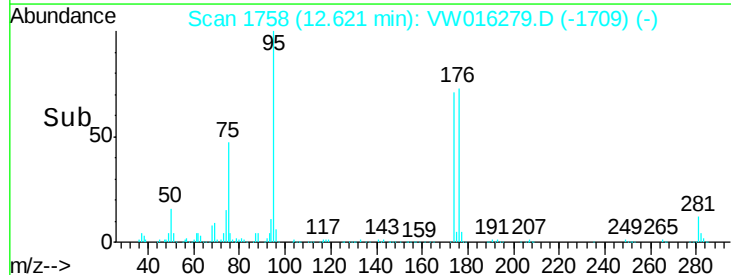
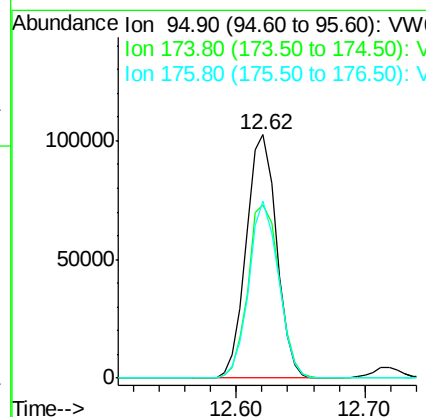
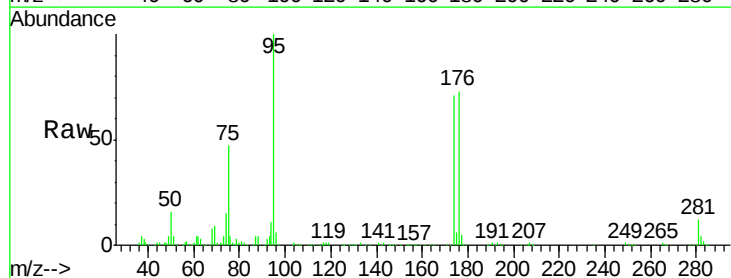
Manual Integrations
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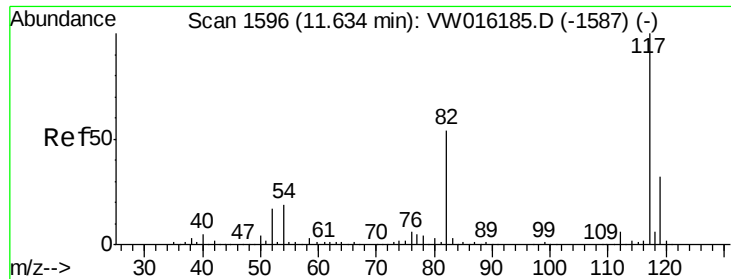
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#62
 4-Bromofluorobenzene
 Concen: 54.317 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	145.6
176	71.1	0.0	137.8





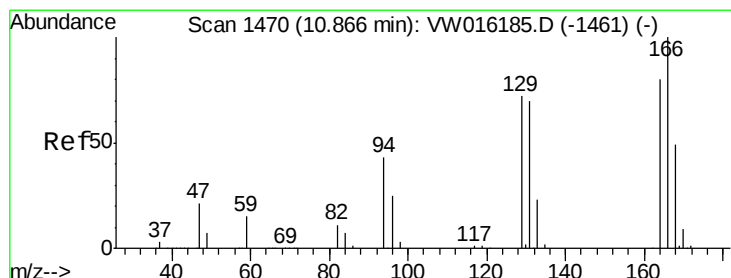
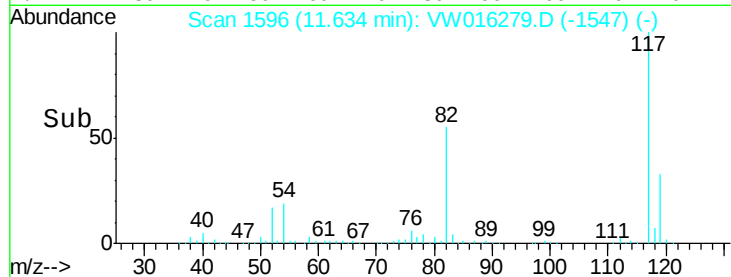
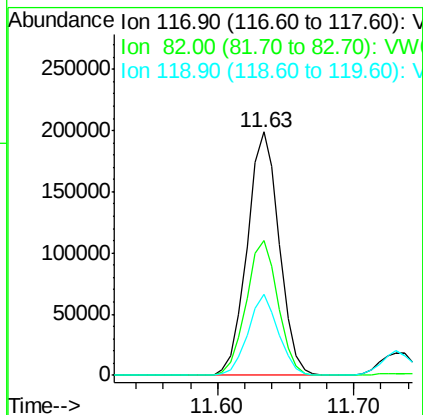
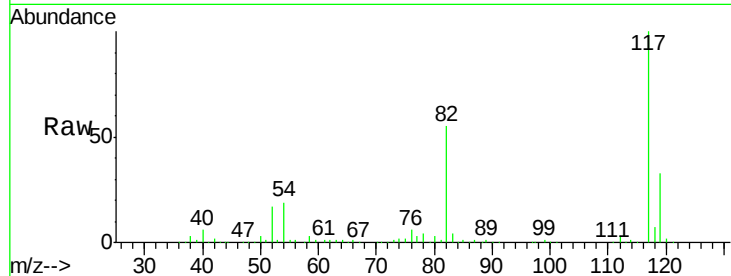
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	327525		
82	55.2	43.6	65.4	
119	33.1	25.4	38.0	

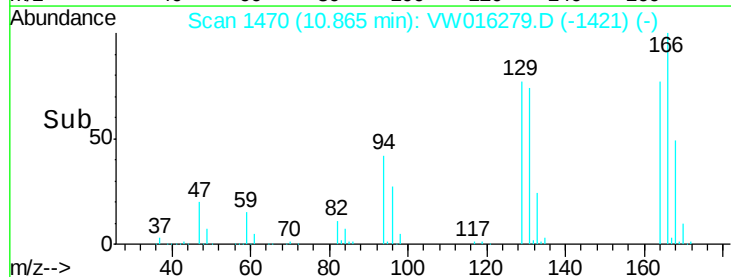
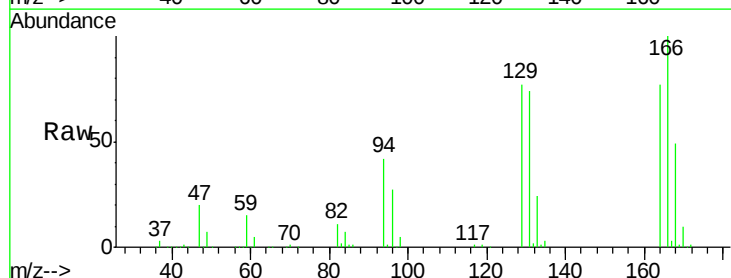
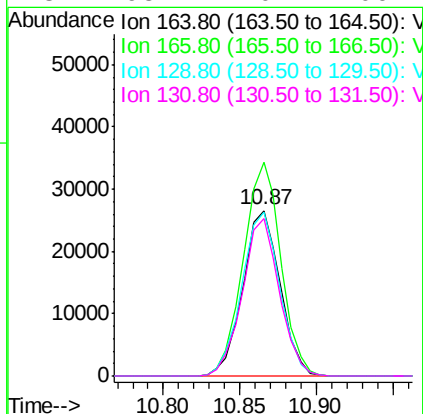
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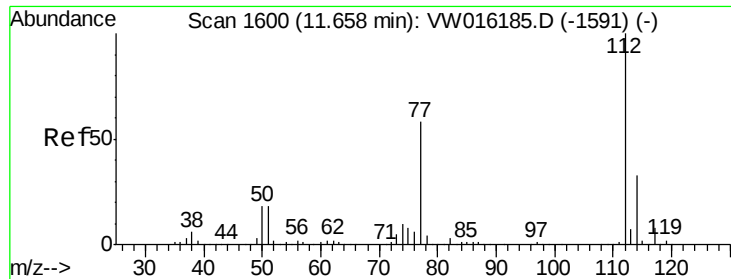
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#64
Tetrachloroethene
Concen: 20.892 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44898		
166	129.3	100.3	150.5	
129	99.2	72.2	108.4	
131	95.4	70.7	106.1	





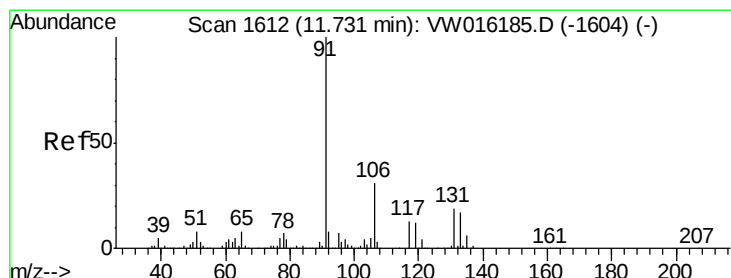
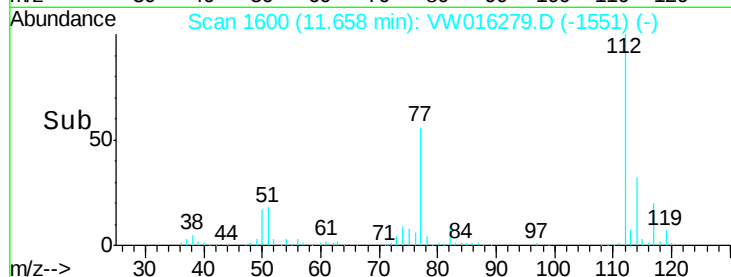
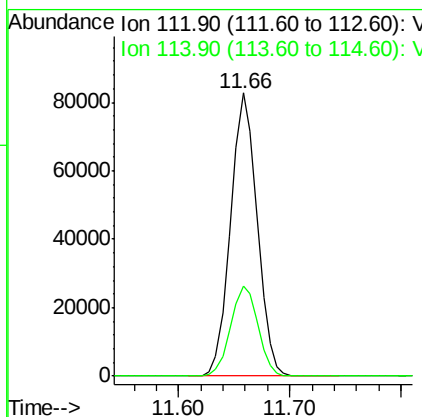
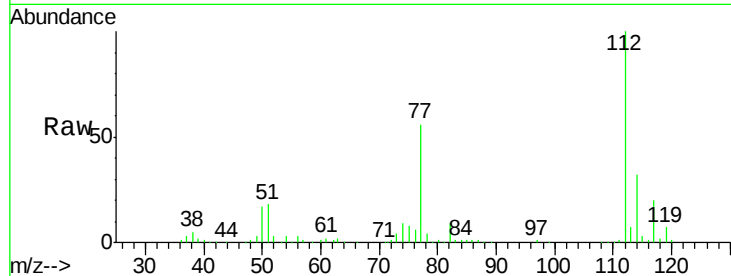
#65
Chlorobenzene
Concen: 20.363 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion:112 Resp: 136696
Ion Ratio Lower Upper
112 100
114 32.0 26.6 39.8

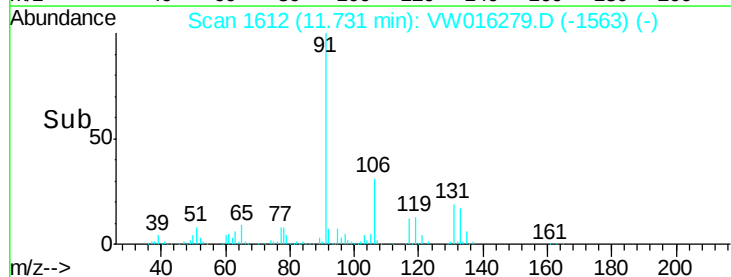
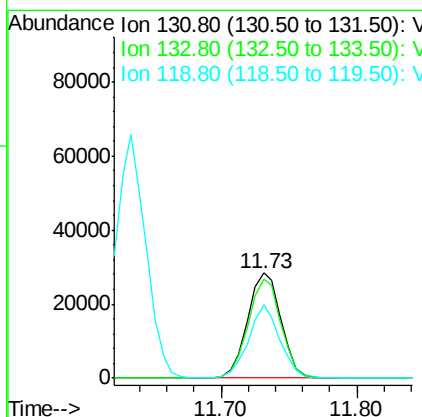
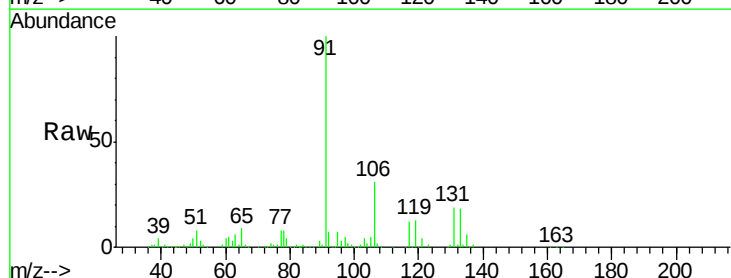
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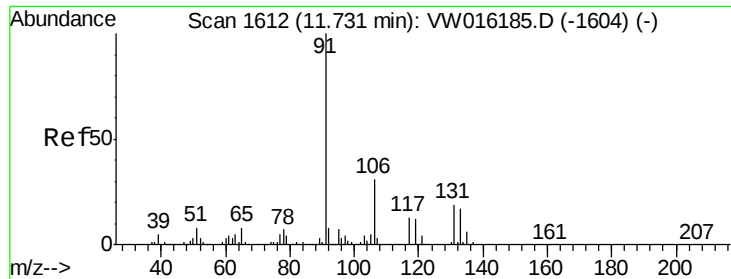
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.874 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion:131 Resp: 48980
Ion Ratio Lower Upper
131 100
133 92.9 47.1 141.3
119 64.8 33.1 99.3





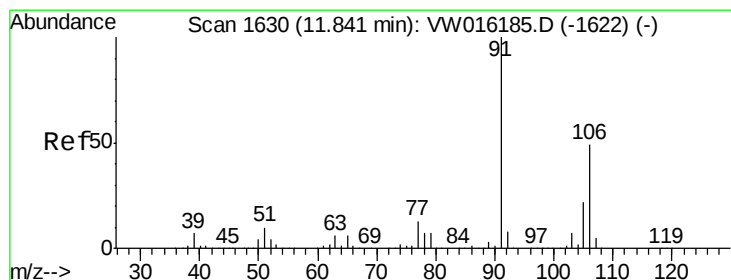
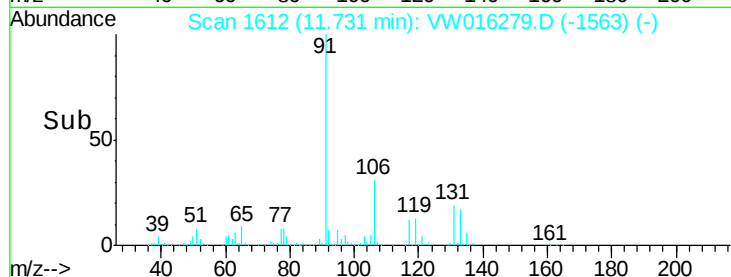
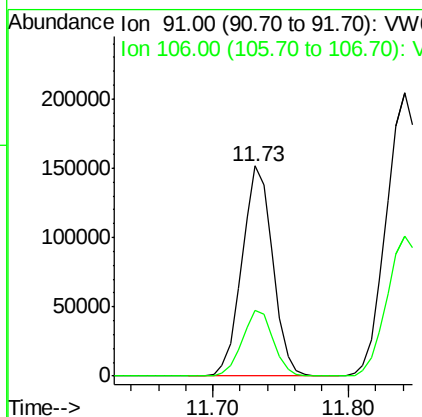
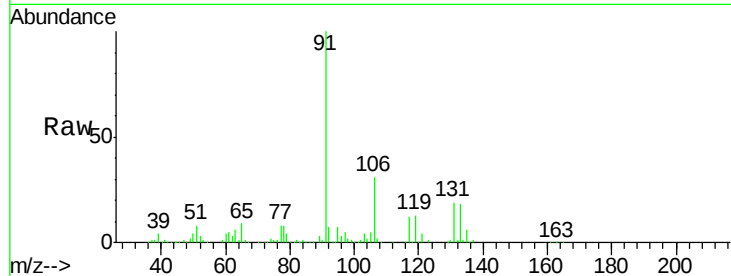
#67
Ethyl Benzene
Concen: 19.861 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion: 91 Resp: 239616
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

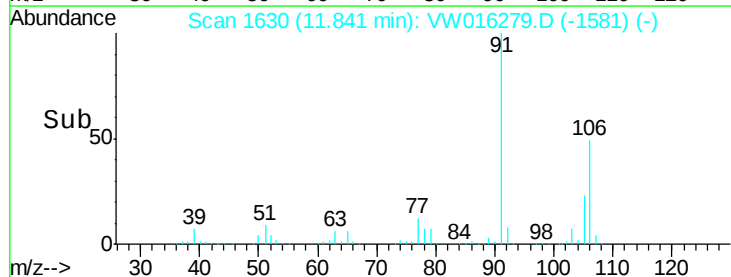
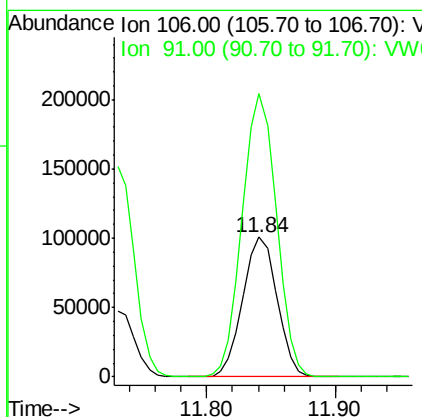
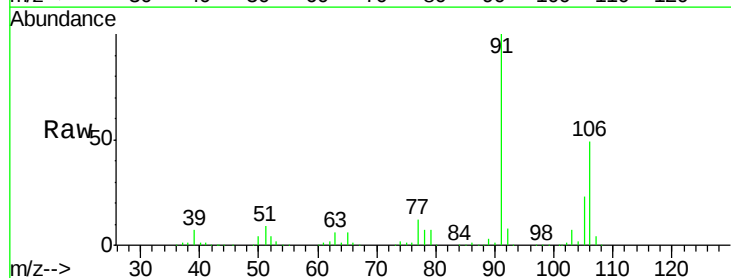
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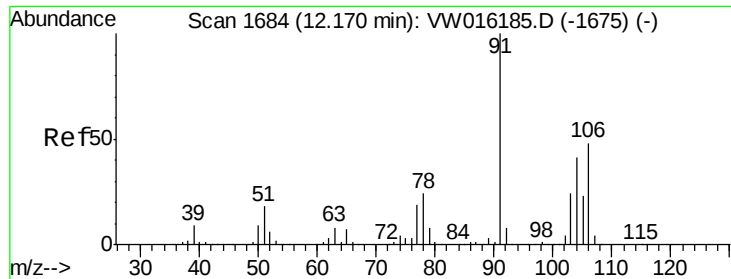
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#68
m/p-Xylenes
Concen: 40.267 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion: 106 Resp: 186734
Ion Ratio Lower Upper
106 100
91 201.9 161.4 242.2





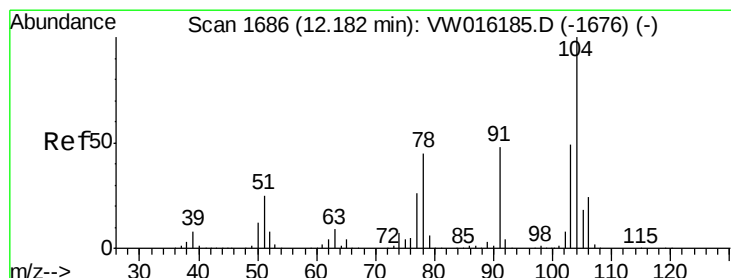
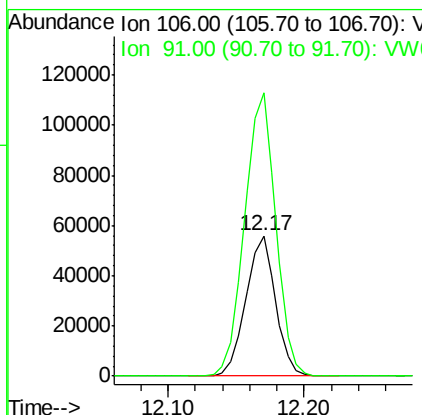
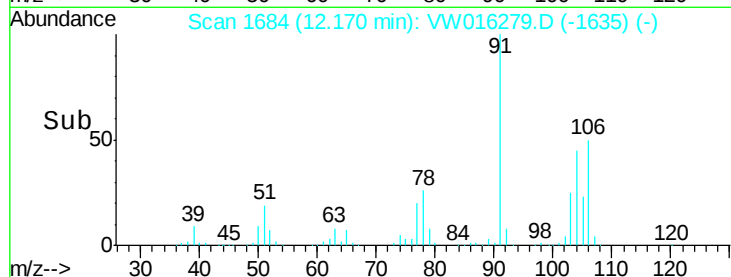
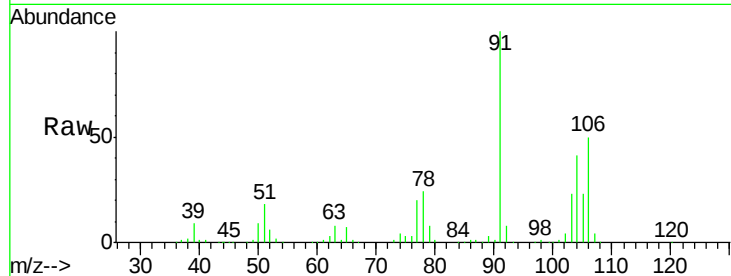
#69
o-Xylene
Concen: 20.762 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tot Ion:106 Resp: 85775
Ion Ratio Lower Upper
106 100
91 210.9 106.0 317.9

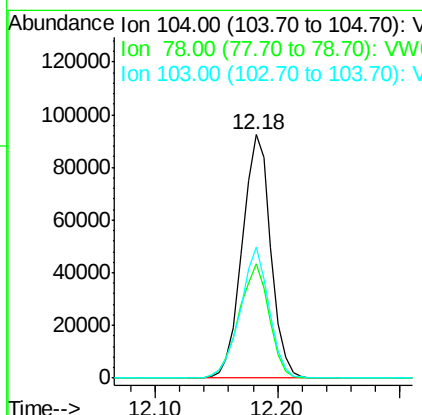
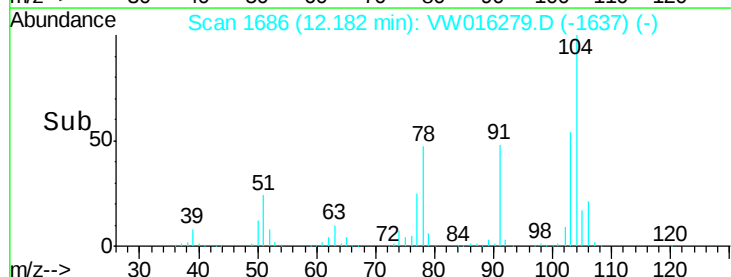
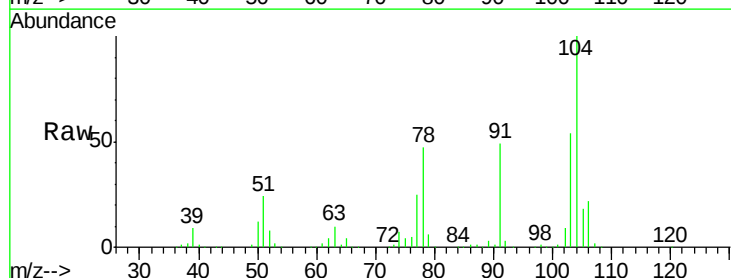
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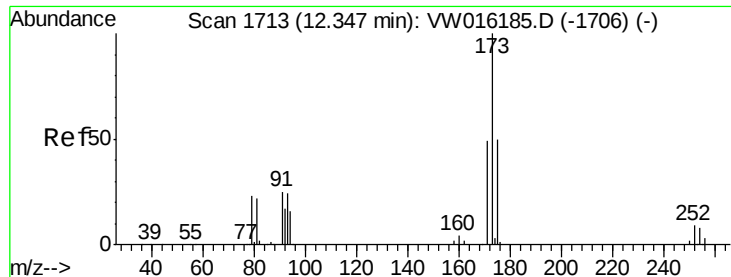
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#70
Styrene
Concen: 20.910 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion:104 Resp: 149486
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.2
103 54.1 42.9 64.3





#71

Bromoform

Concen: 22.864 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

Tot Ion:173 Resp: 24011

Ion Ratio Lower Upper

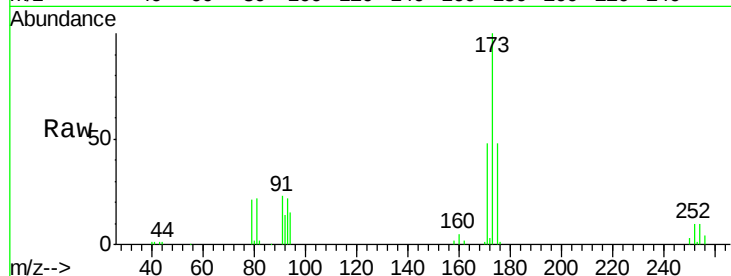
173 100

175 48.5 24.7 74.1

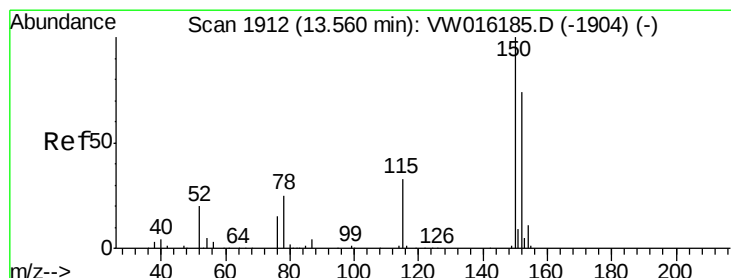
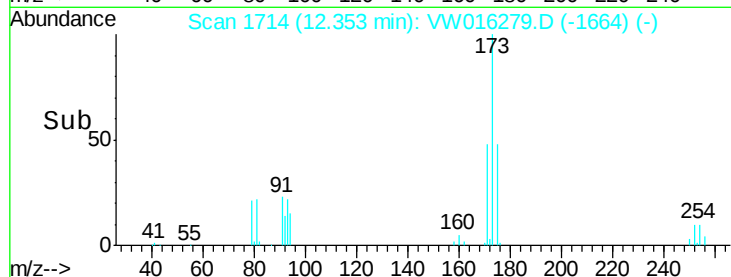
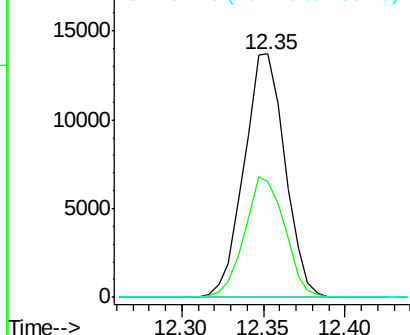
254 0.0 0.0 0.0

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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: VW016279.D

Acq: 20 Aug 2020 23:29

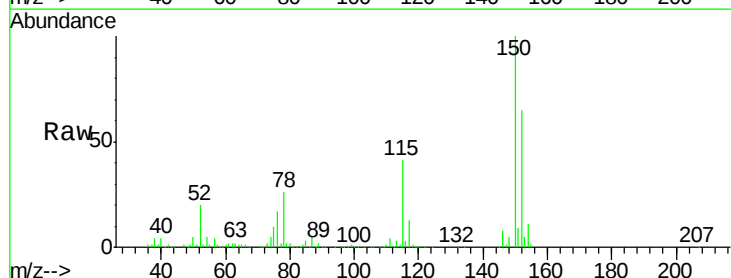
Tgt Ion:152 Resp: 159483

Ion Ratio Lower Upper

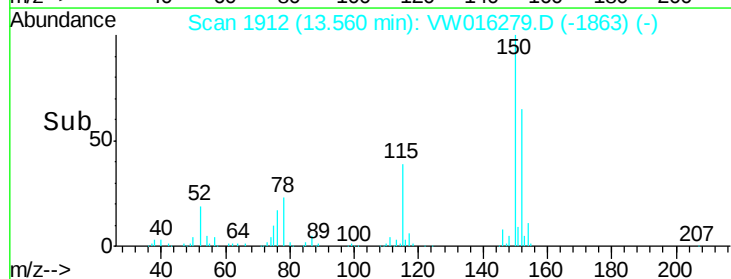
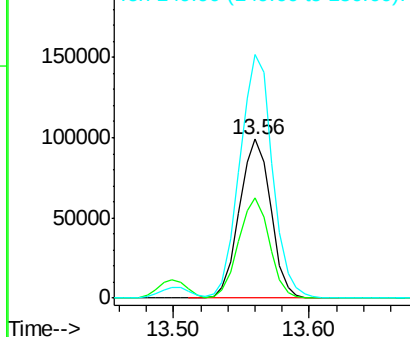
152 100

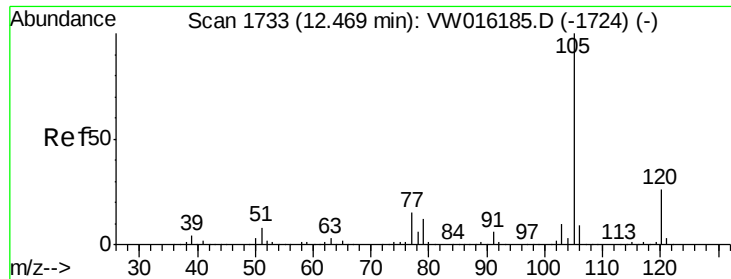
115 62.2 30.9 92.5

150 159.8 0.0 337.8



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





#73

Isopropylbenzene

Concen: 19.438 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

Tot Ion: 105 Resp: 236235

Ion Ratio Lower Upper

105 100

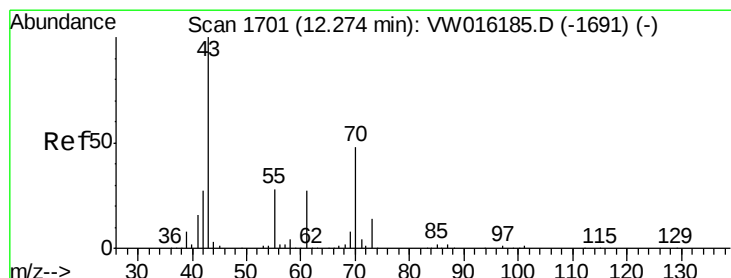
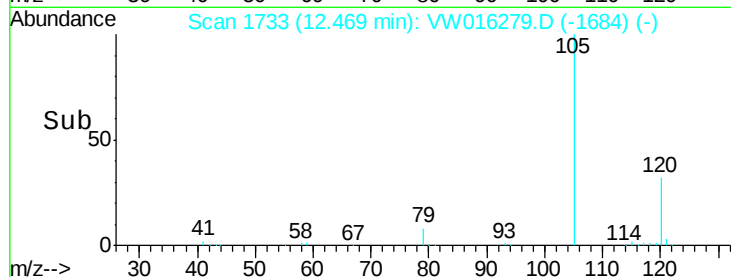
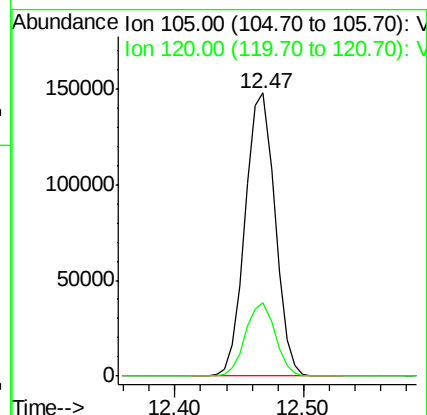
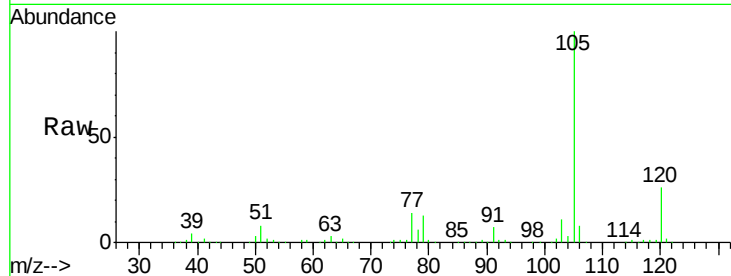
120 25.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 20.077 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion: 43 Resp: 43697

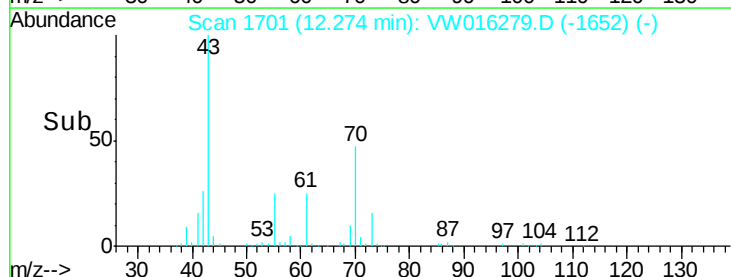
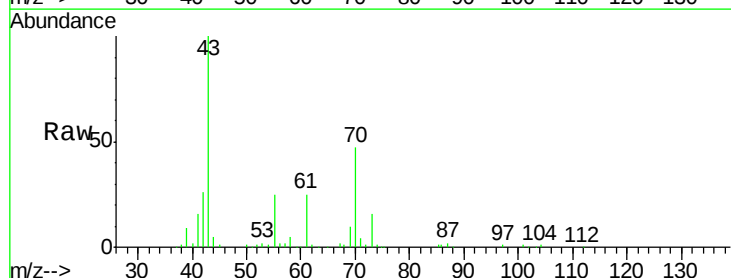
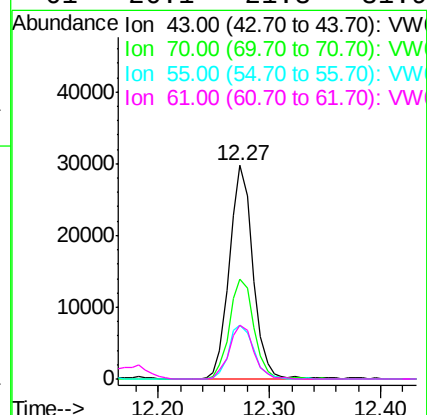
Ion Ratio Lower Upper

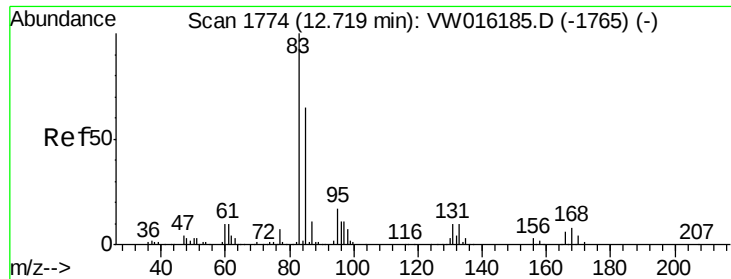
43 100

70 48.7 38.6 58.0

55 26.6 22.2 33.2

61 26.1 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.020 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

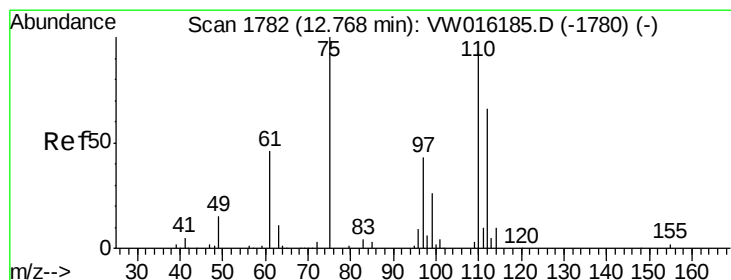
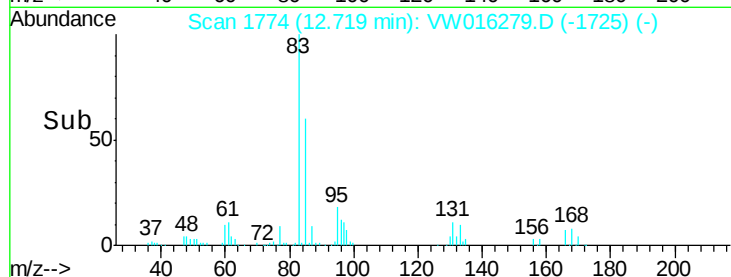
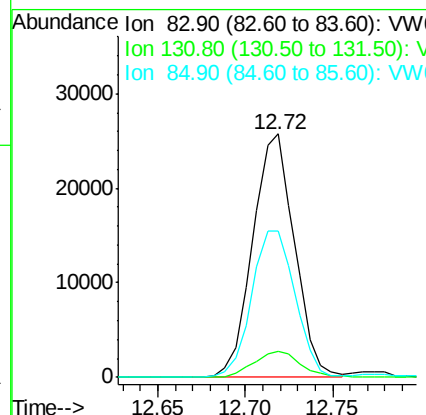
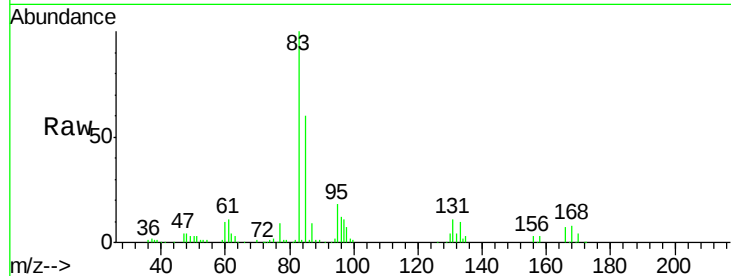
ClientSampled :

VW0821SBSD01

Tot Ion:	83	Resp:	42745
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.6	16.8
85	62.8	31.3	93.9

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#76

1,2,3-Trichloropropane

Concen: 20.602 ug/l m

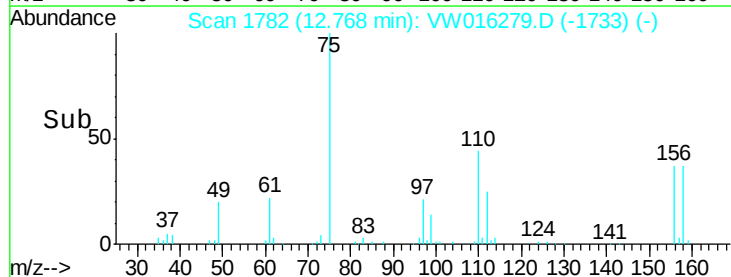
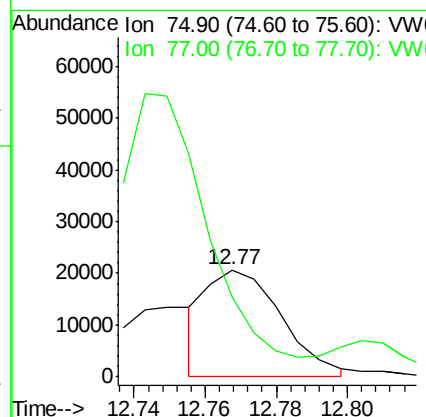
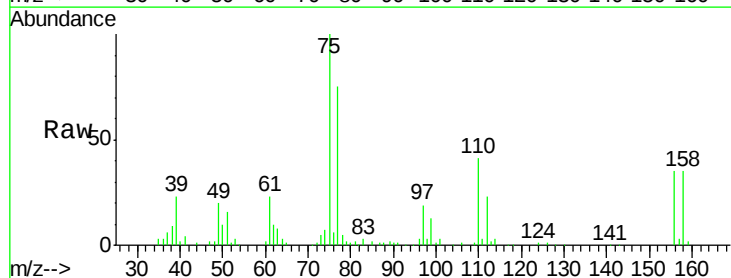
RT: 12.77 min Scan# 1782

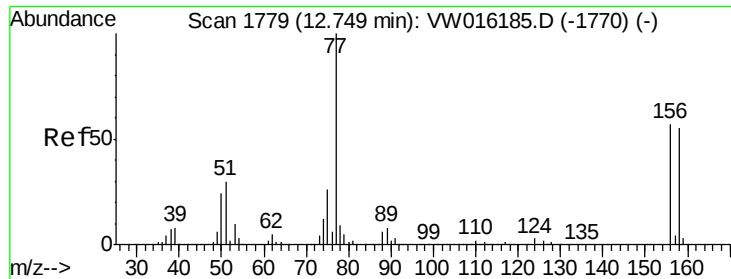
Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion:	75	Resp:	30218
Ion Ratio	Lower	Upper	
75	100		
77	0.0	173.6	520.6#





#77

Bromobenzene

Concen: 20.280 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

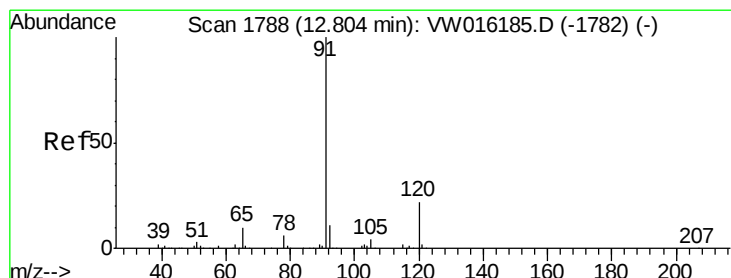
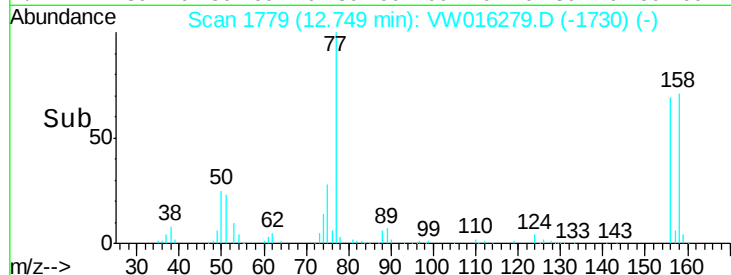
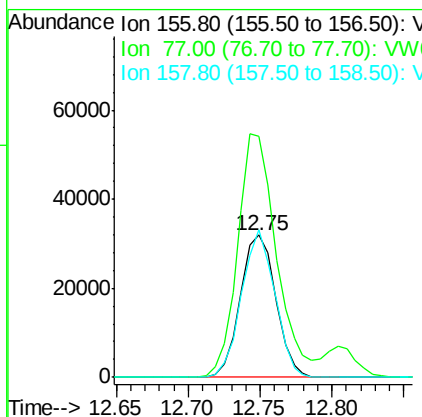
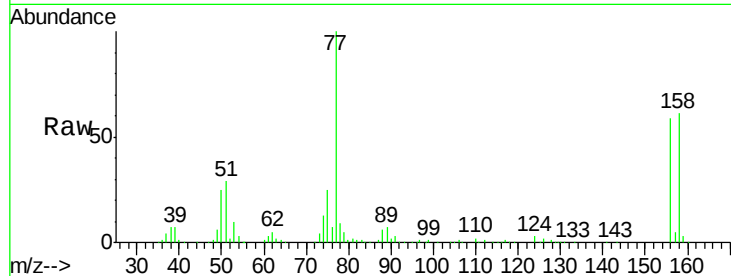
ClientSampleId :

VW0821SBSD01

Tot Ion:	156	Resp:	54514
Ion	Ratio	Lower	Upper
156	100		
77	186.7	97.9	293.6
158	97.4	49.0	147.2

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#78

n-propylbenzene

Concen: 19.176 ug/l

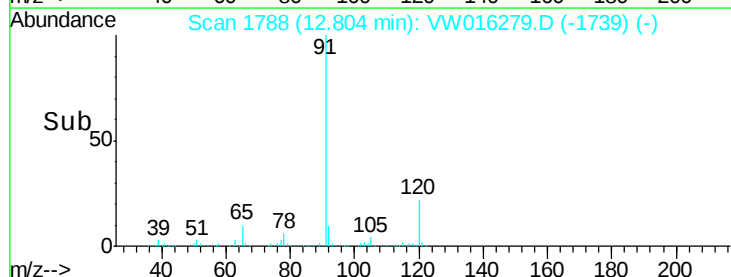
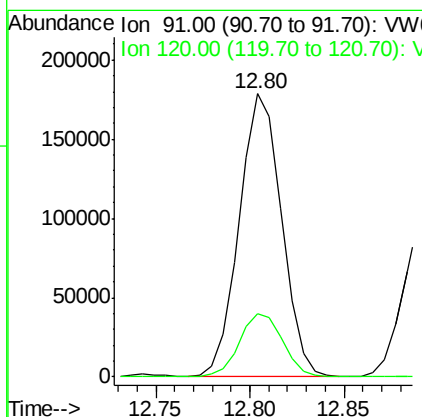
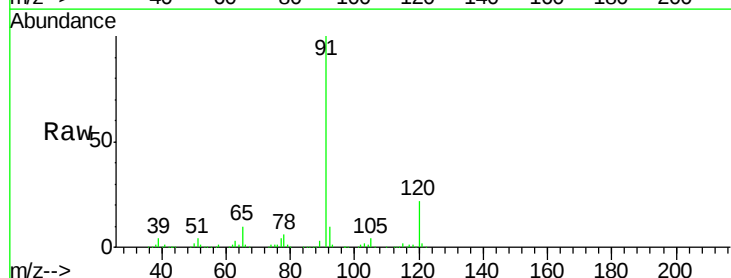
RT: 12.80 min Scan# 1788

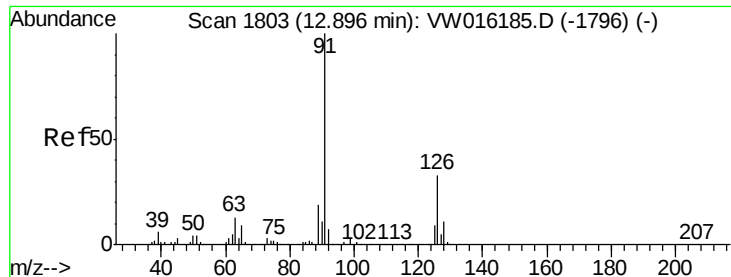
Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion:	91	Resp:	278170
Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.6	34.7





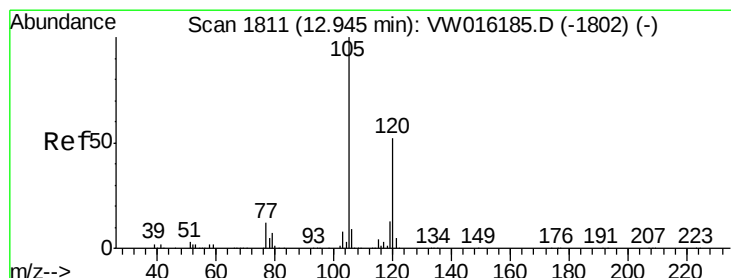
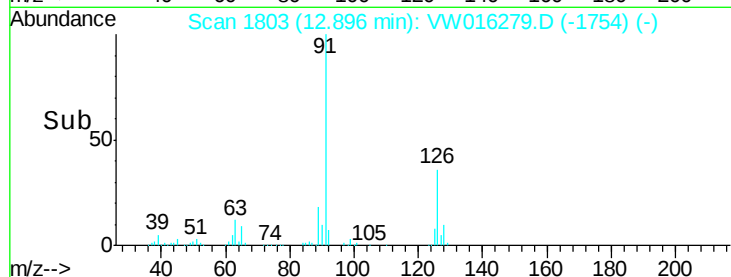
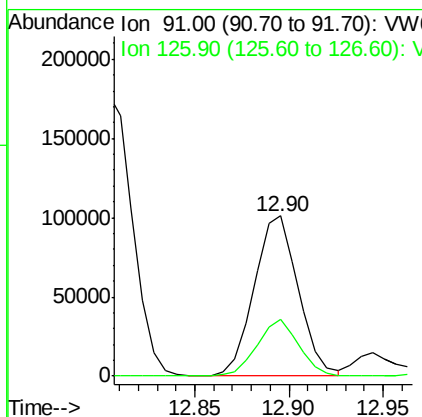
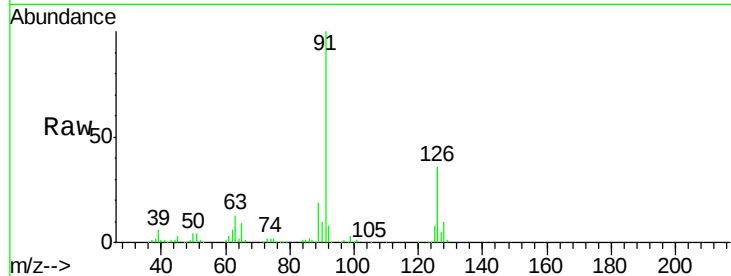
#79
 2-Chlorotoluene
 Concen: 19.592 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.4	49.2

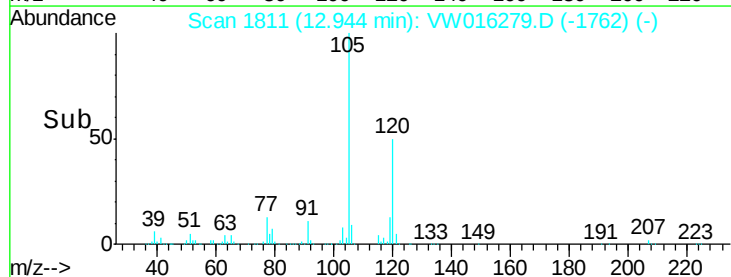
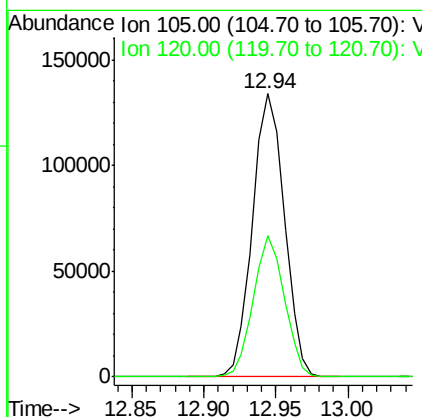
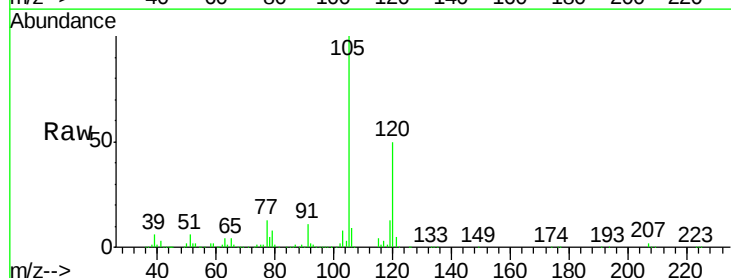
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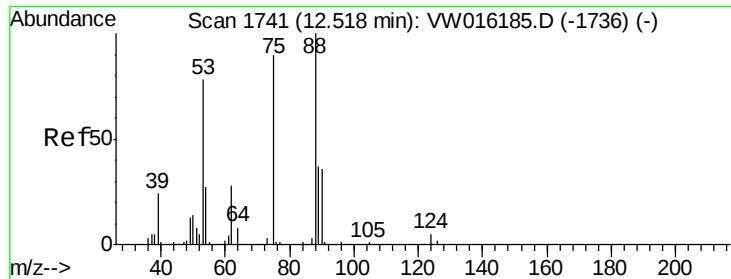
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.622 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.6	25.1	75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.809 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

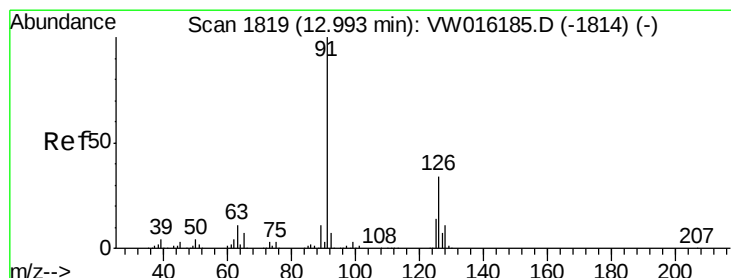
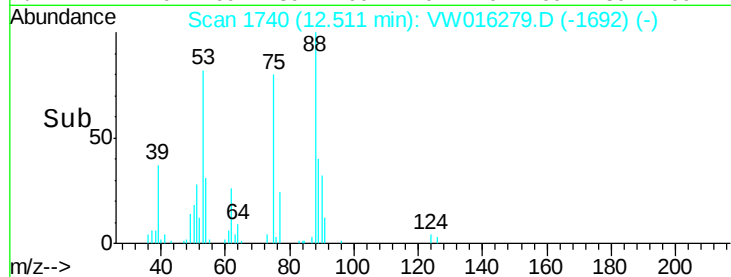
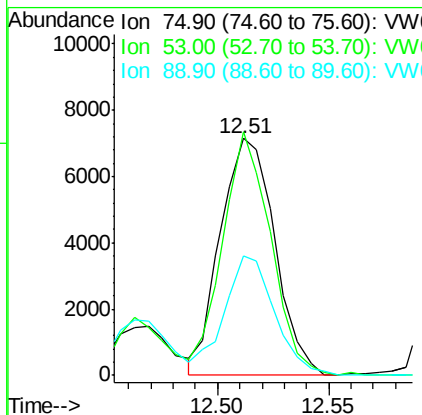
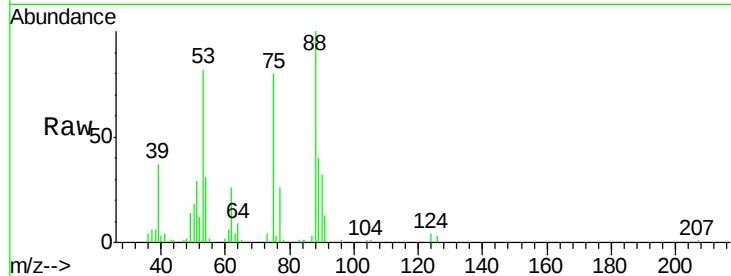
ClientSampleId :

VW0821SBS01

Tot Ion:	75	Resp:	12113
Ion	Ratio	Lower	Upper
75	100		
53	91.3	74.6	111.8
89	47.1	37.2	55.8

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#82

4-Chlorotoluene

Concen: 19.551 ug/l

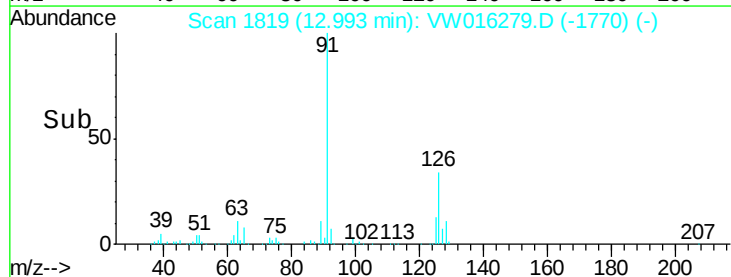
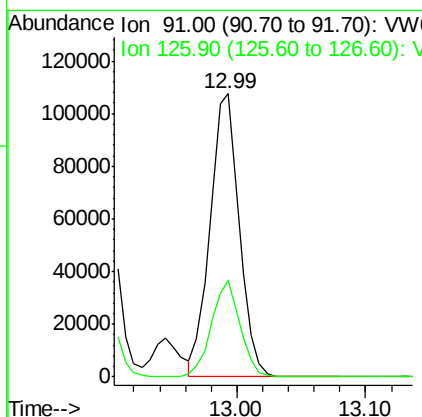
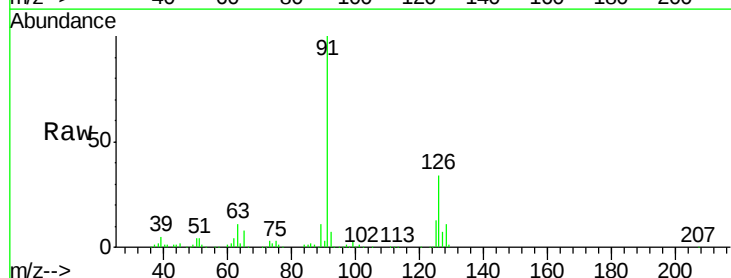
RT: 12.99 min Scan# 1819

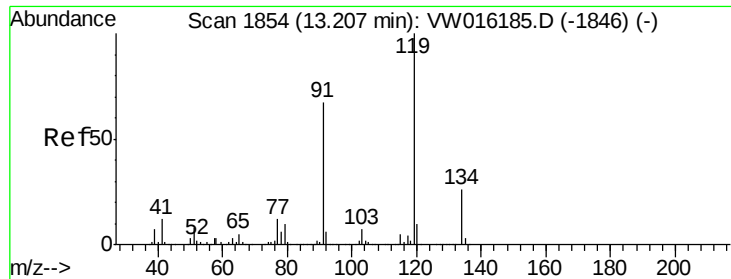
Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion:	91	Resp:	170556
Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.6	49.8





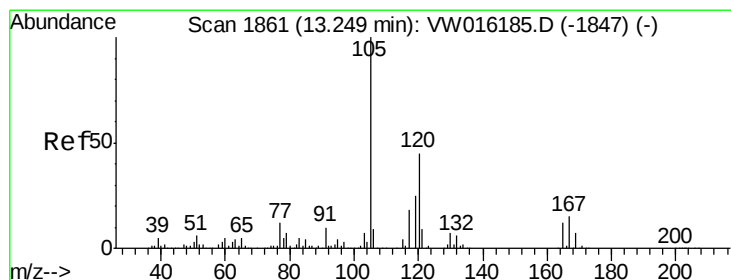
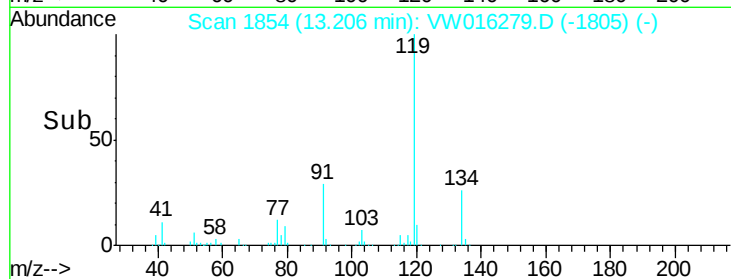
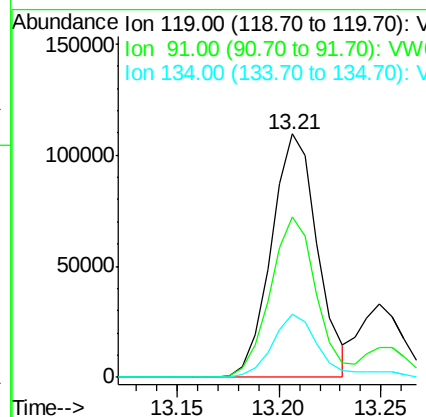
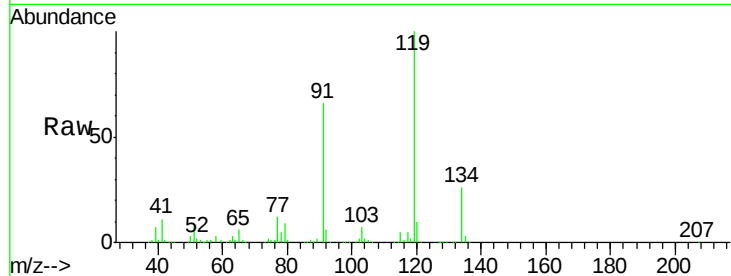
#83
 tert-Butylbenzene
 Concen: 20.189 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	172619		
91	66.3	33.3	99.9	
134	25.3	13.5	40.5	

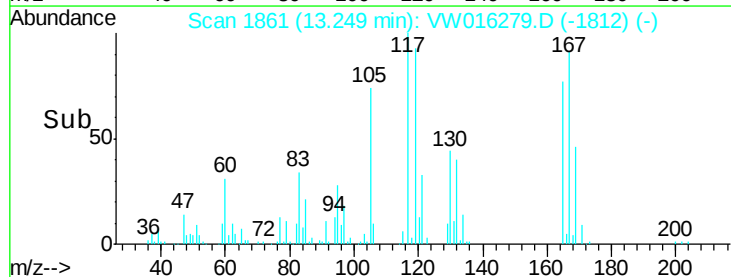
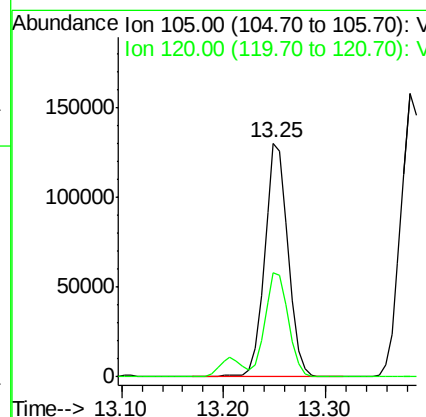
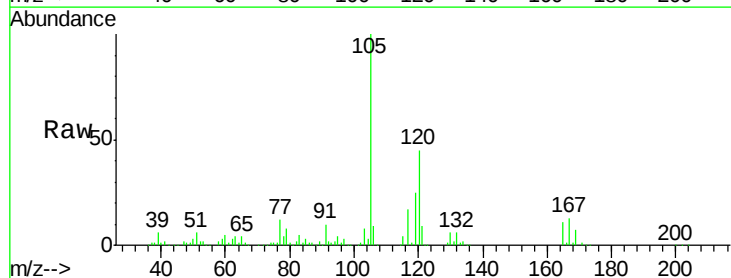
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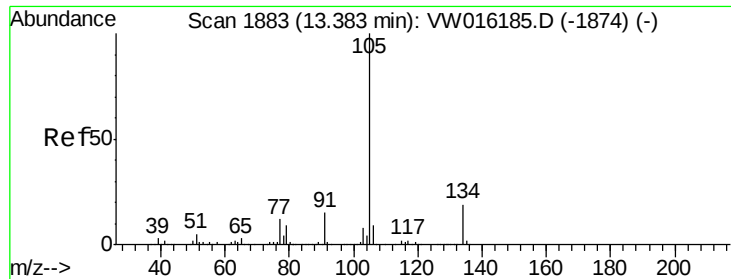
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.030 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206776		
120	44.9	22.2	66.6	





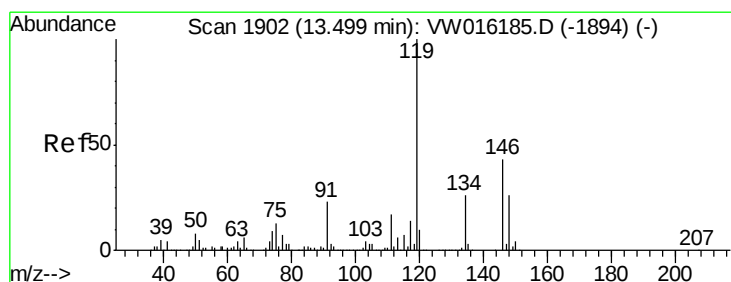
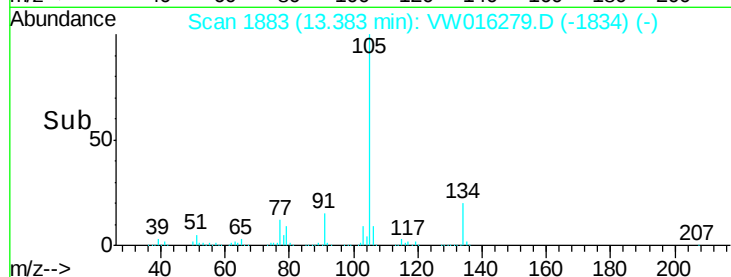
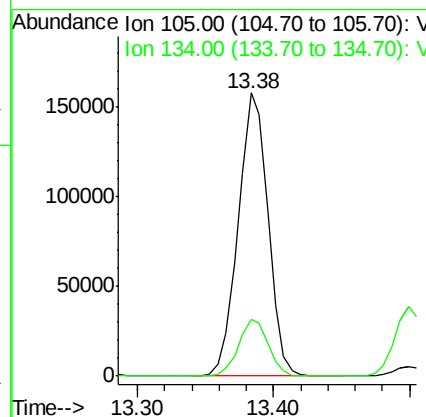
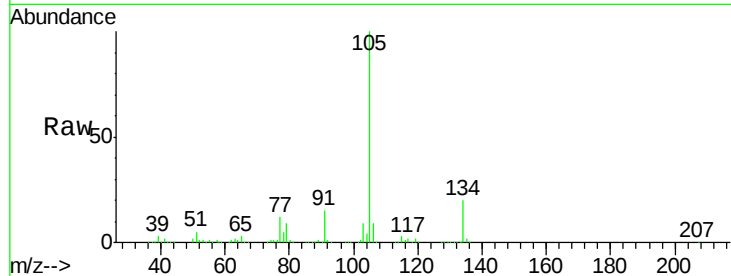
#85
 sec-Butylbenzene
 Concen: 19.362 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	240605		
134	20.0	9.8	29.4	

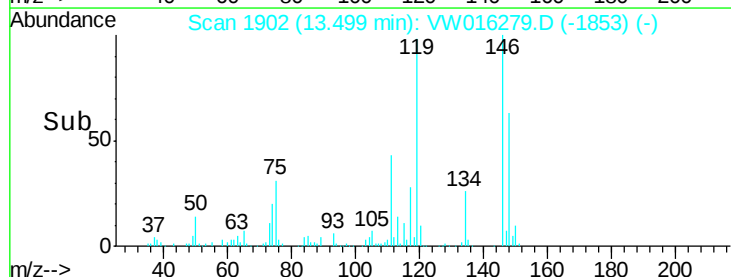
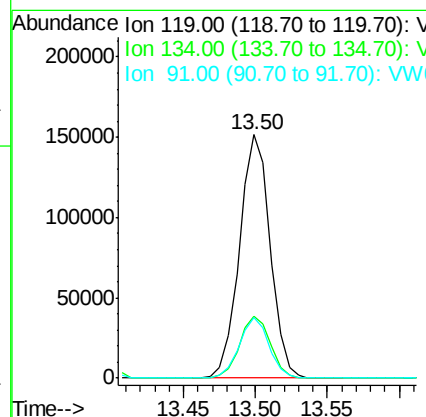
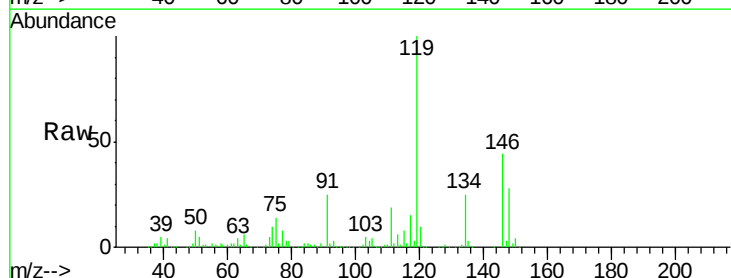
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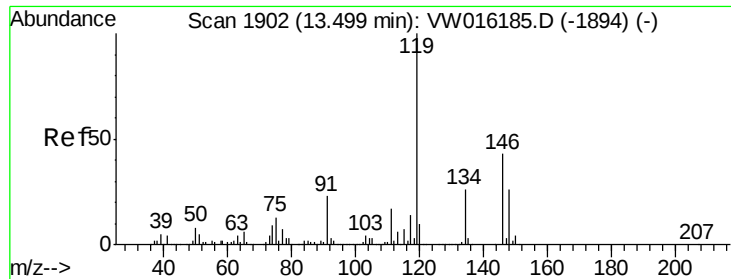
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#86
 p-Isopropyltoluene
 Concen: 19.916 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	223846		
134	25.6	12.8	38.4	
91	24.1	11.8	35.3	





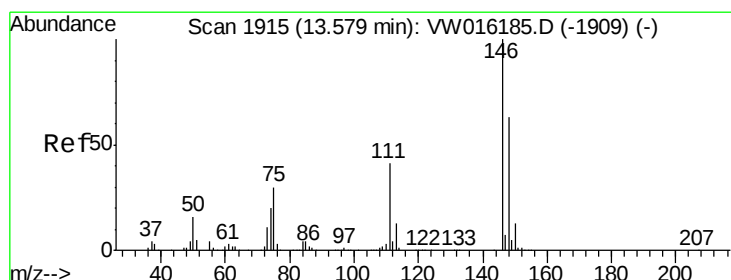
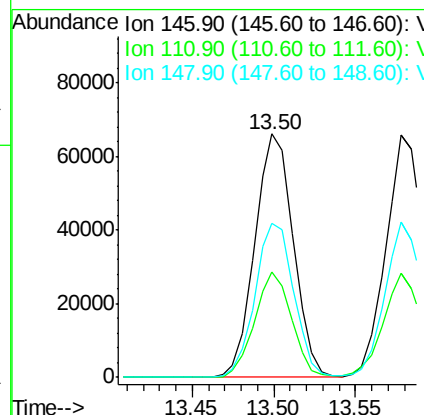
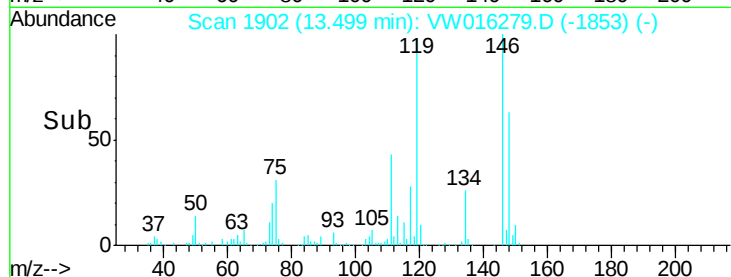
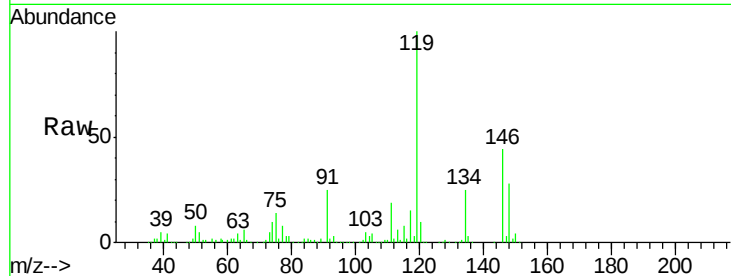
#87
 1,3-Dichlorobenzene
 Concen: 20.167 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.7	20.8	62.5	
148	63.7	31.1	93.5	

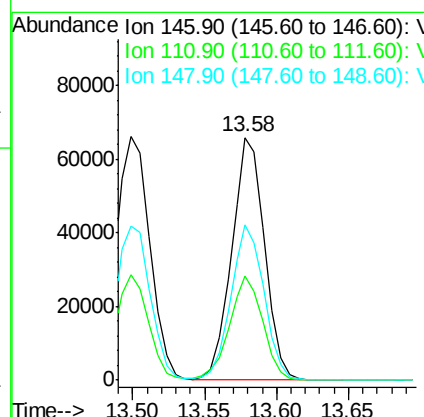
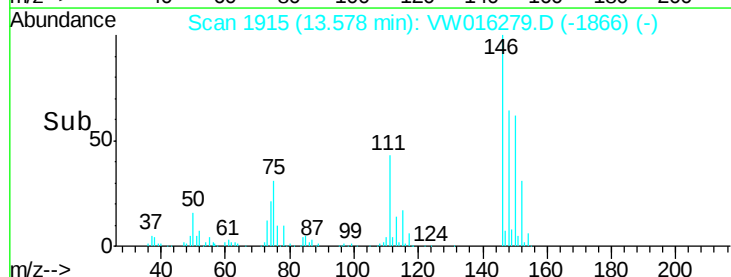
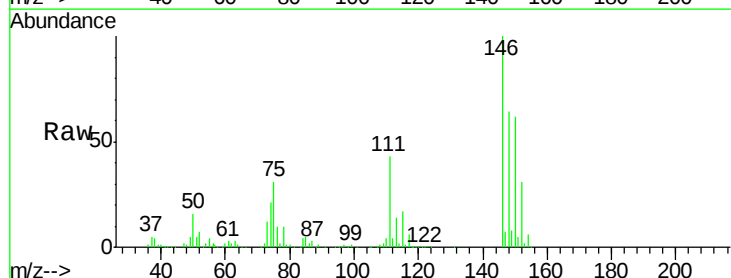
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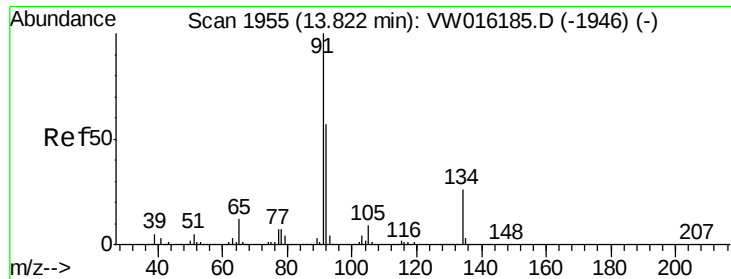
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#88
 1,4-Dichlorobenzene
 Concen: 19.798 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	43.6	20.8	62.2	
148	64.7	32.1	96.3	





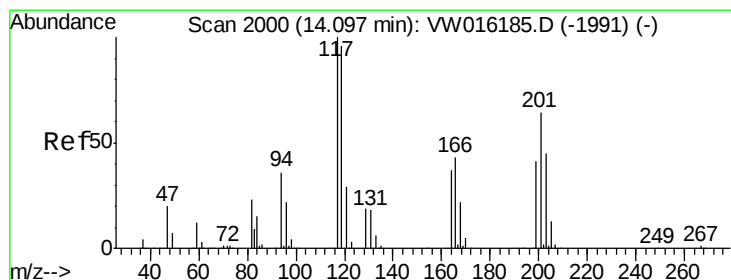
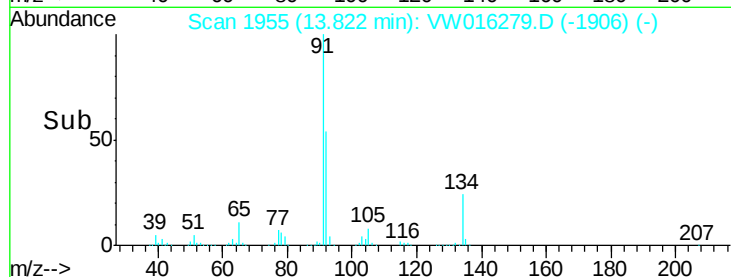
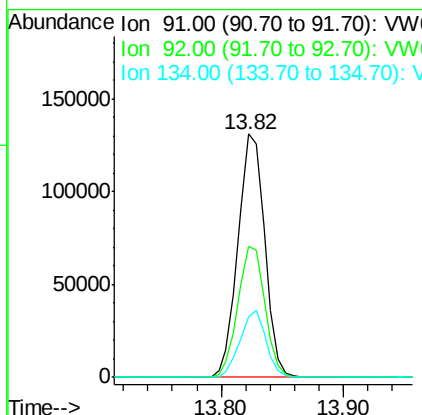
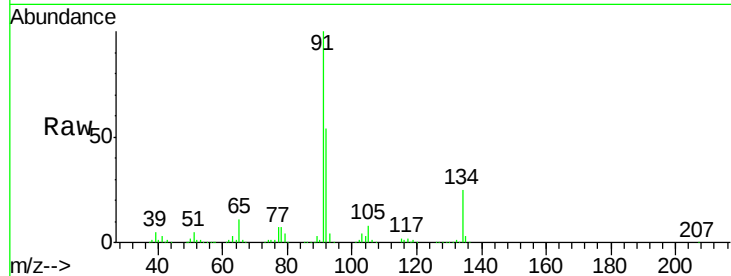
#89
n-Butylbenzene
Concen: 19.105 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	198652		
92	54.5		27.4	82.2
134	26.6		13.0	39.0

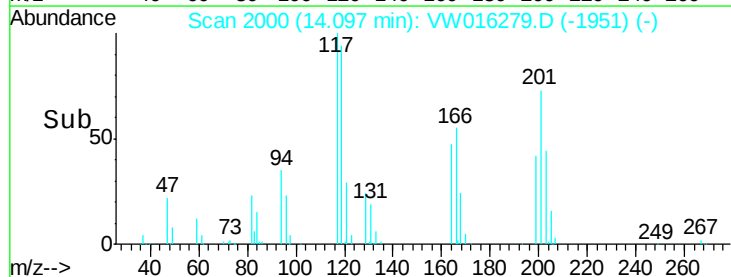
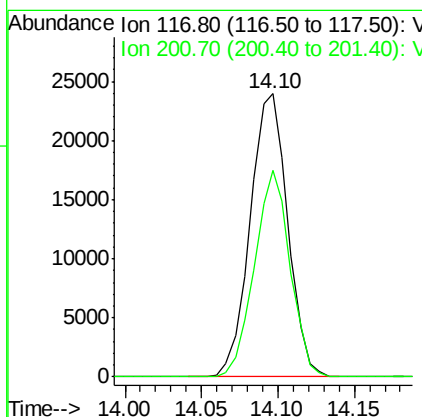
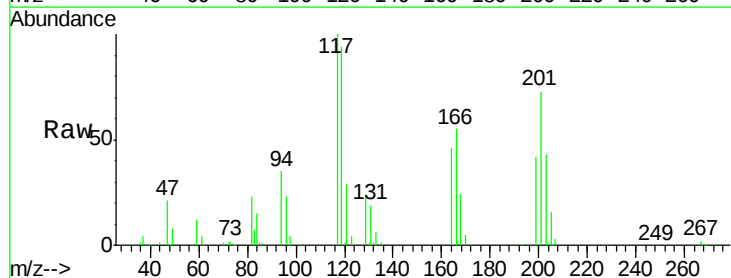
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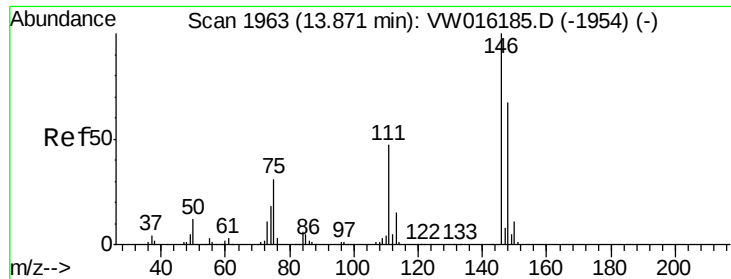
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#90
Hexachloroethane
Concen: 19.484 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40868		
201	69.2		33.8	101.3





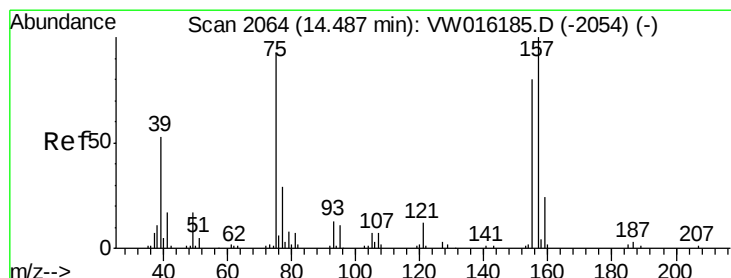
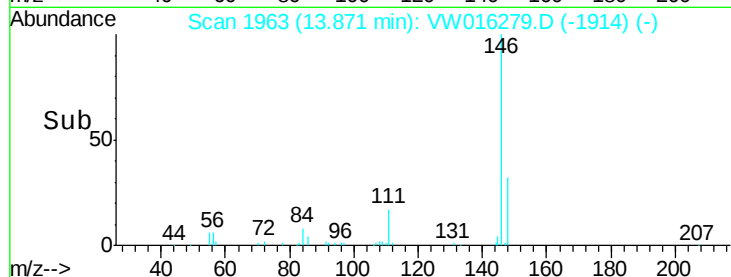
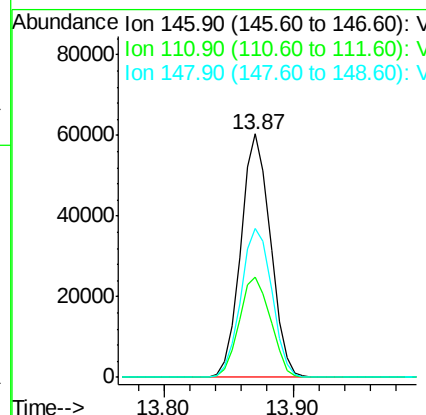
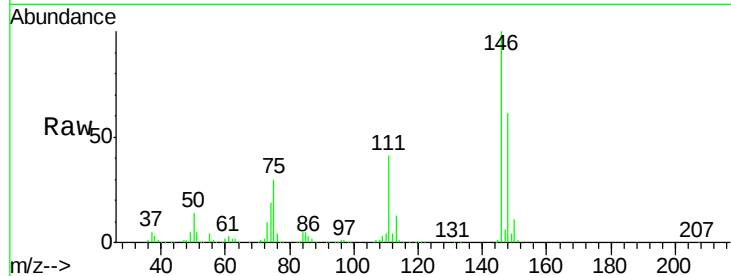
#91
 1,2-Dichlorobenzene
 Concen: 20.517 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.9	65.8
148	63.8	32.1	96.3

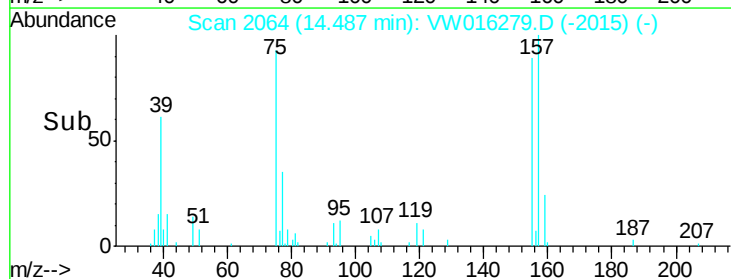
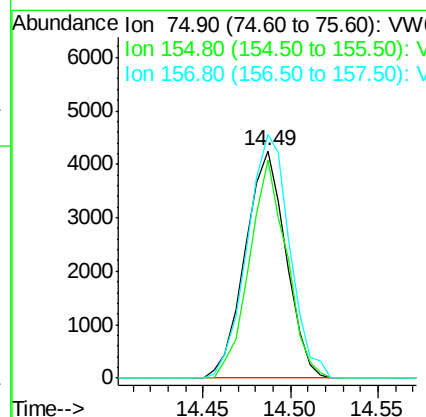
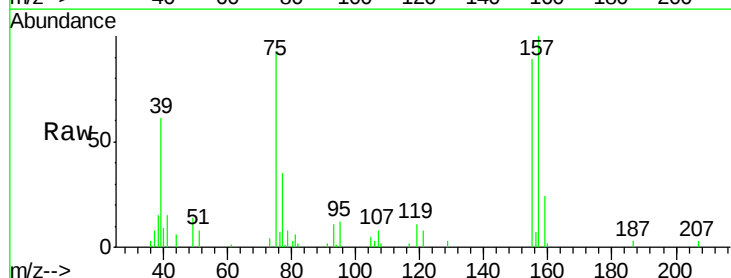
Manual Integrations
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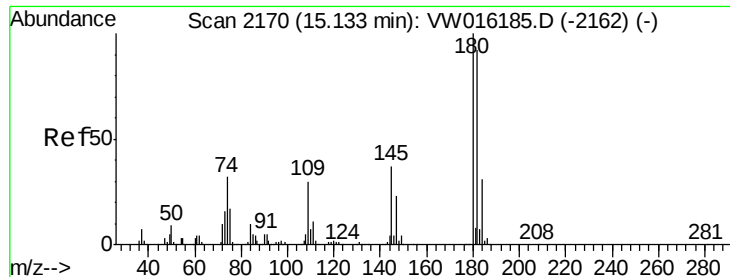
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.983 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	41.3	124.1
157	112.1	53.0	159.0





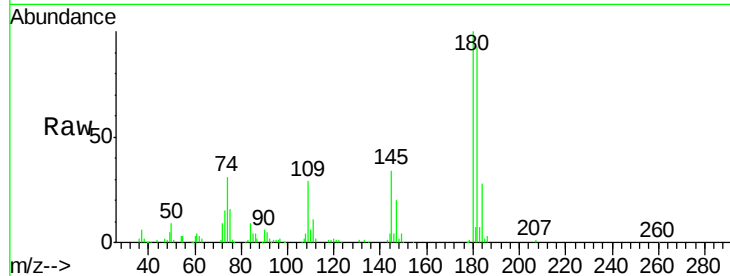
#93
 1,2,4-Trichlorobenzene
 Concen: 21.108 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	59078		
182	95.6	46.0	138.0	
145	33.6	16.9	50.7	

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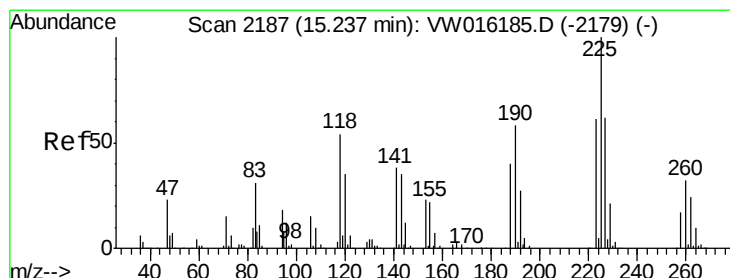
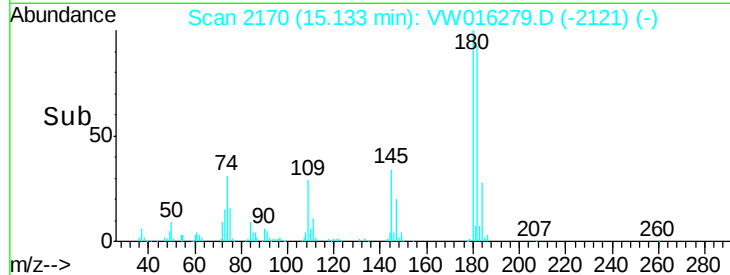
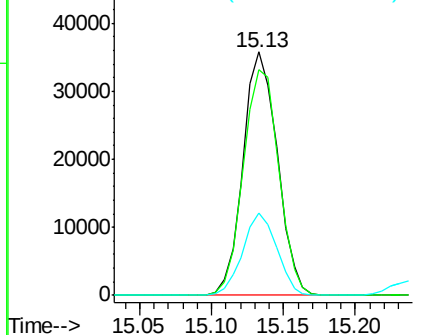


Abundance

Ion 179.80 (179.50 to 180.50): V

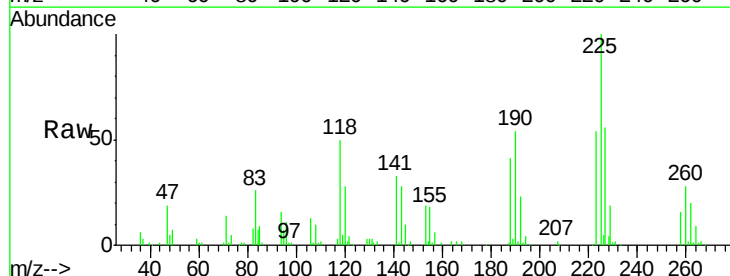
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.846 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33023		
223	65.8	33.0	99.0	
227	64.5	32.0	96.2	

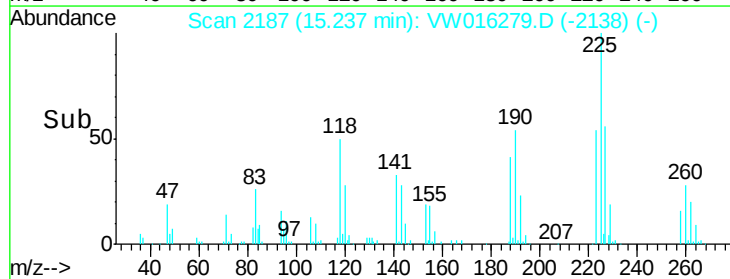
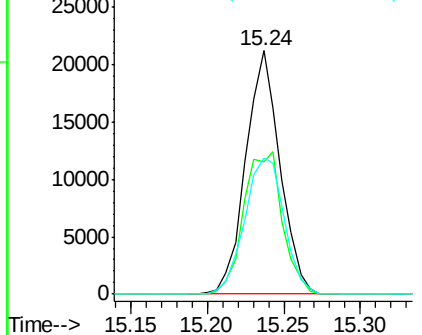


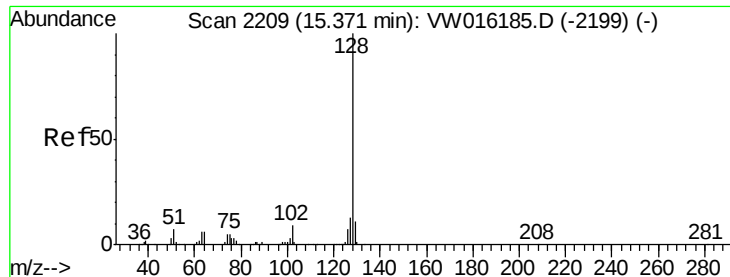
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





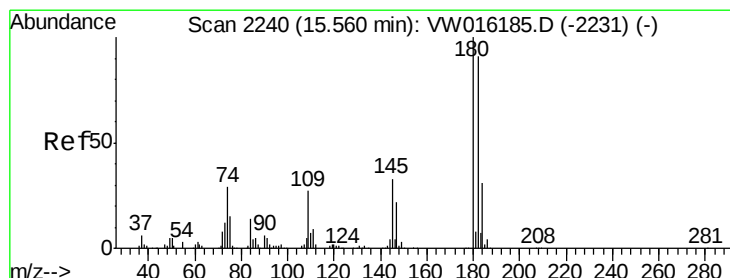
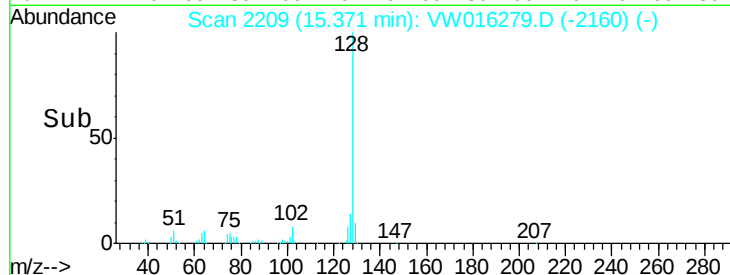
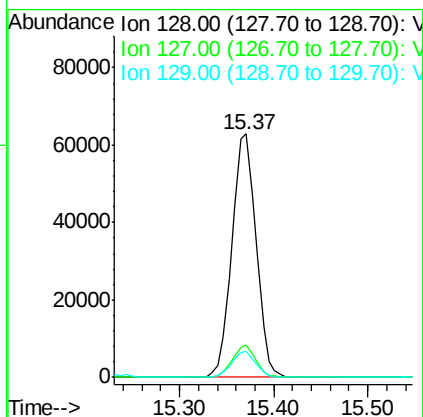
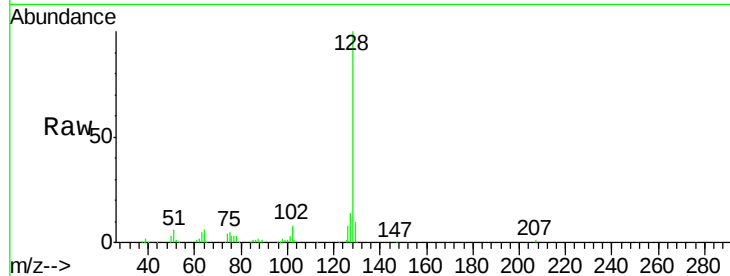
#95
Naphthalene
Concen: 21.401 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.5	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.798 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	47.7	143.1
145	35.2	17.4	52.3

