

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007082.D
 Acq On : 27 Nov 2018 12:36
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/28/2018 11:45:13 AM

Quant Time: Nov 28 00:39:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	167625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75423	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53807	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	7.88	113	50400	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
50) Toluene-d8	10.33	98	224842	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.62	95	84570	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	53314	49.00	ug/l	98
3) Chloromethane	2.21	50	46046	50.78	ug/l	97
4) Vinyl Chloride	2.36	62	45754	51.29	ug/l	100
5) Bromomethane	2.78	94	27369	57.48	ug/l	90
6) Chloroethane	2.92	64	25713	52.29	ug/l	97
7) Trichlorofluoromethane	3.26	101	87929	50.12	ug/l	100
8) Diethyl Ether	3.69	74	27086	47.92	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	55466	48.77	ug/l	99
10) Methyl Iodide	4.28	142	62592	48.08	ug/l	98
11) Tert butyl alcohol	5.18	59	16913	240.81	ug/l	99
12) 1,1-Dichloroethene	4.04	96	49695	49.82	ug/l	97
13) Acrolein	3.90	56	16695	231.47	ug/l	99
14) Allyl chloride	4.68	41	81667	49.36	ug/l	100
15) Acrylonitrile	5.37	53	53868	253.55	ug/l	99
16) Acetone	4.14	43	39022	249.12	ug/l	100
17) Carbon Disulfide	4.39	76	160967	49.92	ug/l	99
18) Methyl Acetate	4.68	43	26112	46.81	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	127023	48.77	ug/l	97
20) Methylene Chloride	4.92	84	58831	46.78	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	57241	49.26	ug/l	97
22) Diisopropyl ether	6.31	45	155345	48.24	ug/l	98
23) Vinyl Acetate	6.26	43	431660	252.43	ug/l	100
24) 1,1-Dichloroethane	6.22	63	94172	48.07	ug/l	99
25) 2-Butanone	7.17	43	65612	244.56	ug/l	99
26) 2,2-Dichloropropane	7.17	77	88780	50.40	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60214	48.66	ug/l	99
28) Bromochloromethane	7.51	49	38475	52.55	ug/l	99
29) Tetrahydrofuran	7.53	42	41676	239.86	ug/l	99
30) Chloroform	7.68	83	99472	47.80	ug/l	97
31) Cyclohexane	7.95	56	98247	47.28	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	95075	50.72	ug/l	99
36) 1,1-Dichloropropene	8.09	75	85465	52.17	ug/l	99
37) Ethyl Acetate	7.26	43	29063	48.96	ug/l	98
38) Carbon Tetrachloride	8.07	117	84835	54.08	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104648	51.05	ug/l	99
40) Benzene	8.33	78	228066	51.58	ug/l	99
41) Methacrylonitrile	7.49	41	18783	50.95	ug/l	93
42) 1,2-Dichloroethane	8.40	62	63266	49.28	ug/l	99
43) Isopropyl Acetate	8.43	43	57521	50.85	ug/l	98
44) Trichloroethene	9.09	130	63567	51.28	ug/l	95
45) 1,2-Dichloropropane	9.37	63	55167	50.61	ug/l	98
46) Dibromomethane	9.46	93	27308	50.03	ug/l	98
47) Bromodichloromethane	9.65	83	70491	49.02	ug/l	98
48) Methyl methacrylate	9.44	41	27096	49.68	ug/l	96
49) 1,4-Dioxane	9.46	88	9166	1129.81	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	135254	236.61	ug/l	97
52) Toluene	10.39	92	159622	53.05	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	71982	51.67	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	85034	50.52	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	39640	49.36	ug/l	98
56) Ethyl methacrylate	10.65	69	48797	52.35	ug/l	100
57) 1,3-Dichloropropane	10.93	76	67030	49.81	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	113461	232.92	ug/l	99
59) 2-Hexanone	10.97	43	97558	249.22	ug/l	97
60) Dibromochloromethane	11.13	129	46550	50.87	ug/l	97
61) 1,2-Dibromoethane	11.24	107	36818	50.12	ug/l	100
64) Tetrachloroethene	10.87	164	51700	52.90	ug/l	98
65) Chlorobenzene	11.66	112	172342	54.36	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	52446	54.68	ug/l	99
67) Ethyl Benzene	11.74	91	316716	54.38	ug/l	95
68) m/p-Xylenes	11.84	106	245103	107.26	ug/l	99
69) o-Xylene	12.17	106	112418	52.18	ug/l	98
70) Styrene	12.18	104	181752	53.00	ug/l	100
71) Bromoform	12.35	173	24301	53.79	ug/l #	99
73) Isopropylbenzene	12.47	105	309589	52.81	ug/l	99
74) N-amyl acetate	12.27	43	52376	53.31	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38882	49.84	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30678m	51.76	ug/l	
77) Bromobenzene	12.75	156	66863	53.11	ug/l	96
78) n-propylbenzene	12.81	91	369994	52.11	ug/l	99
79) 2-Chlorotoluene	12.90	91	217658	53.16	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	268244	52.92	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12153	51.48	ug/l	97
82) 4-Chlorotoluene	12.99	91	228970	53.29	ug/l	99
83) tert-Butylbenzene	13.21	119	235124	53.58	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	269840	53.43	ug/l	99
85) sec-Butylbenzene	13.39	105	327510	52.82	ug/l	98
86) p-Isopropyltoluene	13.51	119	288605	52.76	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	135473	52.71	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138394	54.00	ug/l	97
89) n-Butylbenzene	13.83	91	280515	54.50	ug/l	99
90) Hexachloroethane	14.10	117	44403	55.60	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	118041	52.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7203	54.67	ug/l	93

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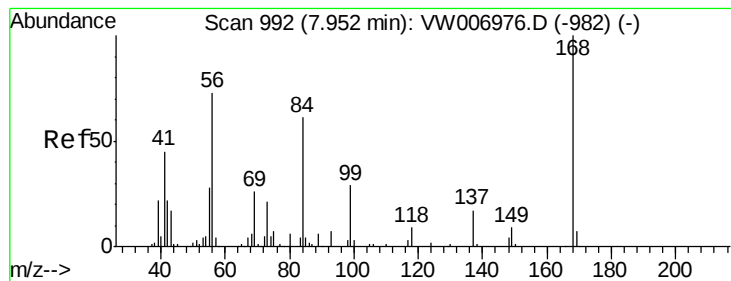
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	74273	50.01	ug/l	97
94) Hexachlorobutadiene	15.24	225	43538	53.93	ug/l	98
95) Naphthalene	15.38	128	133427	49.49	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	62510	50.73	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 110199

Ion Ratio Lower Upper

168 100

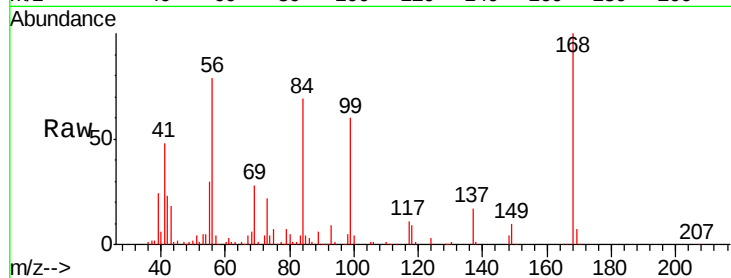
99 60.1 48.2 72.4

Manual Integrations

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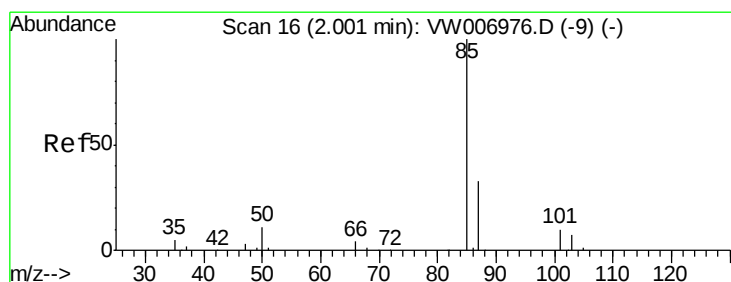
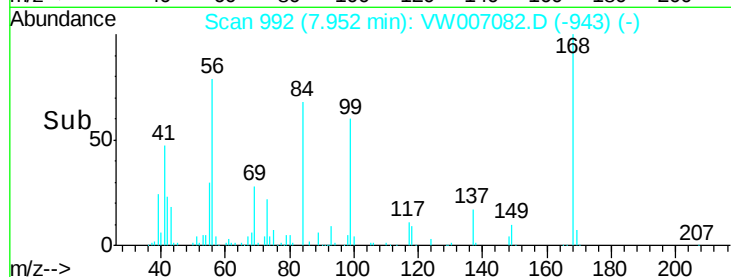
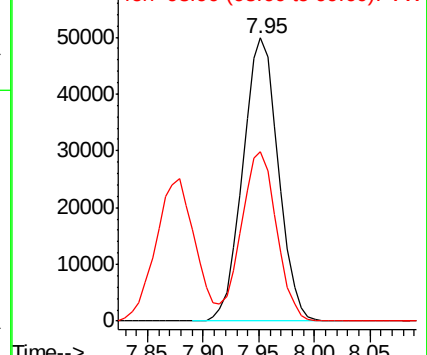
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.00 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007082.D

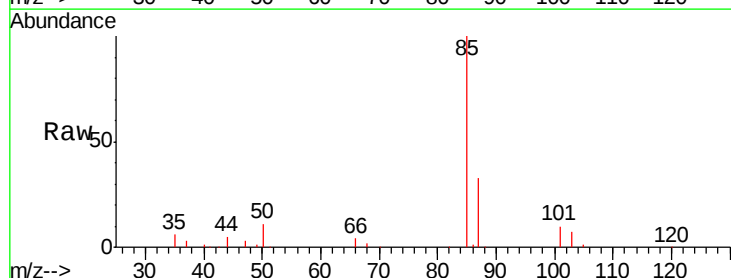
Acq: 27 Nov 2018 12:36

Tgt Ion: 85 Resp: 53314

Ion Ratio Lower Upper

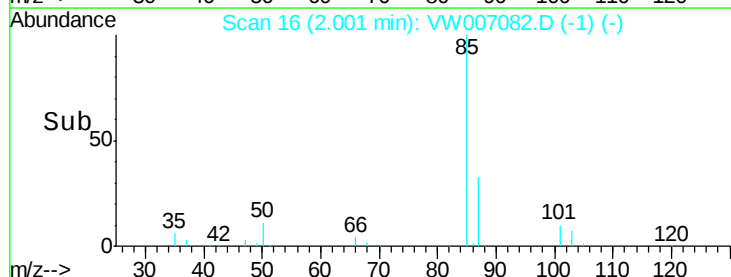
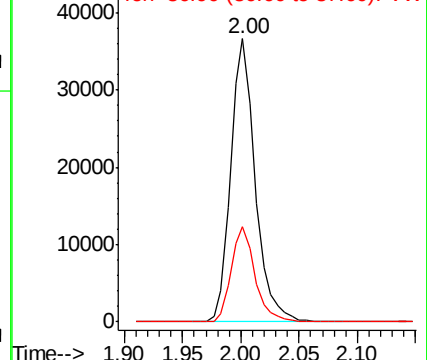
85 100

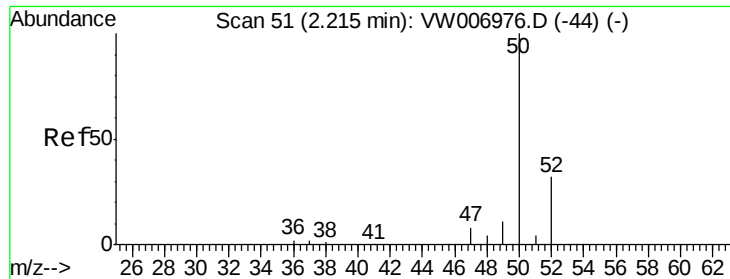
87 33.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 50.78 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 46046

Ion Ratio Lower Upper

50 100

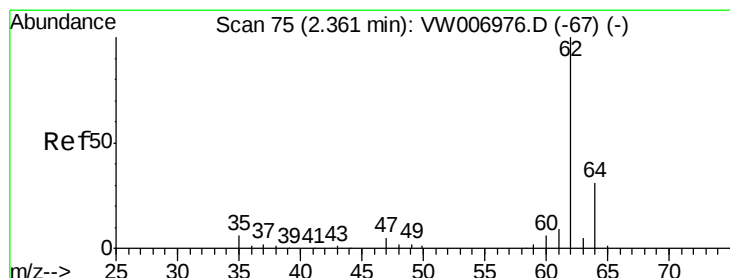
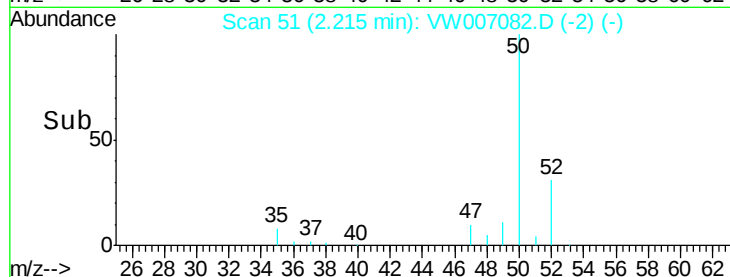
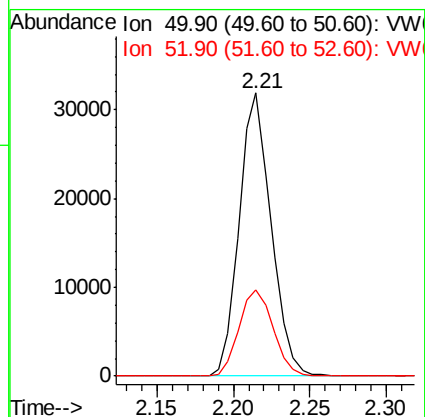
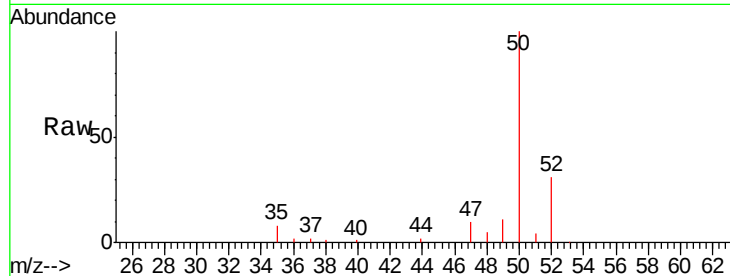
52 30.7 25.7 38.5

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11/28/2018 11:45:13 AM



#4

Vinyl Chloride

Concen: 51.29 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007082.D

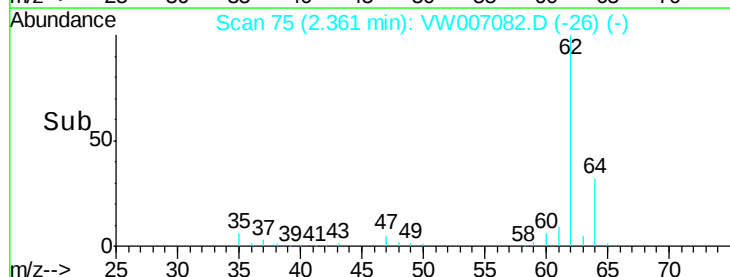
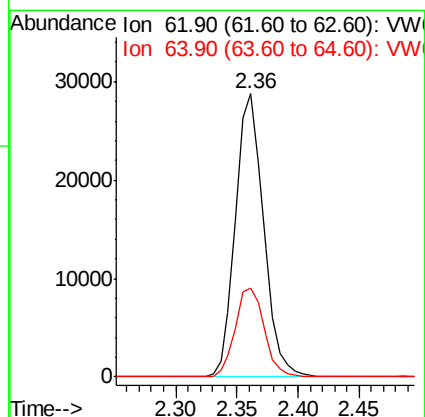
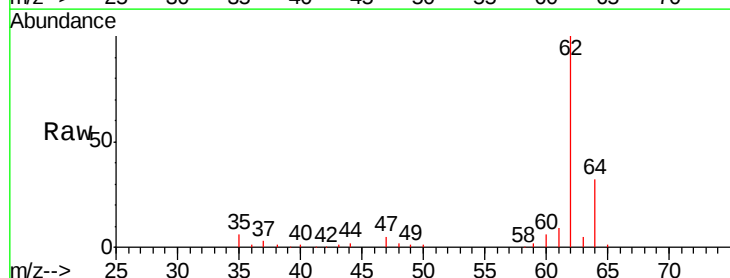
Acq: 27 Nov 2018 12:36

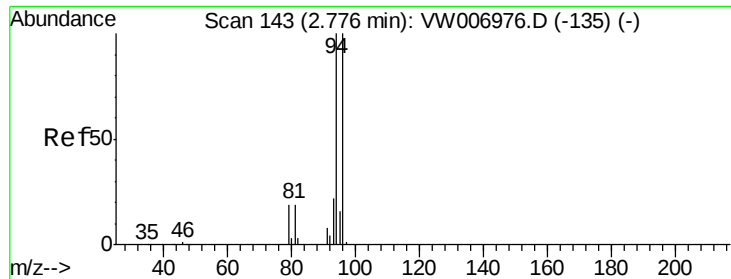
Tgt Ion: 62 Resp: 45754

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 57.48 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

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VSTDCCC050

Tgt Ion: 94 Resp: 27369

Ion Ratio Lower Upper

94 100

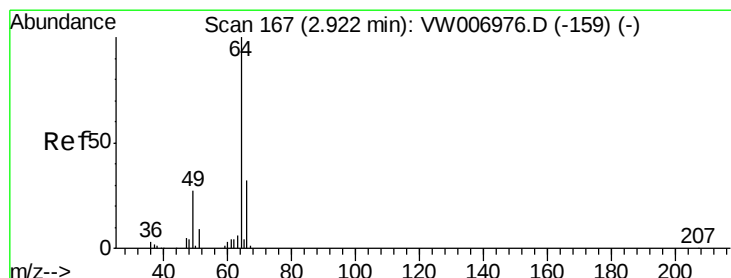
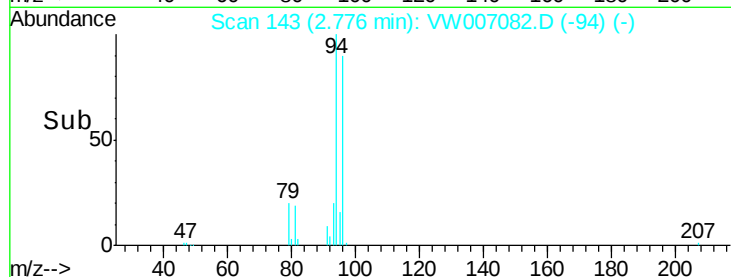
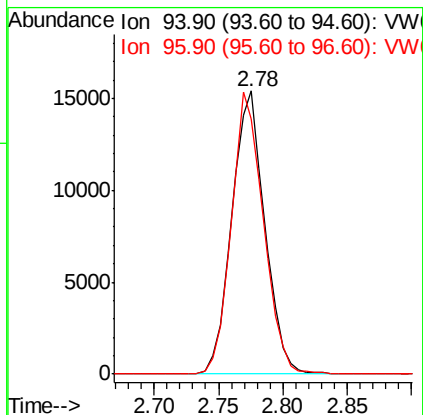
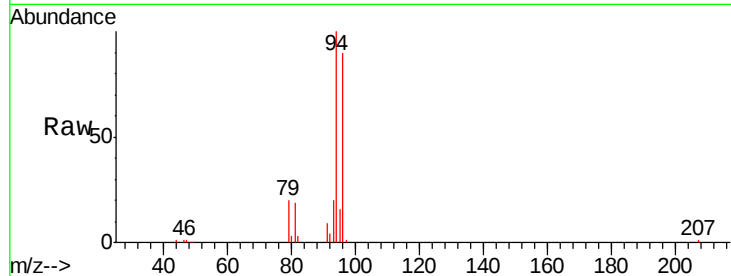
96 90.2 80.2 120.2

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11/28/2018 11:45:13 AM



#6

Chloroethane

Concen: 52.29 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW007082.D

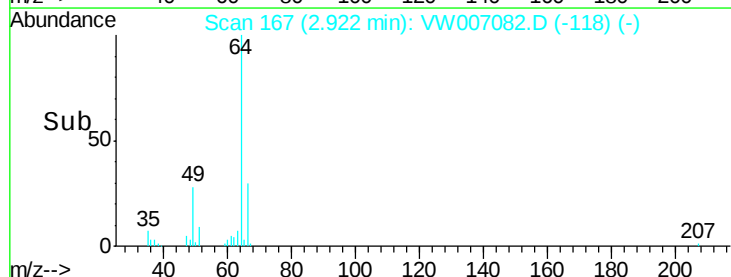
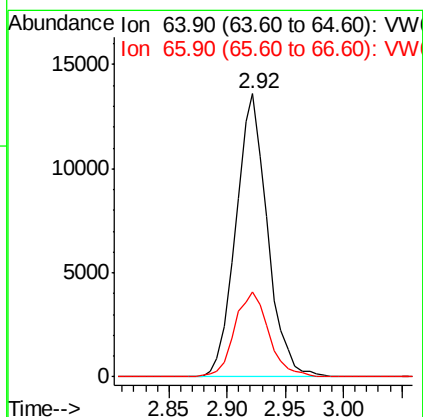
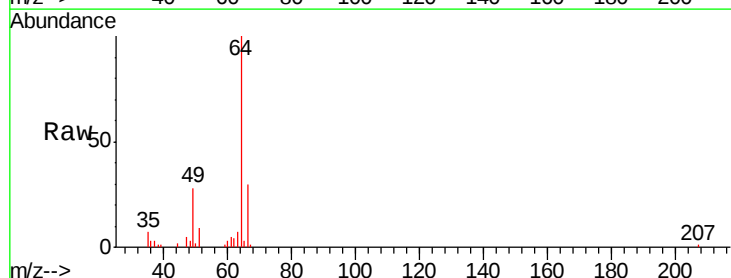
Acq: 27 Nov 2018 12:36

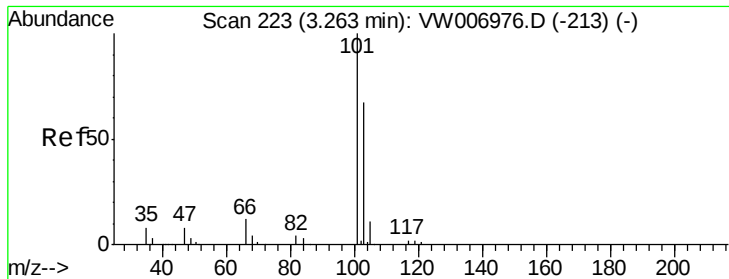
Tgt Ion: 64 Resp: 25713

Ion Ratio Lower Upper

64 100

66 29.8 25.3 37.9





#7

Trichlorofluoromethane

Concen: 50.12 ug/l

RT: 3.26 min Scan# 223

Delta R.T. 0.00 min

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Tgt Ion: 101 Resp: 87929

Ion Ratio Lower Upper

101 100

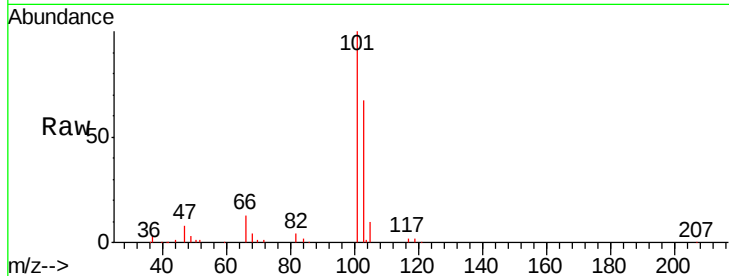
103 66.8 53.4 80.2

Manual Integrations

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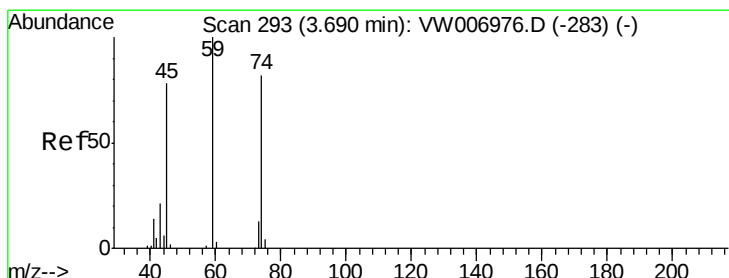
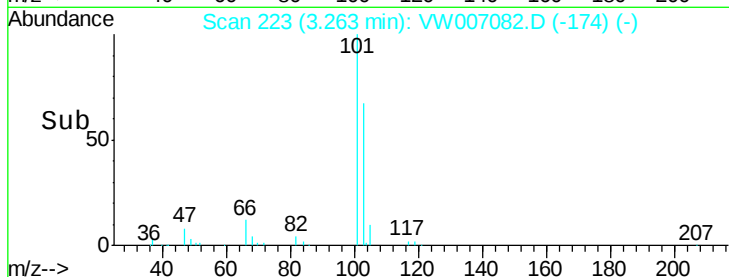
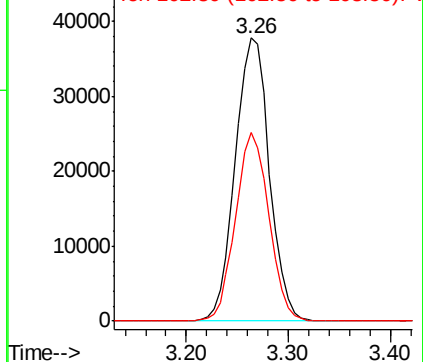
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 47.92 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW007082.D

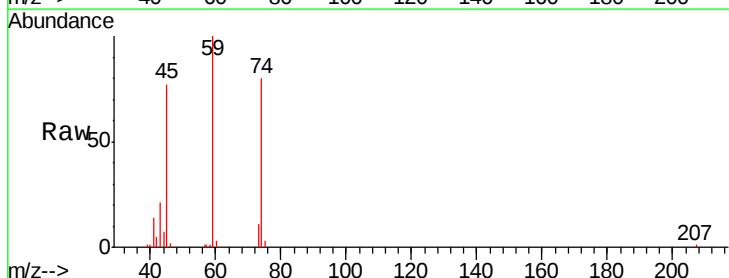
Acq: 27 Nov 2018 12:36

Tgt Ion: 74 Resp: 27086

Ion Ratio Lower Upper

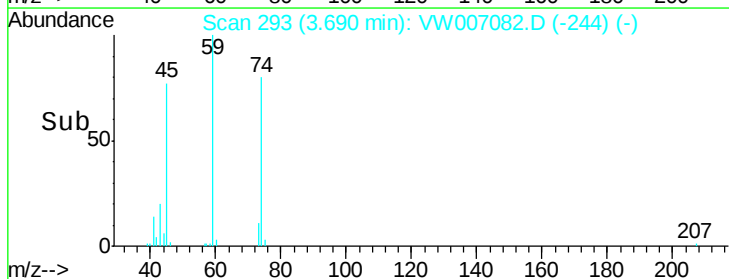
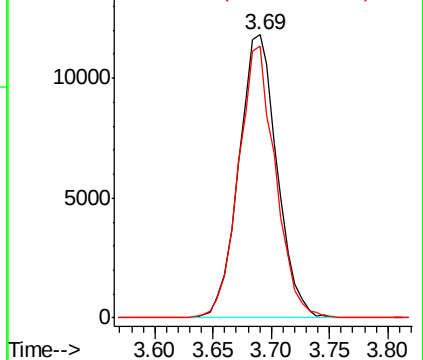
74 100

45 92.6 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.77 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

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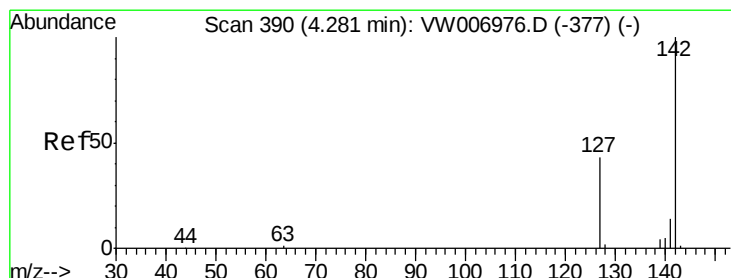
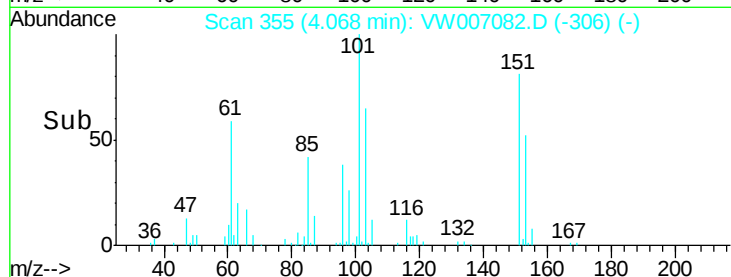
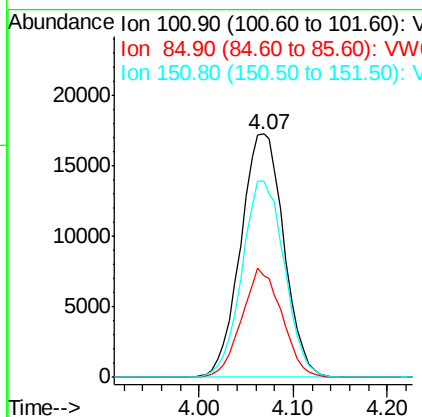
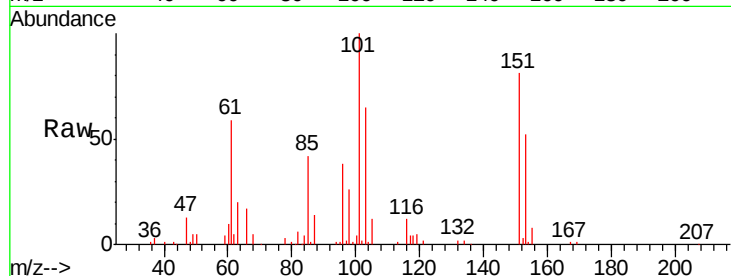
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	55466
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.3	51.5
151	79.4	63.4	95.2

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#10

Methyl Iodide

Concen: 48.08 ug/l

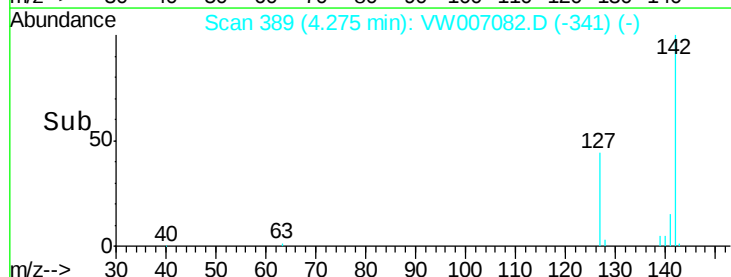
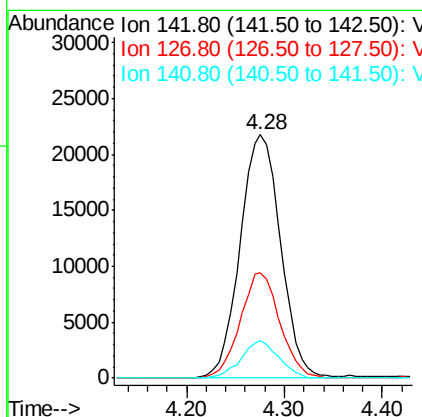
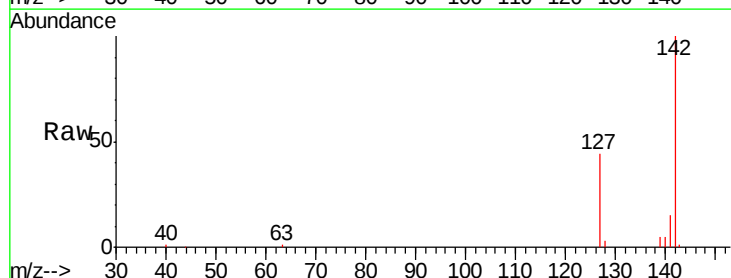
RT: 4.28 min Scan# 389

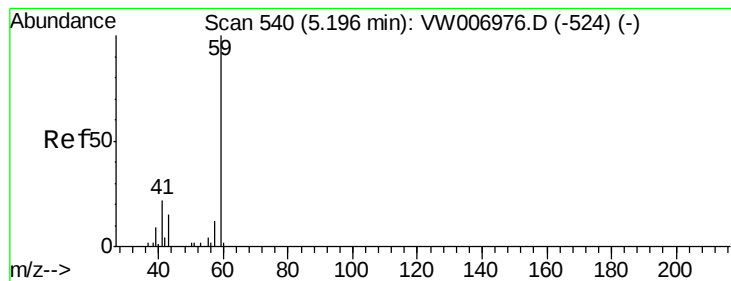
Delta R.T. -0.01 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Tgt Ion:	142	Resp:	62592
Ion Ratio	Lower	Upper	
142	100		
127	42.6	35.3	52.9
141	14.3	11.7	17.5





#11

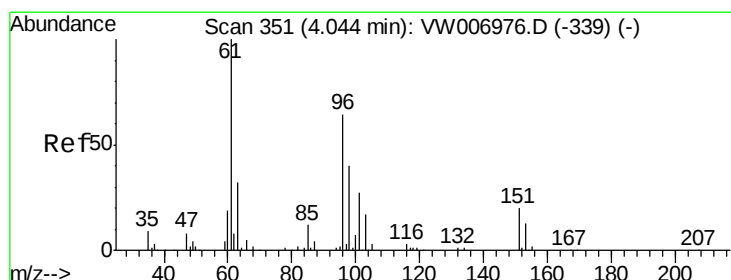
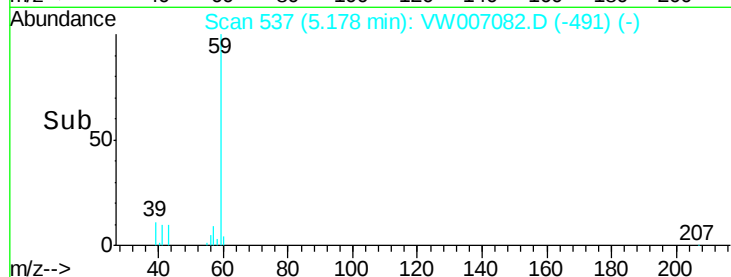
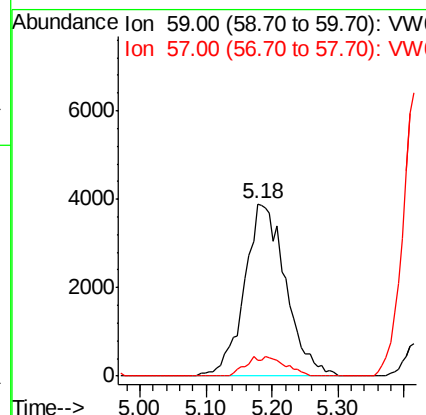
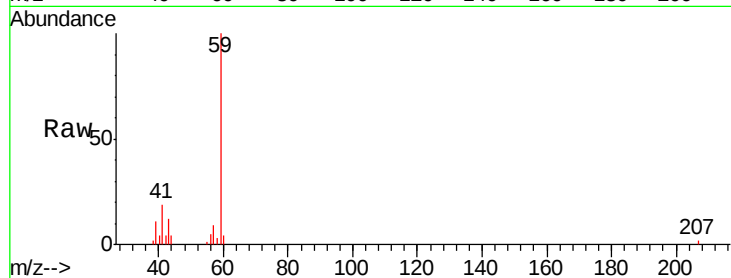
Tert butyl alcohol
Concen: 240.81 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.02 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 16913
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0

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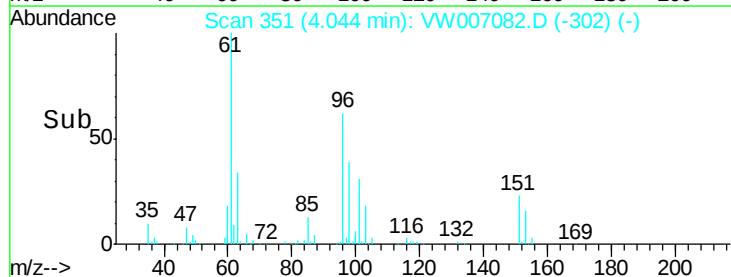
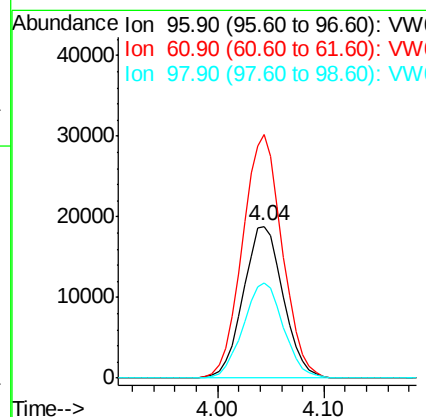
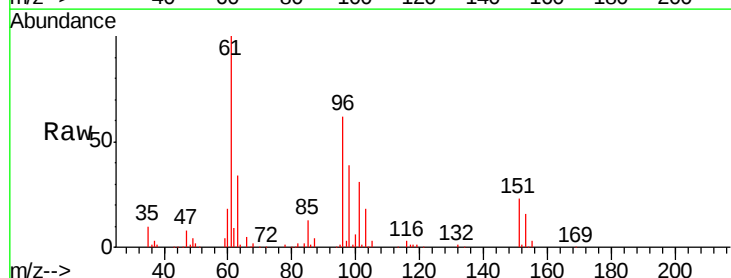
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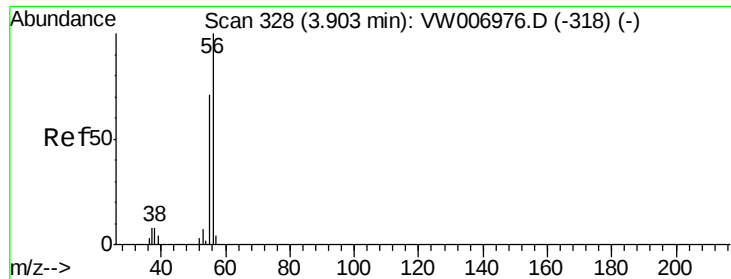


#12

1,1-Dichloroethene
Concen: 49.82 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion: 96 Resp: 49695
Ion Ratio Lower Upper
96 100
61 160.7 124.3 186.5
98 63.2 49.4 74.2





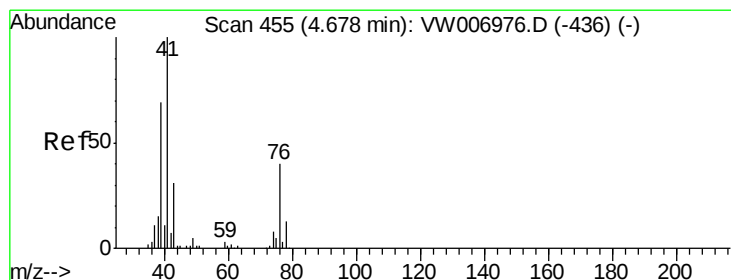
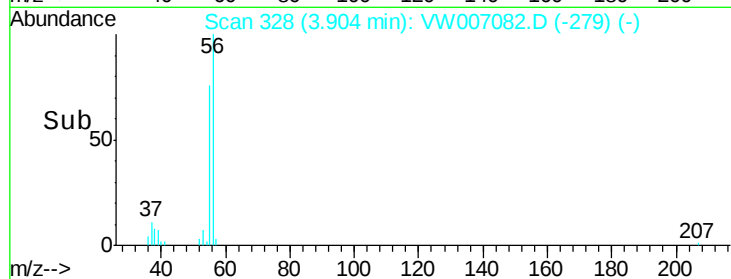
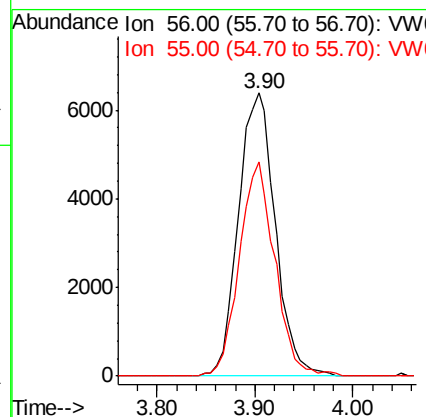
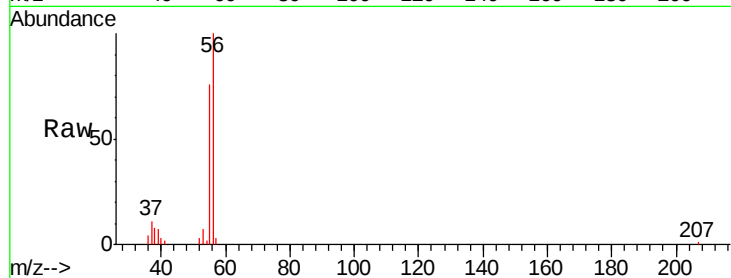
#13
Acrolein
Concen: 231.47 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	73.1	57.5	86.3

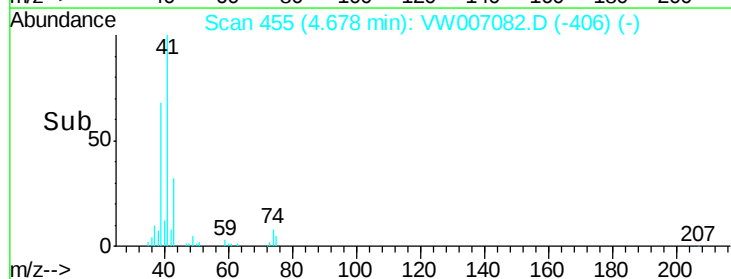
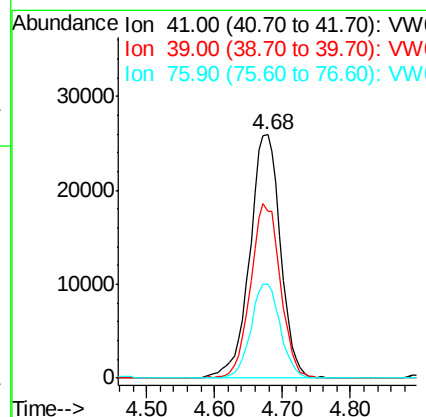
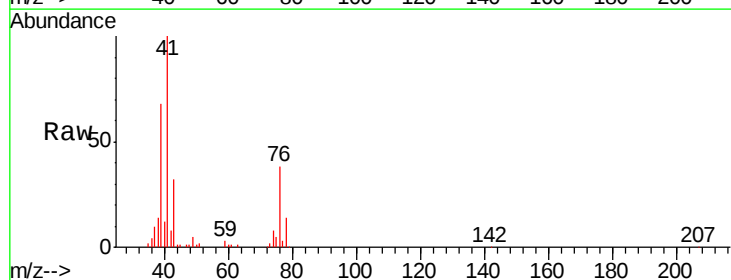
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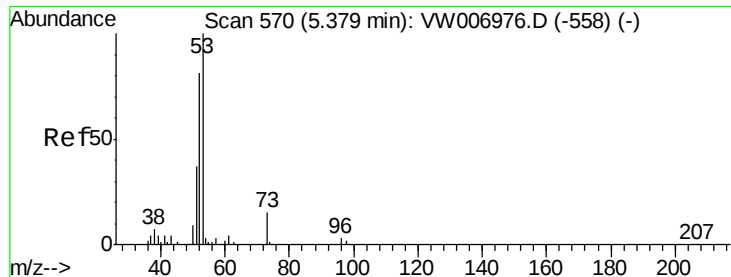
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#14
Allyl chloride
Concen: 49.36 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.5	55.4	83.2
76	36.9	29.6	44.4





#15

Acrylonitrile

Concen: 253.55 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

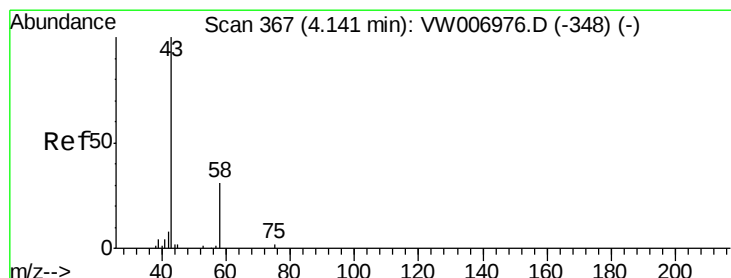
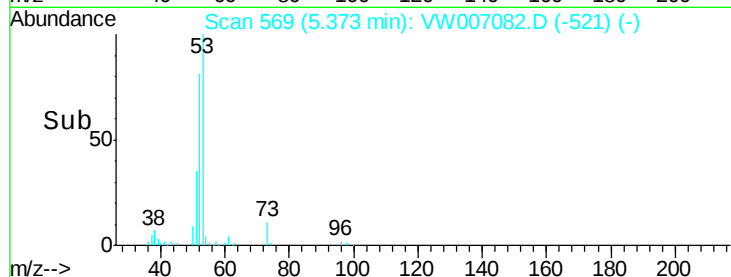
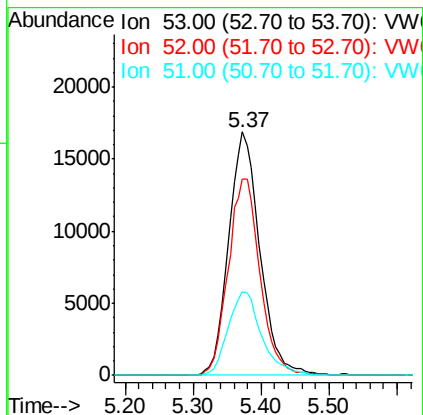
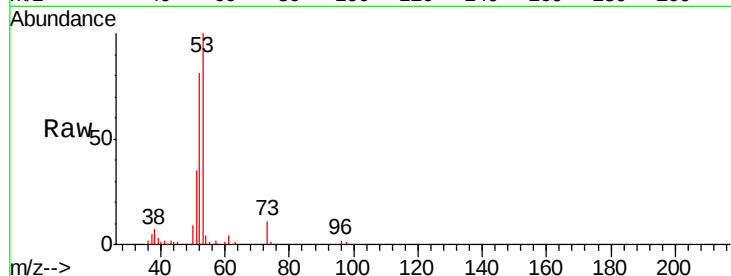
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	53868
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.7	98.5
51	36.8	29.9	44.9

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#16

Acetone

Concen: 249.12 ug/l

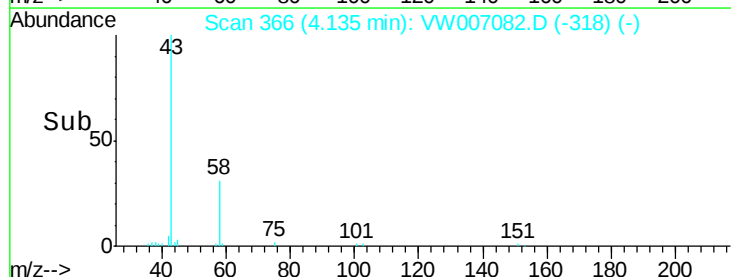
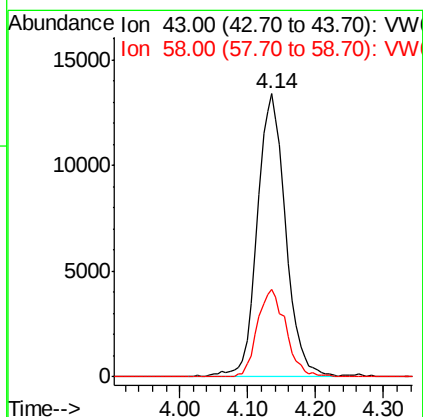
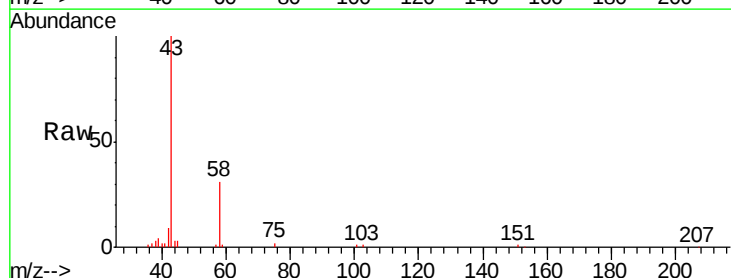
RT: 4.14 min Scan# 366

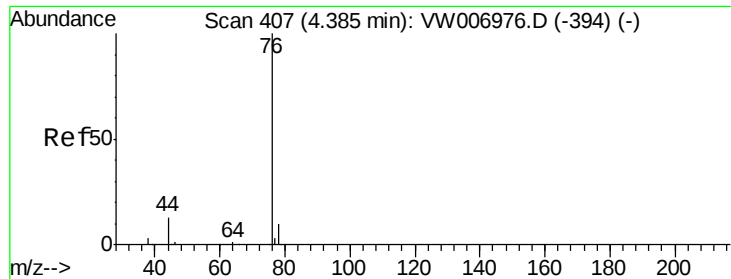
Delta R.T. -0.01 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Tgt Ion:	43	Resp:	39022
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.8	37.2





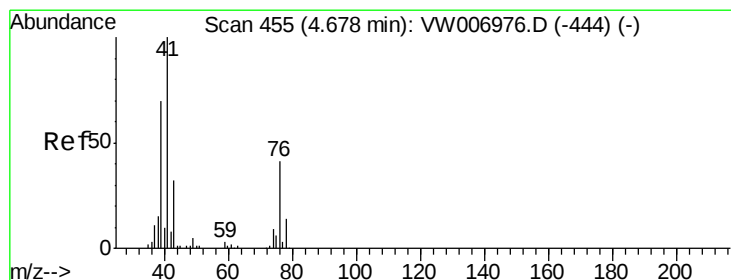
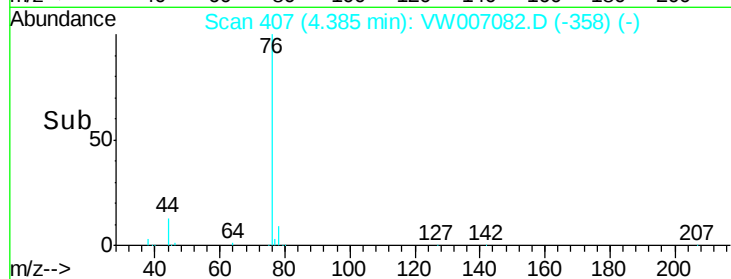
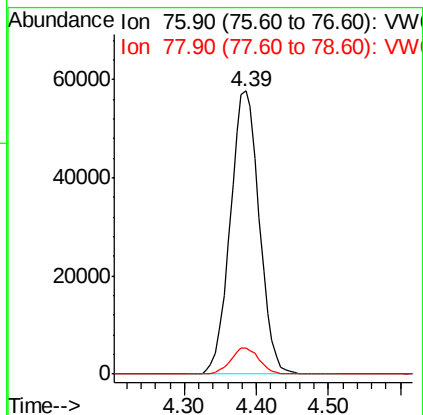
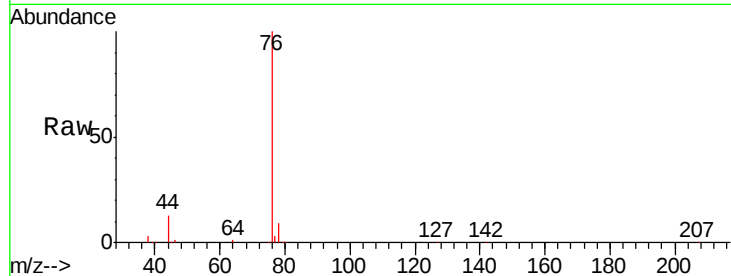
#17
Carbon Disulfide
Concen: 49.92 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.8	11.6

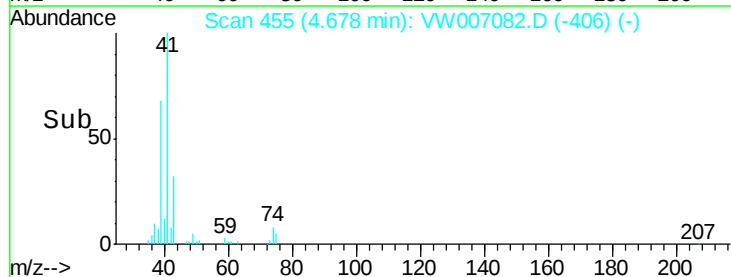
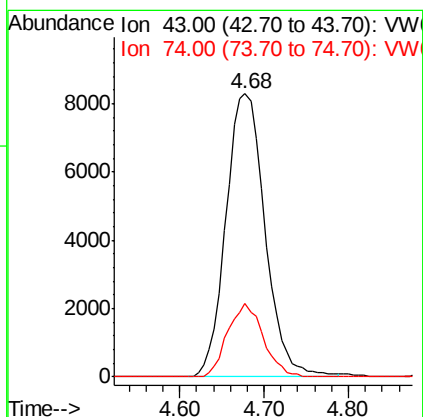
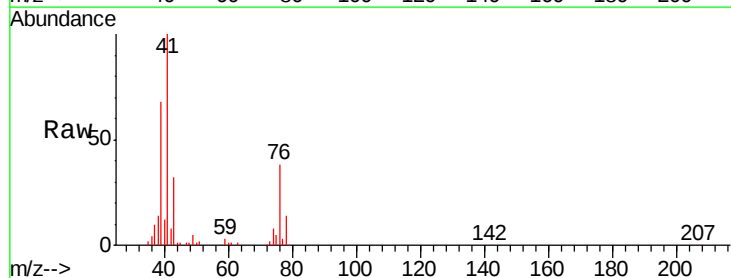
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#18
Methyl Acetate
Concen: 46.81 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	20.1	30.1





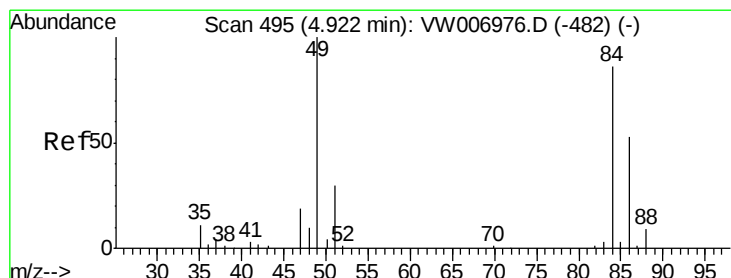
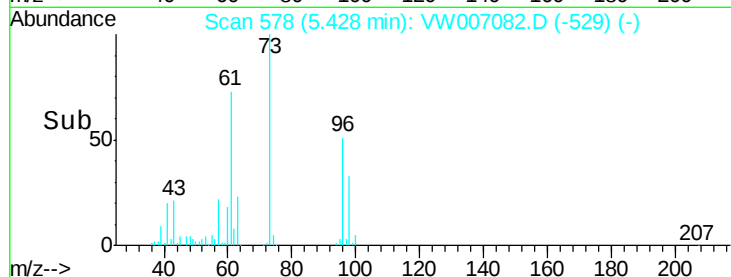
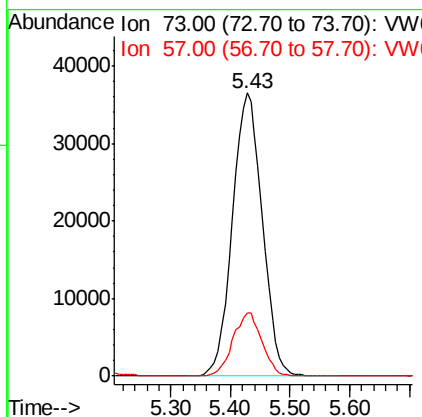
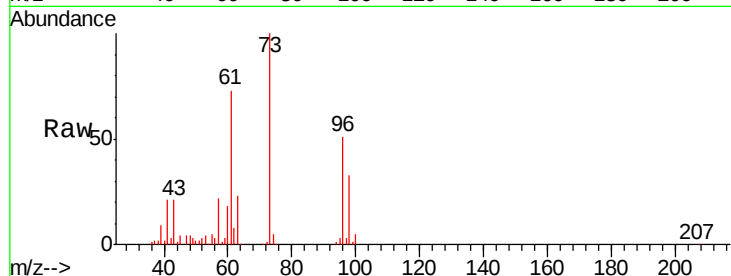
#19
Methyl tert-butyl Ether
Concen: 48.77 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 127023
Ion Ratio Lower Upper
73 100
57 22.2 16.7 25.1

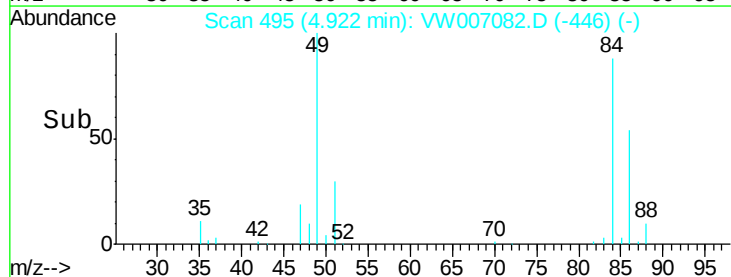
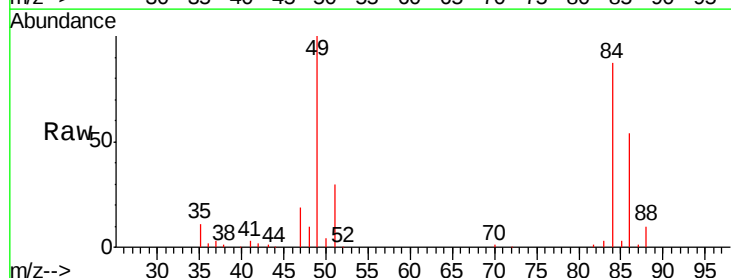
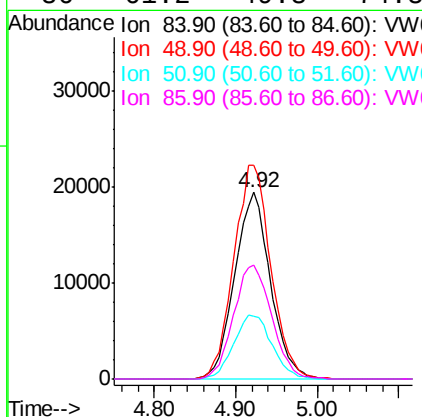
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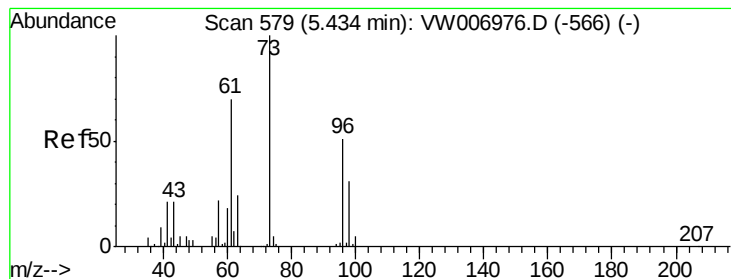
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#20
Methylene Chloride
Concen: 46.78 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion: 84 Resp: 58831
Ion Ratio Lower Upper
84 100
49 114.3 93.4 140.0
51 33.9 28.4 42.6
86 61.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 49.26 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

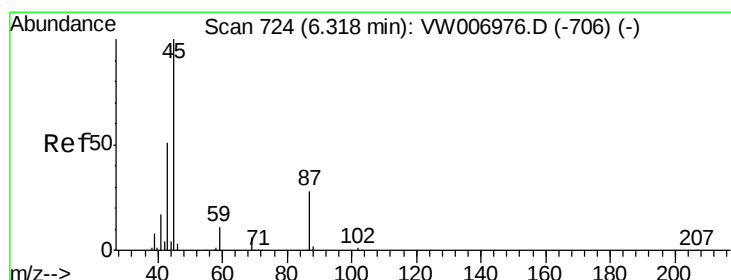
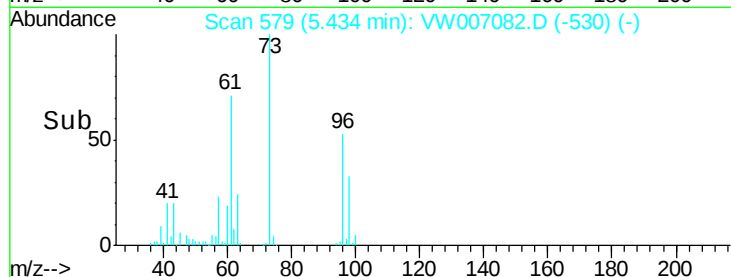
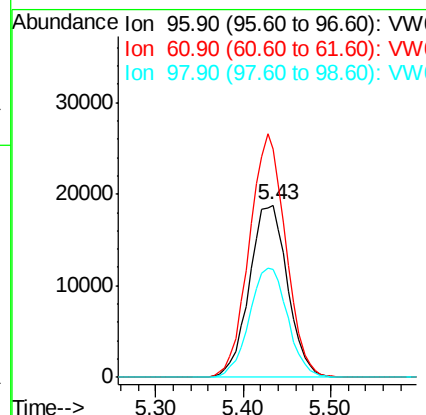
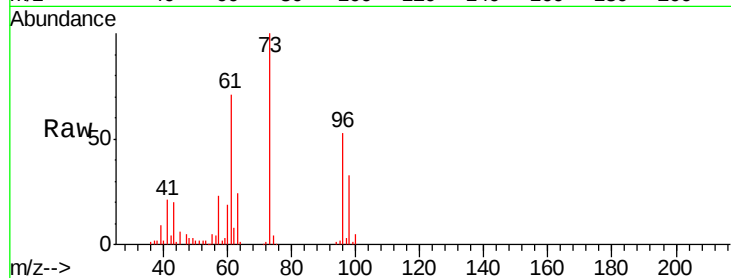
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	57241
Ion	Ratio	Lower	Upper
96	100		
61	132.8	109.4	164.0
98	62.7	48.3	72.5

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#22

Diisopropyl ether

Concen: 48.24 ug/l

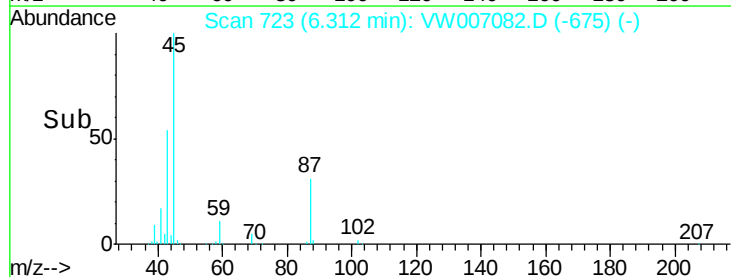
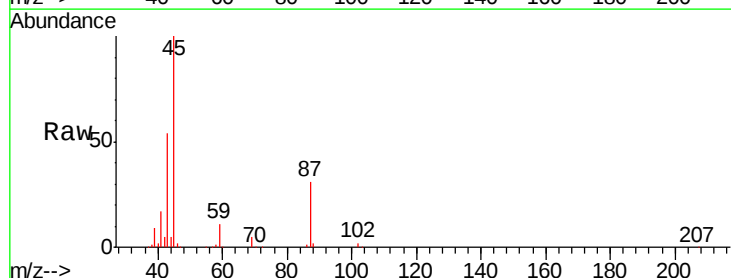
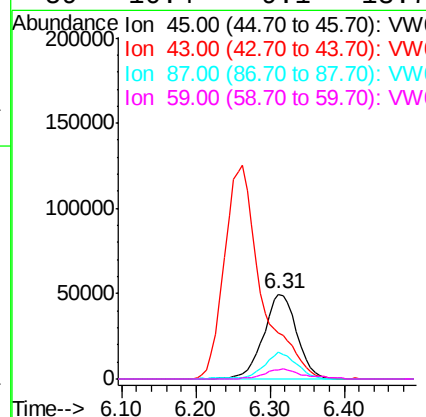
RT: 6.31 min Scan# 723

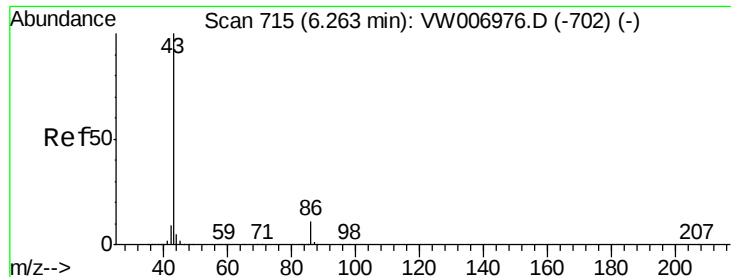
Delta R.T. -0.01 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Tgt Ion:	45	Resp:	155345
Ion	Ratio	Lower	Upper
45	100		
43	53.3	42.5	63.7
87	31.3	22.8	34.2
59	10.4	9.1	13.7





#23

Vinyl Acetate

Concen: 252.43 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 431660

Ion Ratio Lower Upper

43 100

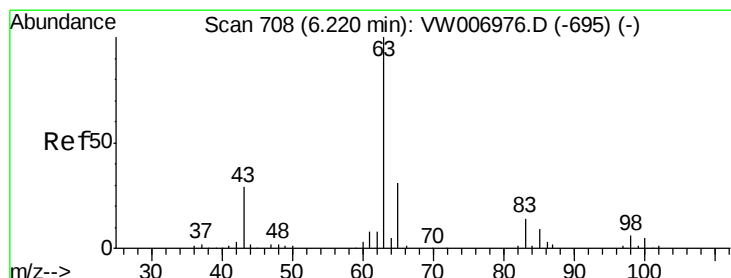
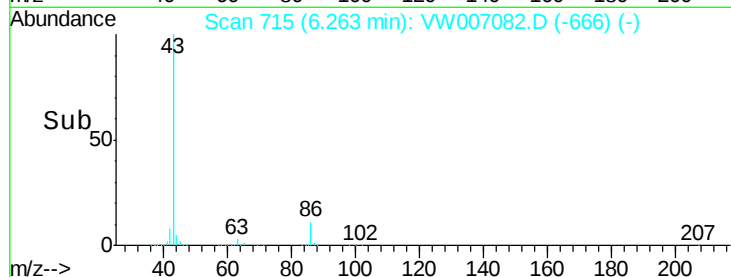
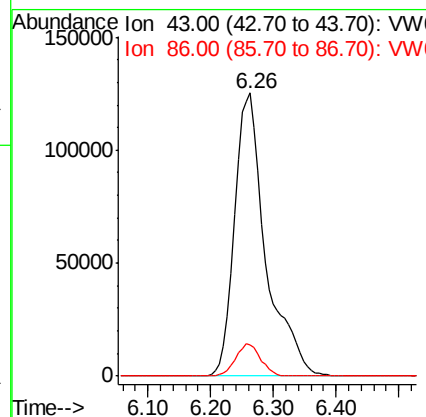
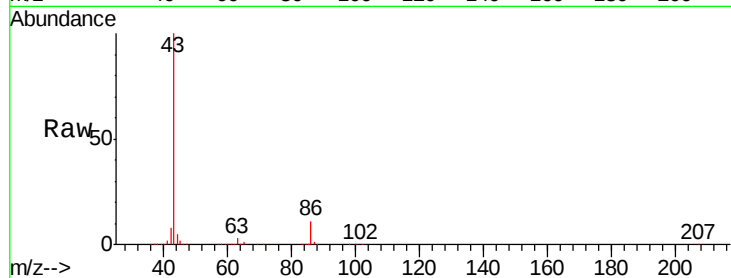
86 10.9 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 48.07 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

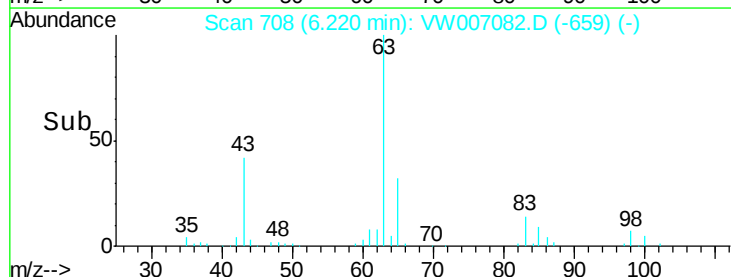
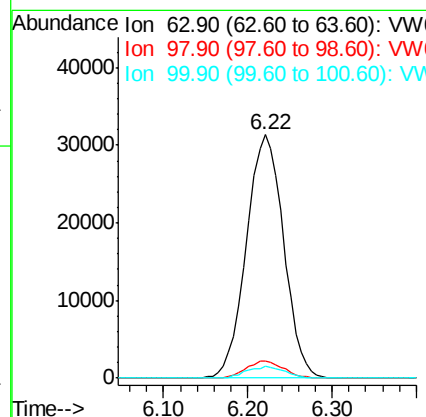
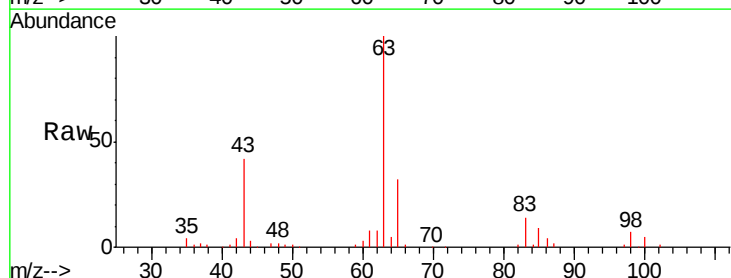
Tgt Ion: 63 Resp: 94172

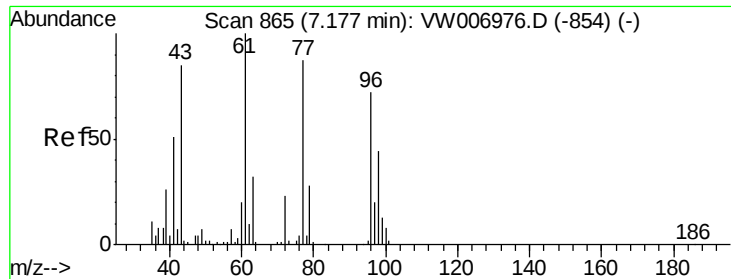
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.4

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 244.56 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 65612

Ion Ratio Lower Upper

43 100

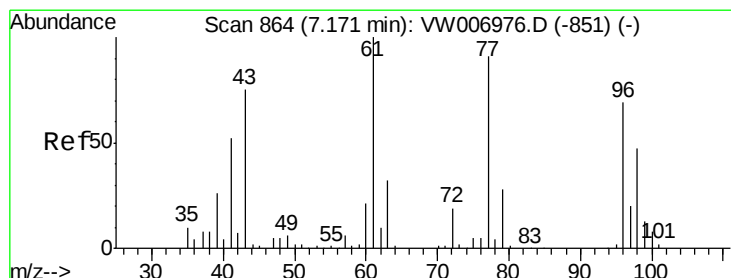
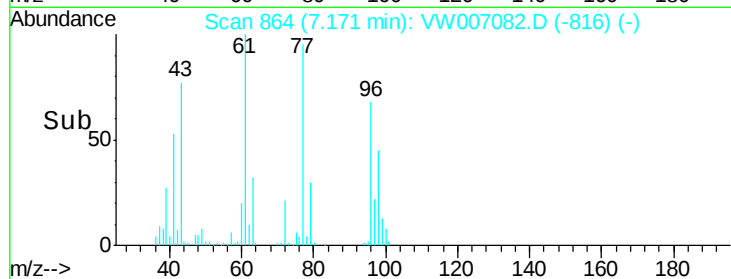
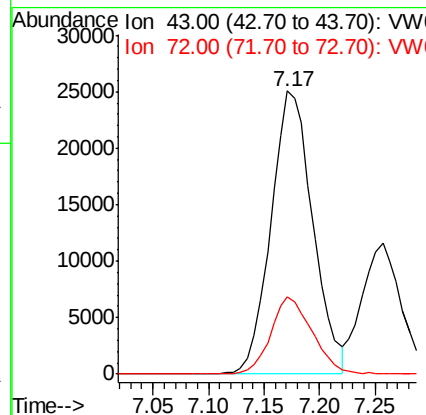
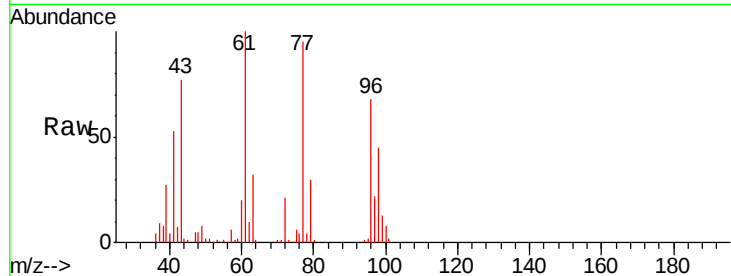
72 27.1 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 50.40 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007082.D

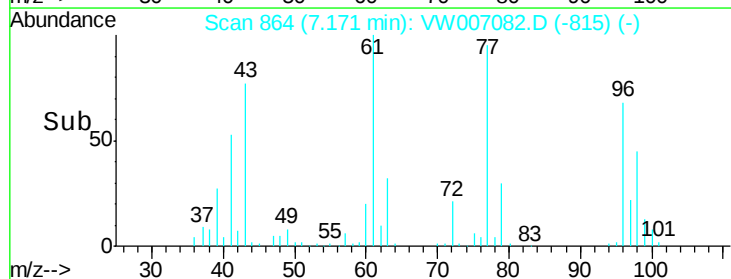
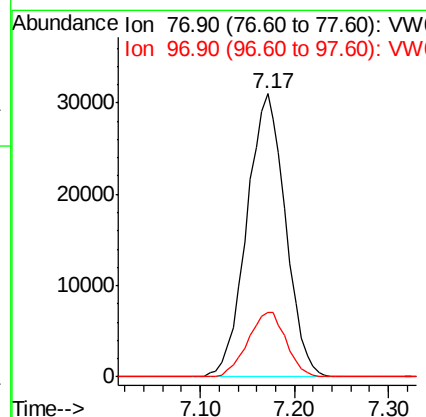
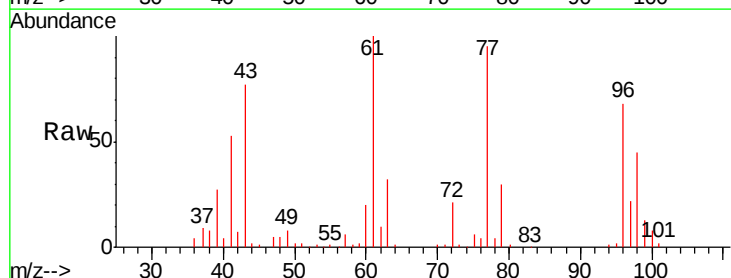
Acq: 27 Nov 2018 12:36

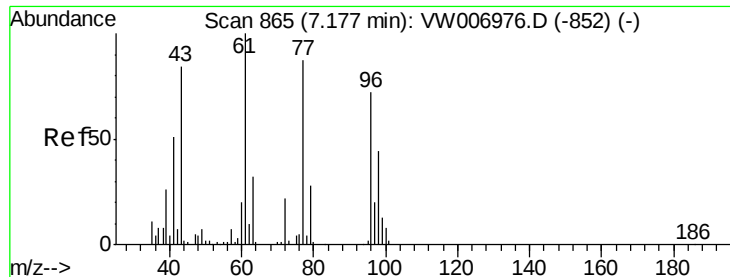
Tgt Ion: 77 Resp: 88780

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.66 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

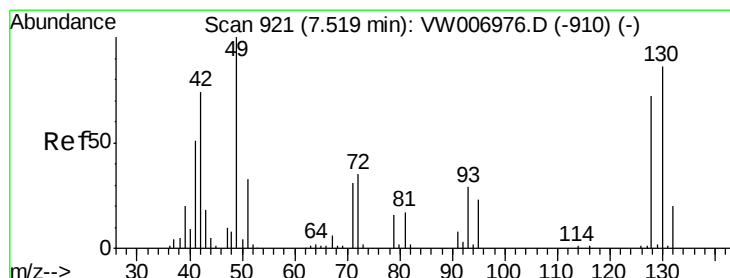
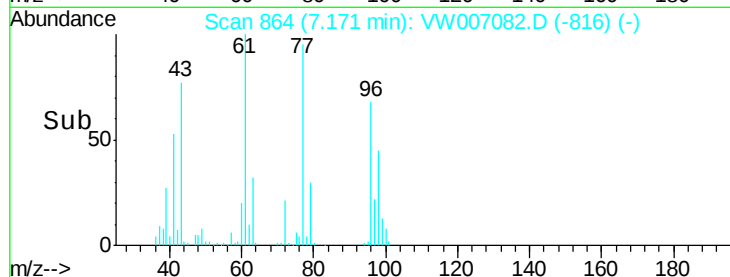
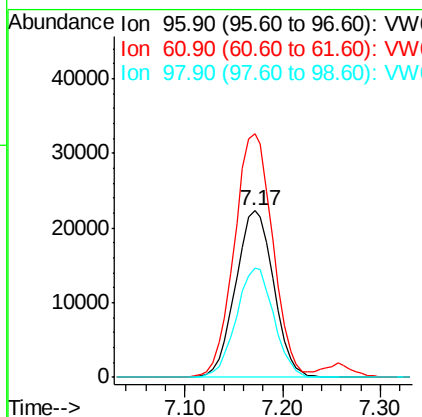
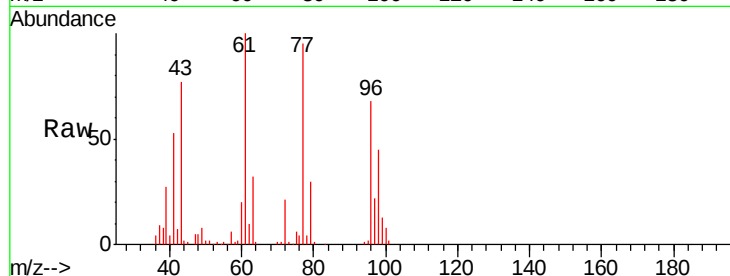
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	60214
Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	292.6
98	64.6	0.0	129.8

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#28

Bromochloromethane

Concen: 52.55 ug/l

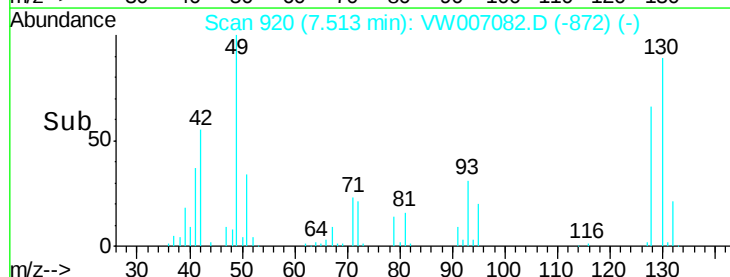
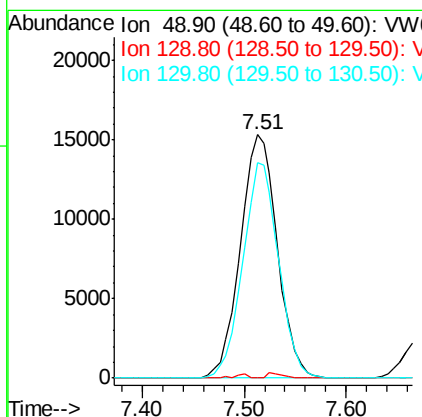
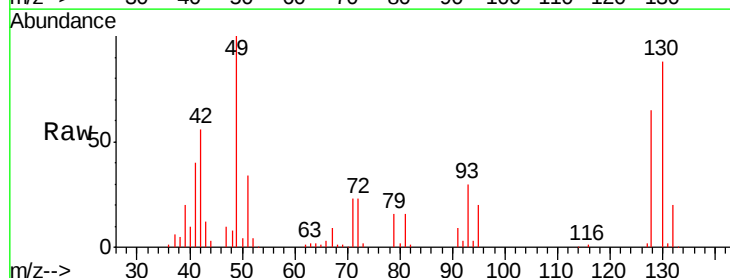
RT: 7.51 min Scan# 920

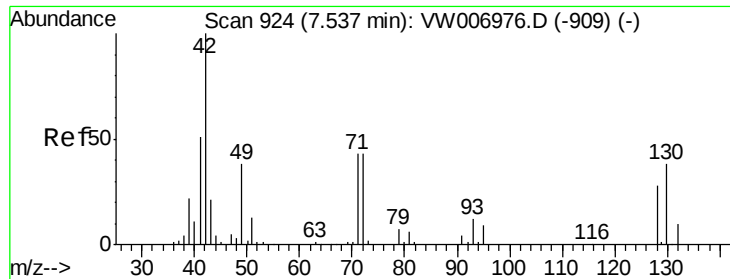
Delta R.T. -0.01 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Tgt Ion:	49	Resp:	38475
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	2.0
130	85.6	69.0	103.4





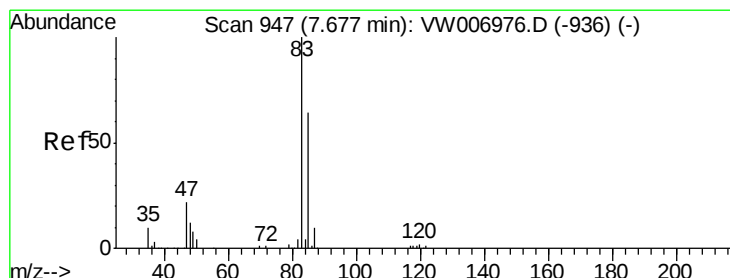
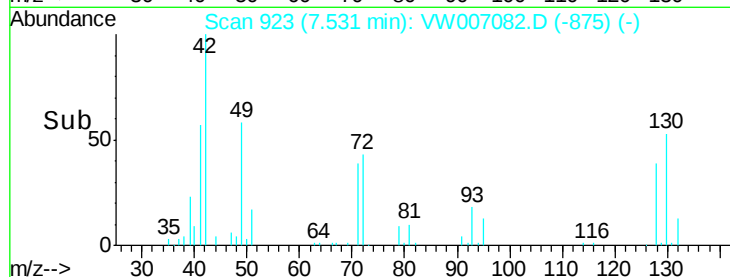
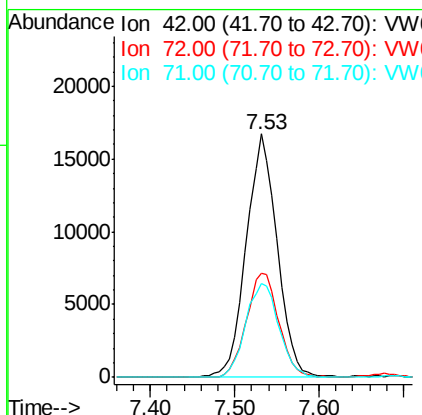
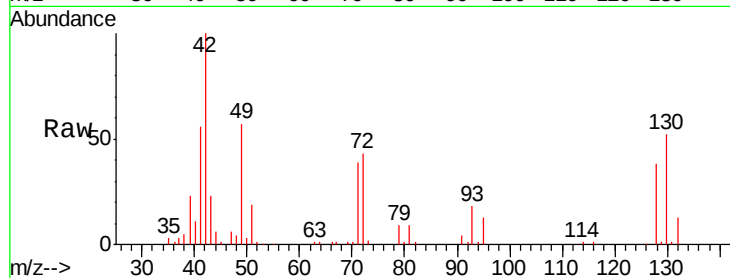
#29
Tetrahydrofuran
Concen: 239.86 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.2	54.4
71	41.2	33.8	50.8

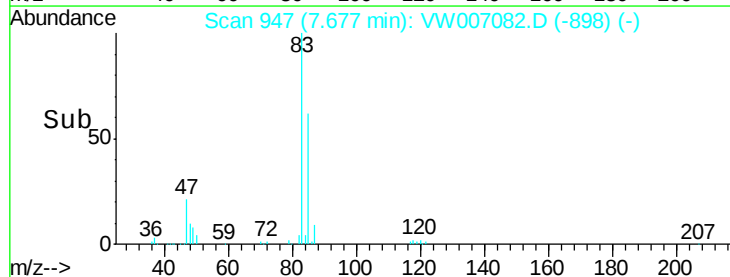
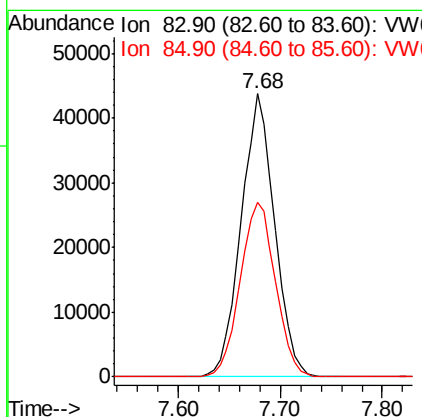
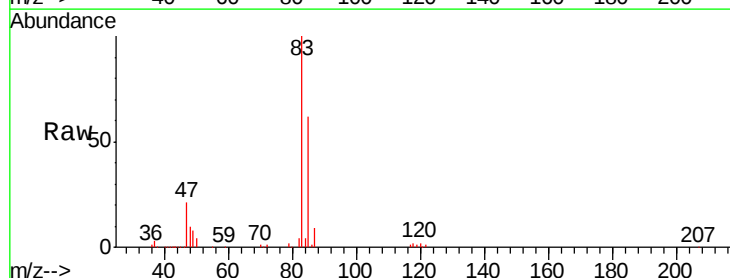
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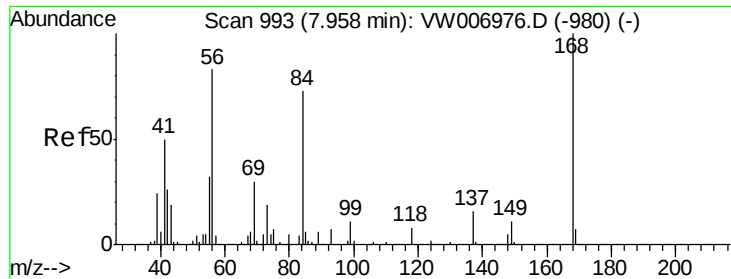
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#30
Chloroform
Concen: 47.80 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.9	76.3





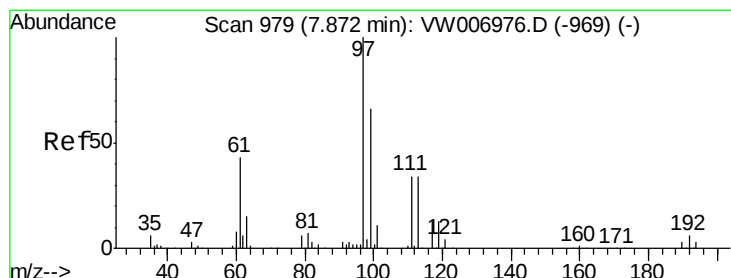
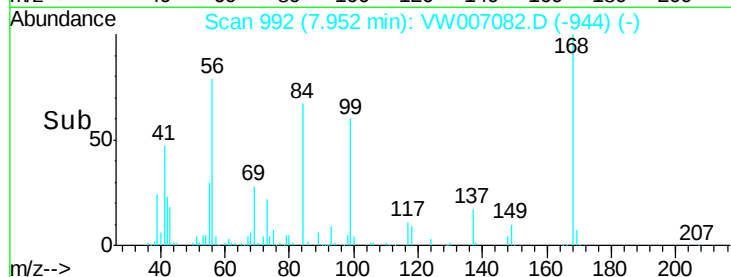
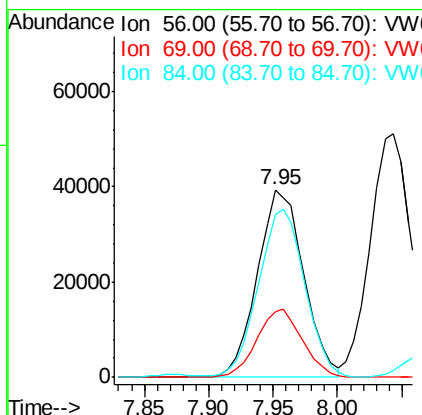
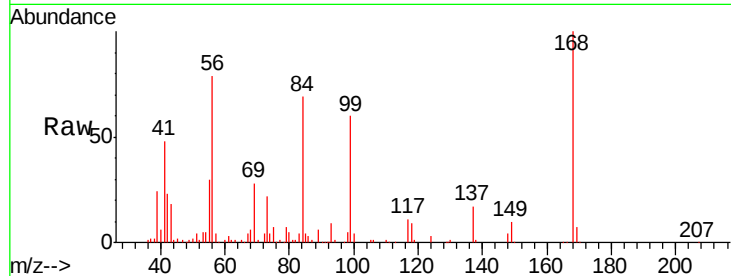
#31
Cyclohexane
Concen: 47.28 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.2	29.1	43.7
84	86.0	70.6	105.8

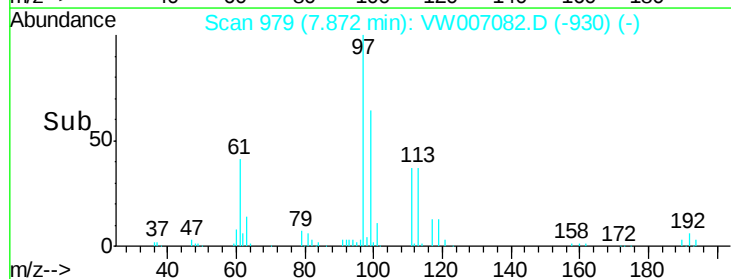
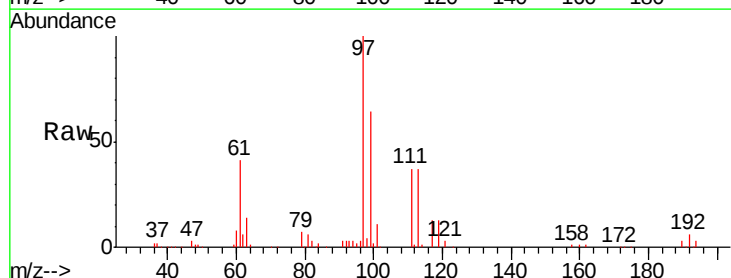
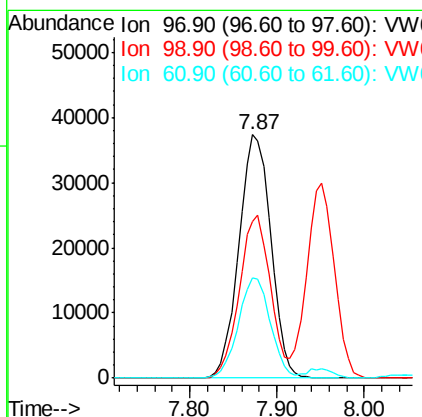
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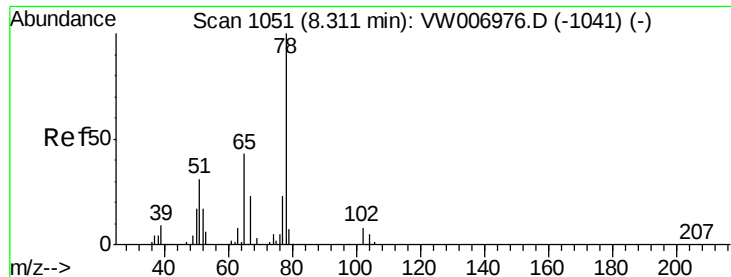
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#32
1,1,1-Trichloroethane
Concen: 50.72 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.9	77.9
61	41.0	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 49.87 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 53807

Ion Ratio Lower Upper

65 100

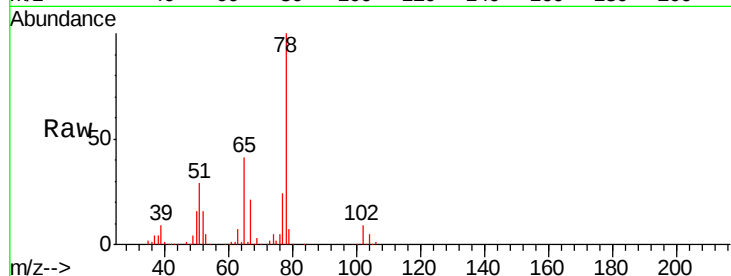
67 51.4 0.0 106.2

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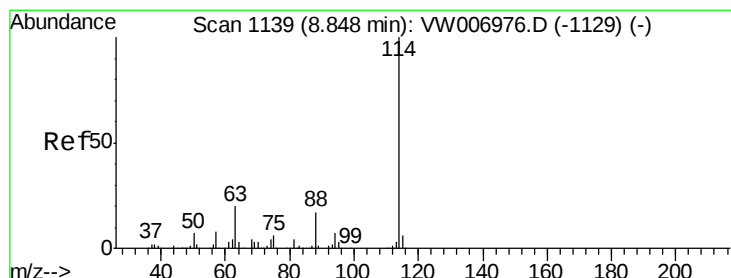
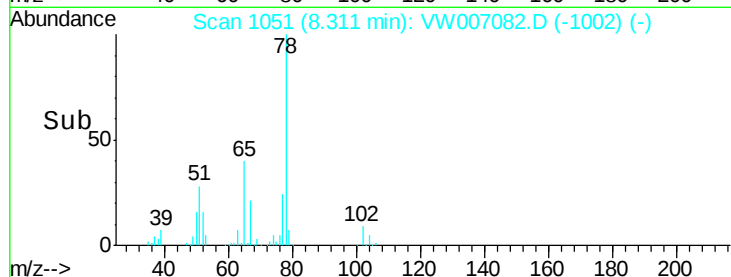
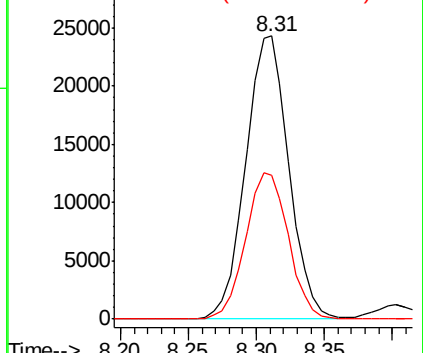
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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

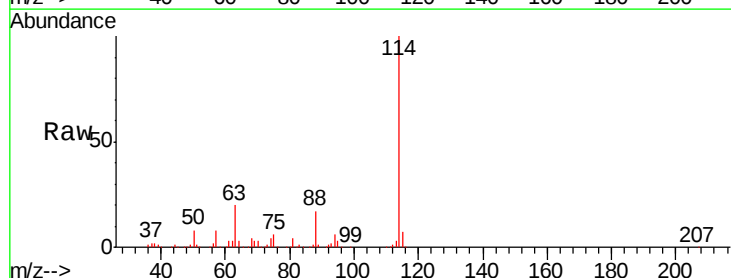
Tgt Ion: 114 Resp: 167625

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

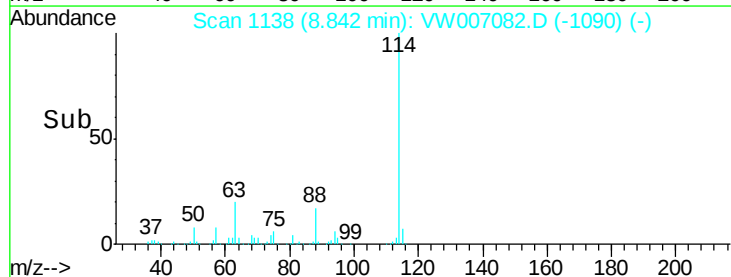
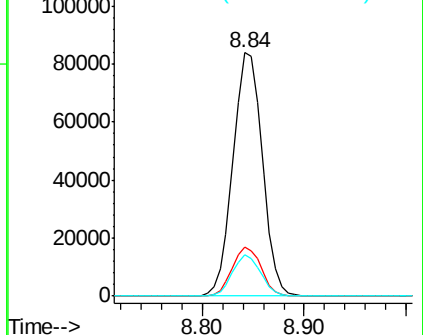
88 16.8 0.0 34.2

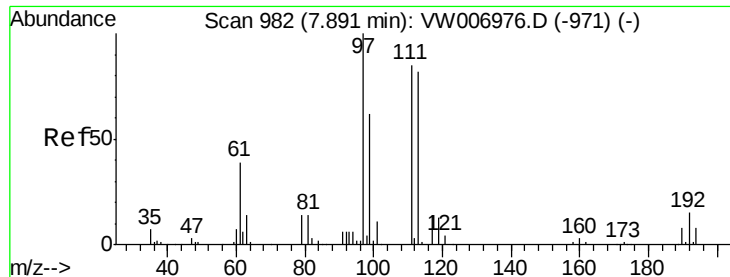


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





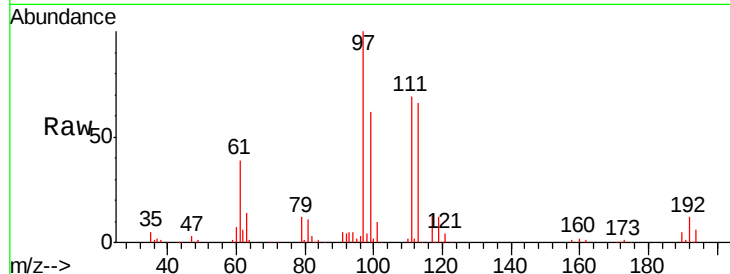
#35
Dibromofluoromethane
Concen: 53.24 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

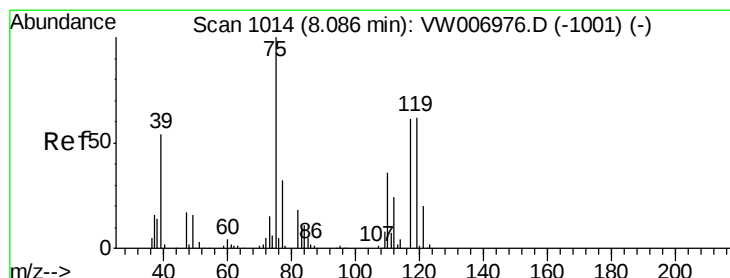
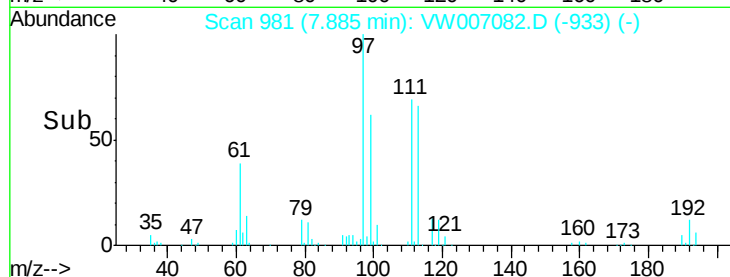
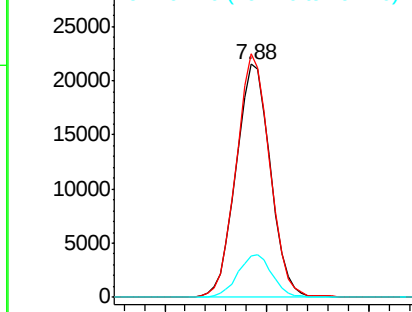
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	50400		
111	101.8	81.0	121.6	
192	18.2	15.0	22.6	

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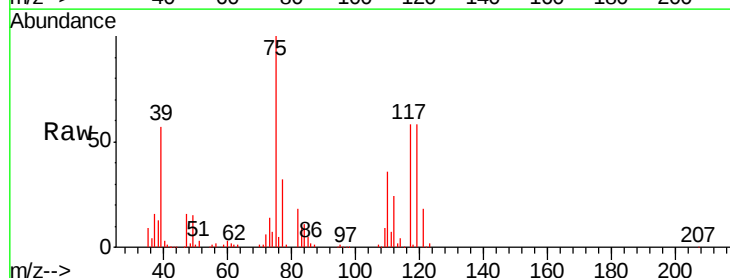


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

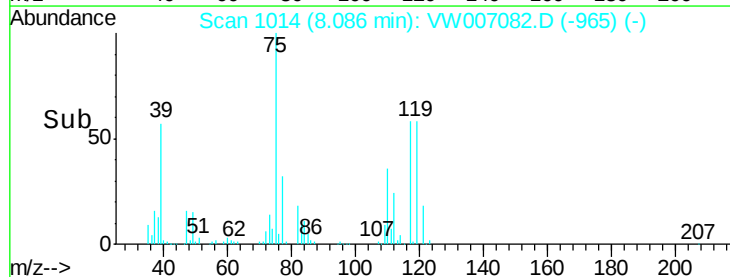
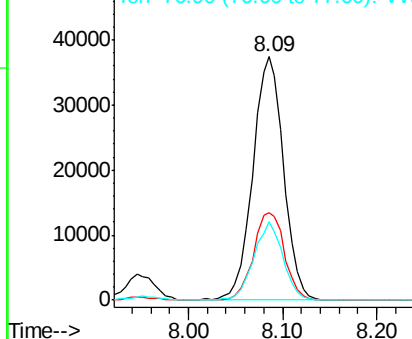


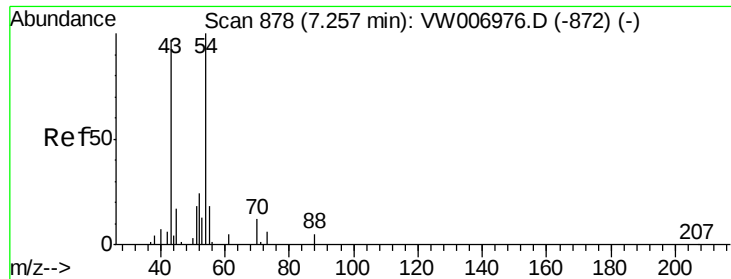
#36
1,1-Dichloropropene
Concen: 52.17 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85465		
110	36.2	18.0	54.0	
77	30.7	24.9	37.3	



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





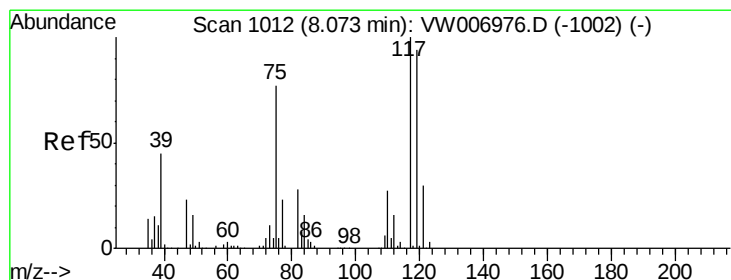
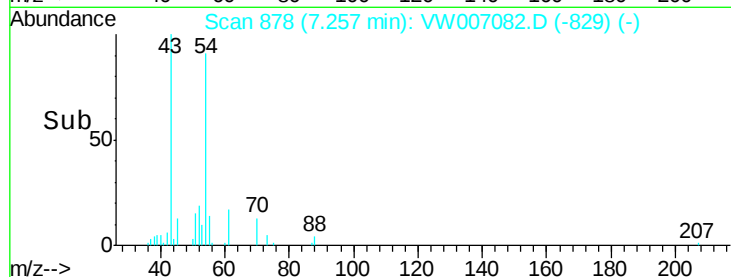
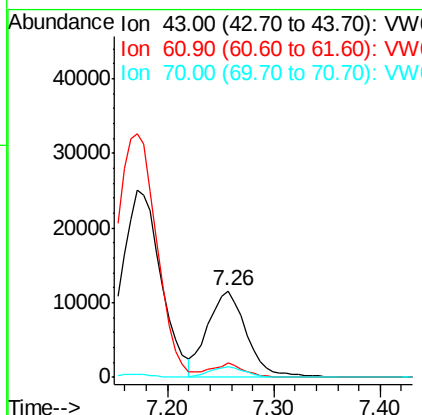
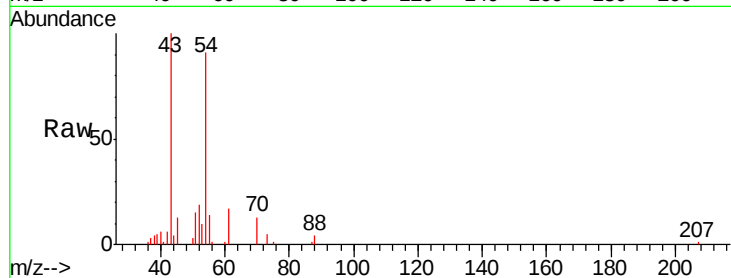
#37
Ethyl Acetate
Concen: 48.96 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	11.7	8.8	13.2

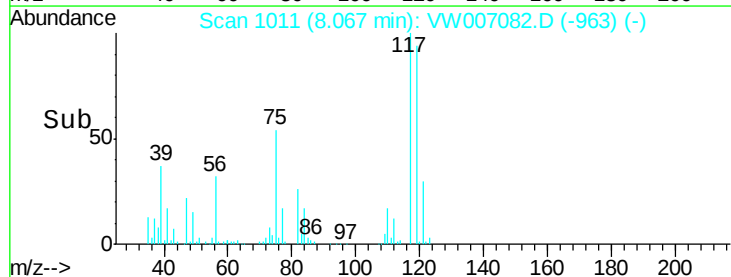
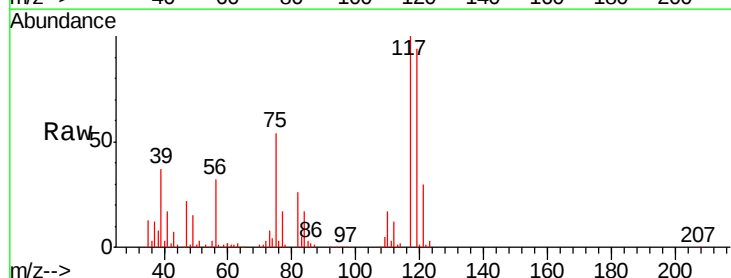
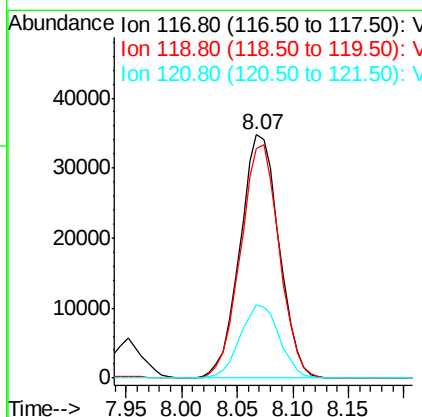
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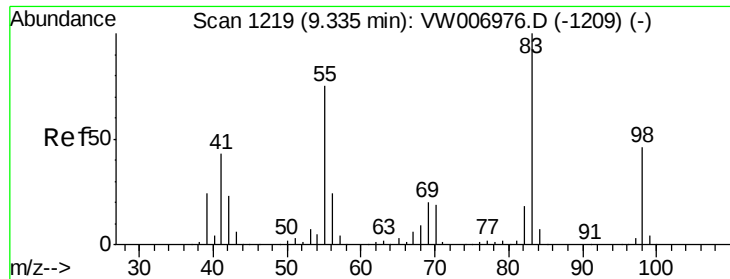
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#38
Carbon Tetrachloride
Concen: 54.08 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	74.9	112.3
121	30.4	23.6	35.4





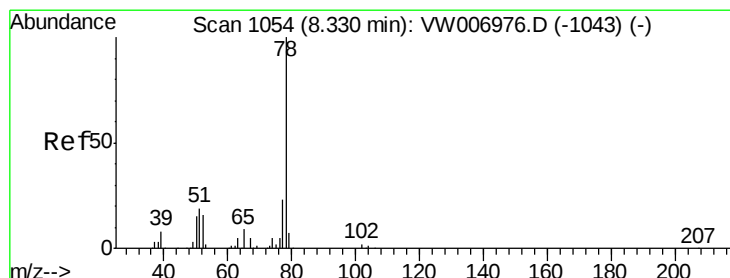
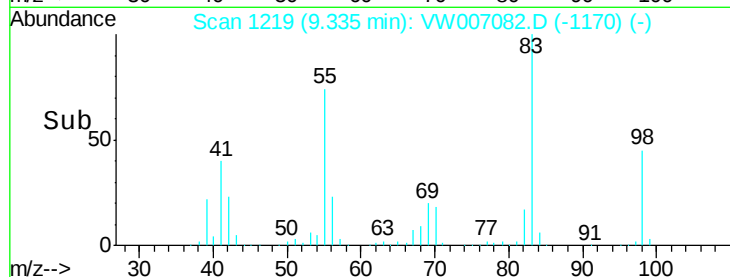
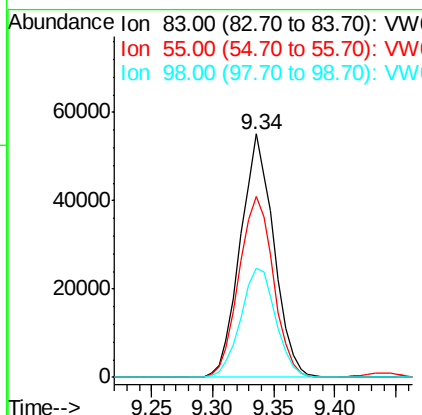
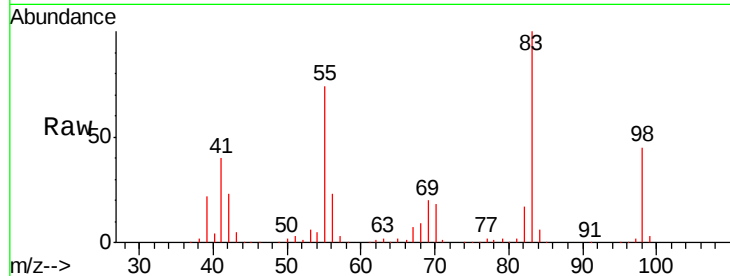
#39
Methylcyclohexane
Concen: 51.05 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.4	59.6	89.4
98	45.1	37.1	55.7

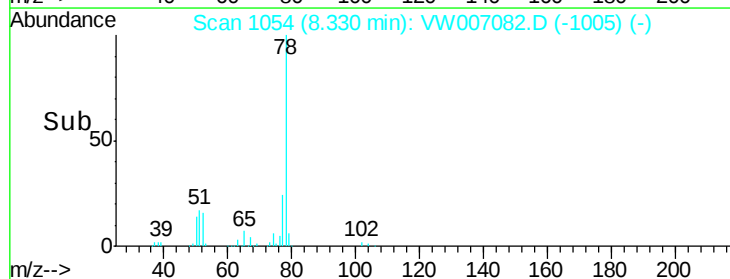
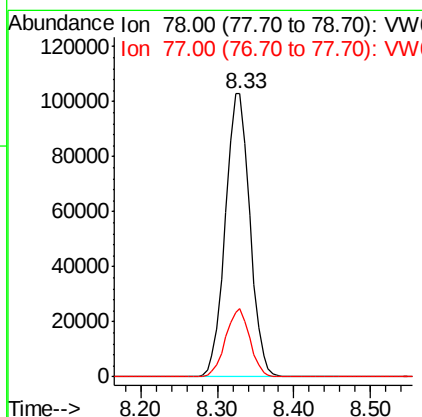
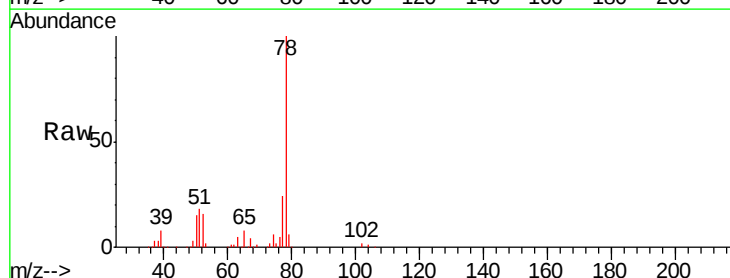
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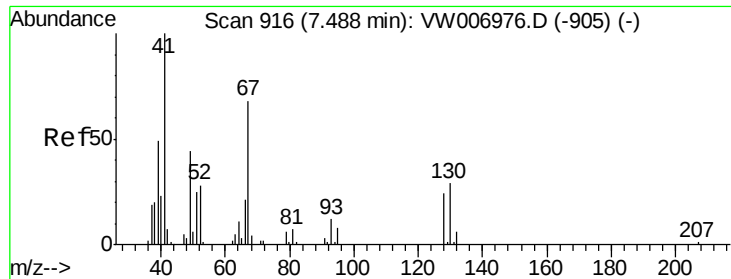
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#40
Benzene
Concen: 51.58 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





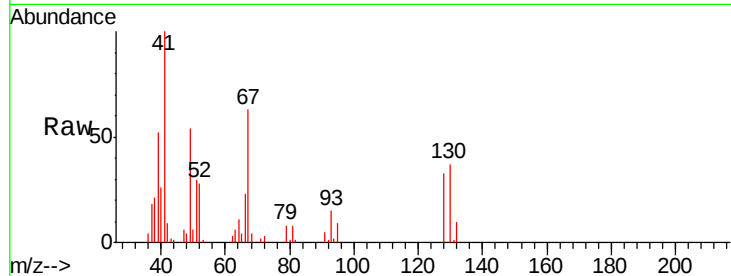
#41
Methacrylonitrile
Concen: 50.95 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

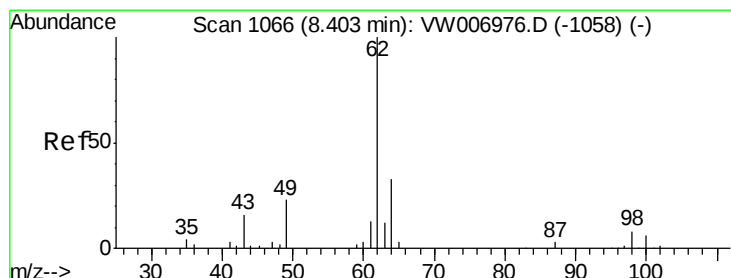
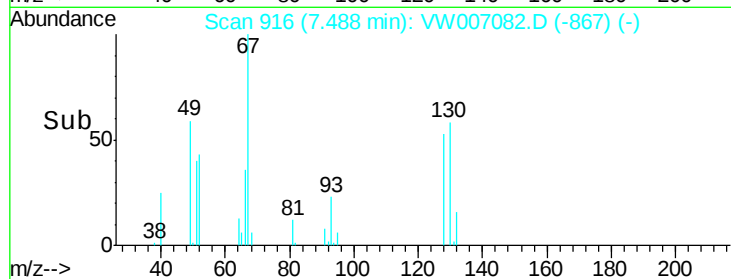
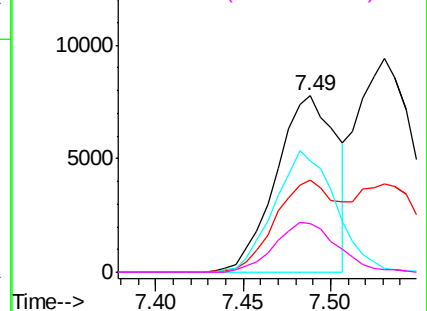
Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.8	48.6	73.0
67	70.1	59.8	89.8
52	29.1	24.8	37.2

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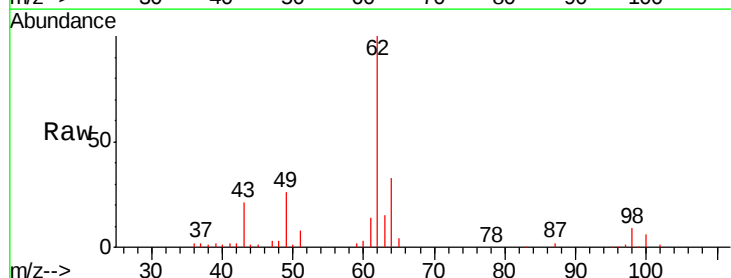


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

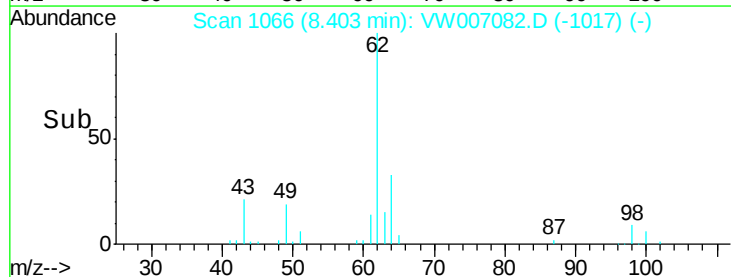
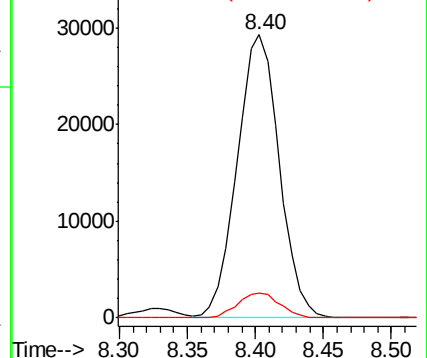


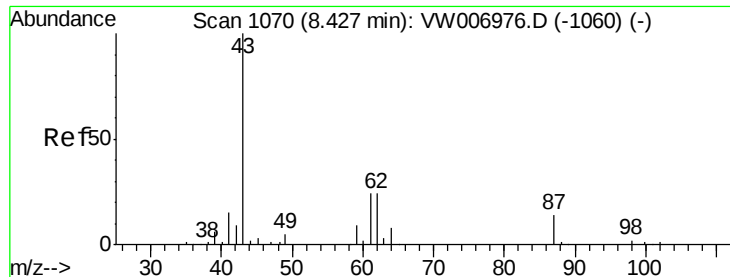
#42
1,2-Dichloroethane
Concen: 49.28 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 50.85 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

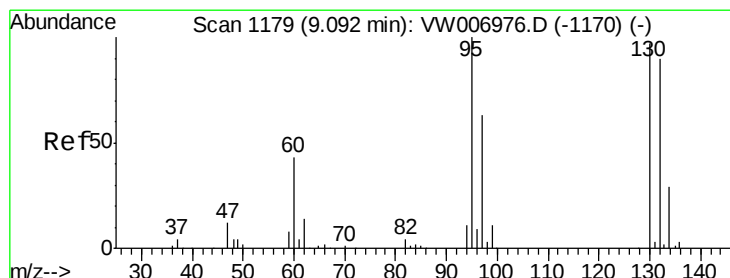
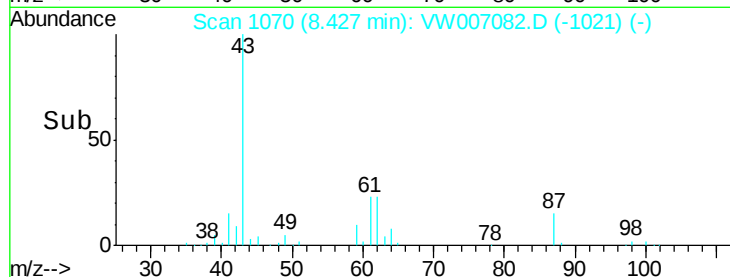
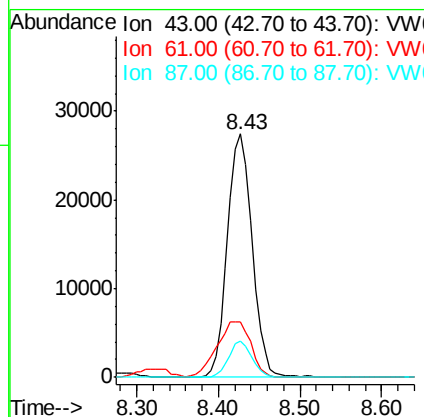
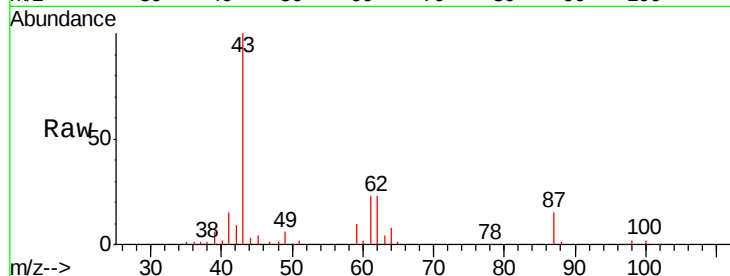
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	57521
Ion	Ratio	Lower	Upper
43	100		
61	31.3	26.1	39.1
87	14.0	11.2	16.8

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#44

Trichloroethene

Concen: 51.28 ug/l

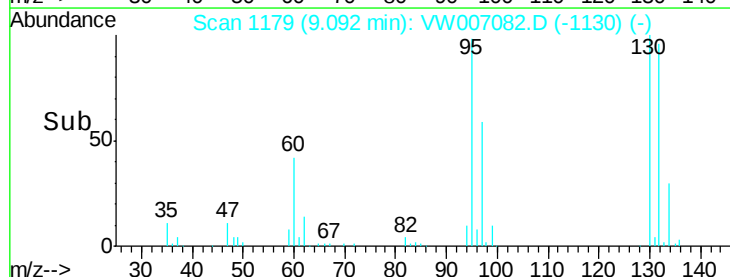
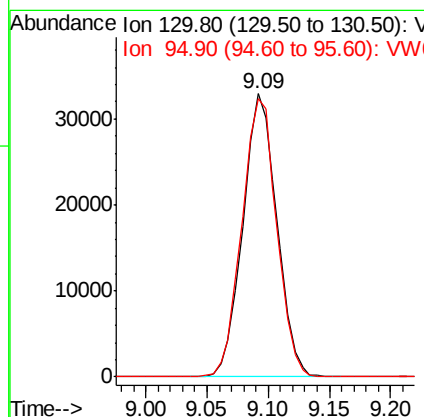
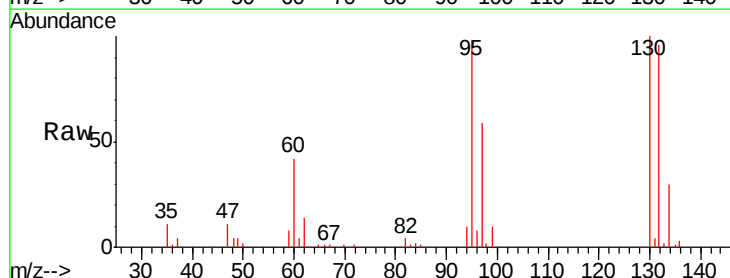
RT: 9.09 min Scan# 1179

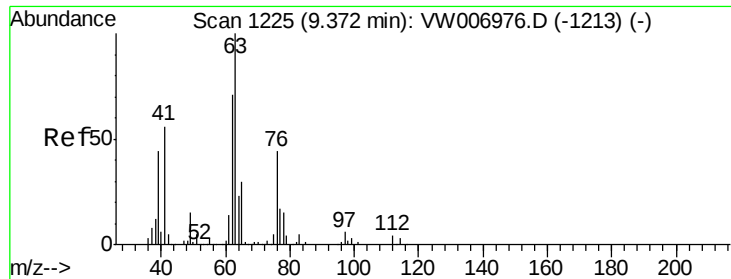
Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Tgt Ion:	130	Resp:	63567
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	206.4





#45

1,2-Dichloropropane

Concen: 50.61 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 55167

Ion Ratio Lower Upper

63 100

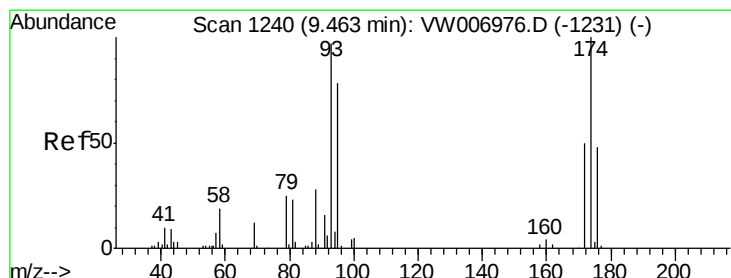
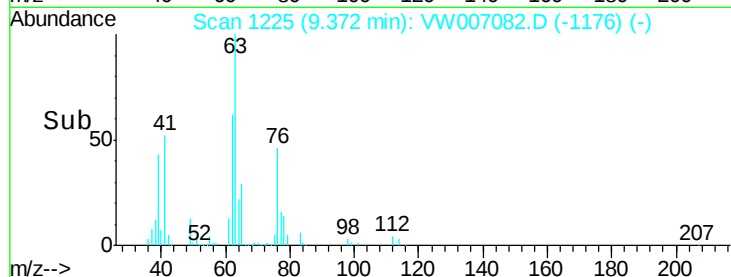
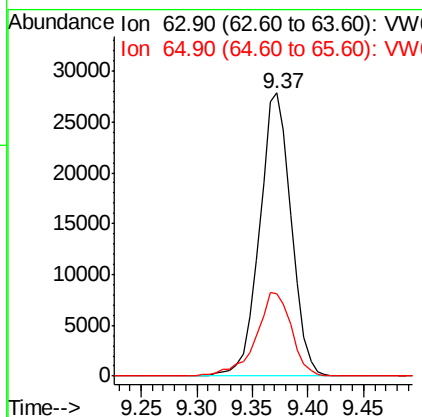
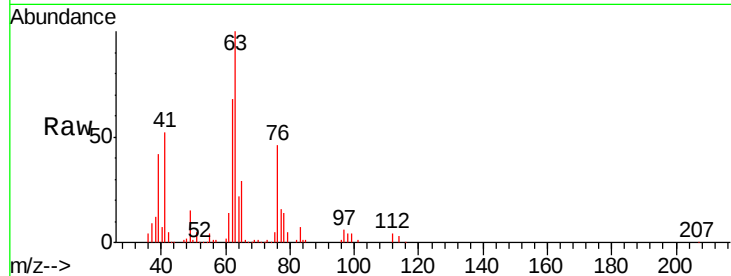
65 29.2 24.4 36.6

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#46

Dibromomethane

Concen: 50.03 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

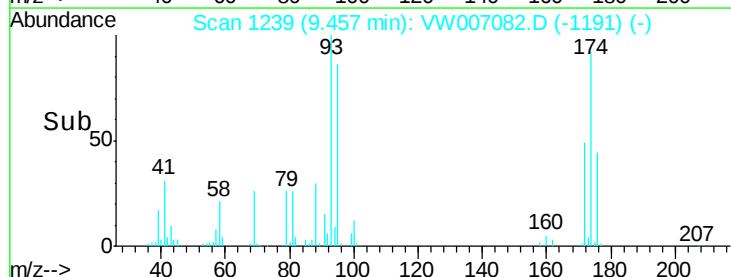
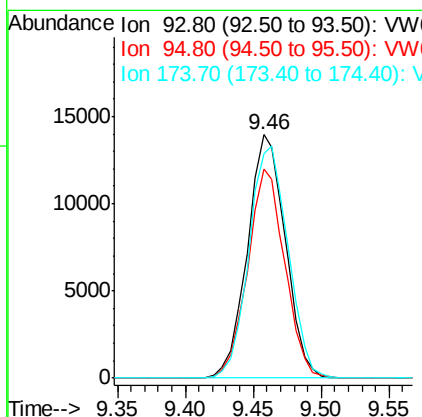
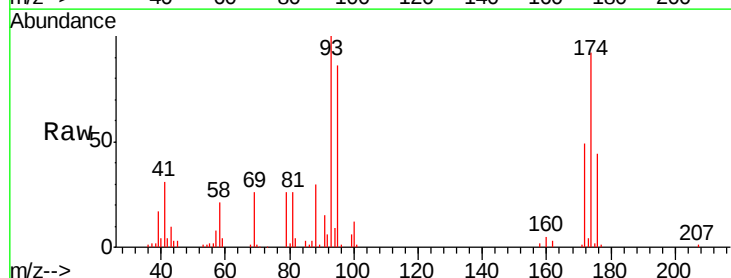
Tgt Ion: 93 Resp: 27308

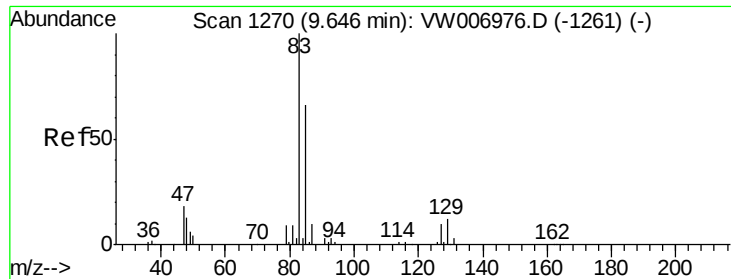
Ion Ratio Lower Upper

93 100

95 83.8 66.1 99.1

174 97.9 79.7 119.5





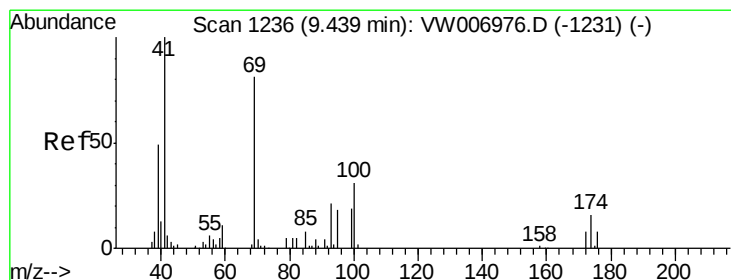
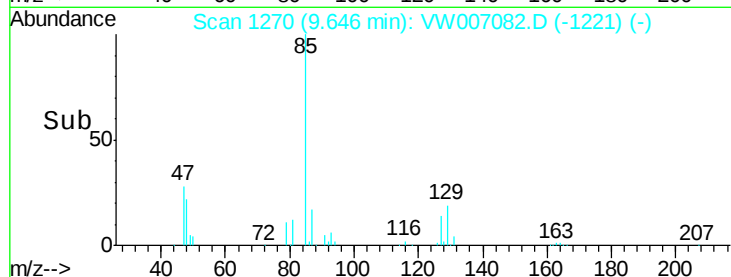
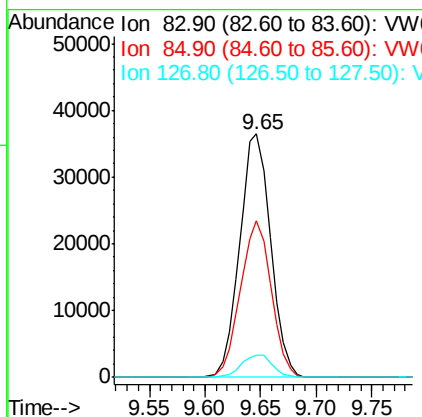
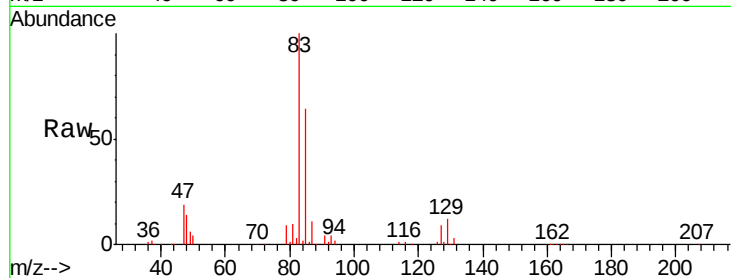
#47
Bromodichloromethane
Concen: 49.02 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.9	79.3
127	9.0	7.8	11.6

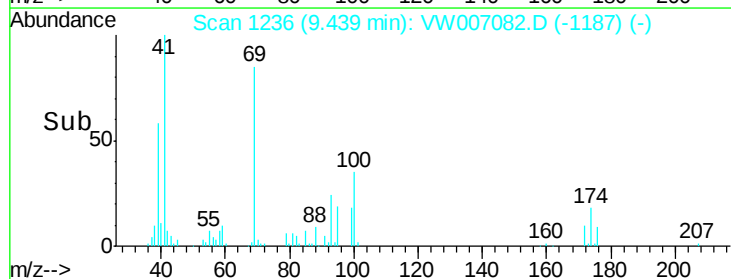
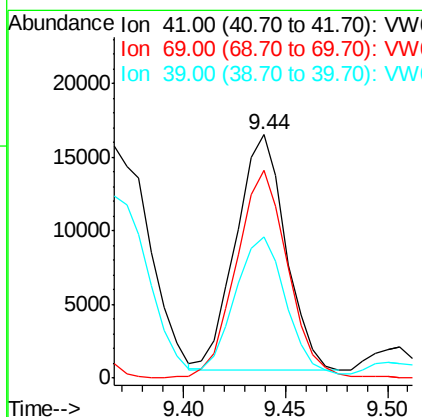
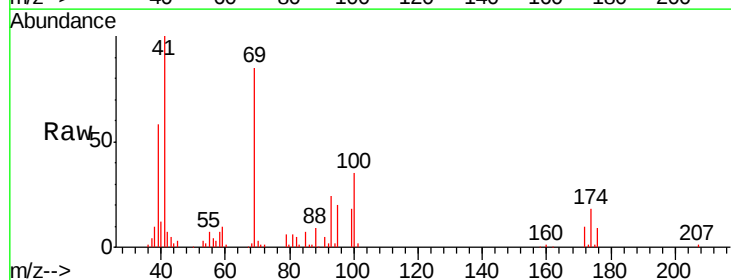
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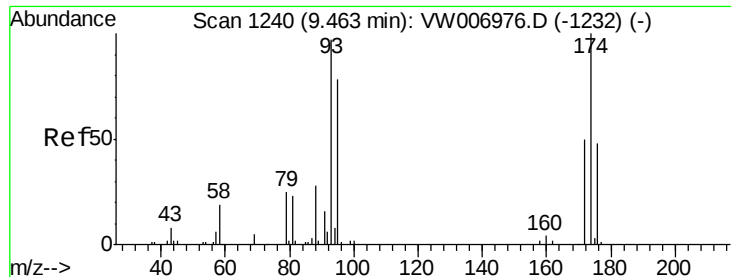
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#48
Methyl methacrylate
Concen: 49.68 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.7	71.4	107.0
39	59.8	44.8	67.2





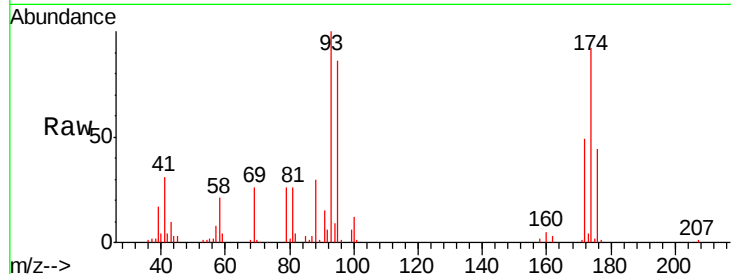
#49
1,4-Dioxane
Concen: 1129.81 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

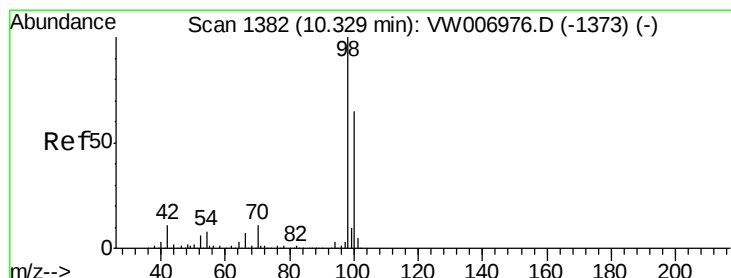
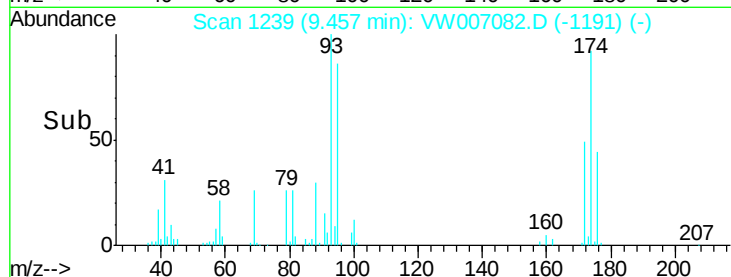
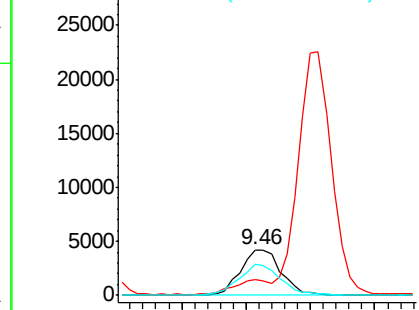
Tgt Ion: 88 Resp: 9166
Ion Ratio Lower Upper
88 100
43 32.2 0.0 0.0#
58 70.5 59.0 88.6

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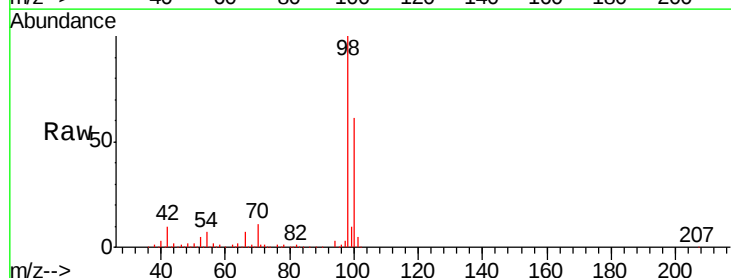


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

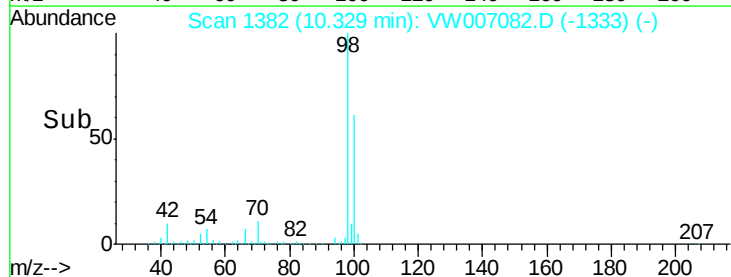
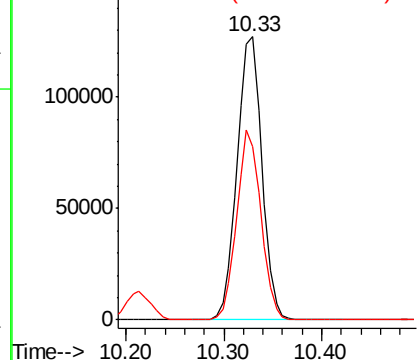


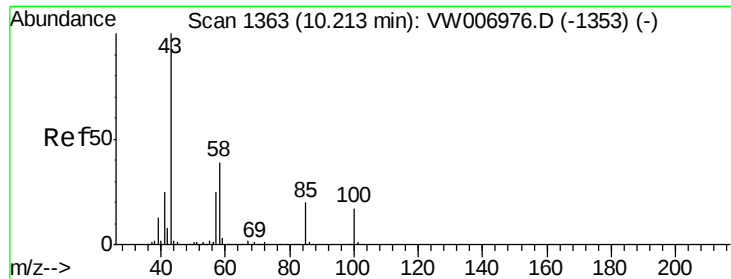
#50
Toluene-d8
Concen: 53.79 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion: 98 Resp: 224842
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





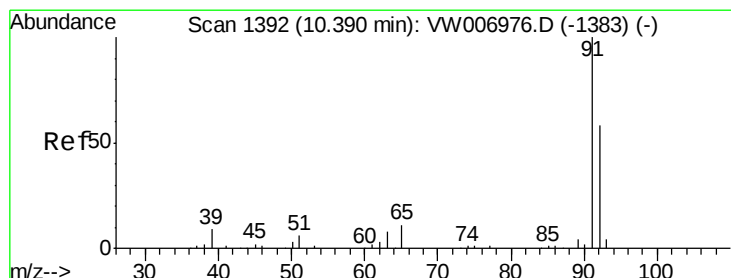
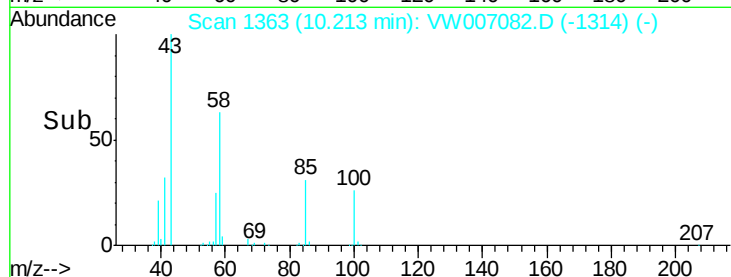
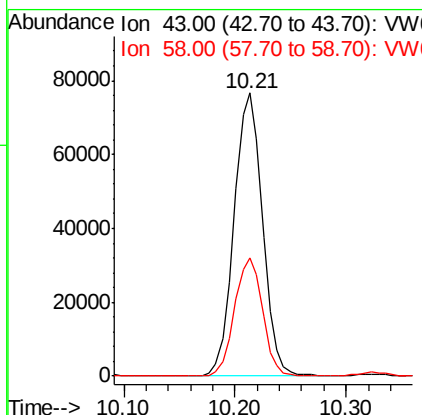
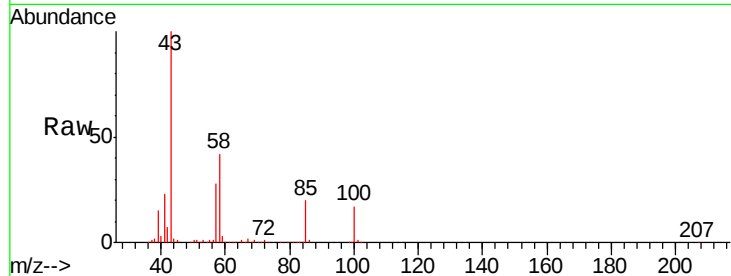
#51
 4-Methyl-2-Pentanone
 Concen: 236.61 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 135254
 Ion Ratio Lower Upper
 43 100
 58 41.4 31.8 47.6

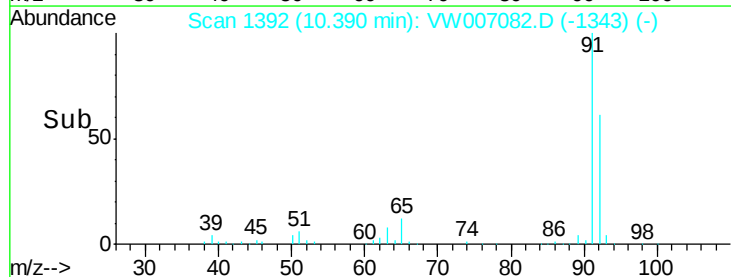
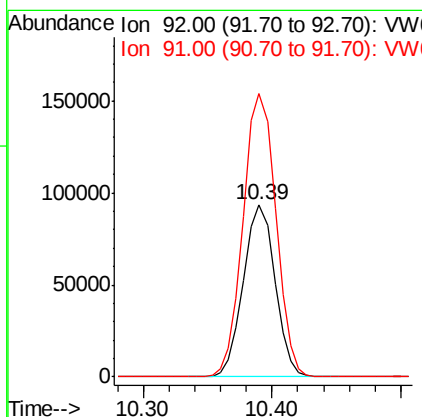
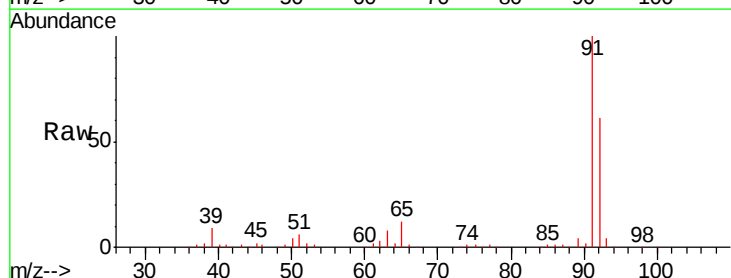
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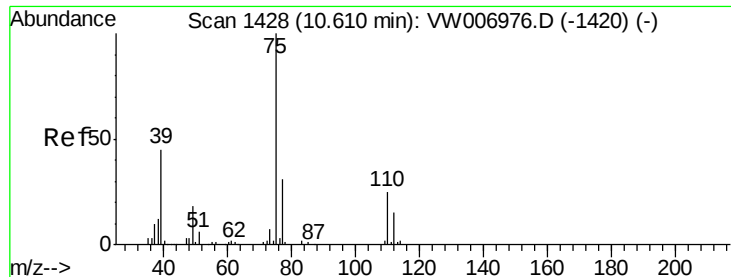
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#52
 Toluene
 Concen: 53.05 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Tgt Ion: 92 Resp: 159622
 Ion Ratio Lower Upper
 92 100
 91 170.2 137.3 205.9





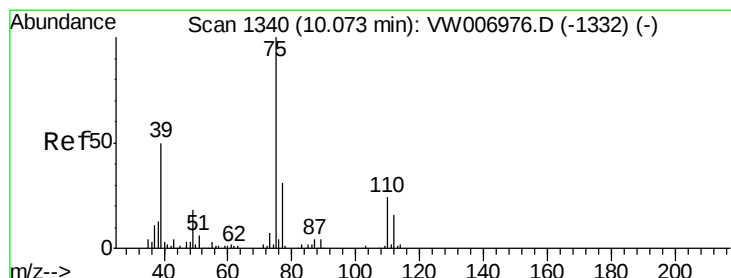
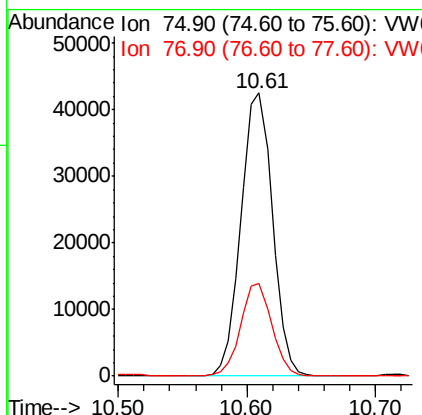
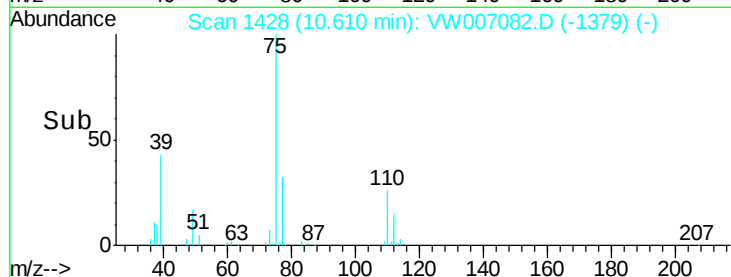
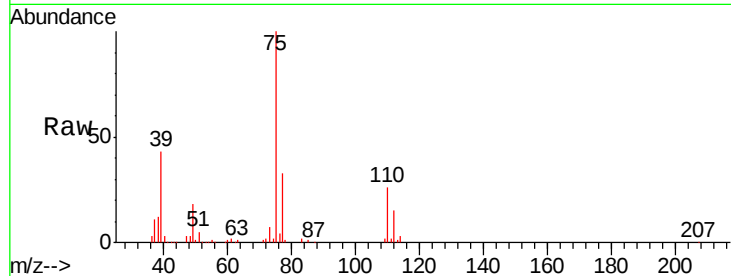
#53
t-1,3-Dichloropropene
Concen: 51.67 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 71982
Ion Ratio Lower Upper
75 100
77 32.6 24.7 37.1

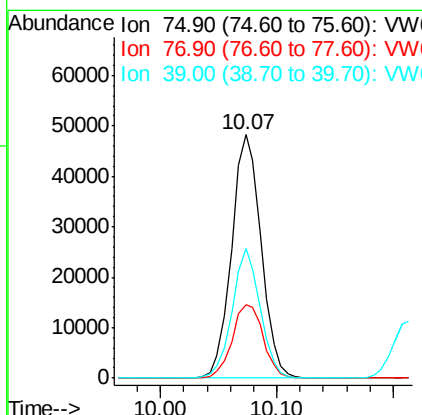
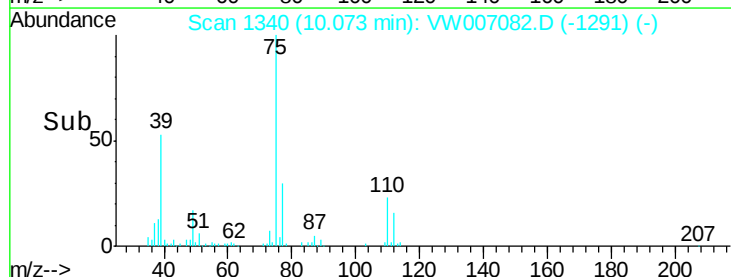
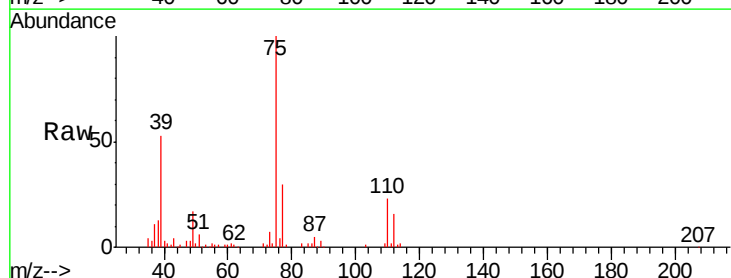
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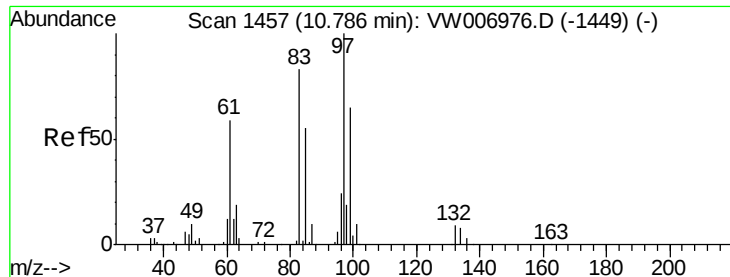
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#54
cis-1,3-Dichloropropene
Concen: 50.52 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion: 75 Resp: 85034
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.6
39 53.3 39.9 59.9





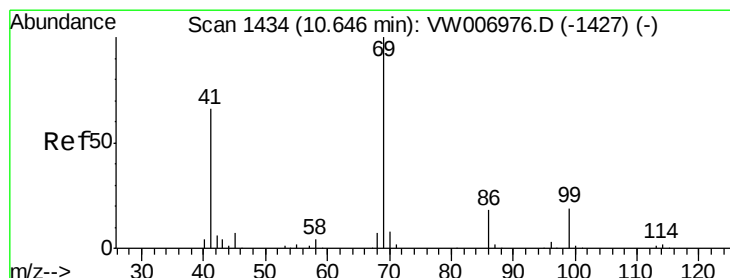
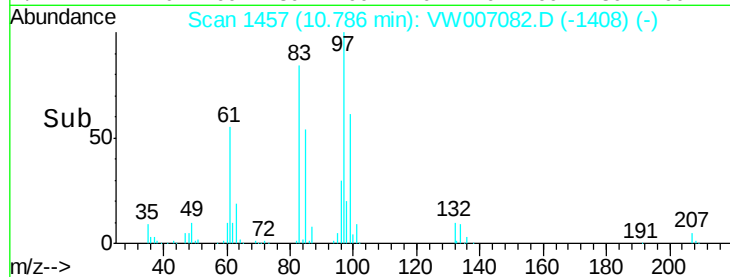
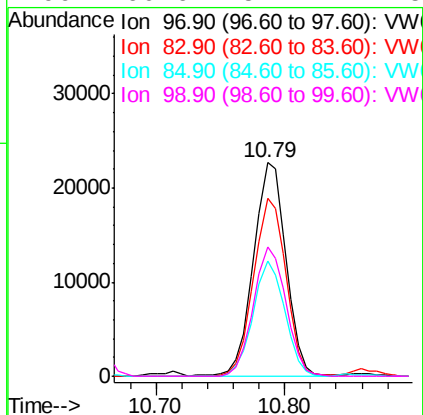
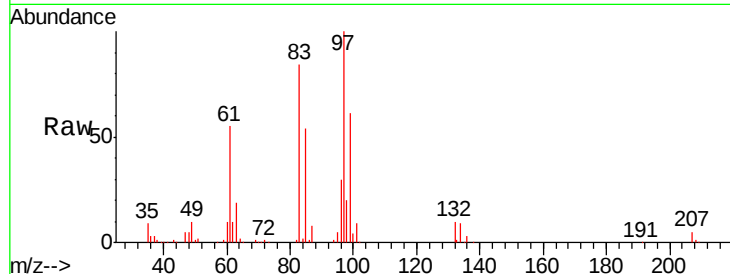
#55
 1,1,2-Trichloroethane
 Concen: 49.36 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	39640		
83	83.6	66.4	99.6	
85	53.8	44.1	66.1	
99	60.6	51.7	77.5	

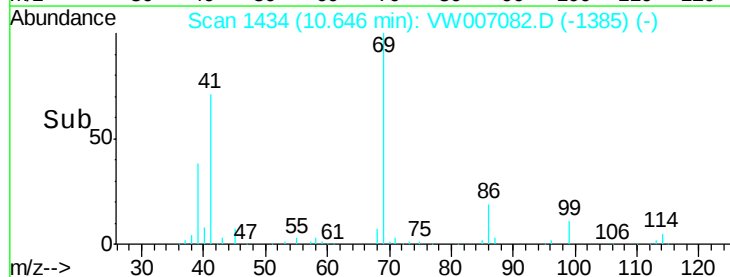
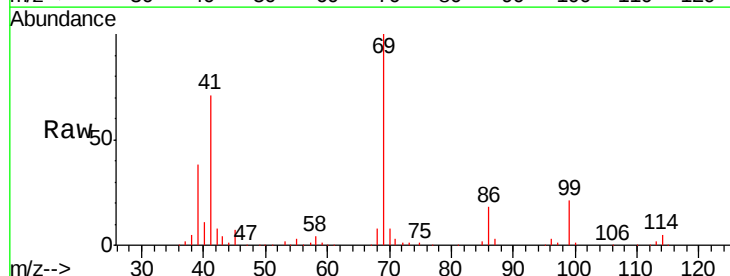
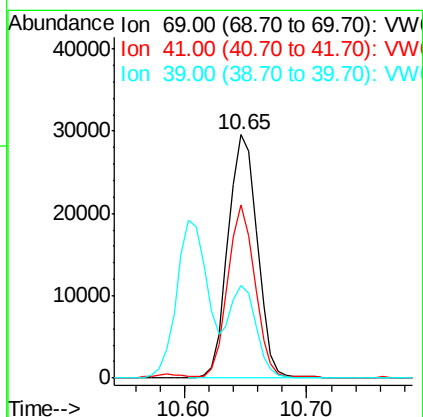
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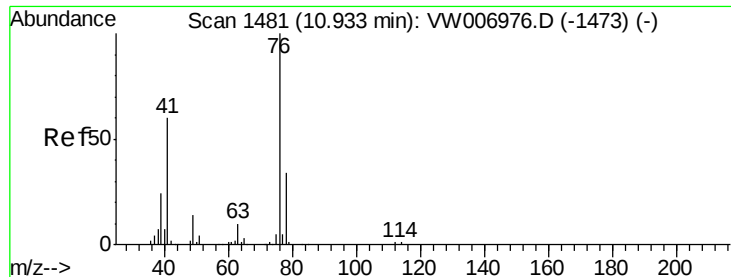
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#56
 Ethyl methacrylate
 Concen: 52.35 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	48797		
41	66.9	53.4	80.0	
39	35.5	28.2	42.4	





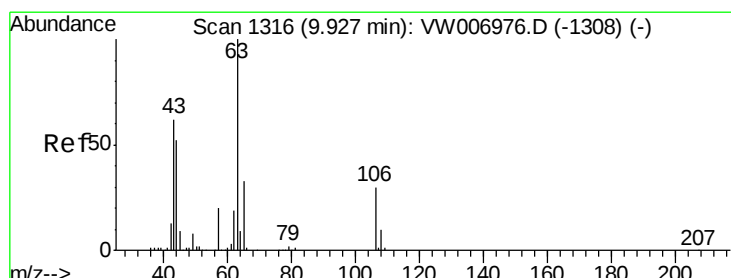
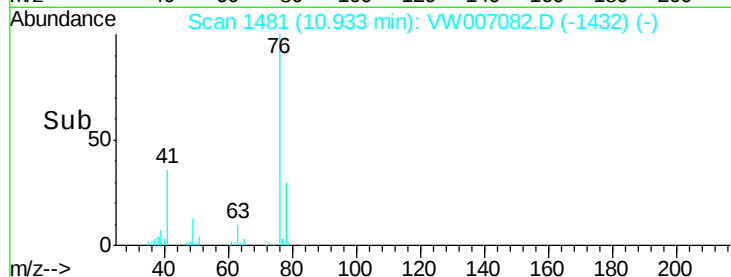
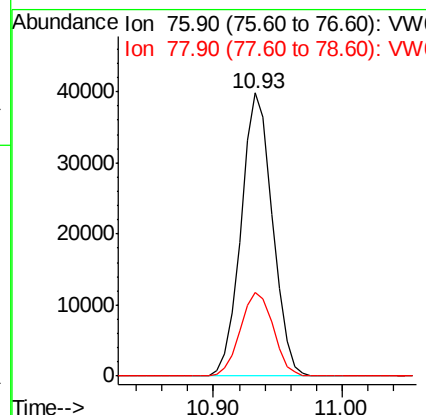
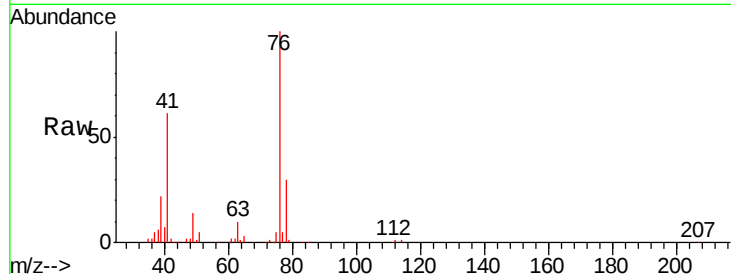
#57
 1,3-Dichloropropane
 Concen: 49.81 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 67030
 Ion Ratio Lower Upper
 76 100
 78 31.1 25.8 38.6

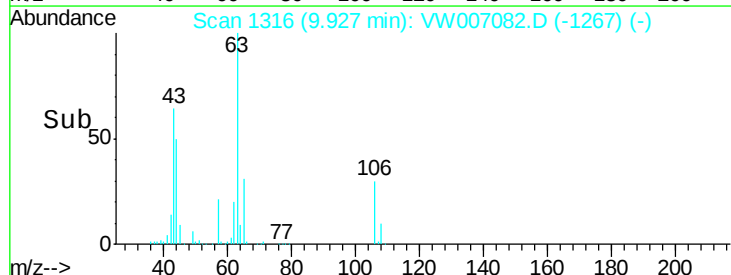
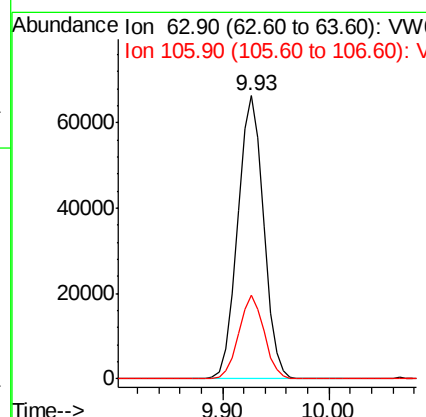
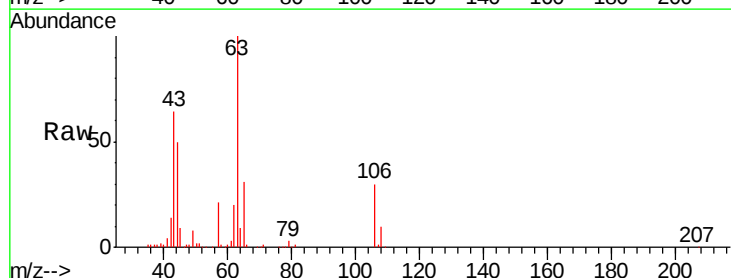
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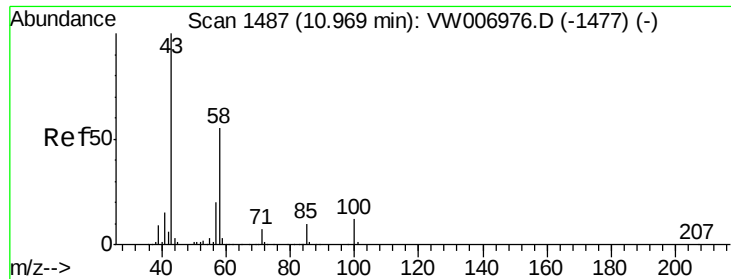
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#58
 2-Chloroethyl Vinyl ether
 Concen: 232.92 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Tgt Ion: 63 Resp: 113461
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.5 35.3





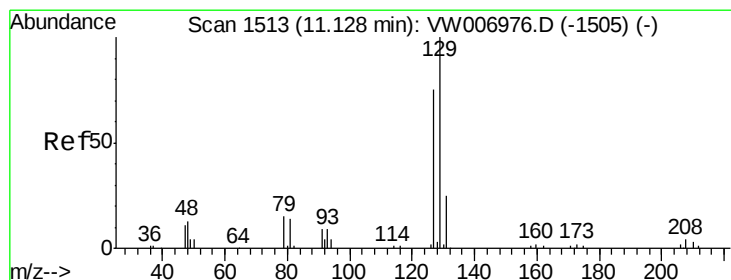
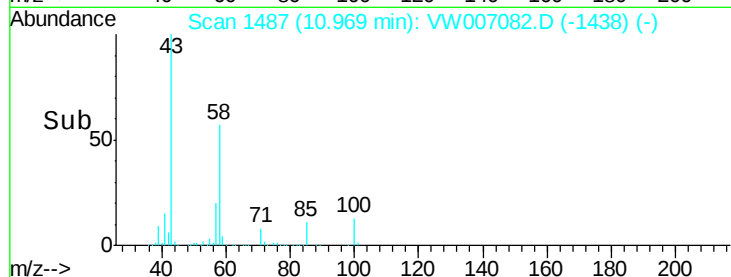
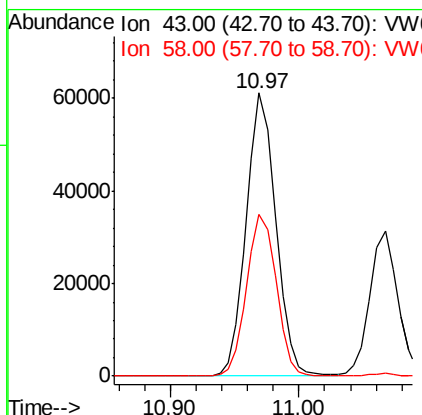
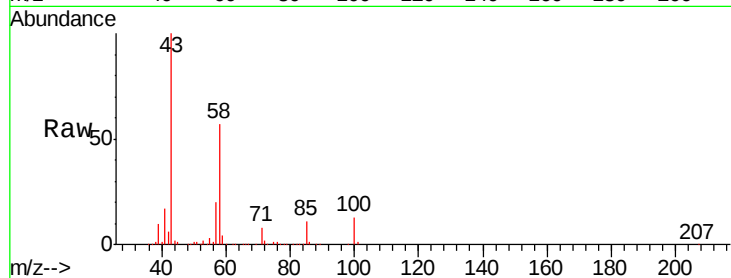
#59
2-Hexanone
Concen: 249.22 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 97558
Ion Ratio Lower Upper
43 100
58 56.9 27.3 81.8

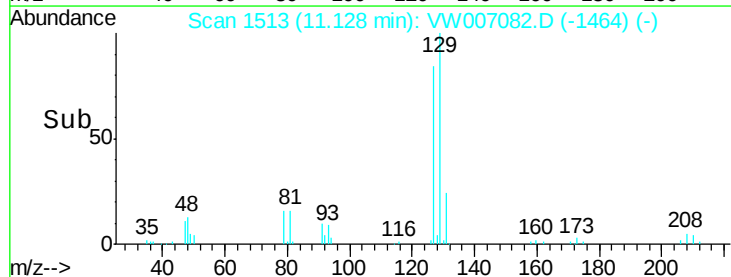
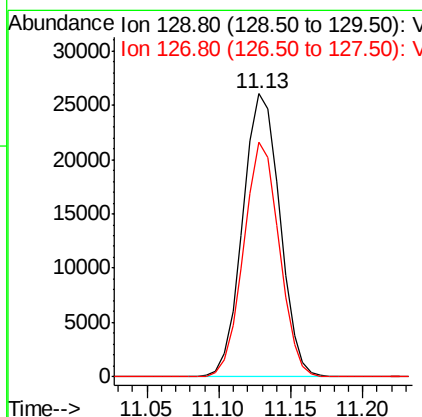
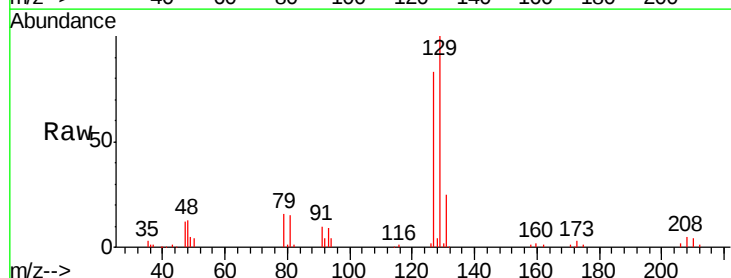
Manual Integrations
APPROVED

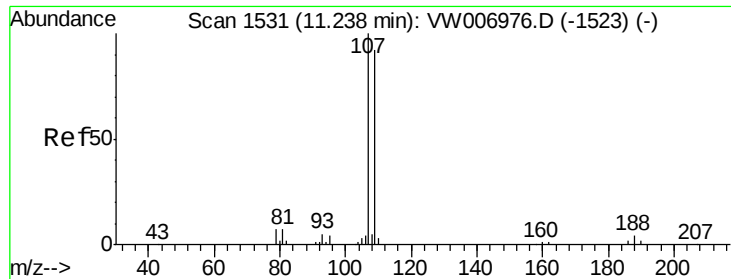
apatel
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#60
Dibromochloromethane
Concen: 50.87 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion: 129 Resp: 46550
Ion Ratio Lower Upper
129 100
127 79.4 38.3 114.8





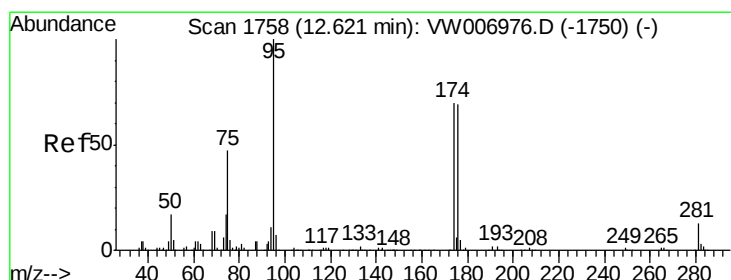
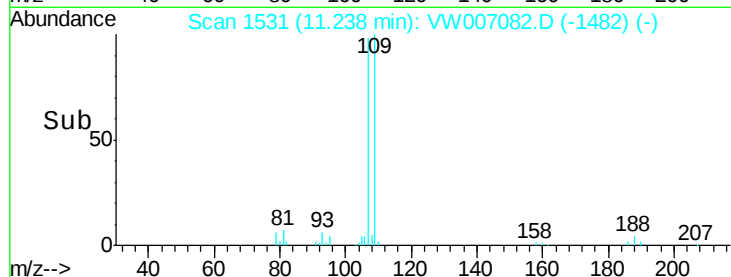
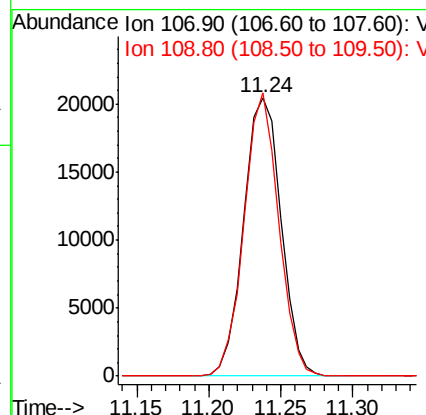
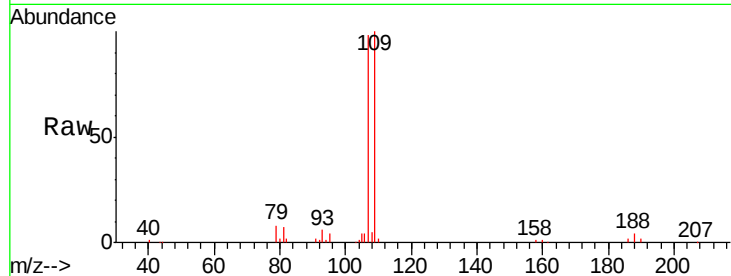
#61
 1,2-Dibromoethane
 Concen: 50.12 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.1	112.7

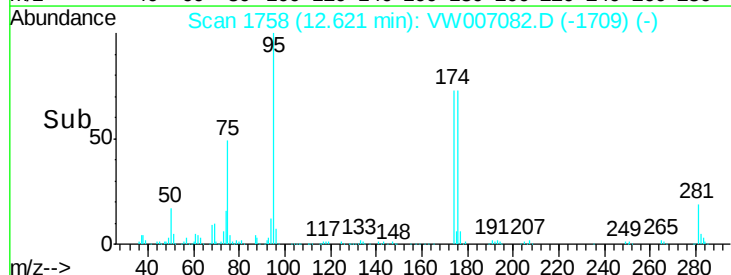
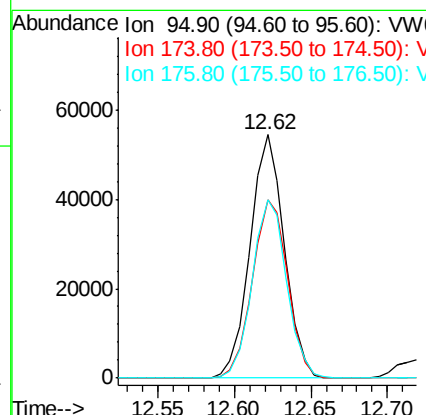
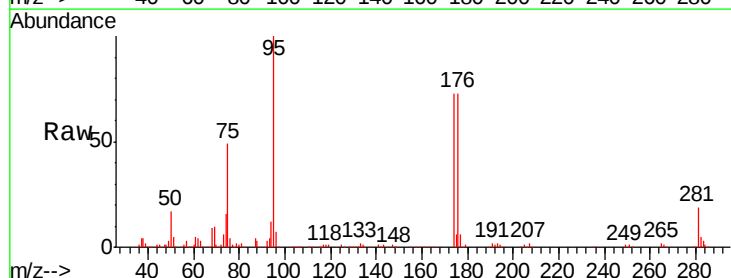
Manual Integrations
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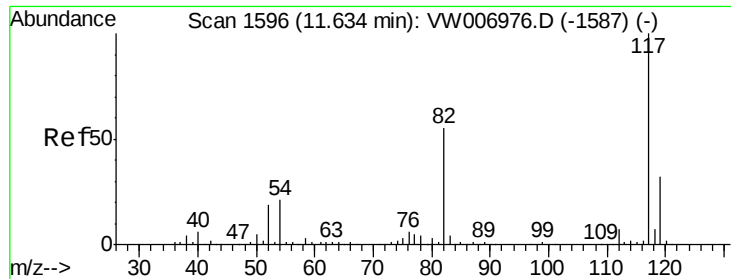
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.41 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	143.6
176	73.7	0.0	140.4





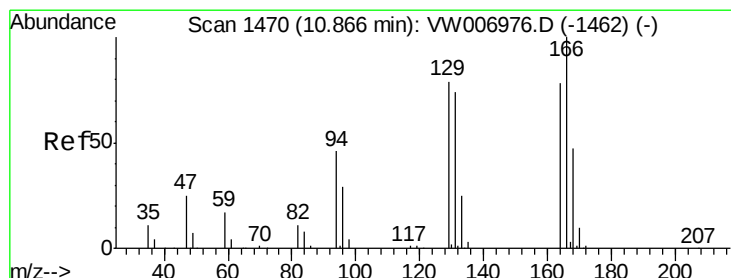
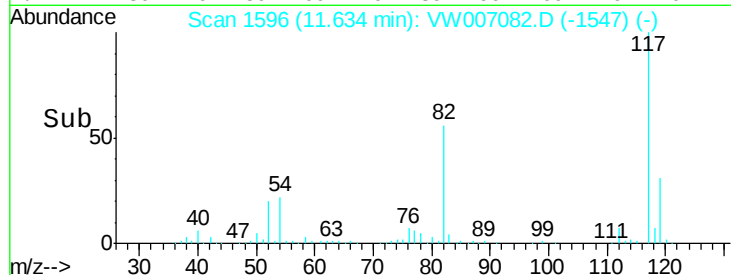
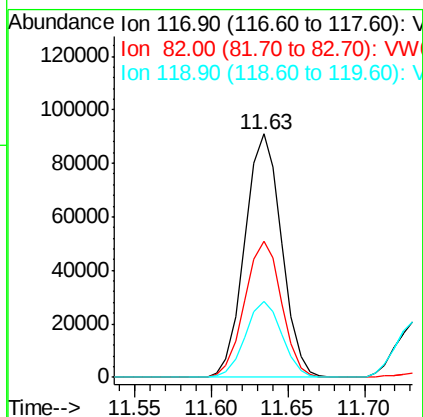
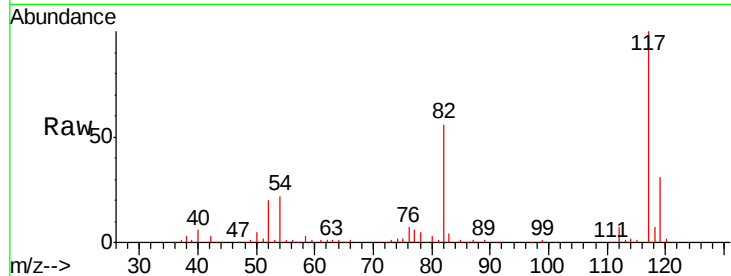
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.2	66.2
119	31.2	25.9	38.9

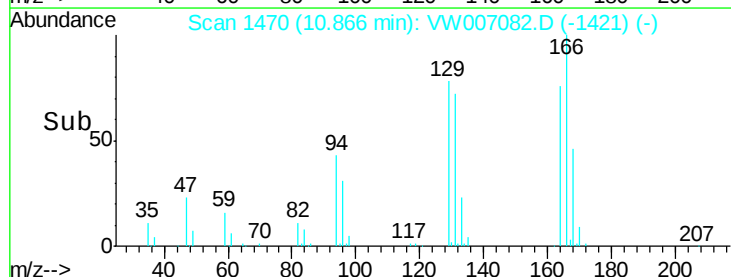
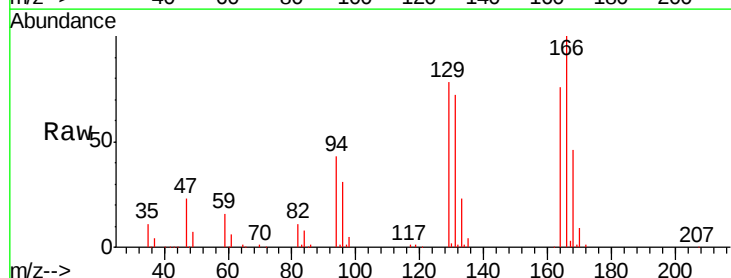
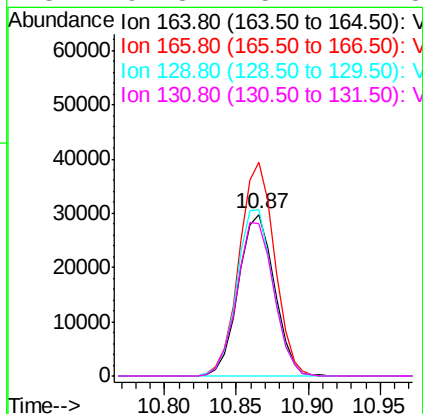
Manual Integrations
APPROVED

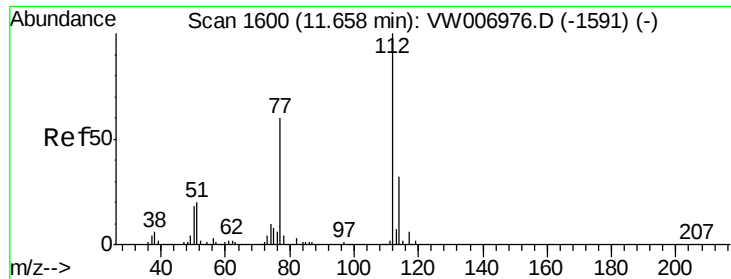
apatel
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#64
Tetrachloroethene
Concen: 52.90 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.9	102.1	153.1
129	102.8	80.4	120.6
131	94.3	75.2	112.8





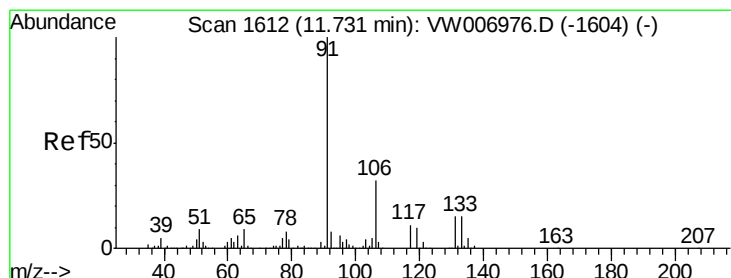
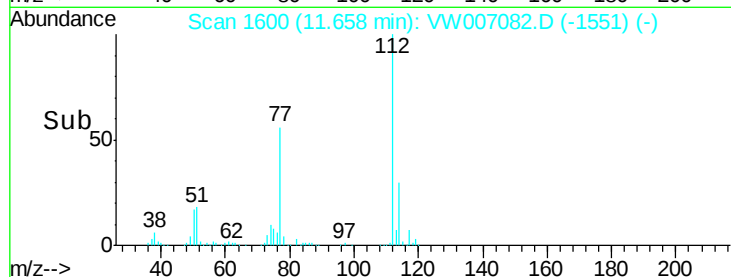
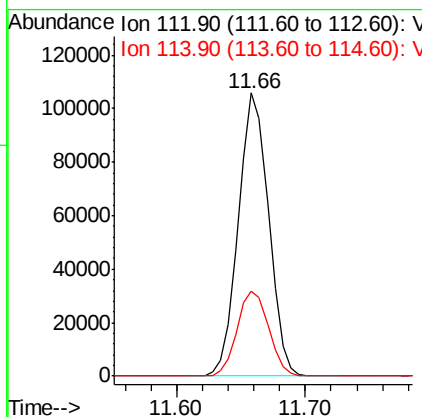
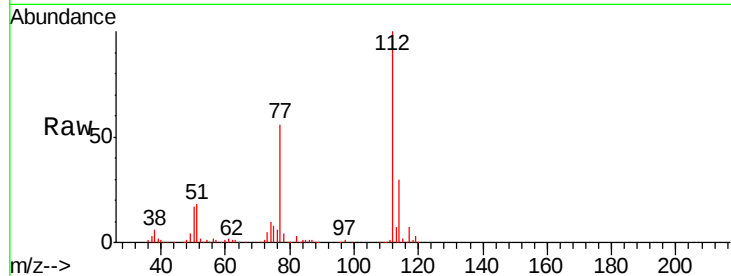
#65
Chlorobenzene
Concen: 54.36 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 172342
Ion Ratio Lower Upper
112 100
114 29.9 25.8 38.8

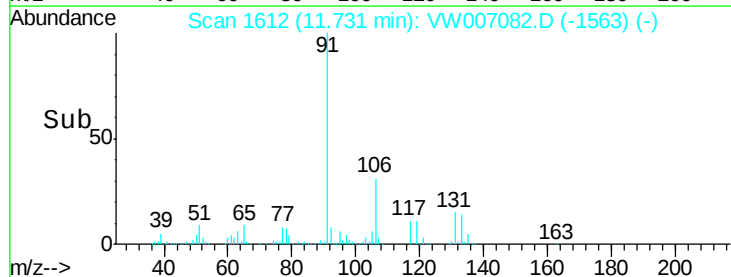
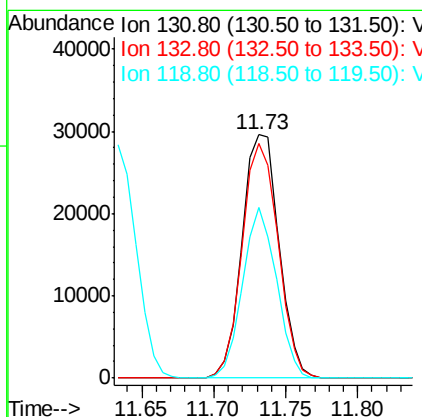
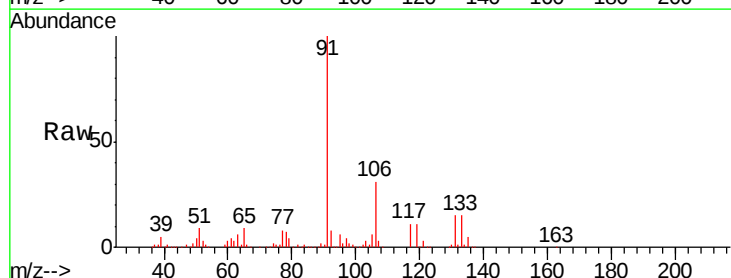
Manual Integrations
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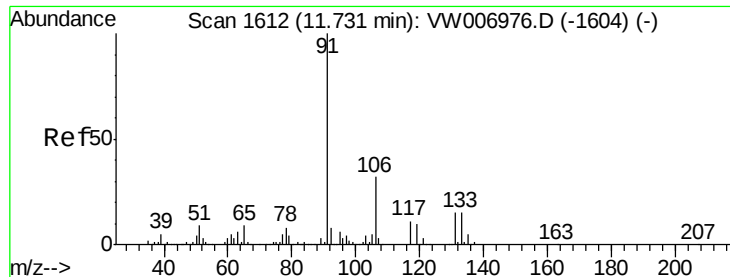
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.68 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion:131 Resp: 52446
Ion Ratio Lower Upper
131 100
133 94.3 47.7 143.1
119 64.4 31.8 95.3





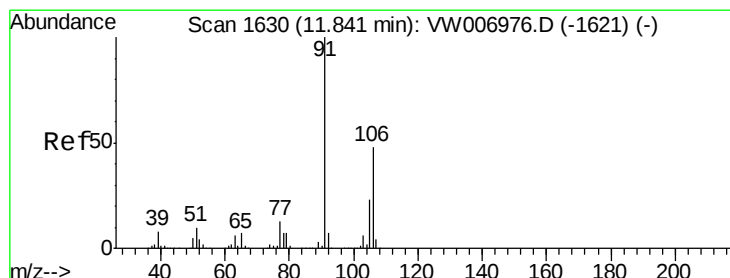
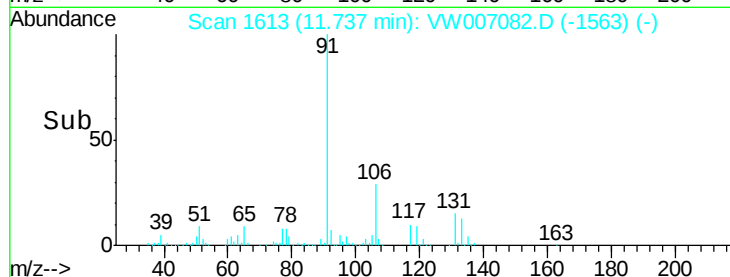
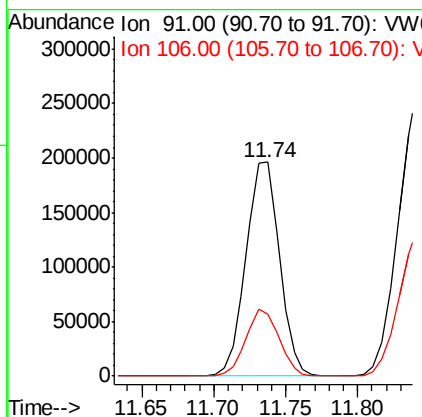
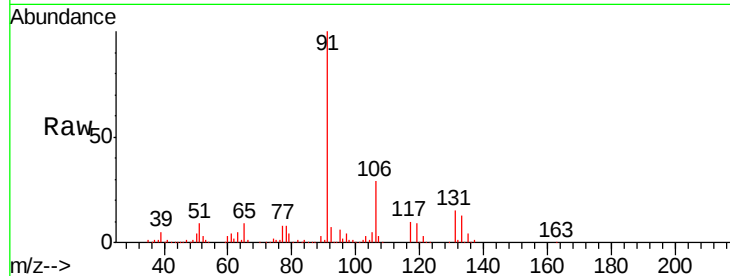
#67
Ethyl Benzene
Concen: 54.38 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 316716
Ion Ratio Lower Upper
91 100
106 28.9 25.4 38.2

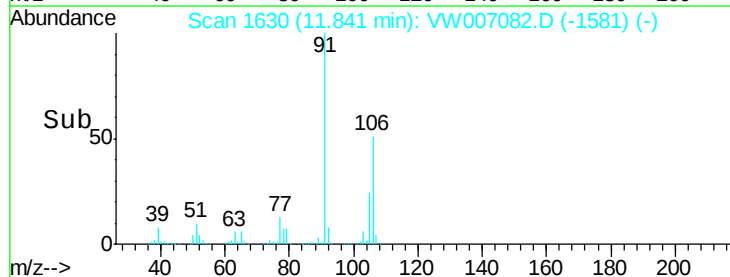
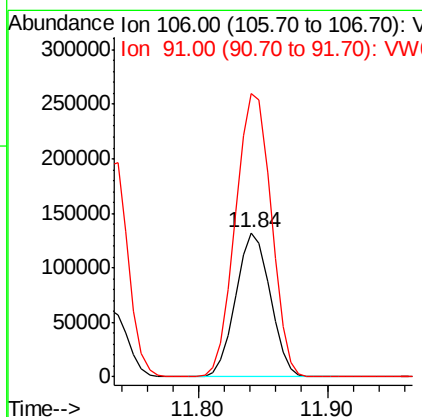
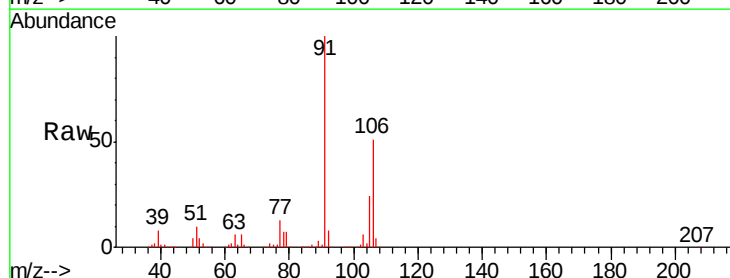
Manual Integrations
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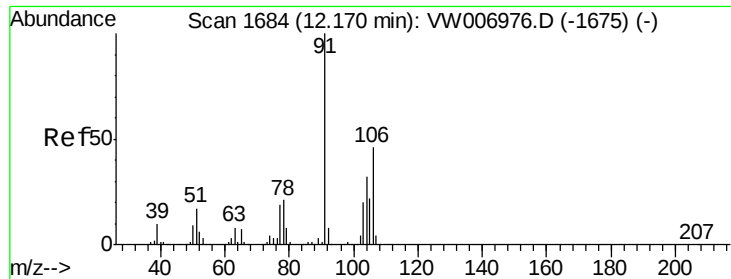
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#68
m/p-Xylenes
Concen: 107.26 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion: 106 Resp: 245103
Ion Ratio Lower Upper
106 100
91 204.3 164.8 247.2





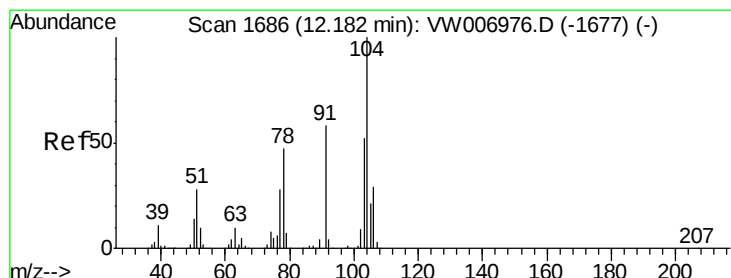
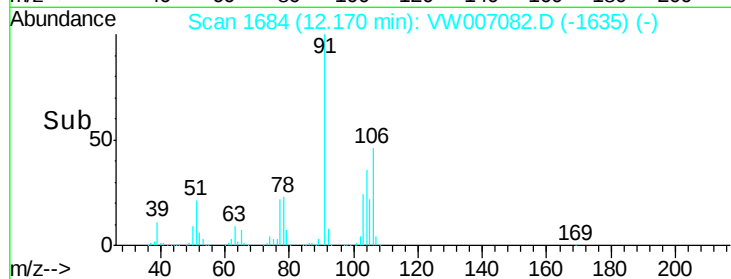
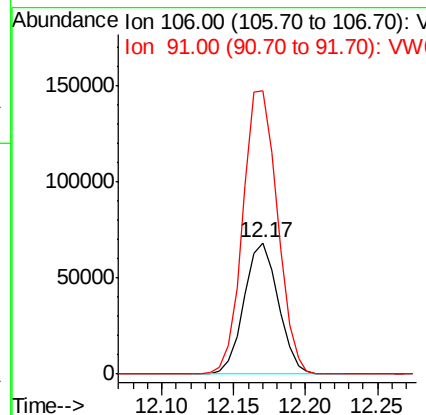
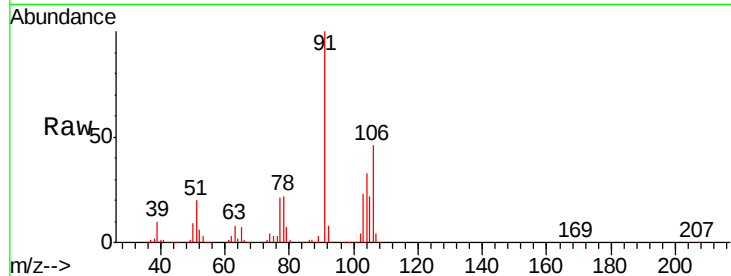
#69
o-Xylene
Concen: 52.18 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 112418
Ion Ratio Lower Upper
106 100
91 218.8 107.9 323.8

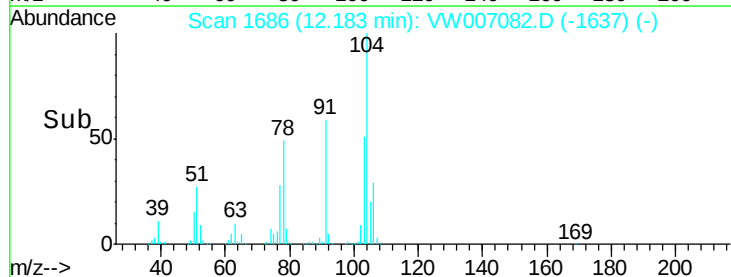
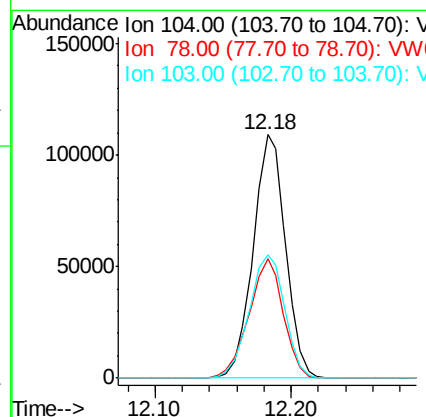
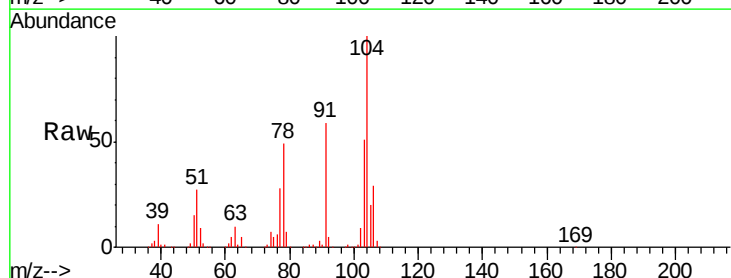
Manual Integrations
APPROVED

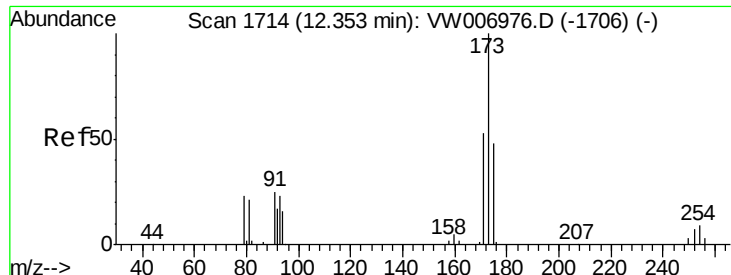
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#70
Styrene
Concen: 53.00 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion:104 Resp: 181752
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 55.8 44.4 66.6





#71

Bromoform

Concen: 53.79 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 24301

Ion Ratio Lower Upper

173 100

175 48.5 24.0 72.0

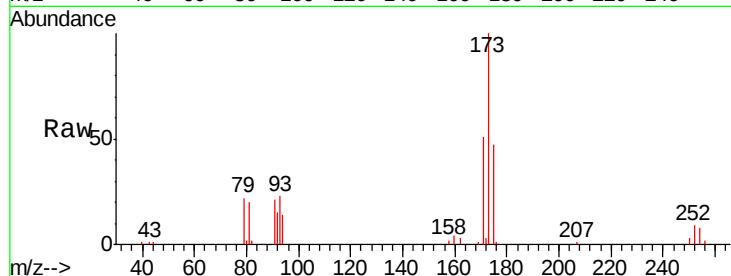
254 0.0 0.0 0.0

Manual Integrations

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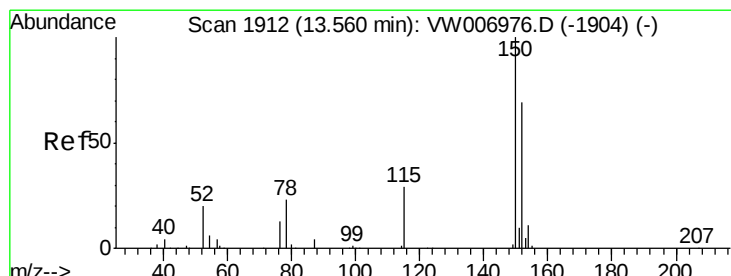
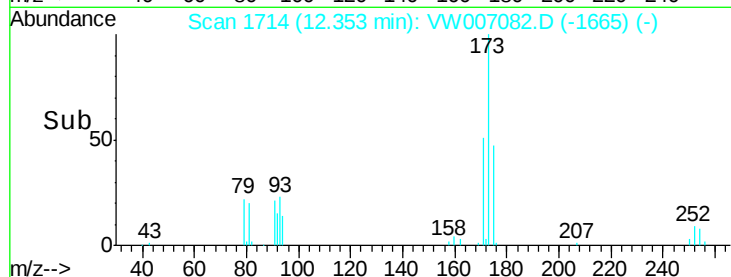
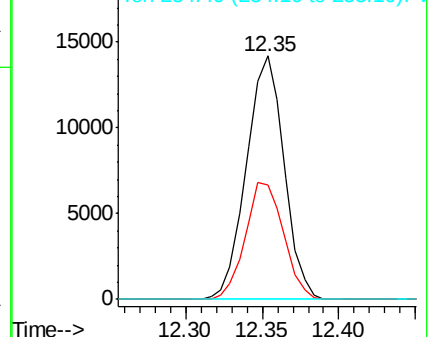
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

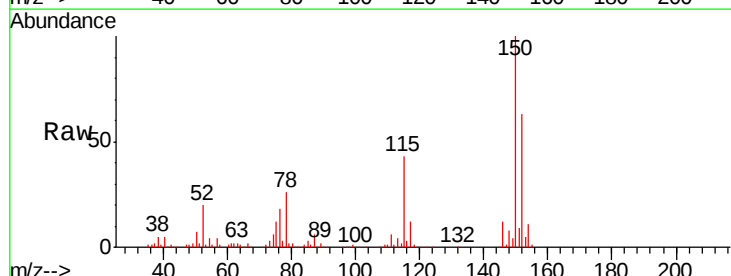
Tgt Ion:152 Resp: 75423

Ion Ratio Lower Upper

152 100

115 63.5 31.4 94.2

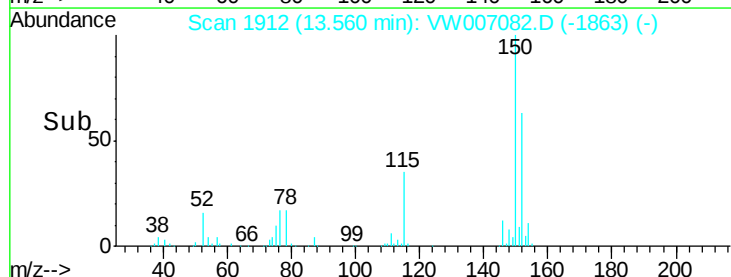
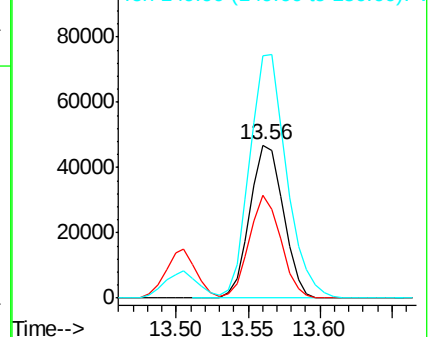
150 174.8 0.0 353.4

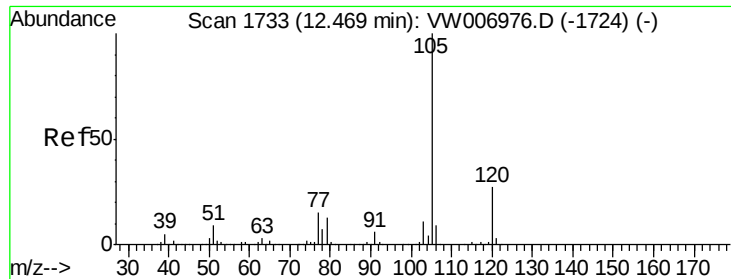


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.81 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 309589

Ion Ratio Lower Upper

105 100

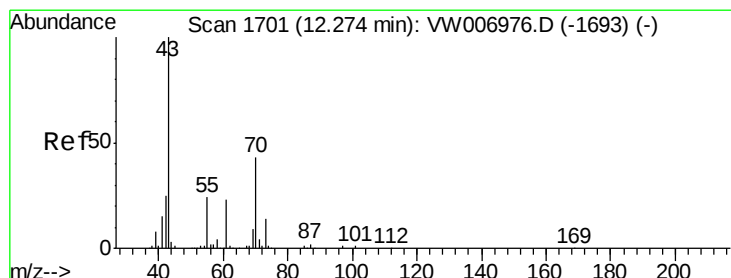
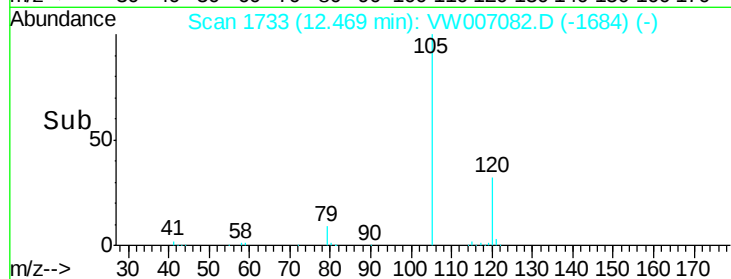
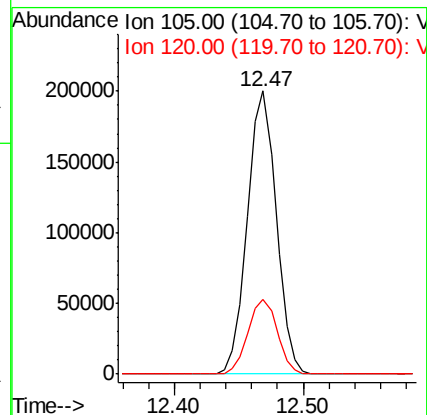
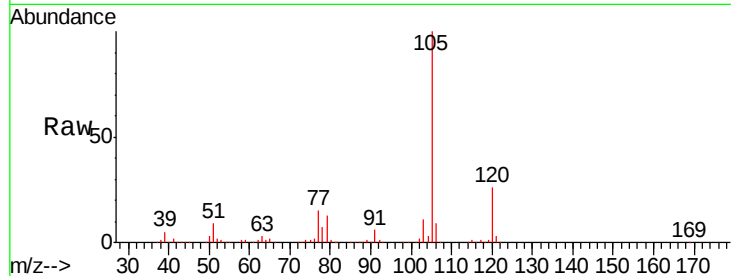
120 26.9 13.3 39.8

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#74

N-ethyl acetate

Concen: 53.31 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Tgt Ion: 43 Resp: 52376

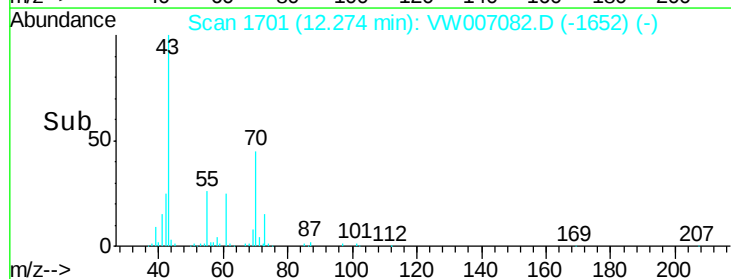
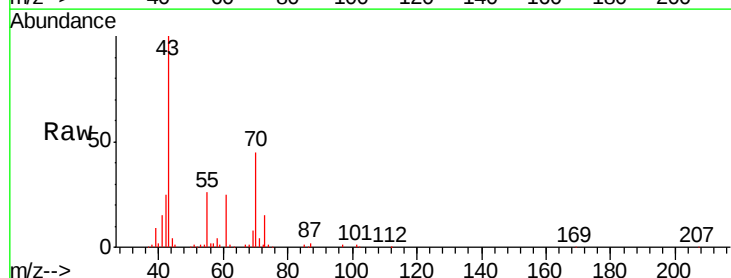
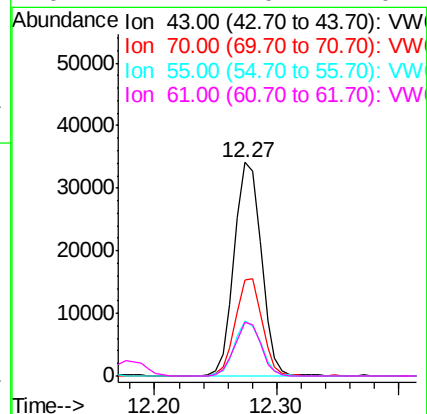
Ion Ratio Lower Upper

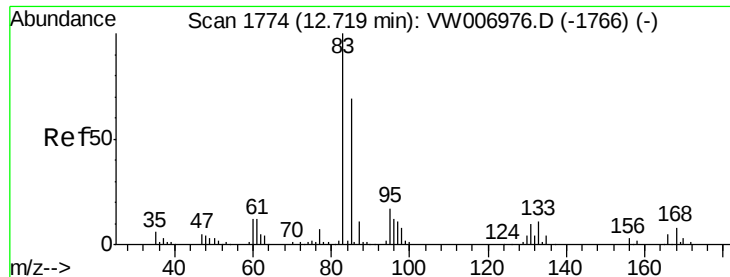
43 100

70 44.8 34.0 51.0

55 25.1 19.4 29.0

61 24.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.84 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 38882

Ion Ratio Lower Upper

83 100

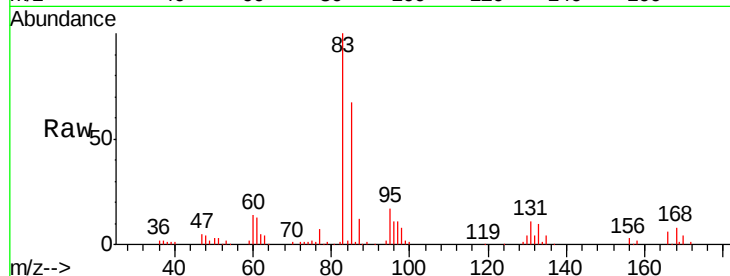
131 12.5 5.7 17.1

85 67.0 33.1 99.2

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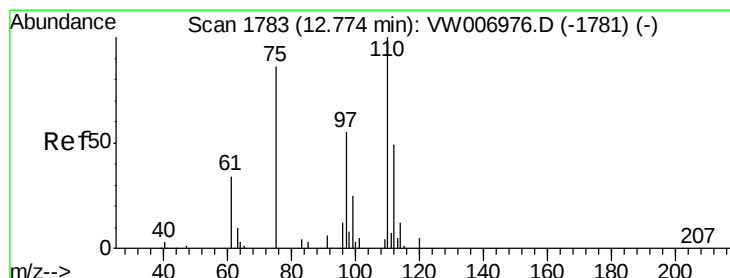
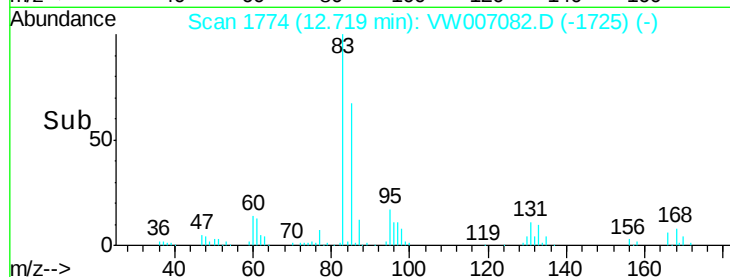
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW

12.72

Time-->



#76

1,2,3-Trichloropropane

Concen: 51.76 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007082.D

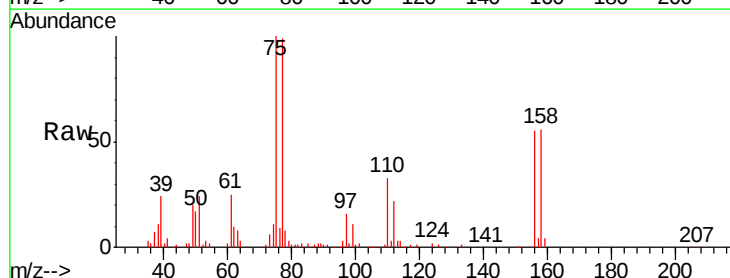
Acq: 27 Nov 2018 12:36

Tgt Ion: 75 Resp: 30678

Ion Ratio Lower Upper

75 100

77 395.9 0.0 0.0#

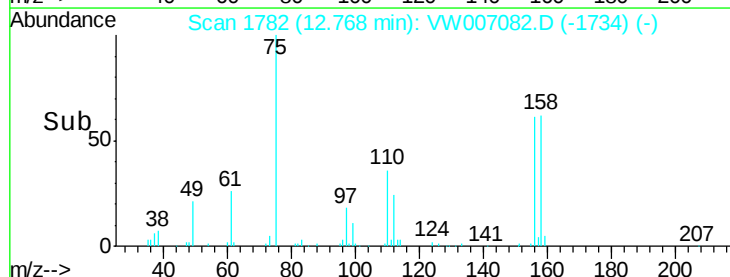


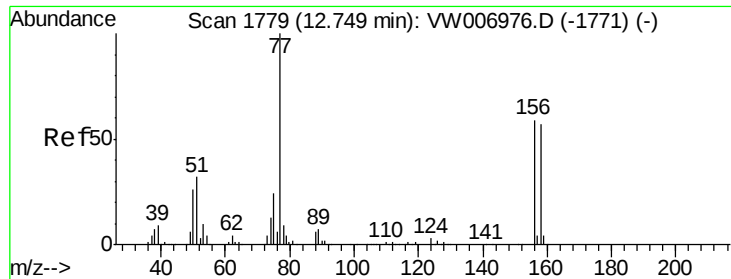
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.77

Time-->





#77

Bromobenzene

Concen: 53.11 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

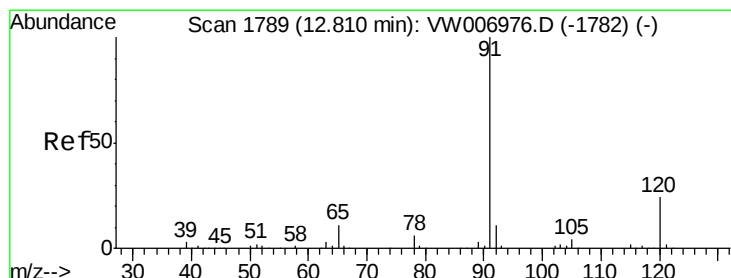
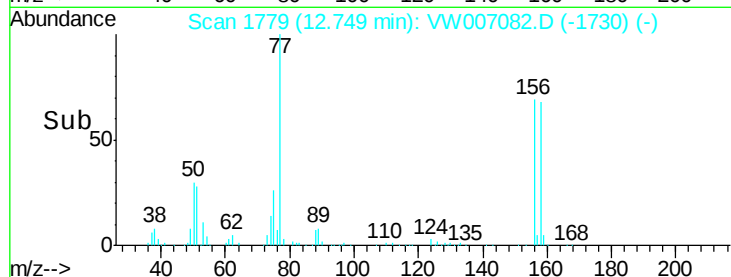
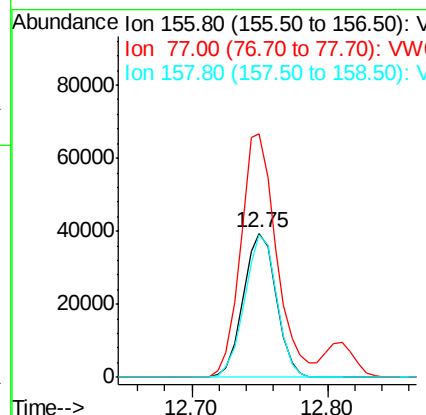
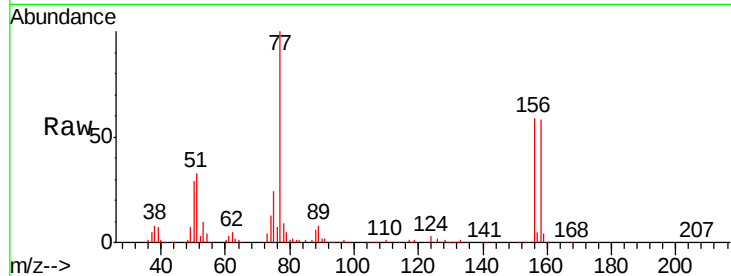
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	181.7	94.6	283.8
158	96.2	48.9	146.7

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#78

n-propylbenzene

Concen: 52.11 ug/l

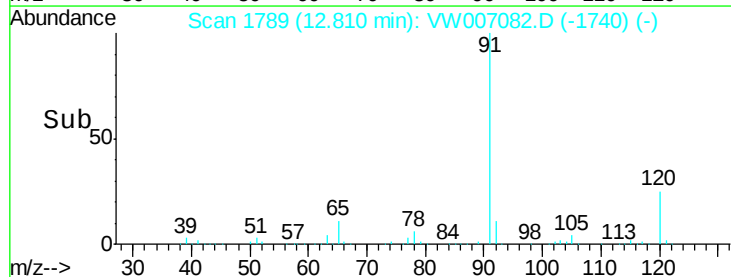
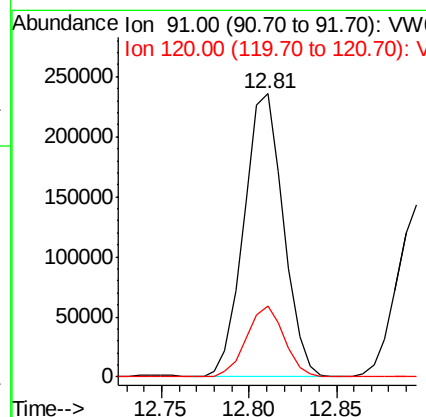
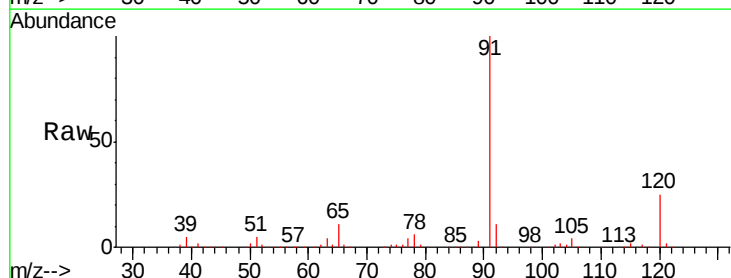
RT: 12.81 min Scan# 1789

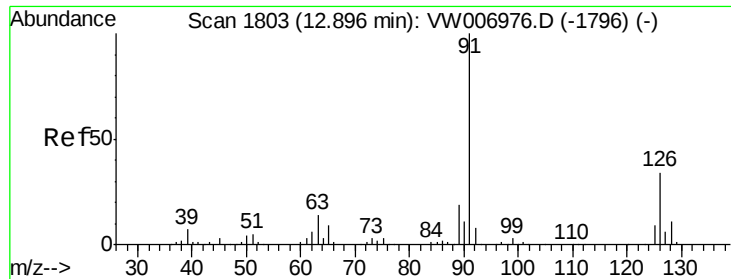
Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.7	35.1





#79

2-Chlorotoluene

Concen: 53.16 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 217658

Ion Ratio Lower Upper

91 100

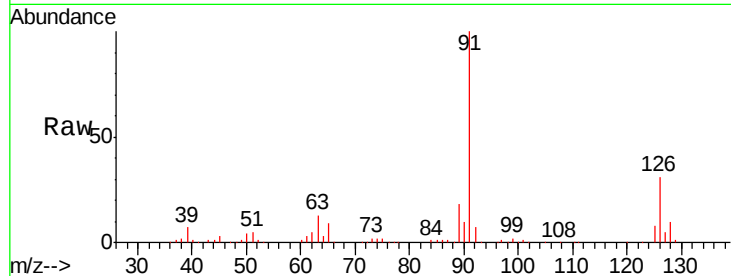
126 32.7 16.7 50.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VW006976.D (-1796) (-)

Ion 125.90 (125.60 to 126.60): VW006976.D (-1796) (-)

200000

150000

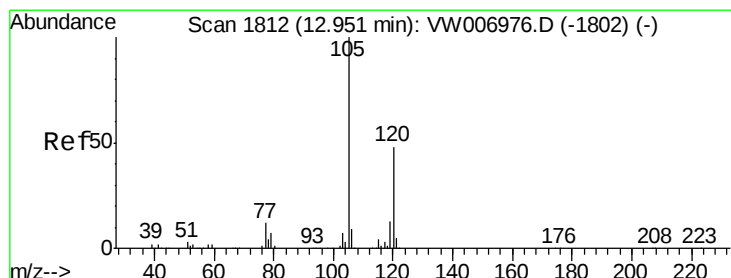
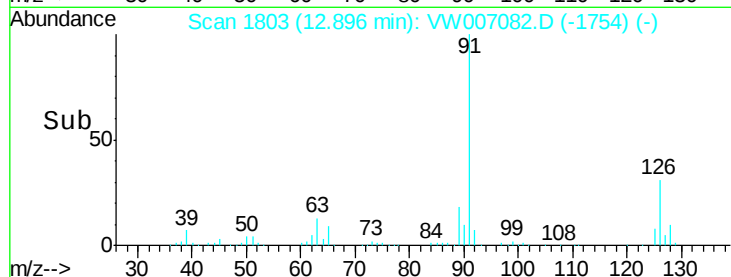
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.92 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW007082.D

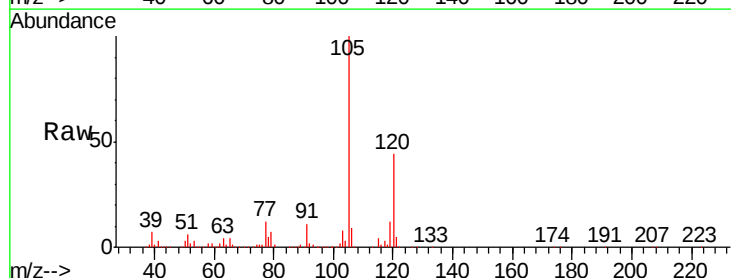
Acq: 27 Nov 2018 12:36

Tgt Ion: 105 Resp: 268244

Ion Ratio Lower Upper

105 100

120 46.8 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): VW006976.D (-1802) (-)

Ion 120.00 (119.70 to 120.70): VW006976.D (-1802) (-)

200000

150000

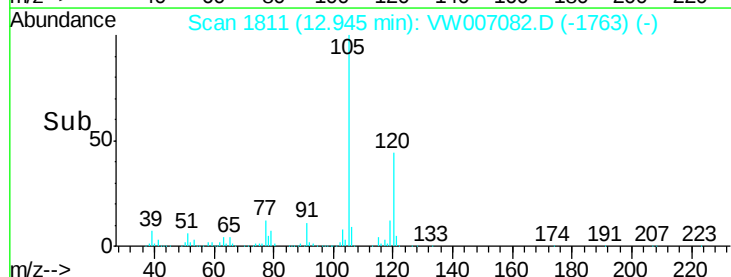
100000

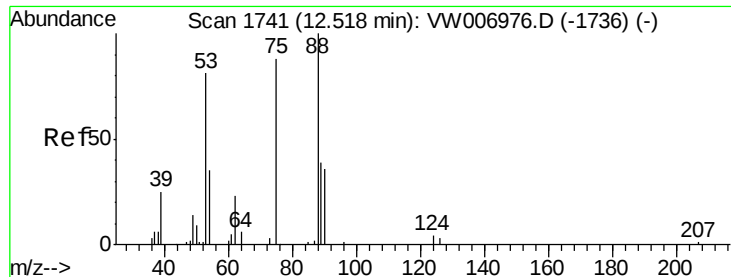
50000

0

12.90 12.94 13.00

Time-->





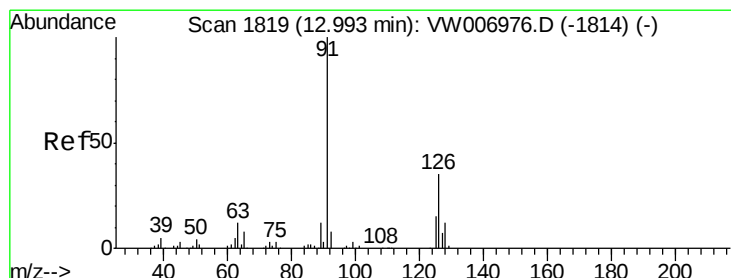
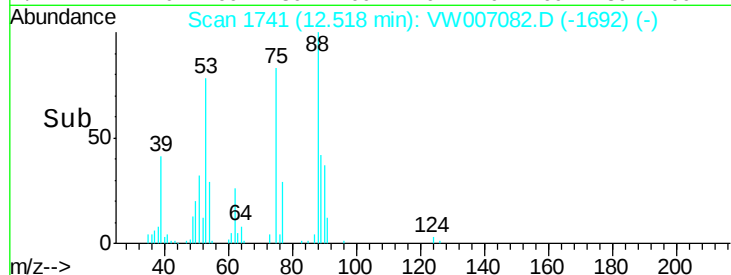
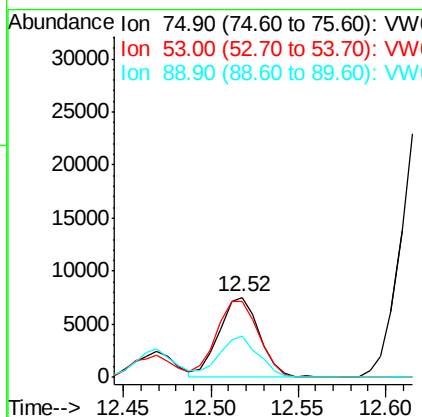
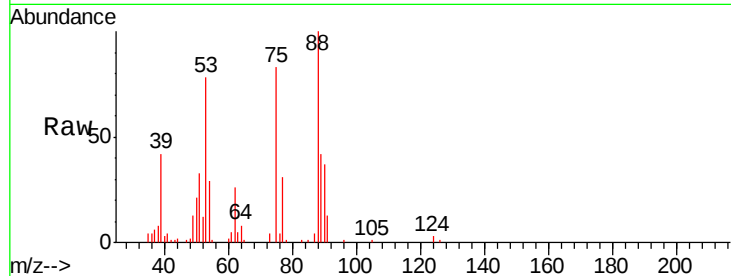
#81
trans-1,4-Dichloro-2-butene
Concen: 51.48 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.0	77.6	116.4
89	47.7	39.3	58.9

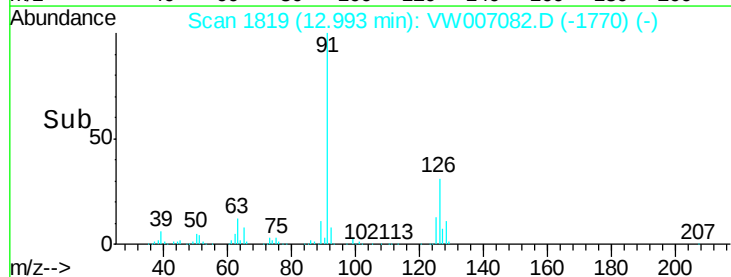
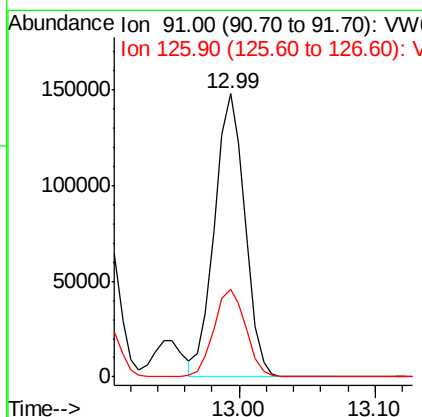
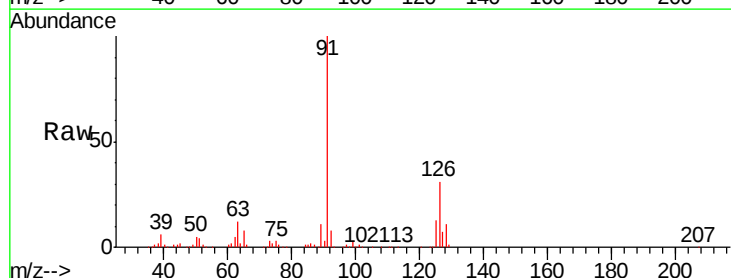
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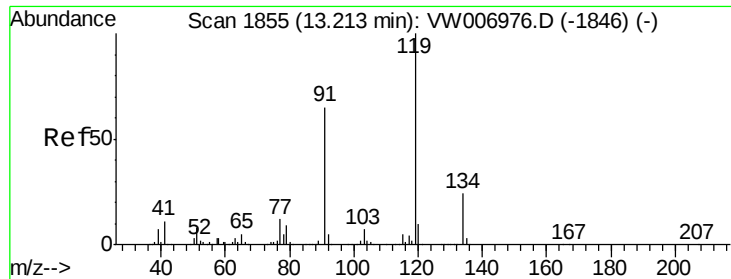
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#82
4-Chlorotoluene
Concen: 53.29 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.6	49.7





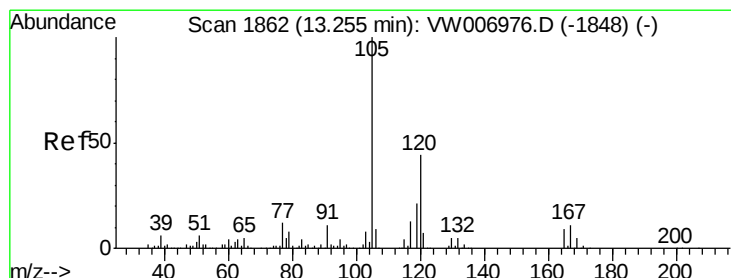
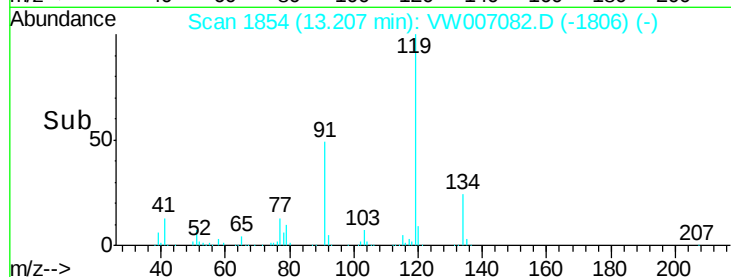
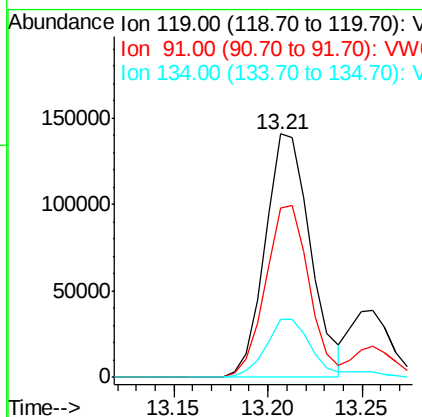
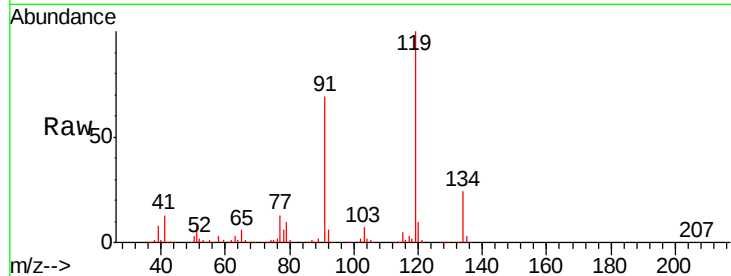
#83
tert-Butylbenzene
Concen: 53.58 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.8	33.5	100.5
134	25.0	12.6	37.8

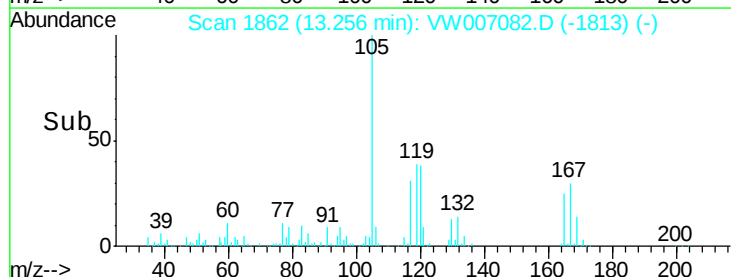
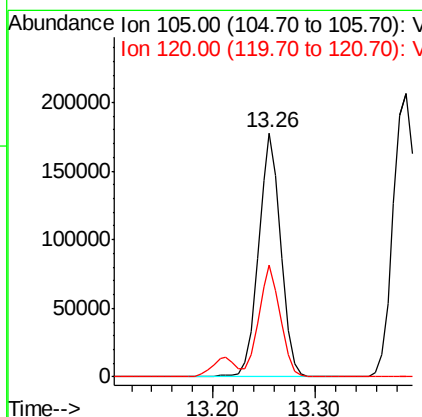
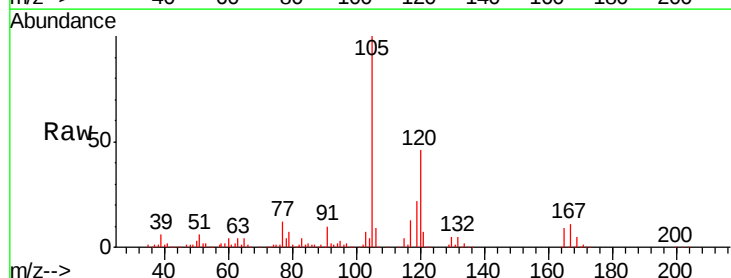
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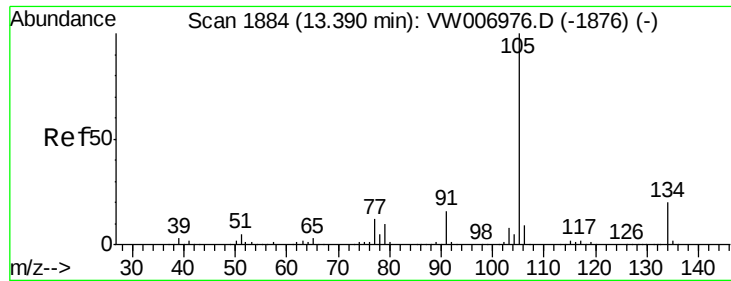
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#84
1,2,4-Trimethylbenzene
Concen: 53.43 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.8	65.3





#85

sec-Butylbenzene

Concen: 52.82 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 327510

Ion Ratio Lower Upper

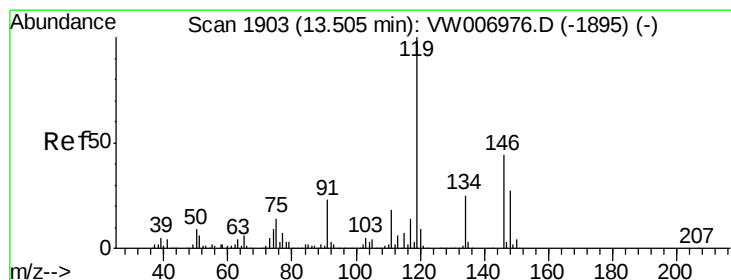
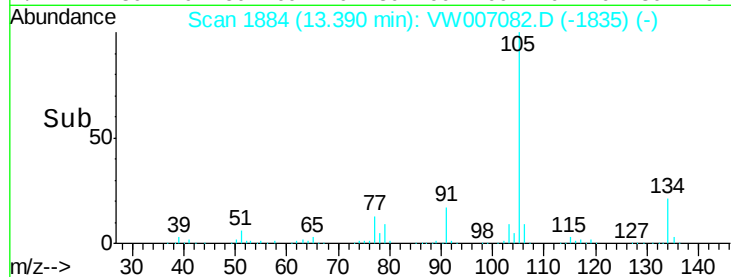
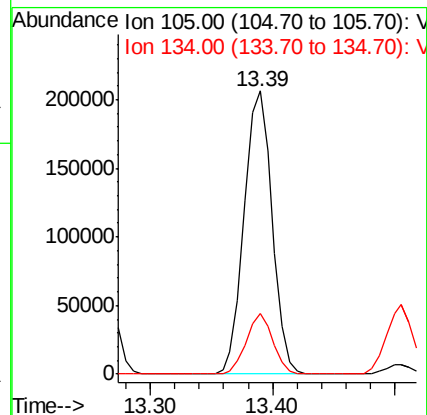
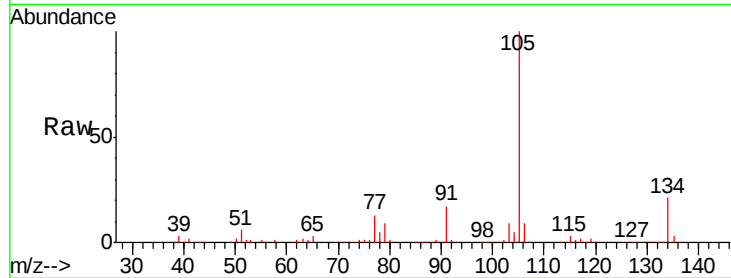
105 100

134 20.3 9.8 29.3

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#86

p-Isopropyltoluene

Concen: 52.76 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007082.D

Acq: 27 Nov 2018 12:36

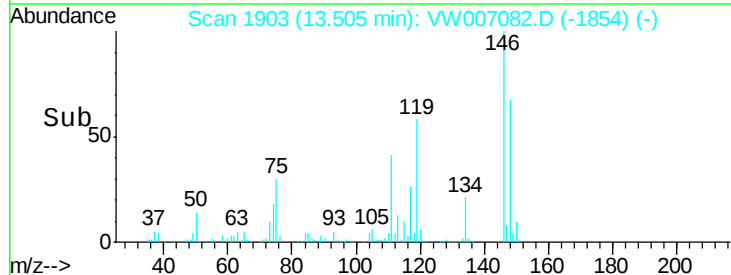
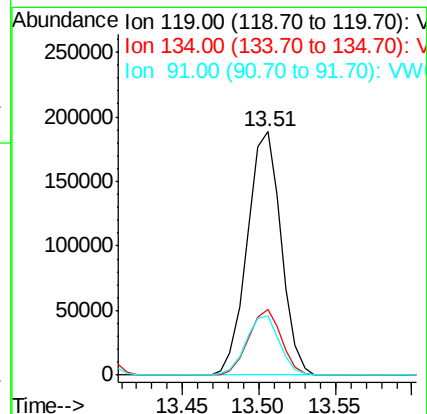
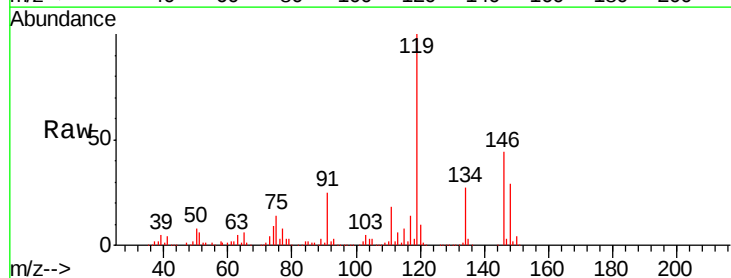
Tgt Ion:119 Resp: 288605

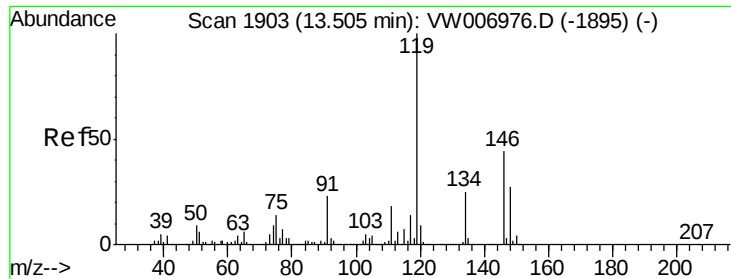
Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.3

91 24.4 12.2 36.6





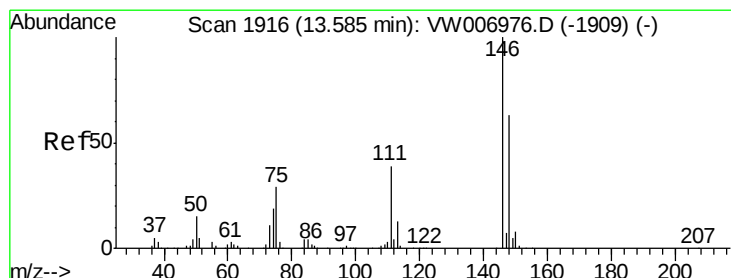
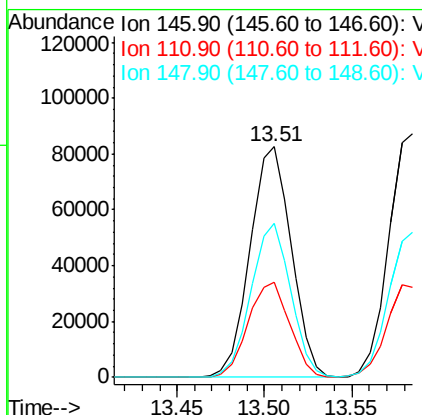
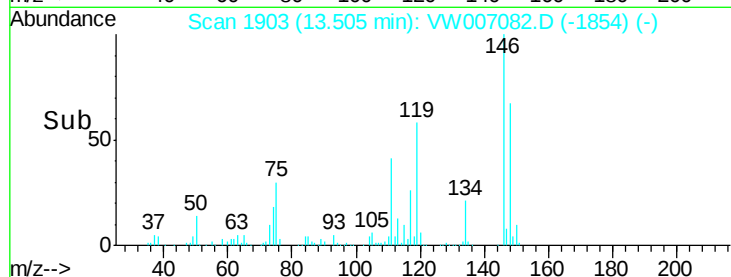
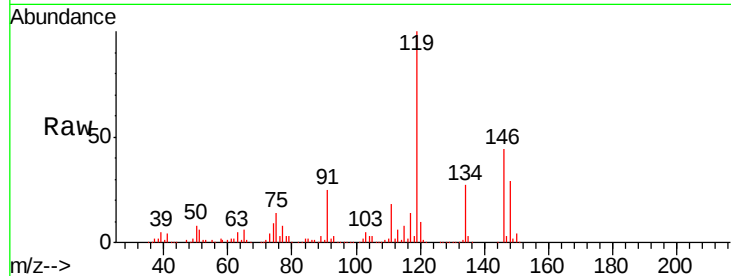
#87
 1,3-Dichlorobenzene
 Concen: 52.71 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.3
148	64.4	31.6	94.8

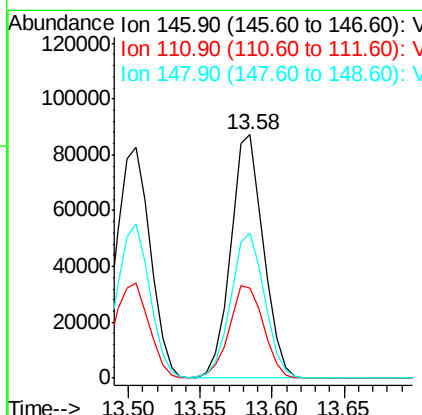
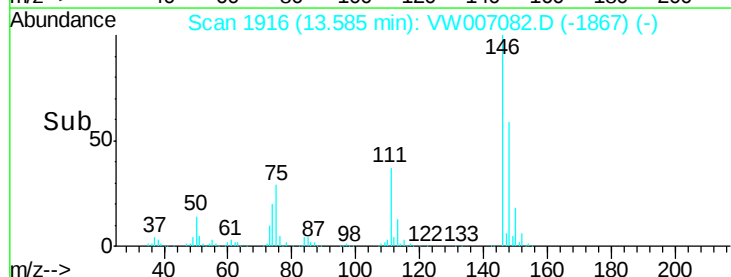
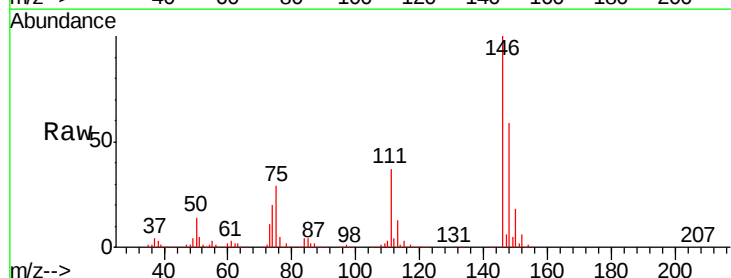
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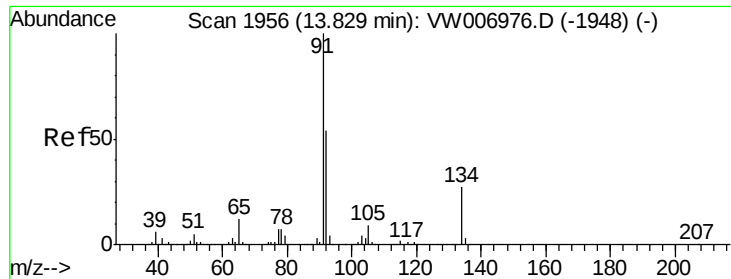
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#88
 1,4-Dichlorobenzene
 Concen: 54.00 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.8
148	61.9	32.3	96.8





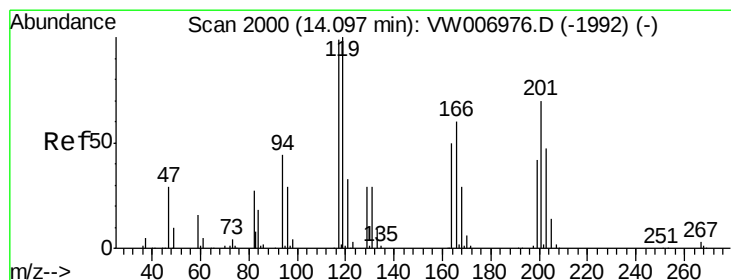
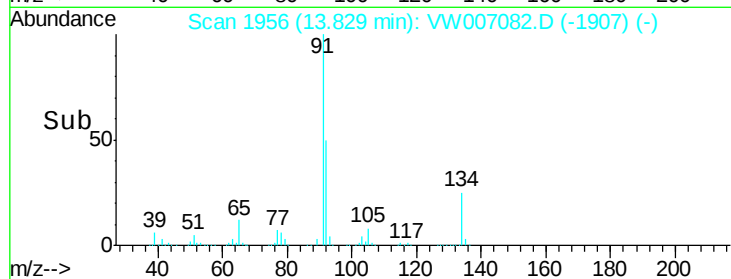
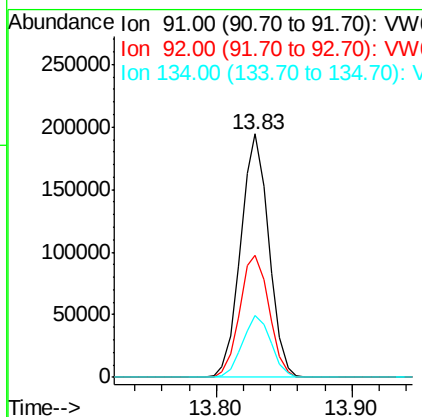
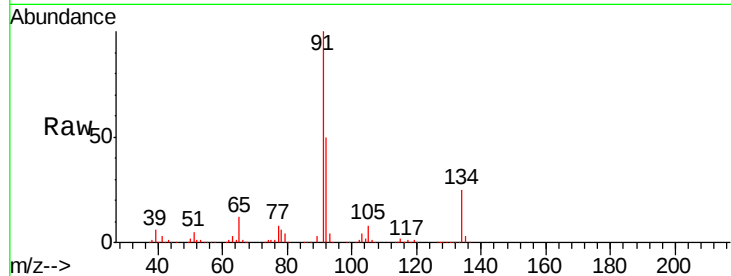
#89
n-Butylbenzene
Concen: 54.50 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	280515		
92	52.6	26.8	80.4	
134	25.9	13.3	39.8	

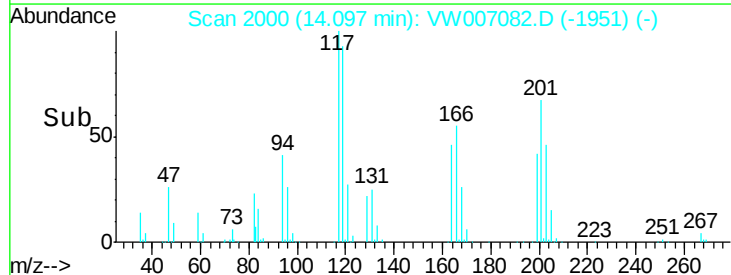
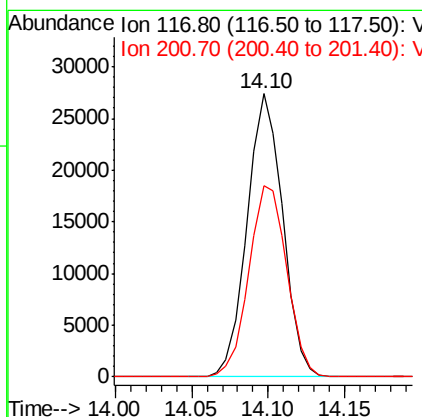
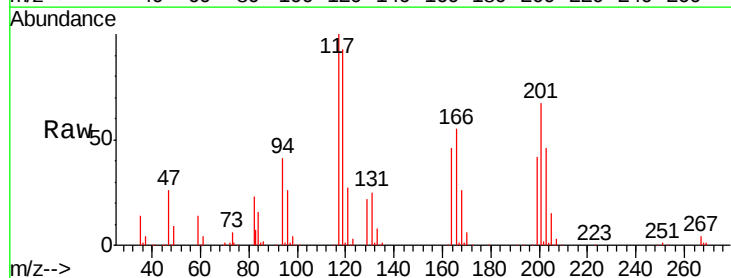
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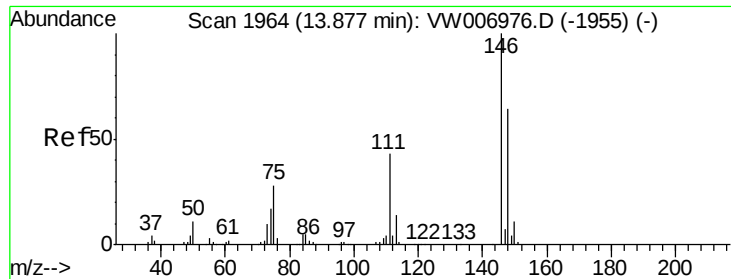
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#90
Hexachloroethane
Concen: 55.60 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44403		
201	72.0	35.9	107.5	





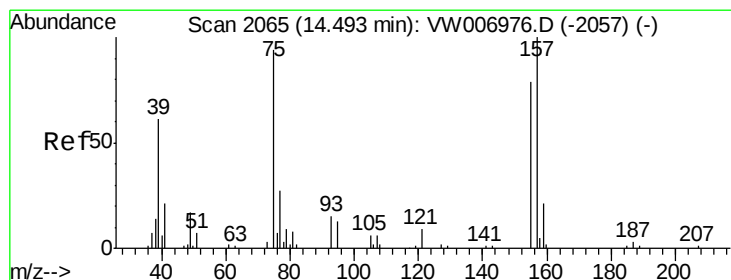
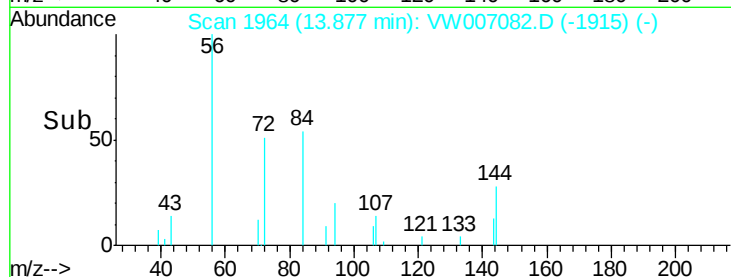
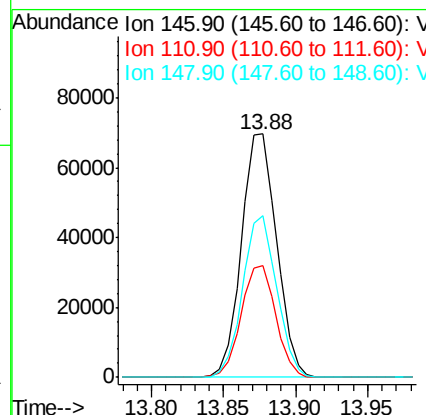
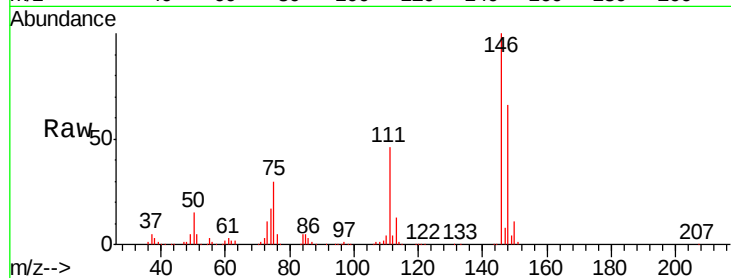
#91
 1,2-Dichlorobenzene
 Concen: 52.41 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.9	65.7
148	64.0	32.2	96.6

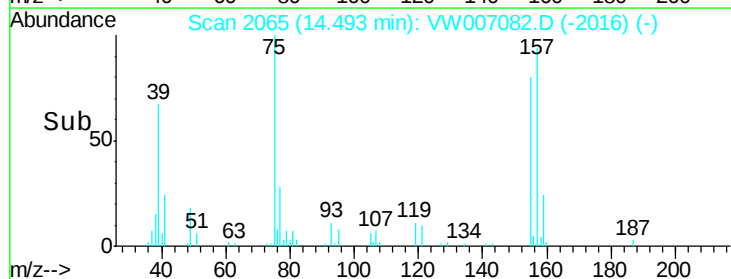
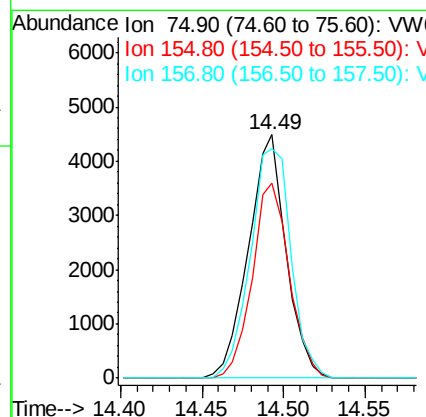
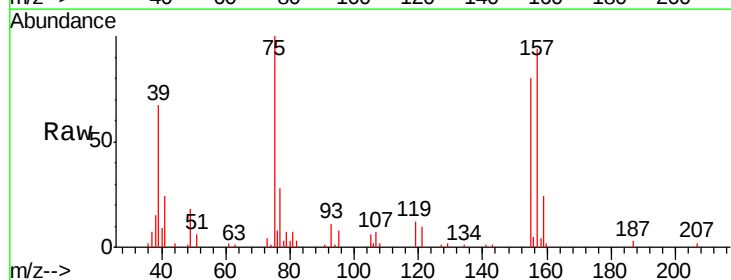
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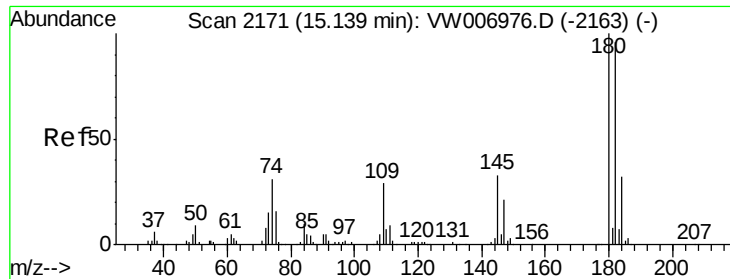
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.67 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	42.6	127.8
157	102.0	55.0	165.0





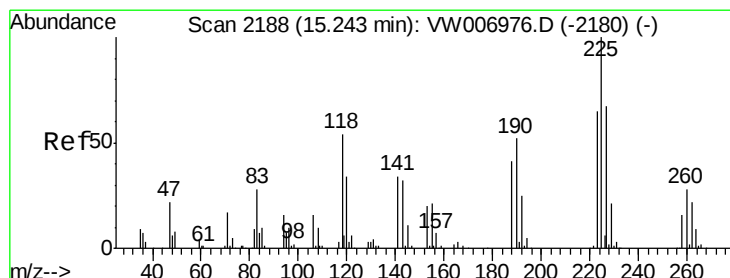
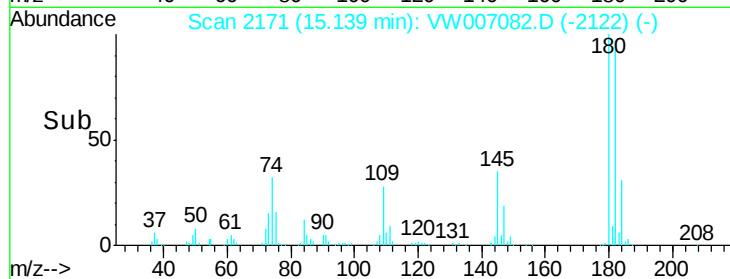
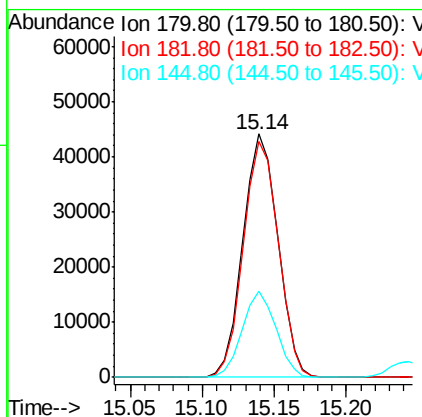
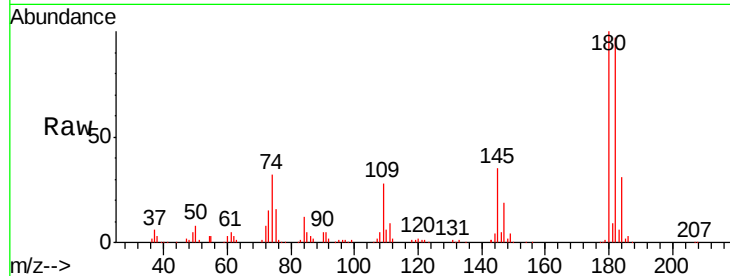
#93
 1,2,4-Trichlorobenzene
 Concen: 50.01 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.1	141.3
145	34.1	16.5	49.5

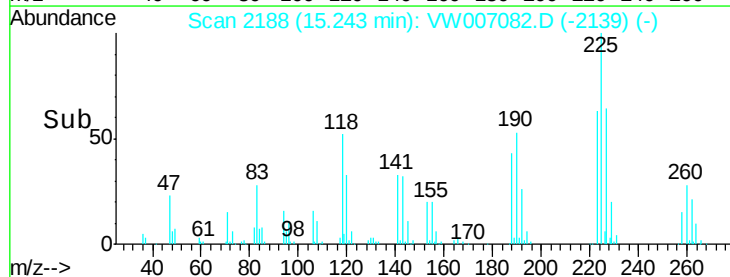
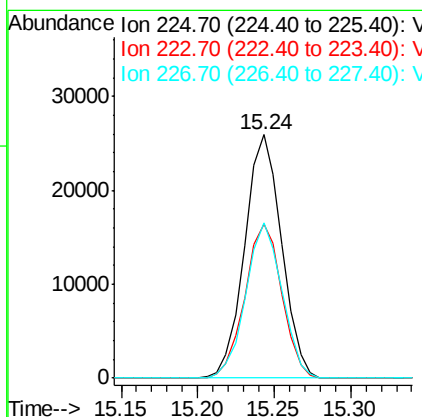
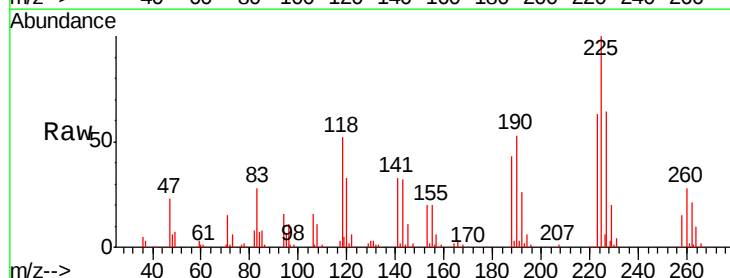
Manual Integrations
 APPROVED

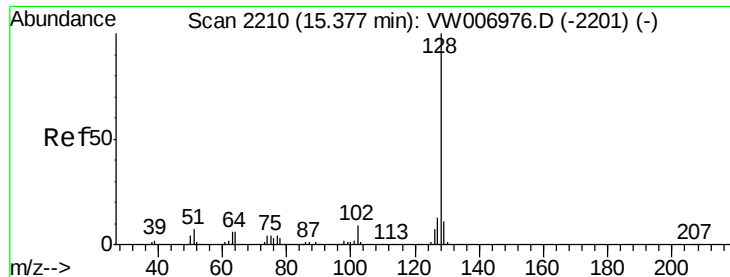
apatel
 11/28/2018 11:45:13 AM



#94
 Hexachlorobutadiene
 Concen: 53.93 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007082.D
 Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.4	97.0
227	62.5	31.9	95.5





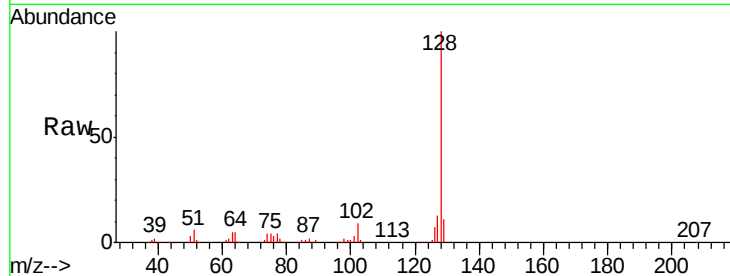
#95
Naphthalene
Concen: 49.49 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

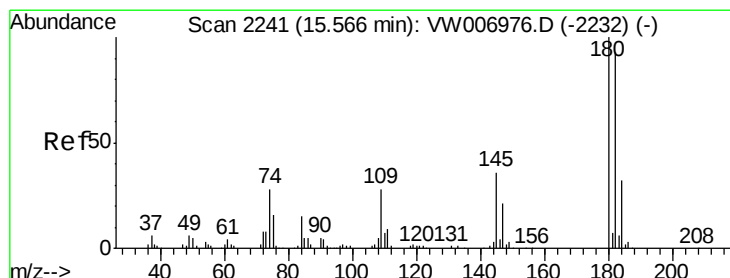
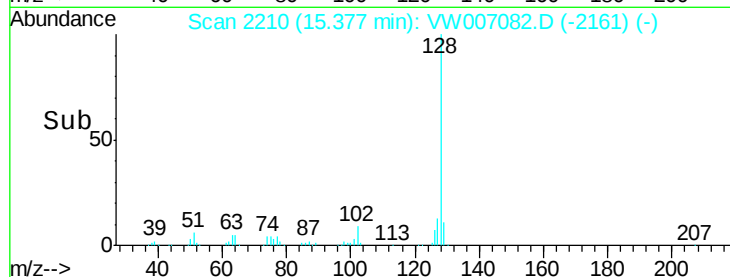
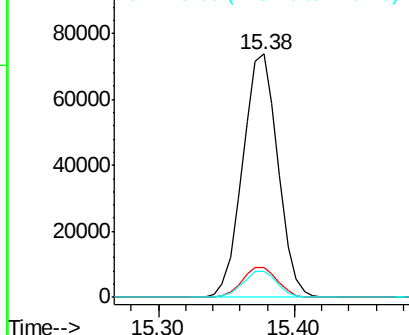
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
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11/28/2018 11:45:13 AM

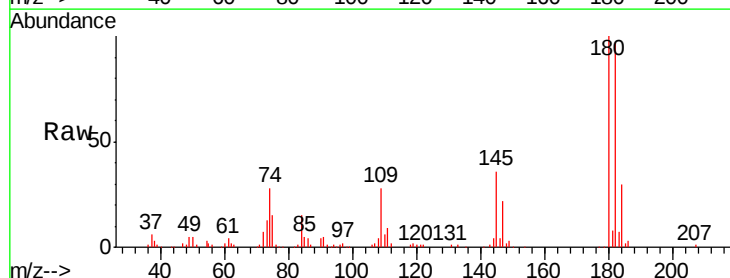


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.73 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007082.D
Acq: 27 Nov 2018 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.2
145	35.5	18.0	54.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

