

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006799.D
 Acq On : 09 Nov 2018 21:06
 Operator : SY/AP
 Sample : J5860-06MSD
 Misc : 4.39G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

Manual Integrations
 APPROVED

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 11/12/2018 3:41:27 PM

Quant Time: Nov 12 05:49:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	11684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	17215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8276	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	6294	73.50	ug/l	0.00
Spiked Amount			Recovery	=	147.00%	
35) Dibromofluoromethane	7.89	113	5989	61.12	ug/l	0.00
Spiked Amount			Recovery	=	122.24%	
50) Toluene-d8	10.33	98	18944	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
62) 4-Bromofluorobenzene	12.62	95	6611	44.02	ug/l	0.00
Spiked Amount			Recovery	=	88.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	4495	47.317	ug/l	96
3) Chloromethane	2.21	50	5702	49.998	ug/l	100
4) Vinyl Chloride	2.36	62	5963	49.734	ug/l #	69
5) Bromomethane	2.79	94	2712	31.416	ug/l	95
6) Chloroethane	2.94	64	4147	52.852	ug/l	96
7) Trichlorofluoromethane	3.29	101	9152	60.752	ug/l	96
8) Diethyl Ether	3.70	74	3535	80.661	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	5648	56.425	ug/l	98
10) Methyl Iodide	4.29	142	8200	58.966	ug/l	96
11) Tert butyl alcohol	5.15	59	2708	480.485	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	5224	62.588	ug/l	97
13) Acrolein	3.90	56	1588	270.539	ug/l	92
14) Allyl chloride	4.68	41	6837	60.765	ug/l	97
15) Acrylonitrile	5.37	53	7787	443.907	ug/l	98
16) Acetone	4.12	43	7328	591.194	ug/l	98
17) Carbon Disulfide	4.40	76	15103	54.854	ug/l #	94
18) Methyl Acetate	4.68	43	5468	125.709	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	15800	77.286	ug/l #	88
20) Methylene Chloride	4.94	84	7977	82.141	ug/l #	87
21) trans-1,2-Dichloroethene	5.44	96	5839	58.485	ug/l	95
22) Diisopropyl ether	6.32	45	15581	65.710	ug/l	92
23) Vinyl Acetate	6.26	43	36605	270.674	ug/l	95
24) 1,1-Dichloroethane	6.23	63	10634	68.555	ug/l	97
25) 2-Butanone	7.18	43	9824	480.018	ug/l	94
26) 2,2-Dichloropropane	7.18	77	8170	55.282	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	7094	66.314	ug/l	95
28) Bromochloromethane	7.51	49	4504	77.523	ug/l	97
29) Tetrahydrofuran	7.54	42	6088	453.858	ug/l	99
30) Chloroform	7.69	83	12026	69.970	ug/l	88
31) Cyclohexane	7.96	56	7741	48.456	ug/l #	89
32) 1,1,1-Trichloroethane	7.88	97	9326	57.173	ug/l	98
36) 1,1-Dichloropropene	8.09	75	7257	46.456	ug/l	97
37) Ethyl Acetate	7.26	43	4724	85.155	ug/l	95
38) Carbon Tetrachloride	8.08	117	8210	49.190	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	8497	42.722	ug/l	97
40) Benzene	8.33	78	24061	54.547	ug/l	99
41) Methacrylonitrile	7.49	41	2040m	63.385	ug/l	
42) 1,2-Dichloroethane	8.41	62	8401	69.968	ug/l	99
43) Isopropyl Acetate	8.43	43	7898	75.944	ug/l	99
44) Trichloroethene	9.10	130	6869	50.647	ug/l	88
45) 1,2-Dichloropropane	9.38	63	6319	60.995	ug/l	94
46) Dibromomethane	9.46	93	4169	71.677	ug/l	99
47) Bromodichloromethane	9.65	83	8345	59.126	ug/l #	96
48) Methyl methacrylate	9.44	41	3525	71.969	ug/l	93
49) 1,4-Dioxane	9.45	88	1361	1562.975	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	20186	377.797	ug/l	99
52) Toluene	10.39	92	14328	46.201	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	7727	56.460	ug/l #	87
54) cis-1,3-Dichloropropene	10.08	75	8767	54.030	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	5995	69.965	ug/l	99
56) Ethyl methacrylate	10.65	69	5233	55.306	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	9660	70.523	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	13186	279.831	ug/l	98
59) 2-Hexanone	10.97	43	13223	365.171	ug/l	97
60) Dibromochloromethane	11.13	129	6416	62.294	ug/l	100
61) 1,2-Dibromoethane	11.24	107	5644	68.464	ug/l	99
64) Tetrachloroethene	10.87	164	6546	50.904	ug/l #	91
65) Chlorobenzene	11.66	112	18028	50.294	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	6888	59.985	ug/l	97
67) Ethyl Benzene	11.74	91	25586	42.430	ug/l	99
68) m/p-Xylenes	11.85	106	19674	79.988	ug/l	98
69) o-Xylene	12.17	106	9870	43.588	ug/l	99
70) Styrene	12.19	104	14783	40.165	ug/l	98
71) Bromoform	12.35	173	4131	64.945	ug/l #	97
73) Isopropylbenzene	12.47	105	25529	47.944	ug/l	99
74) N-amyl acetate	12.27	43	5367	61.837	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	6778	85.441	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	4382m	72.606	ug/l	
77) Bromobenzene	12.75	156	7968	57.872	ug/l	99
78) n-propylbenzene	12.81	91	28810	45.535	ug/l	99
79) 2-Chlorotoluene	12.90	91	17981	50.449	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	20200	43.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	1460	64.319	ug/l #	88
82) 4-Chlorotoluene	12.99	91	18519	48.615	ug/l	99
83) tert-Butylbenzene	13.21	119	18786	47.123	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	20057	42.431	ug/l	98
85) sec-Butylbenzene	13.39	105	26328	46.144	ug/l	99
86) p-Isopropyltoluene	13.51	119	21942	42.161	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	14834	53.032	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	13637	48.949	ug/l	99
89) n-Butylbenzene	13.83	91	18855	39.254	ug/l	99
90) Hexachloroethane	14.10	117	4319	52.898	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	13411	54.805	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	911	71.118	ug/l	88

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QLast Update : Mon Nov 12 00:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	5613	30.986	ug/l	98
94) Hexachlorobutadiene	15.24	225	5541	48.604	ug/l	97
95) Naphthalene	15.38	128	7252	26.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	4940	31.525	ug/l	98

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

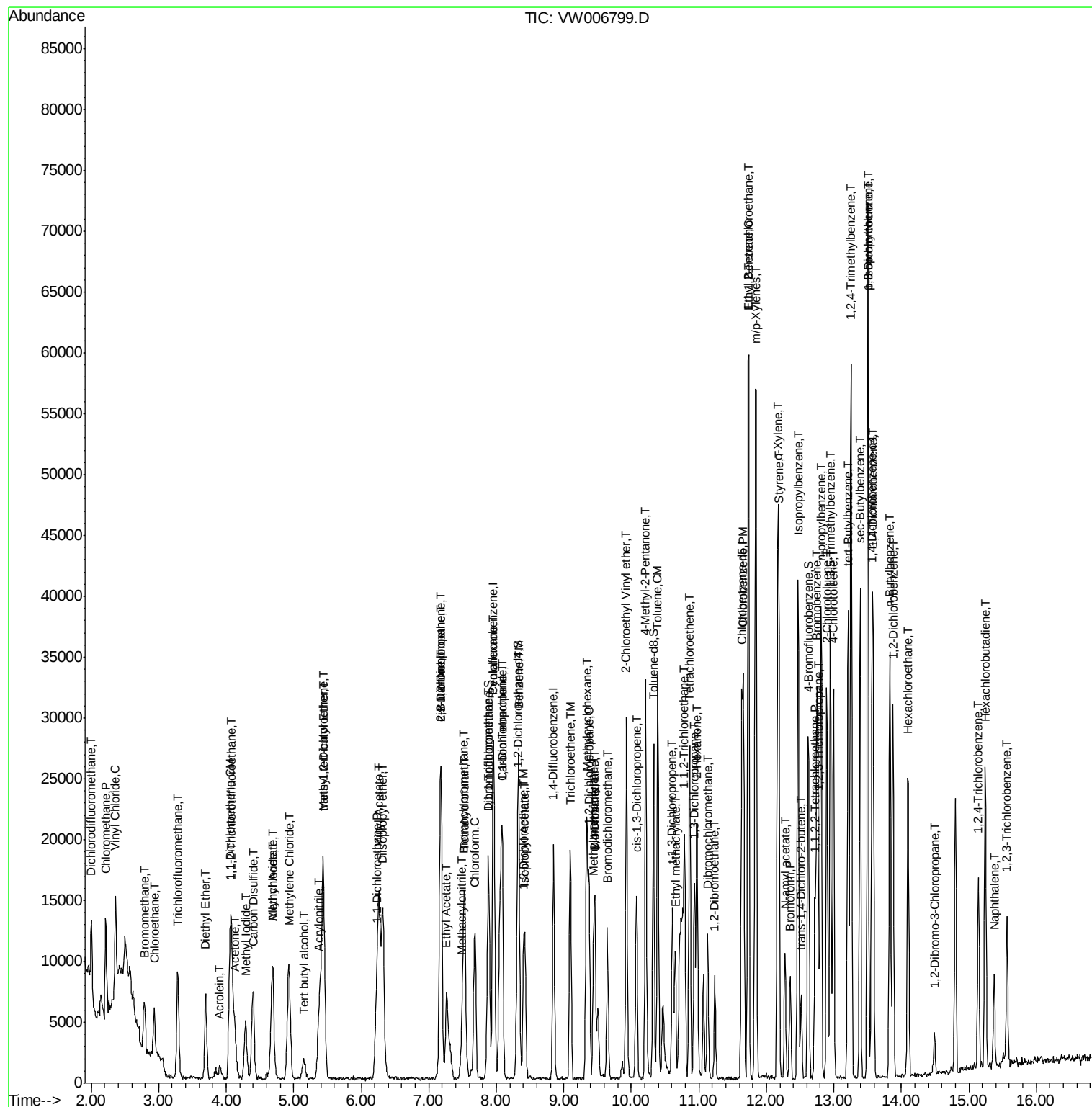
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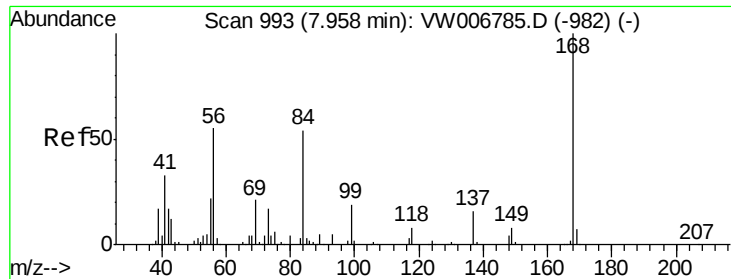
Instrument :
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#1

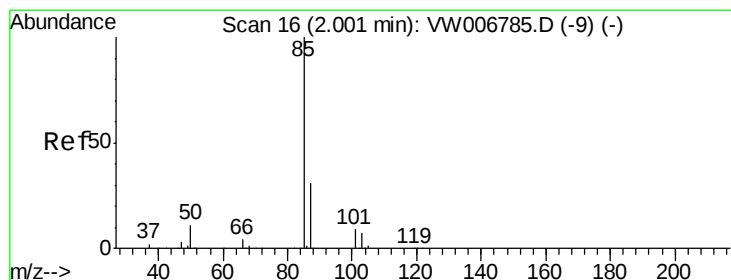
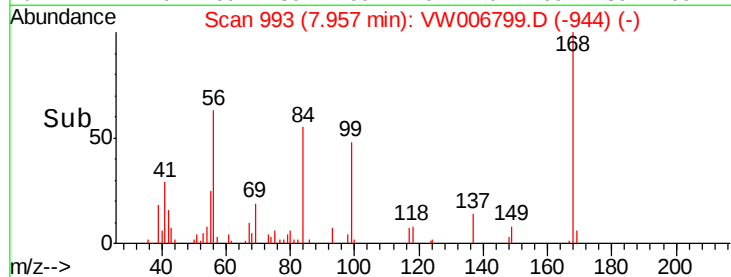
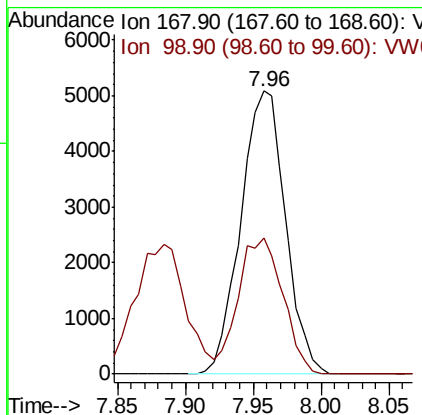
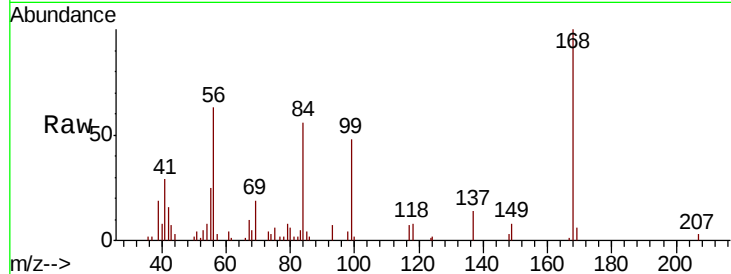
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

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Tot Ion	Ratio	Lower	Upper
168	100		
99	48.0	36.8	55.2

Manual Integrations
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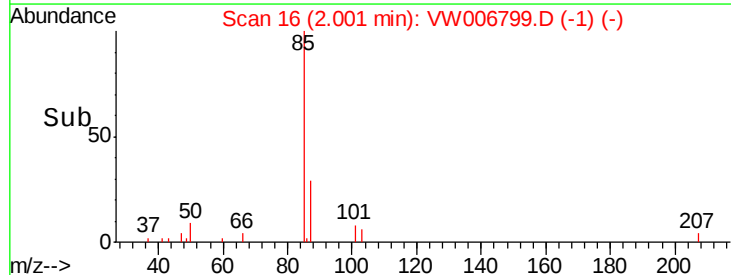
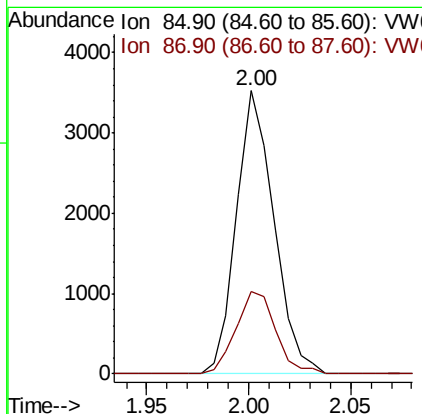
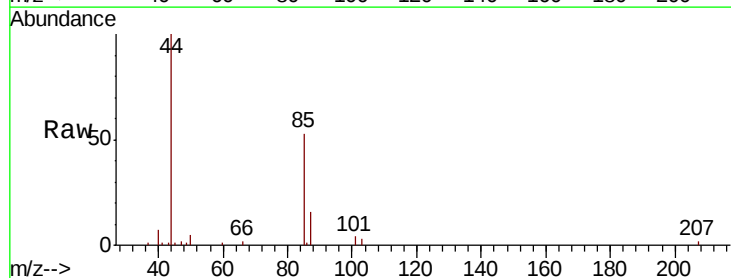
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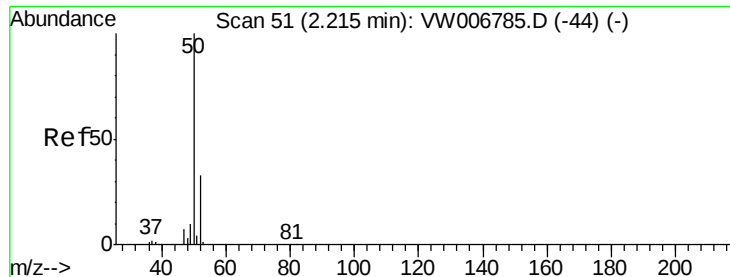


#2

Dichlorodifluoromethane
 Concen: 47.317 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.3	15.7	47.1





#3

Chloromethane

Concen: 49.998 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 50 Resp: 5702

Ion Ratio Lower Upper

50 100

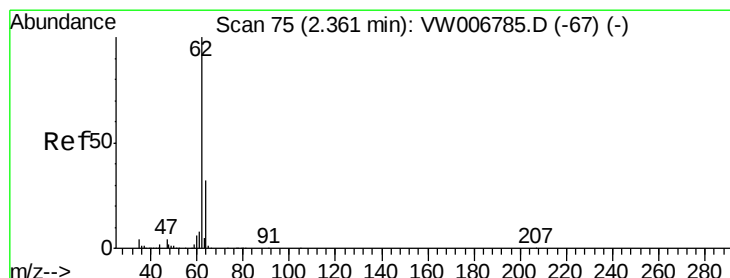
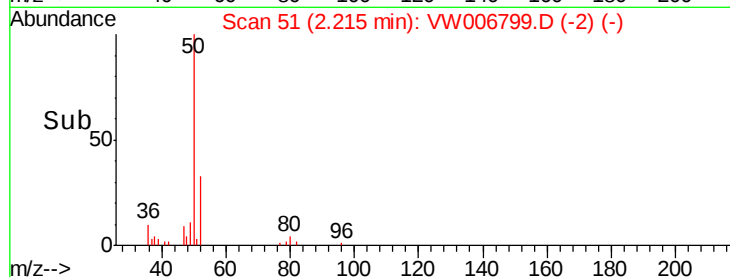
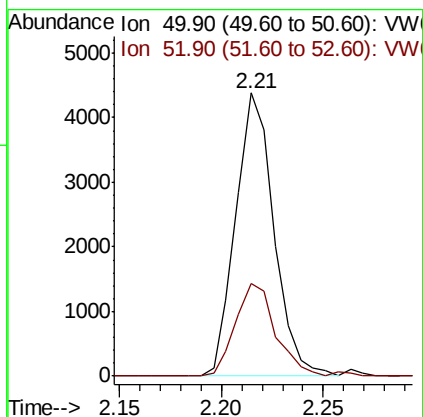
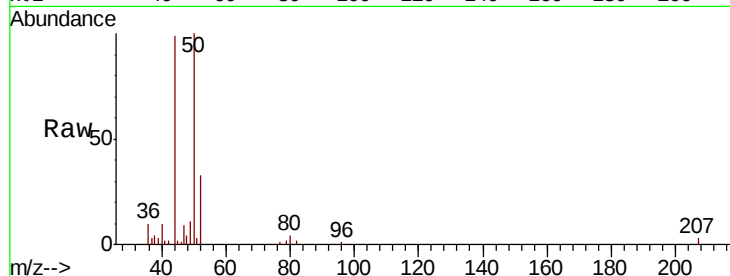
52 32.6 26.2 39.4

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#4

Vinyl Chloride

Concen: 49.734 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006799.D

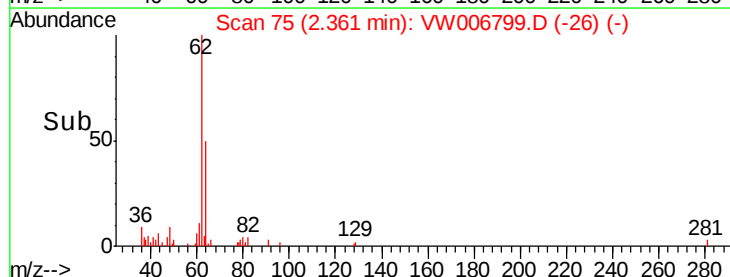
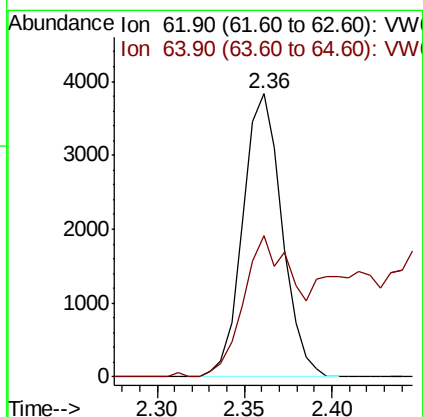
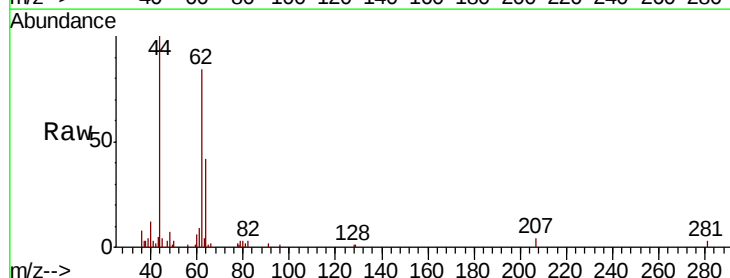
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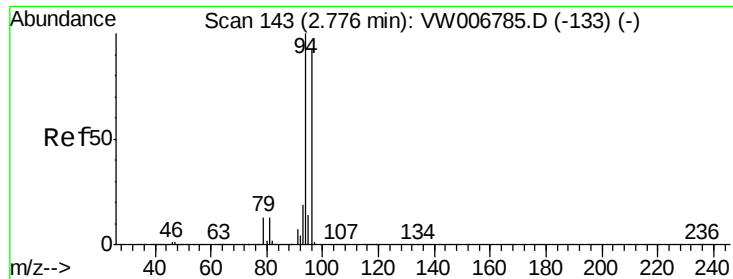
Tgt Ion: 62 Resp: 5963

Ion Ratio Lower Upper

62 100

64 49.8 25.8 38.6#





#5

Bromomethane

Concen: 31.416 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW006799.D

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ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 94 Resp: 2712

Ion Ratio Lower Upper

94 100

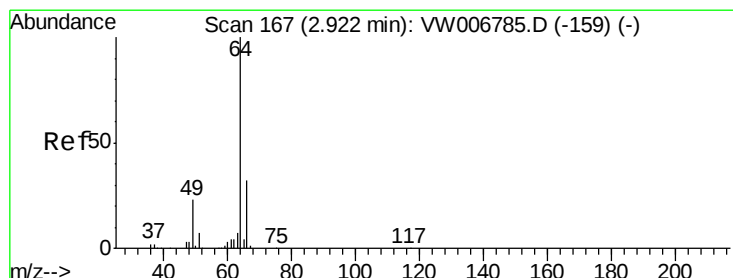
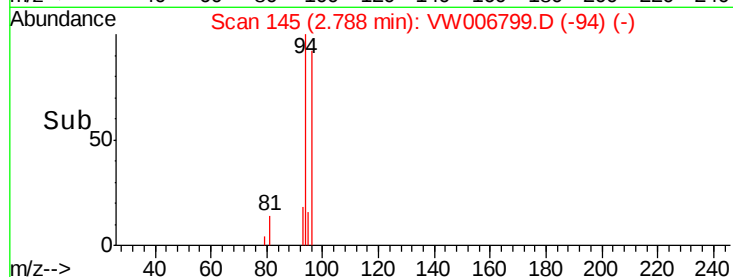
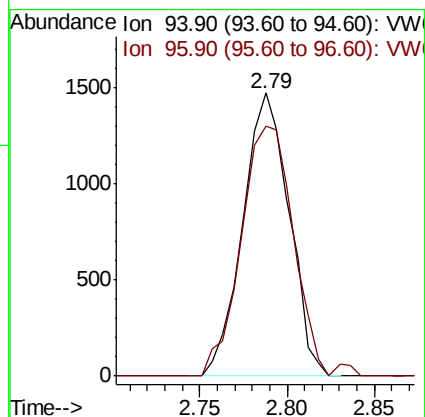
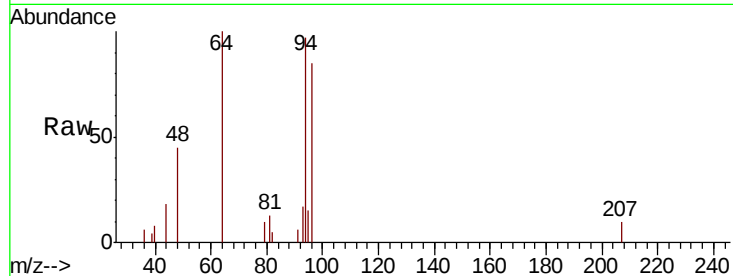
96 88.2 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 52.852 ug/l

RT: 2.94 min Scan# 170

Delta R.T. 0.02 min

Lab File: VW006799.D

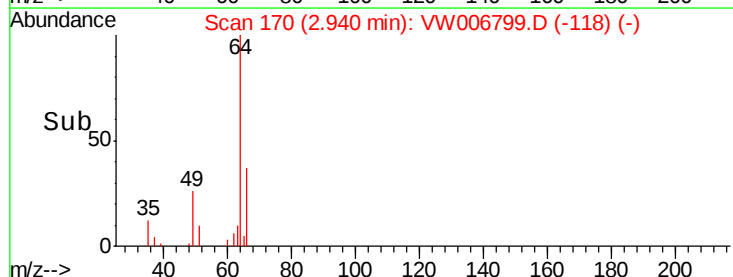
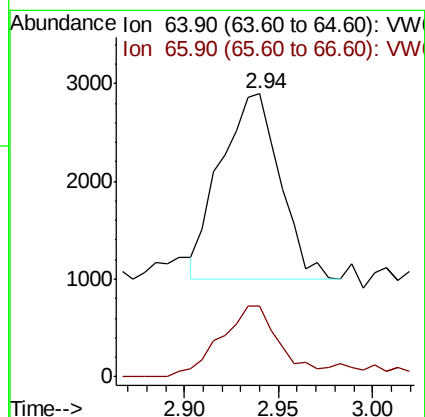
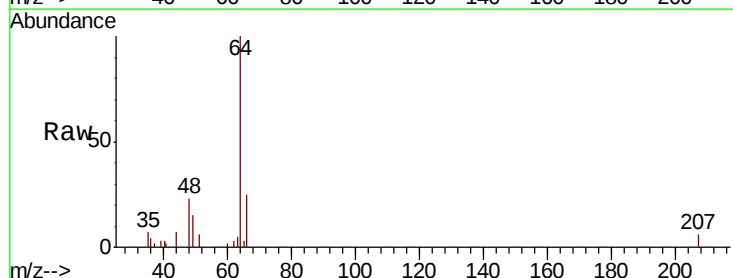
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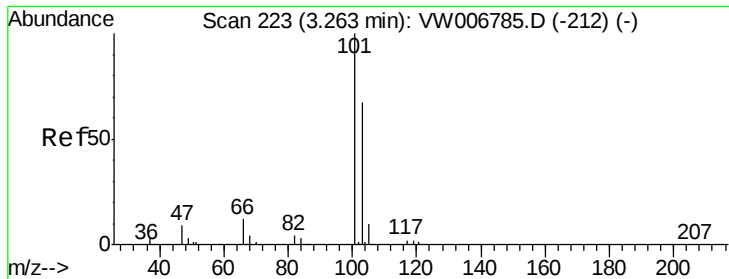
Tgt Ion: 64 Resp: 4147

Ion Ratio Lower Upper

64 100

66 33.9 25.4 38.2





#7

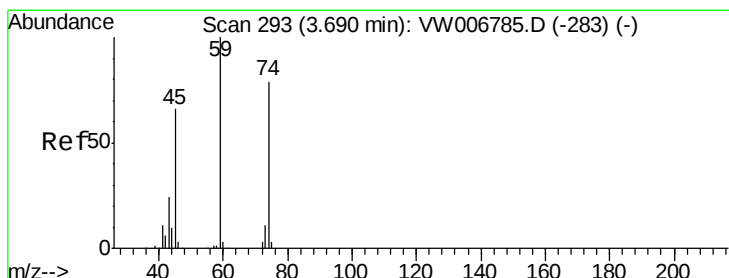
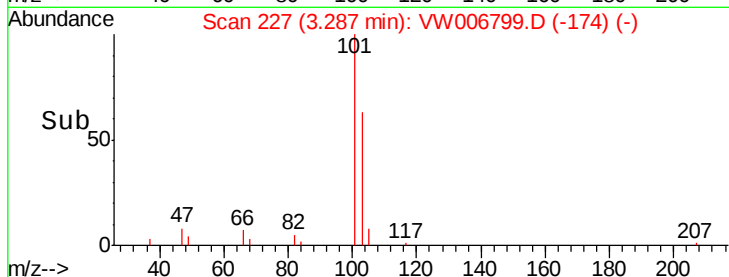
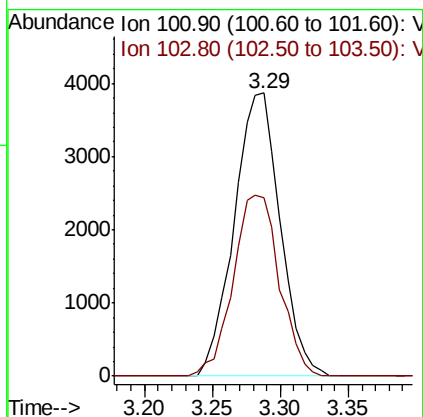
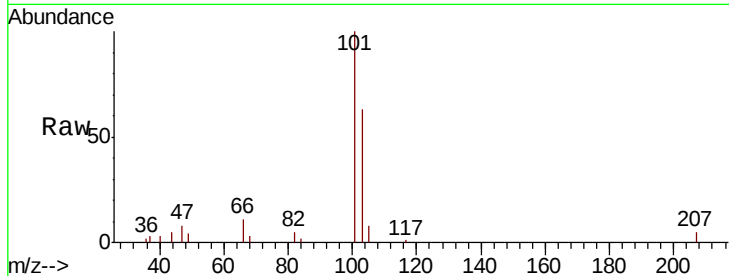
Trichlorofluoromethane
 Concen: 60.752 ug/l
 RT: 3.29 min Scan# 227
 Delta R.T. 0.02 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	53.4	80.0

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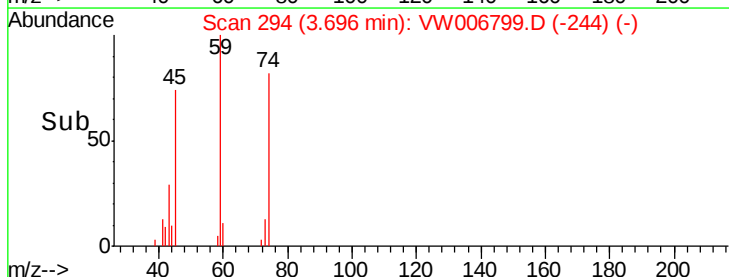
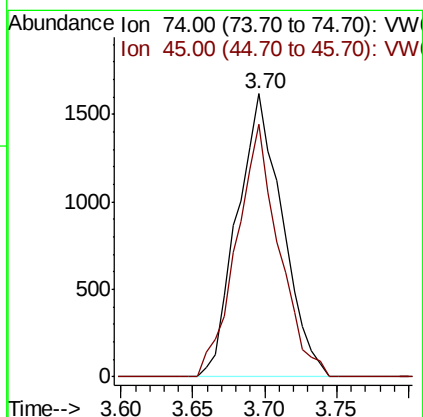
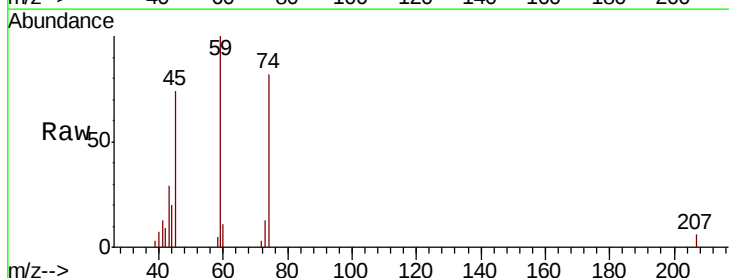
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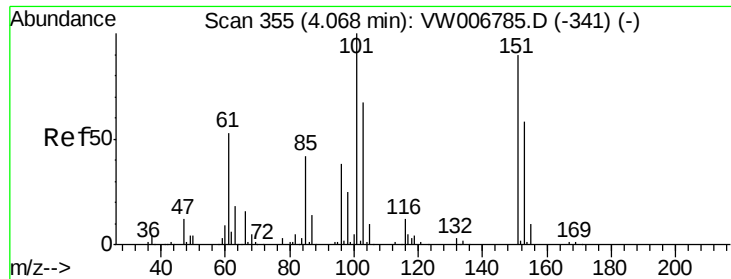


#8

Diethyl Ether
 Concen: 80.661 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.6	44.0	132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.425 ug/l

RT: 4.09 min Scan# 358

Delta R.T. 0.02 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

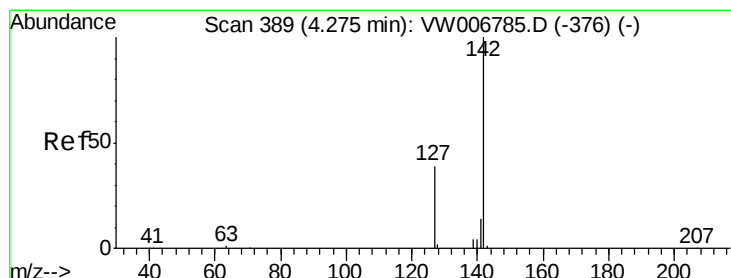
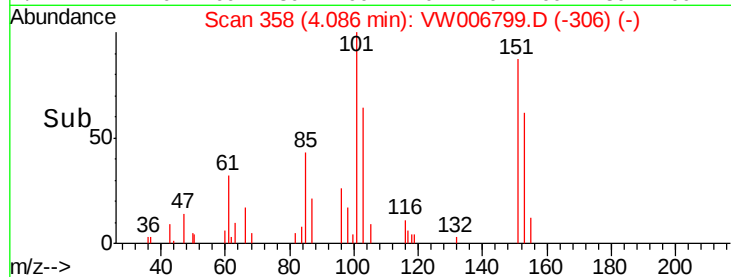
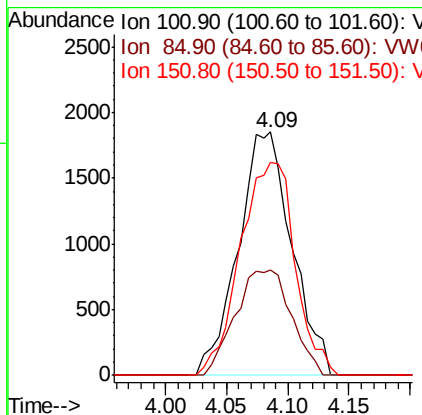
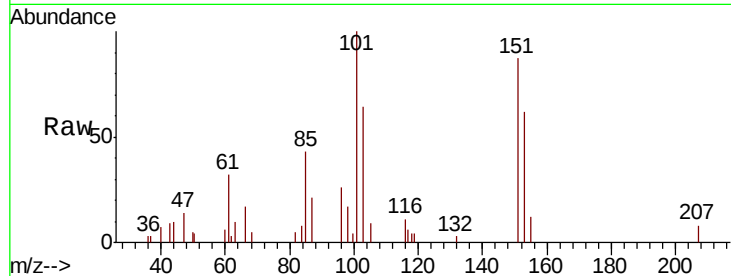
ClientSampleId :

EP2-SB-104(15-17)

Tot Ion:	101	Resp:	5648
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.0	51.0
151	89.1	70.7	106.1

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#10

Methyl Iodide

Concen: 58.966 ug/l

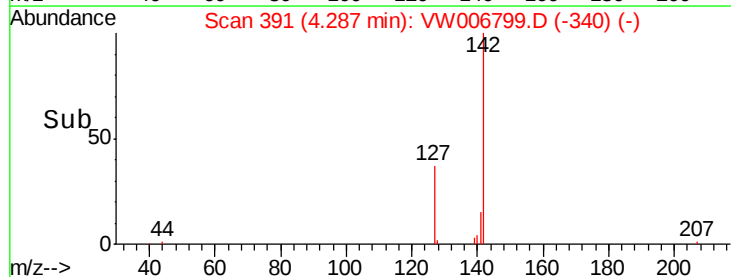
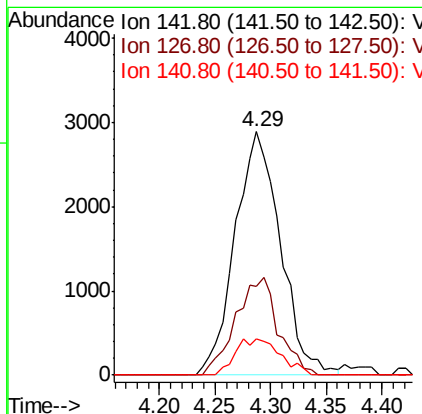
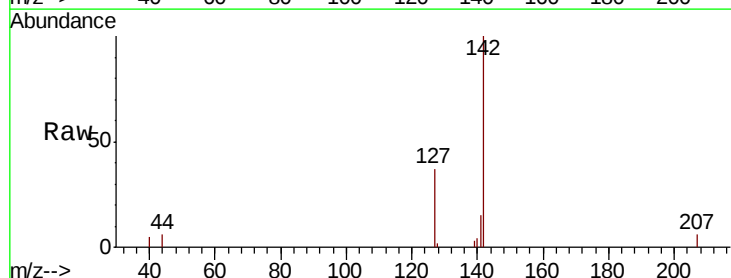
RT: 4.29 min Scan# 391

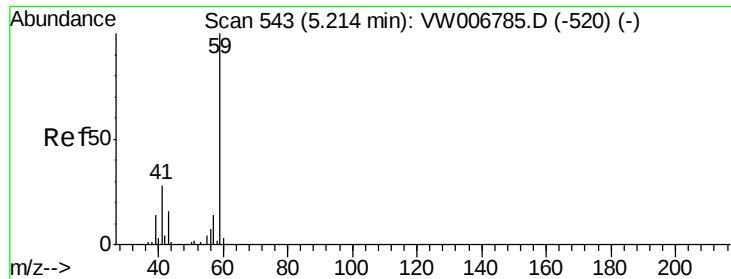
Delta R.T. 0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Tgt Ion:	142	Resp:	8200
Ion Ratio	Lower	Upper	
142	100		
127	37.7	32.3	48.5
141	14.7	11.4	17.0





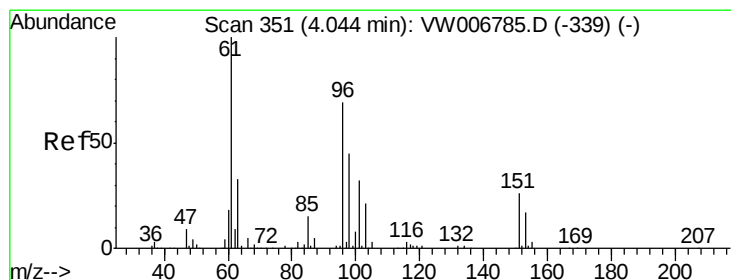
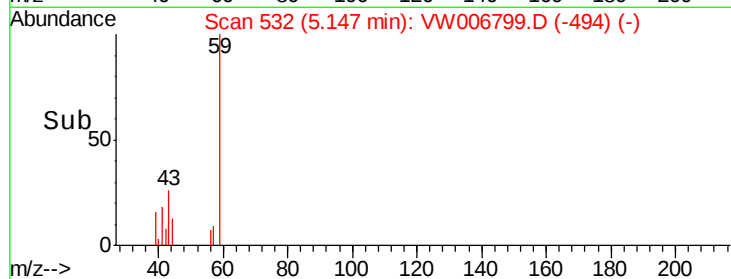
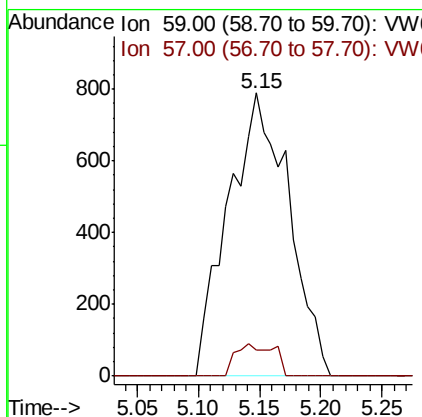
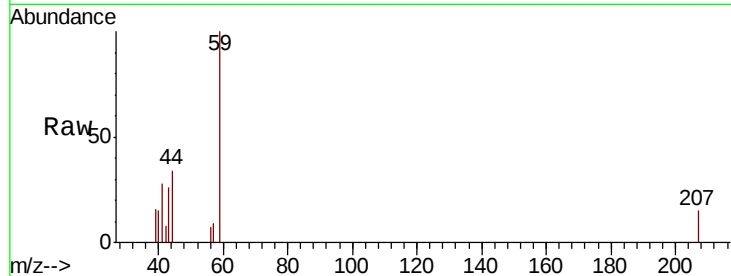
#11
Tert butyl alcohol
Concen: 480.485 ug/l
RT: 5.15 min Scan# 532
Delta R.T. -0.07 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion: 59 Resp: 2708
Ion Ratio Lower Upper
59 100
57 7.1 8.7 13.1#

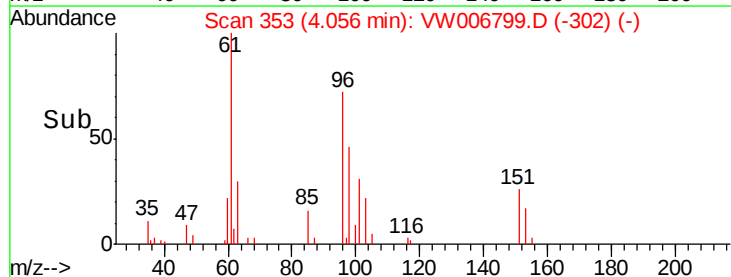
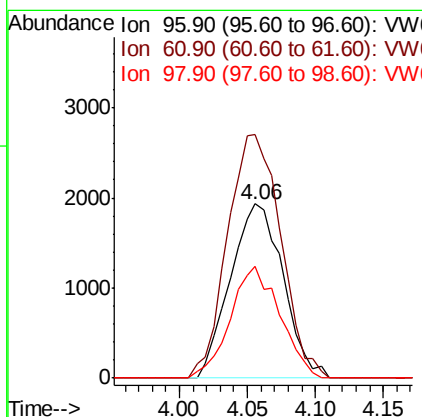
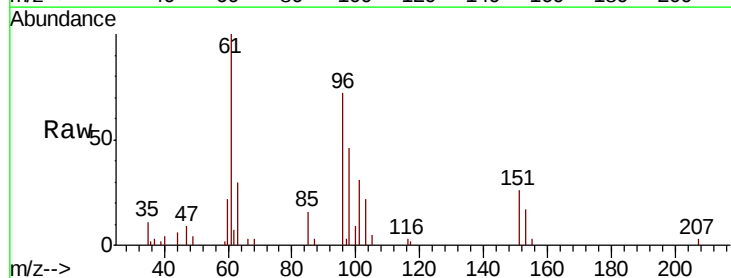
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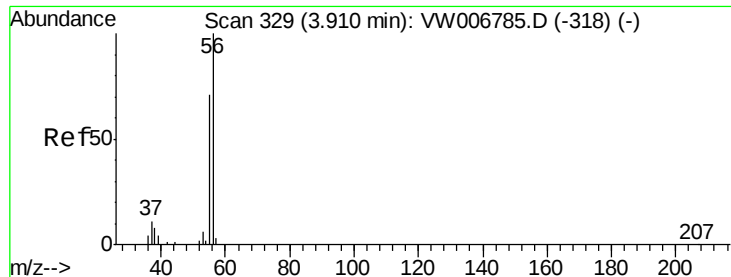
apatel
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#12
1,1-Dichloroethene
Concen: 62.588 ug/l
RT: 4.06 min Scan# 353
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion: 96 Resp: 5224
Ion Ratio Lower Upper
96 100
61 139.7 116.0 174.0
98 64.1 52.0 78.0





#13

Acrolein

Concen: 270.539 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 56 Resp: 1588

Ion Ratio Lower Upper

56 100

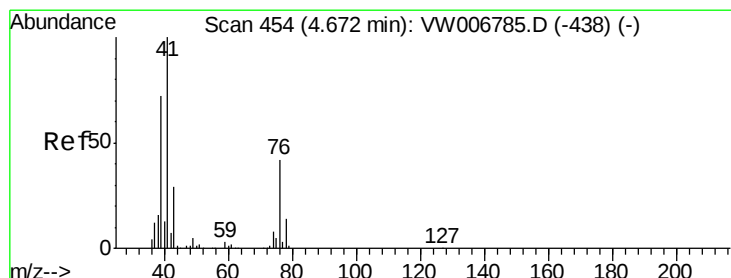
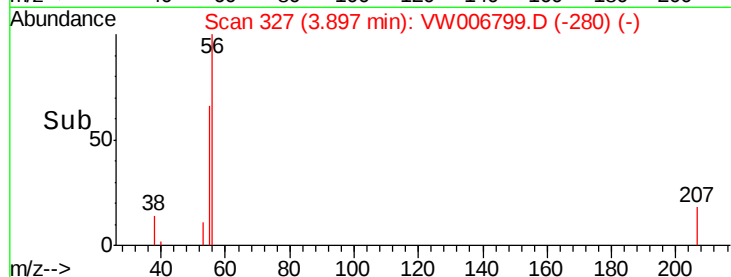
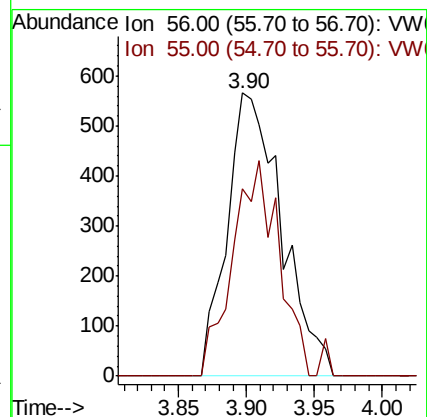
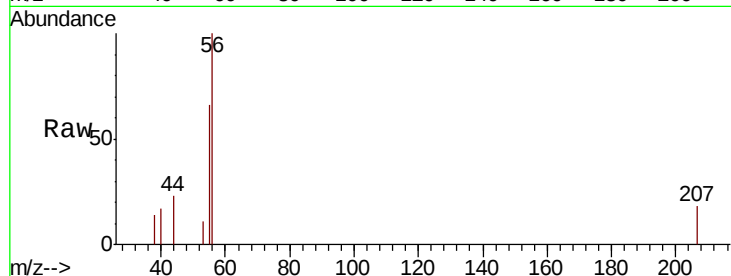
55 64.2 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 60.765 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

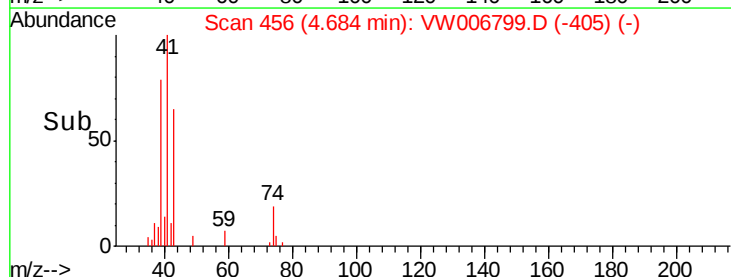
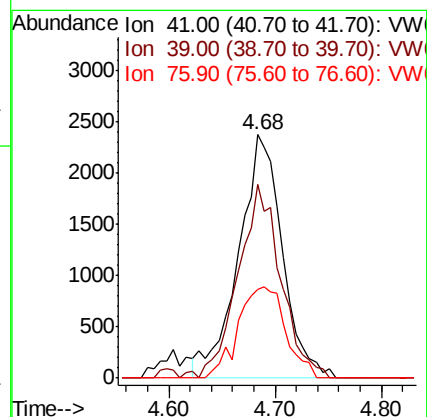
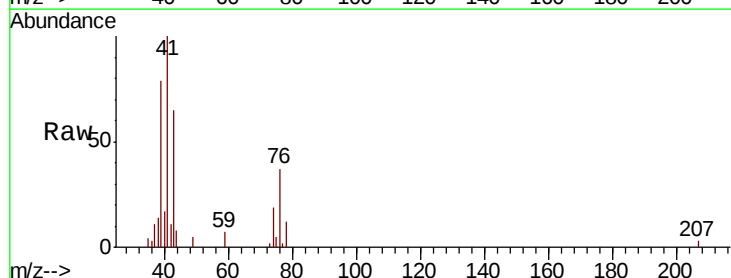
Tgt Ion: 41 Resp: 6837

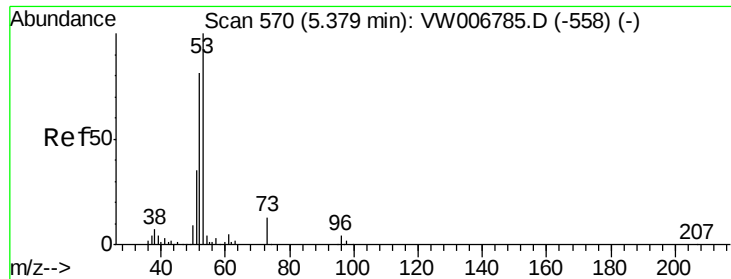
Ion Ratio Lower Upper

41 100

39 77.5 60.0 90.0

76 40.7 34.2 51.4





#15

Acrylonitrile

Concen: 443.907 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

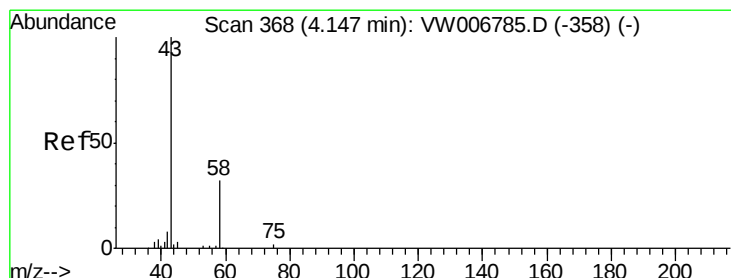
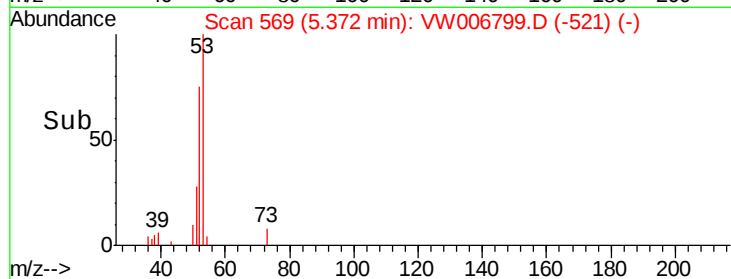
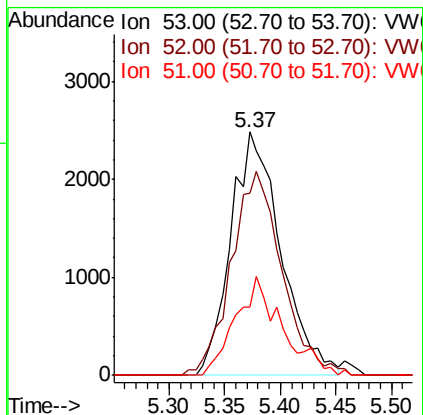
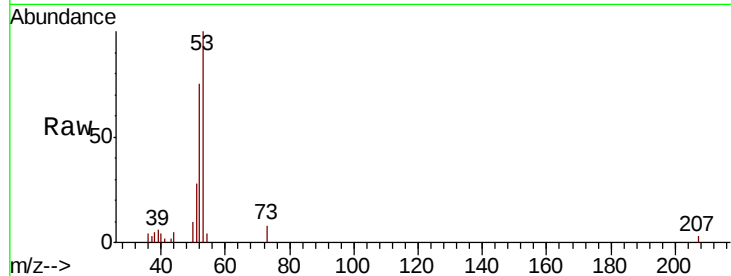
ClientSampleId :

EP2-SB-104(15-17)

Tot Ion:	53	Resp:	7787
Ion	Ratio	Lower	Upper
53	100		
52	84.5	65.2	97.8
51	37.6	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 591.194 ug/l

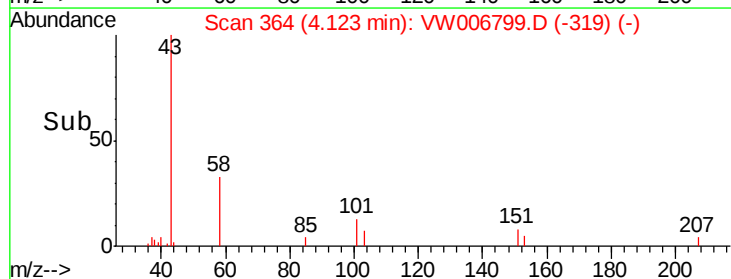
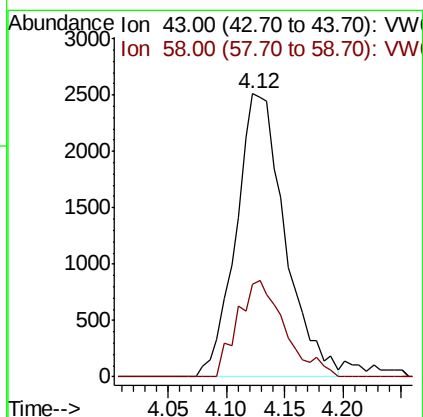
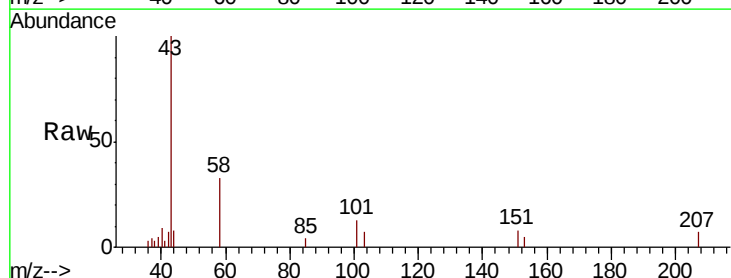
RT: 4.12 min Scan# 364

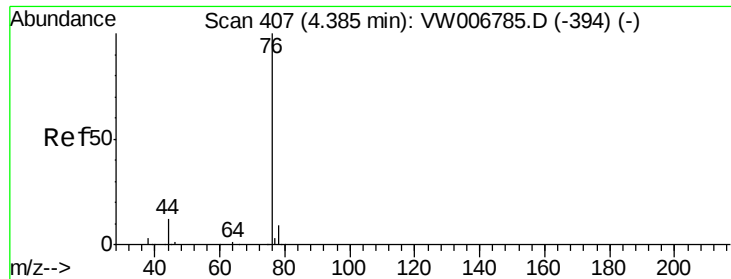
Delta R.T. -0.02 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Tgt Ion:	43	Resp:	7328
Ion	Ratio	Lower	Upper
43	100		
58	32.9	25.4	38.0





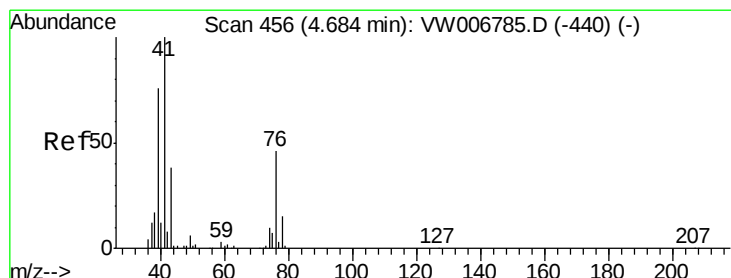
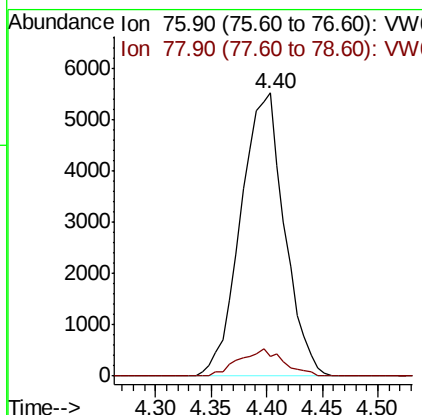
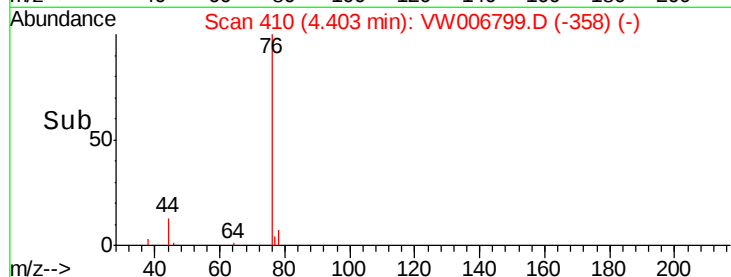
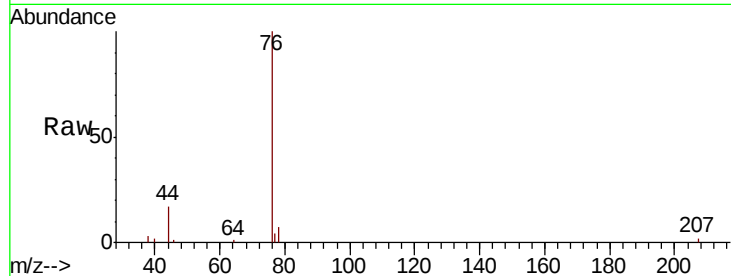
#17
Carbon Disulfide
Concen: 54.854 ug/l
RT: 4.40 min Scan# 410
Delta R.T. 0.02 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
76	100		
78	6.9	7.4	11.0#

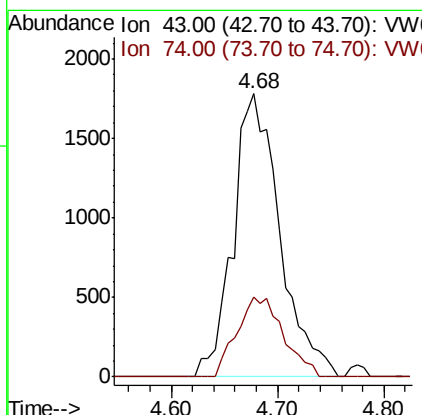
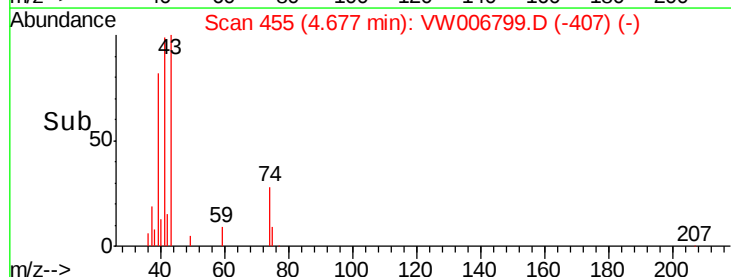
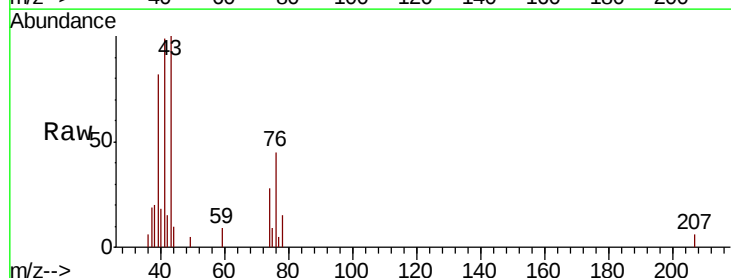
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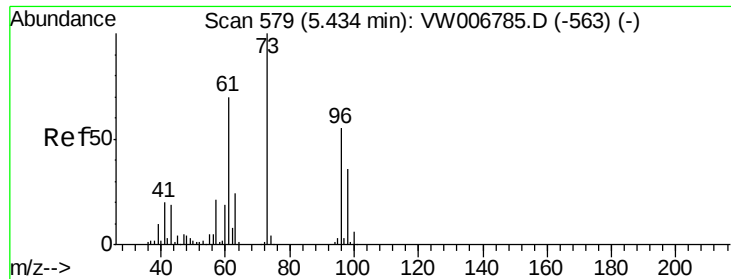
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#18
Methyl Acetate
Concen: 125.709 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	21.8	32.8





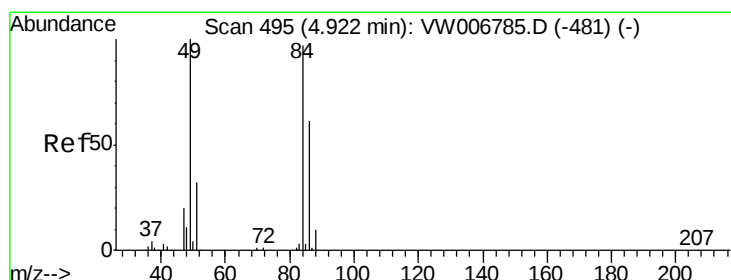
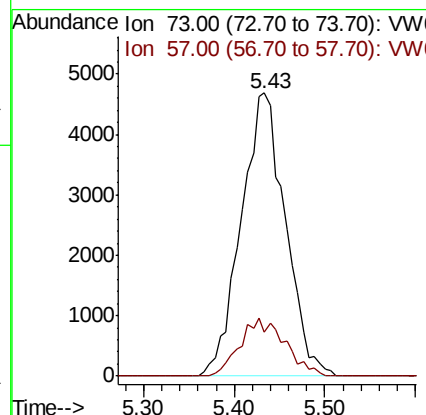
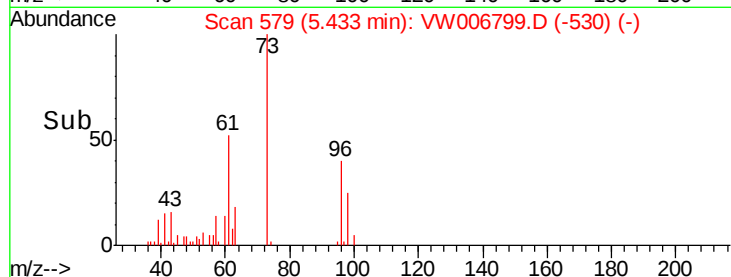
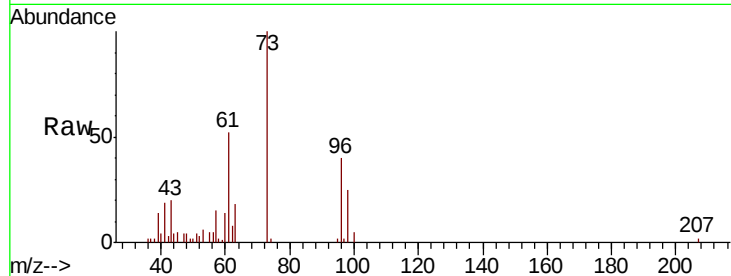
#19
Methvl tert-butvl Ether
Concen: 77.286 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion: 73 Resp: 15800
Ion Ratio Lower Upper
73 100
57 15.5 17.0 25.6#

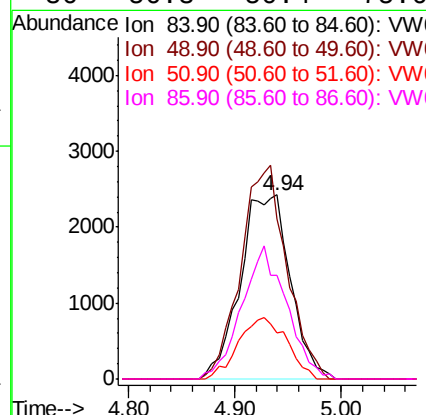
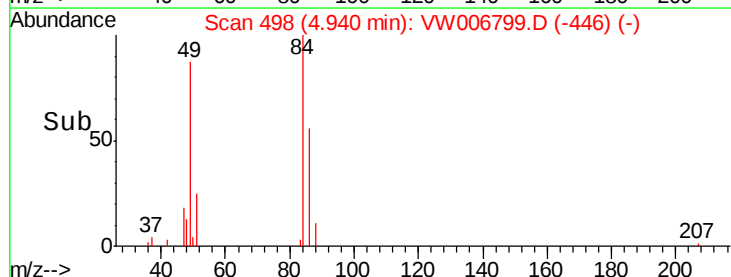
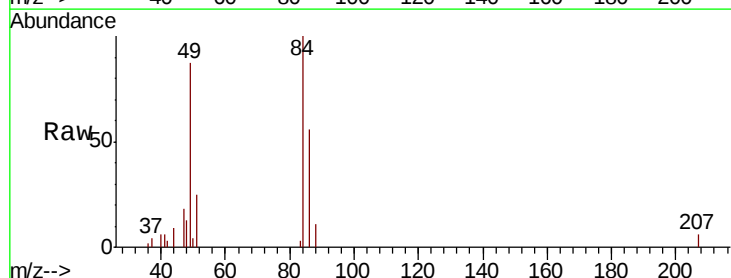
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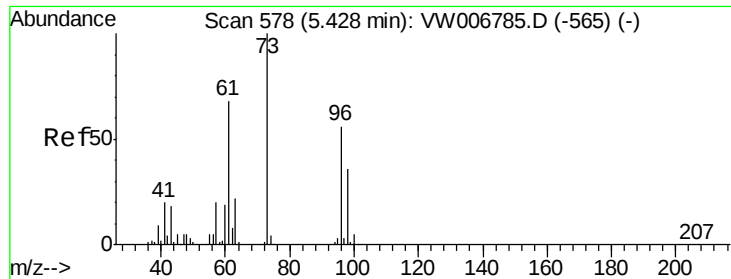
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#20
Methylene Chloride
Concen: 82.141 ug/l
RT: 4.94 min Scan# 498
Delta R.T. 0.02 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion: 84 Resp: 7977
Ion Ratio Lower Upper
84 100
49 87.3 82.4 123.6
51 24.8 26.7 40.1#
86 56.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 58.485 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

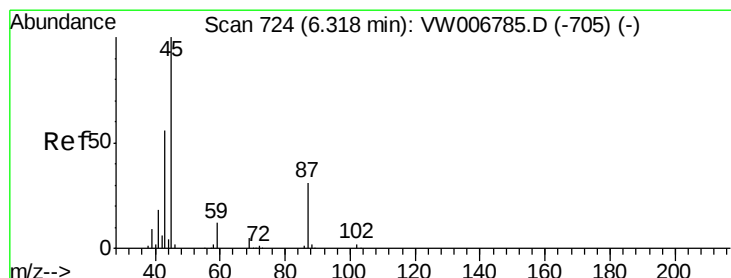
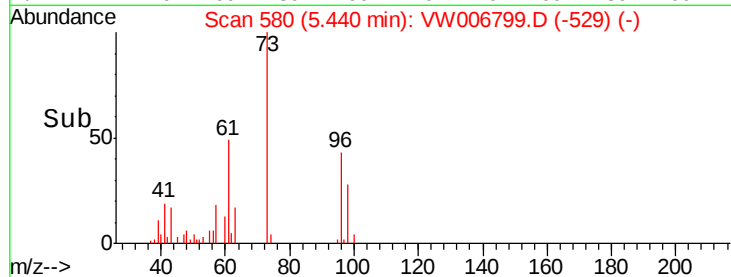
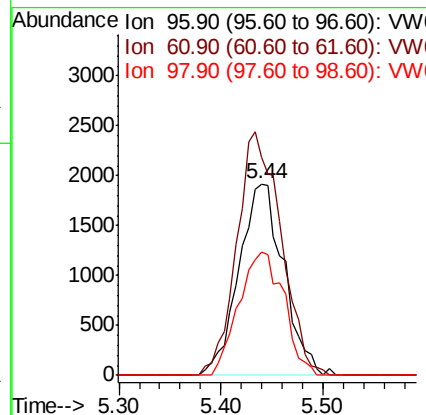
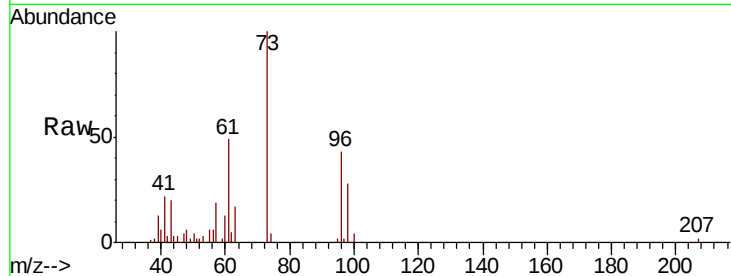
ClientSampleId :

EP2-SB-104(15-17)

Tot Ion:	96	Resp:	5839
Ion	Ratio	Lower	Upper
96	100		
61	114.2	97.6	146.4
98	64.5	51.6	77.4

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#22

Diisopropyl ether

Concen: 65.710 ug/l

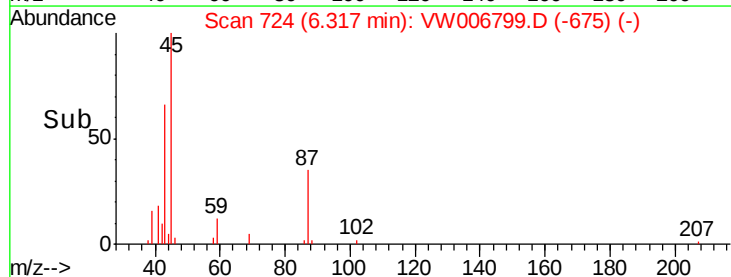
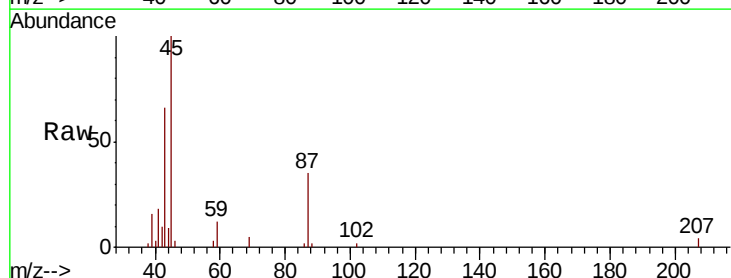
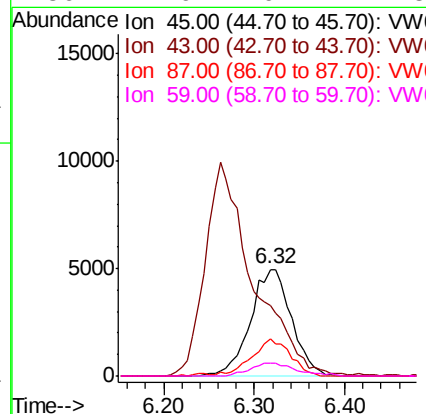
RT: 6.32 min Scan# 724

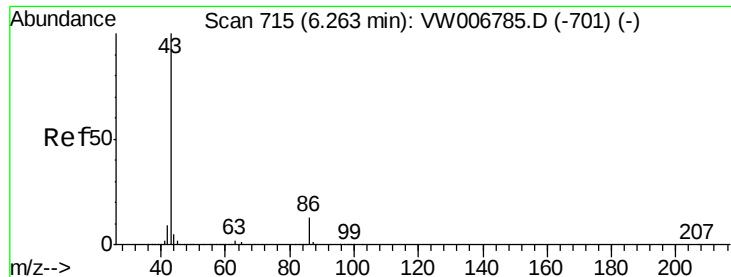
Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Tgt Ion:	45	Resp:	15581
Ion	Ratio	Lower	Upper
45	100		
43	64.1	44.6	66.8
87	35.1	25.5	38.3
59	11.9	9.7	14.5





#23

Vinyl Acetate

Concen: 270.674 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 43 Resp: 36605

Ion Ratio Lower Upper

43 100

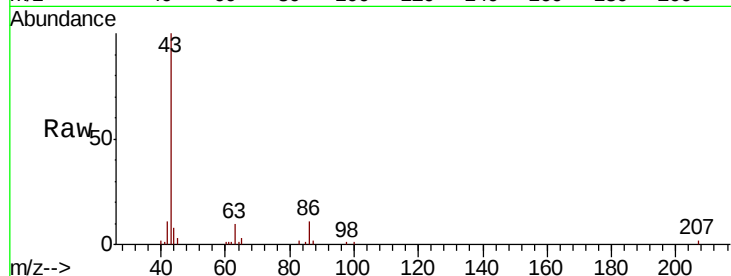
86 10.7 10.0 15.0

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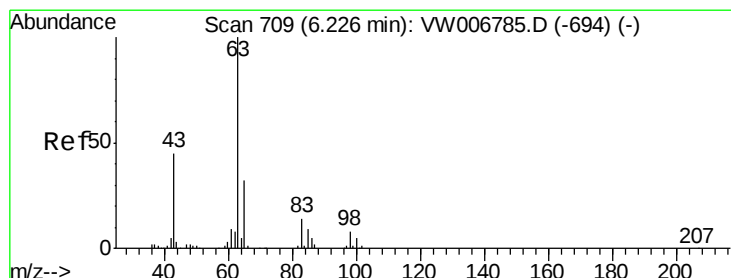
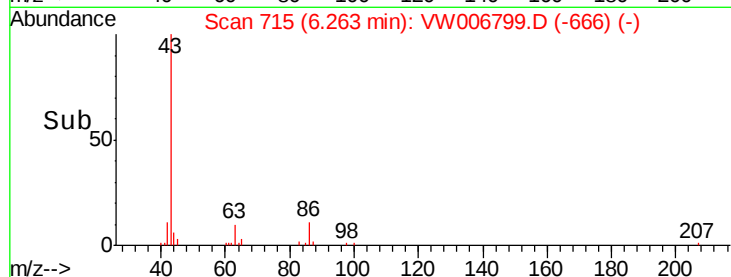
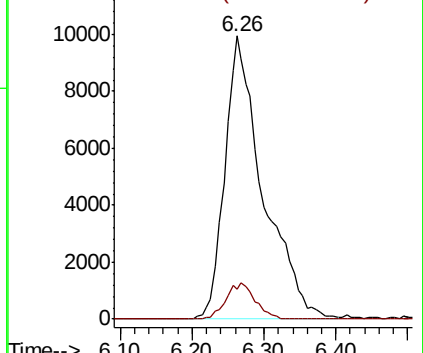
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 68.555 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

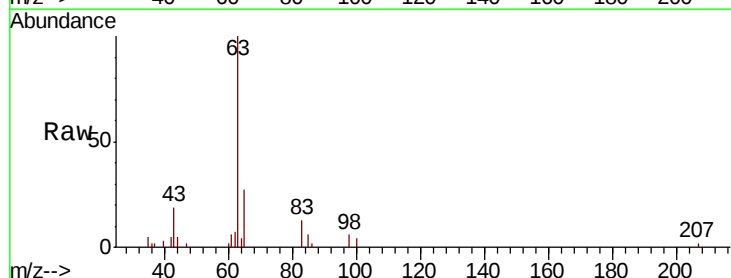
Tgt Ion: 63 Resp: 10634

Ion Ratio Lower Upper

63 100

98 6.4 4.0 12.2

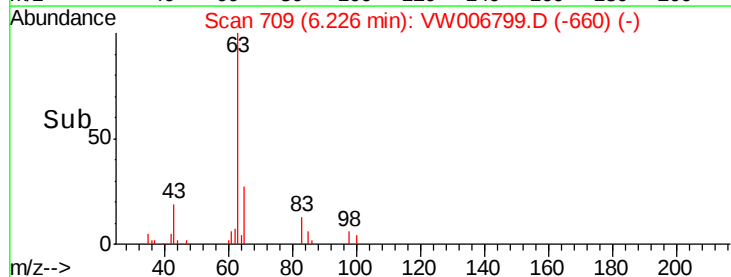
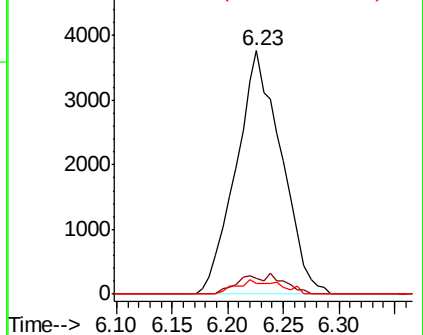
100 4.5 2.3 6.9

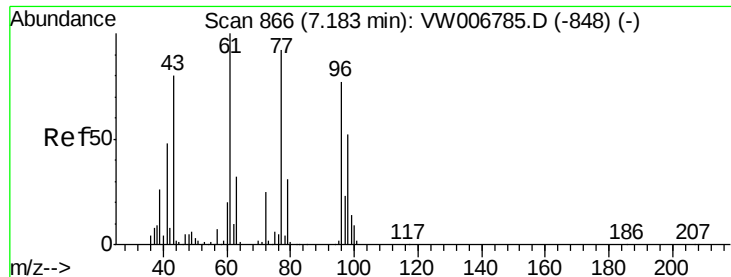


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 480.018 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 43 Resp: 9824

Ion Ratio Lower Upper

43 100

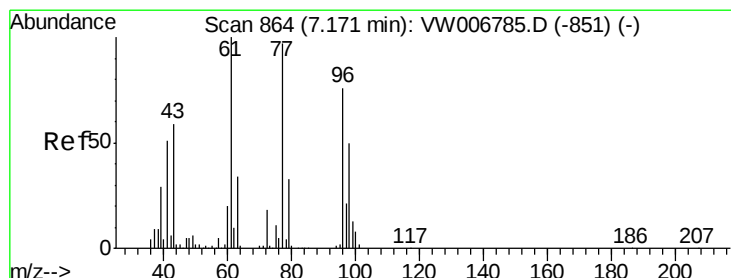
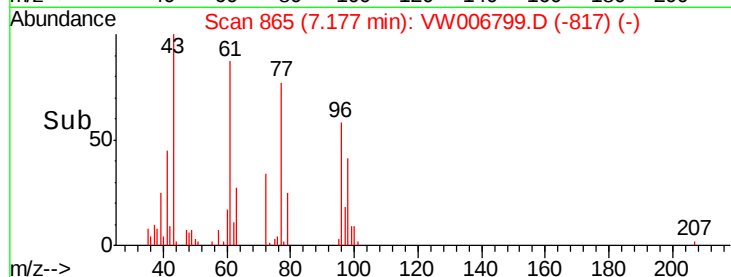
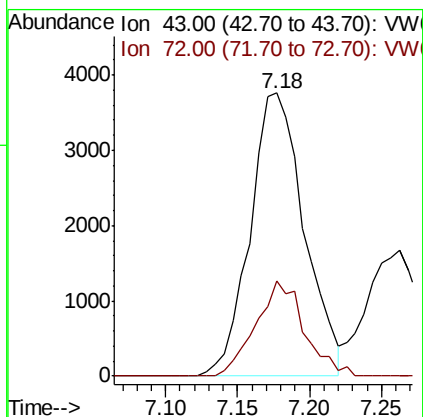
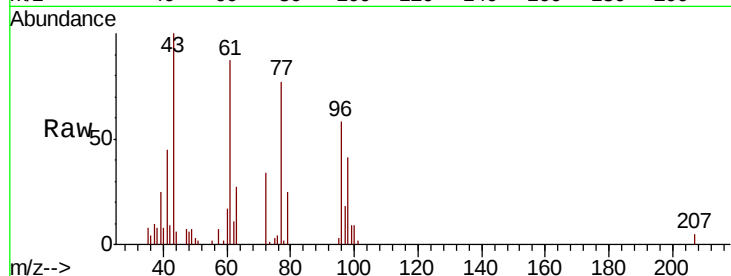
72 33.8 24.5 36.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.282 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006799.D

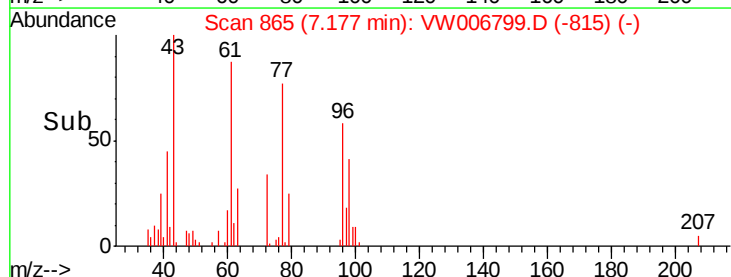
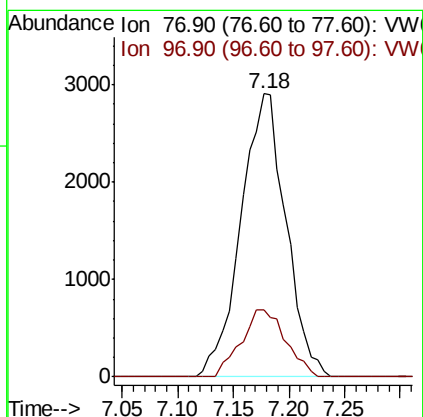
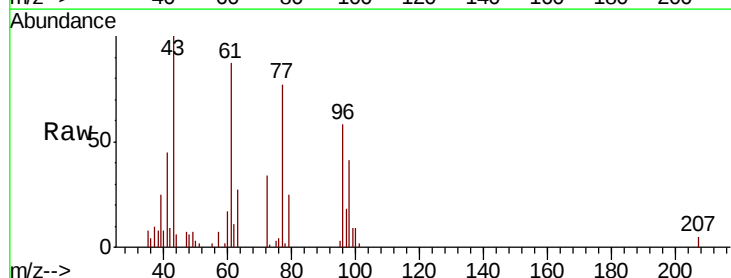
Acq: 09 Nov 2018 21:06

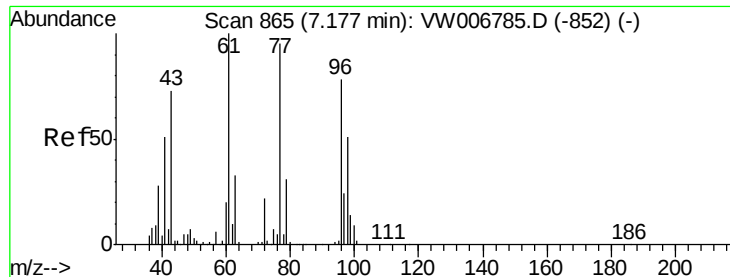
Tgt Ion: 77 Resp: 8170

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5





#27

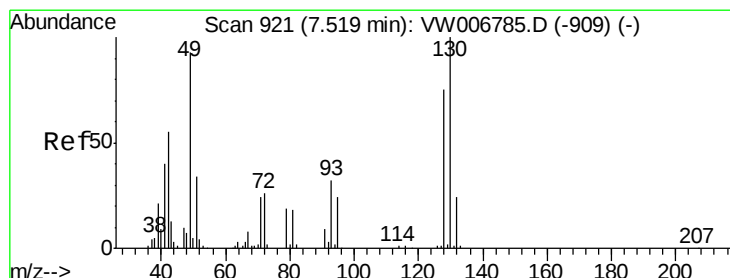
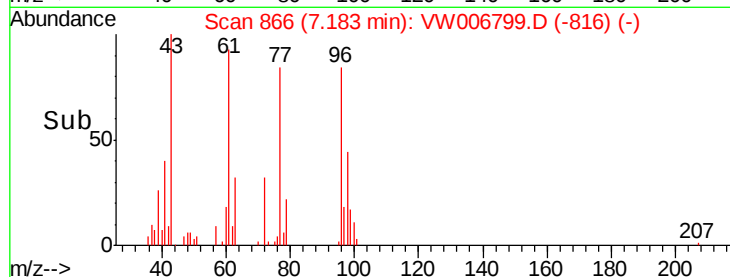
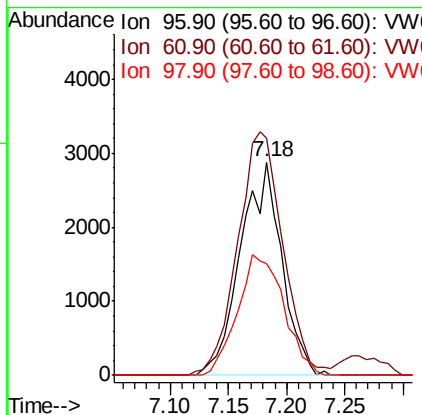
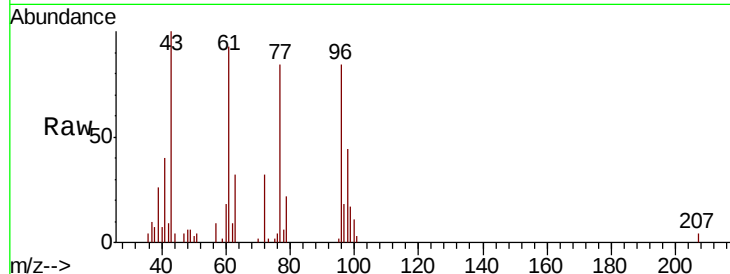
cis-1,2-Dichloroethene
Concen: 66.314 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.0	0.0	264.4
98	63.4	0.0	130.0

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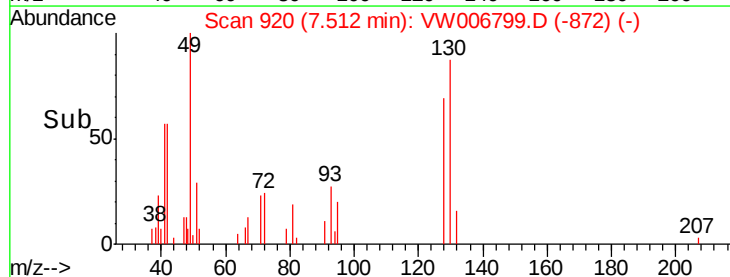
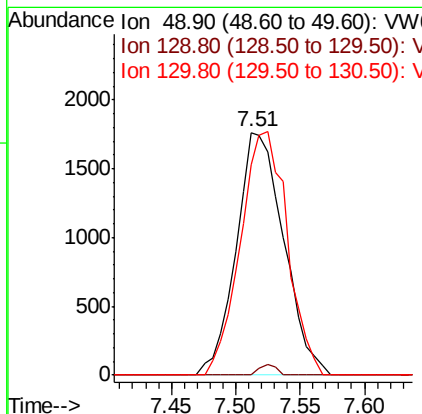
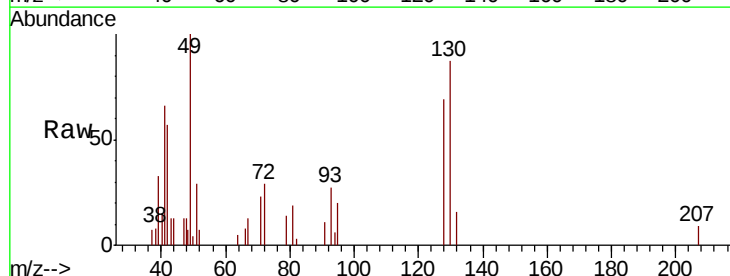
apatel
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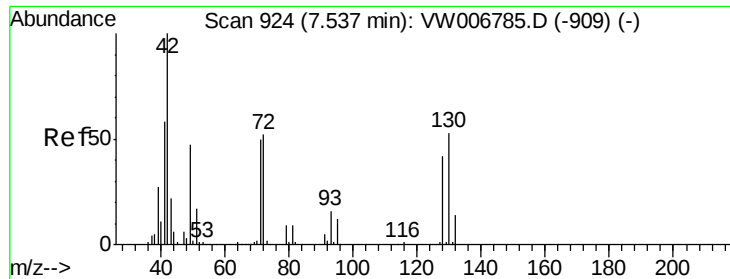


#28

Bromochloromethane
Concen: 77.523 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.6
130	98.7	81.5	122.3





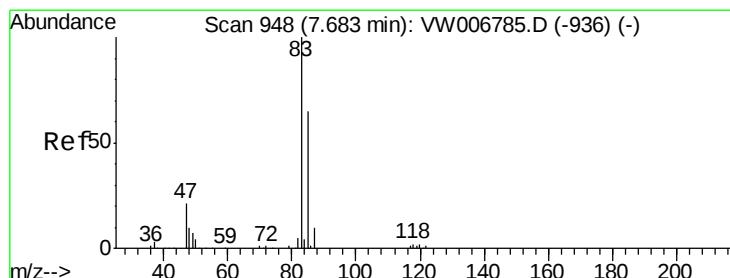
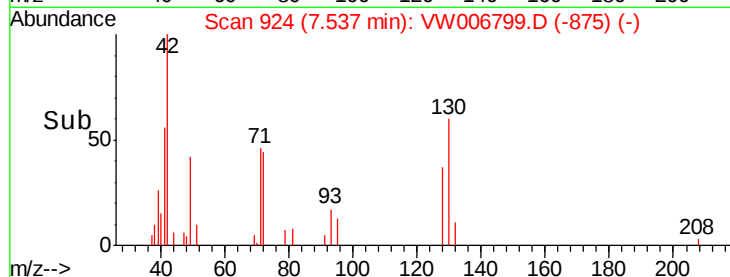
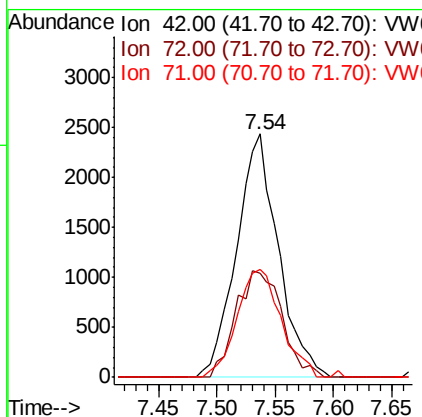
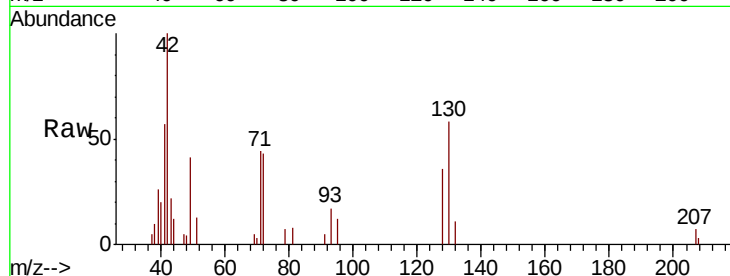
#29
Tetrahydrofuran
Concen: 453.858 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.5	39.8	59.8
71	46.8	37.8	56.6

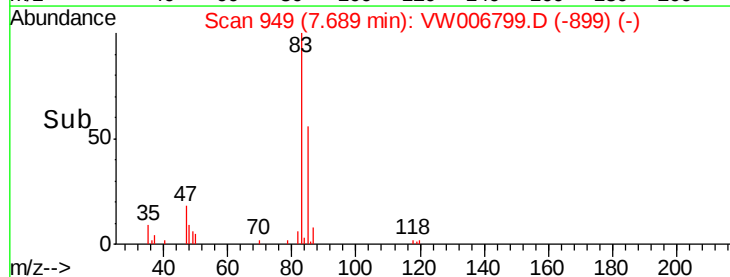
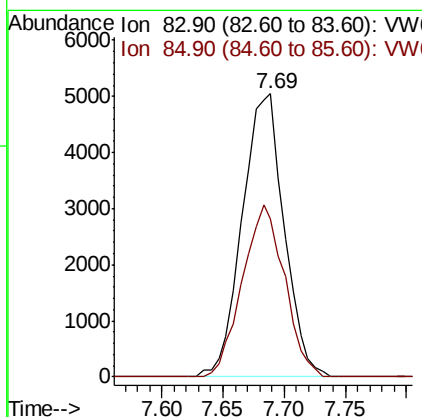
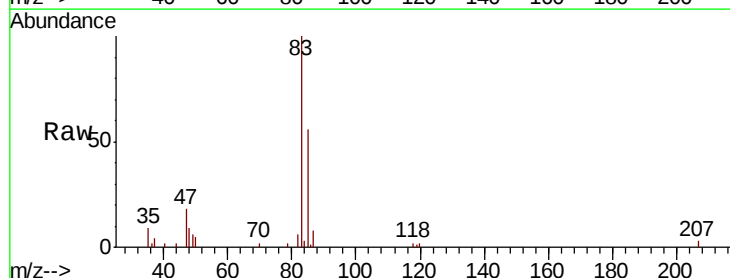
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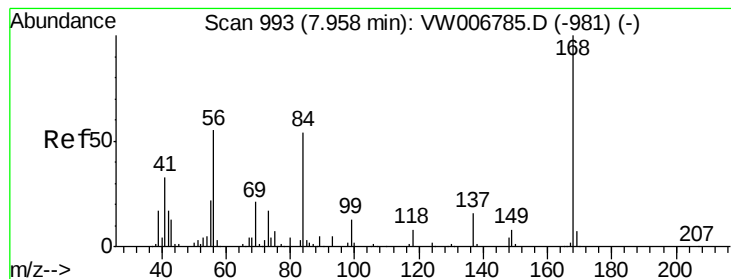
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#30
Chloroform
Concen: 69.970 ug/l
RT: 7.69 min Scan# 949
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	55.6	52.1	78.1





#31

Cyclohexane

Concen: 48.456 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

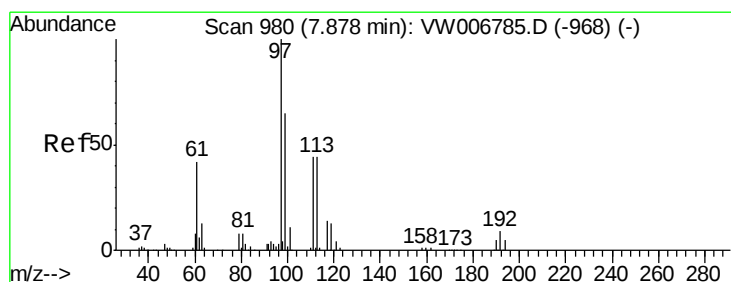
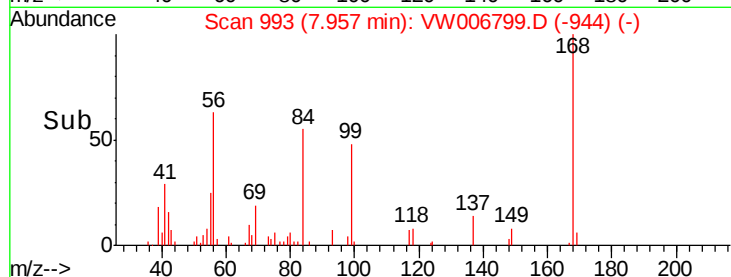
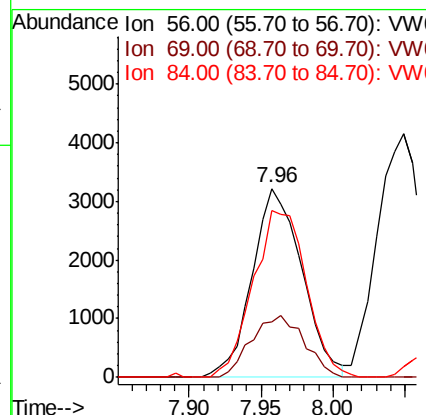
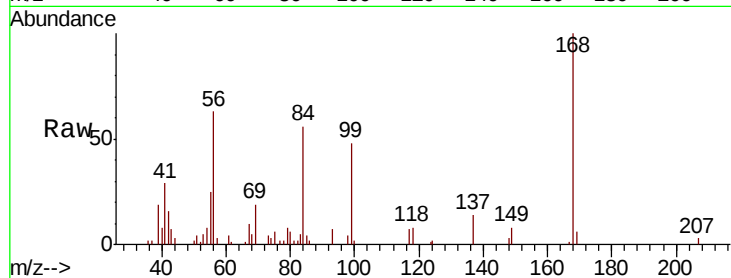
ClientSampleId :

EP2-SB-104(15-17)

Tot Ion:	56	Resp:	7741
Ion Ratio	Lower	Upper	
56	100		
69	29.4	30.3	45.5#
84	88.2	78.2	117.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 57.173 ug/l

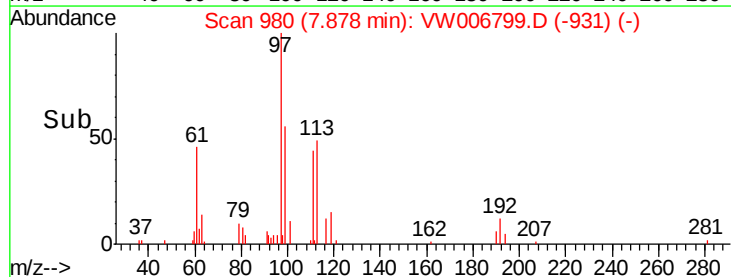
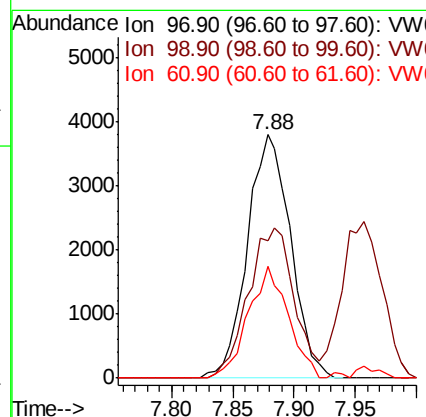
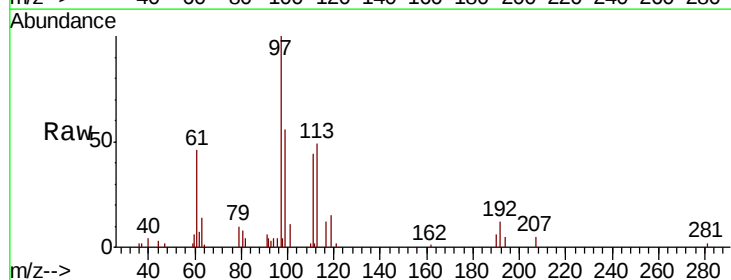
RT: 7.88 min Scan# 980

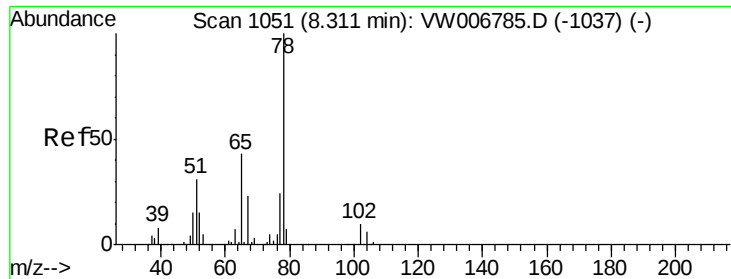
Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Tgt Ion:	97	Resp:	9326
Ion Ratio	Lower	Upper	
97	100		
99	65.6	51.4	77.2
61	42.5	32.7	49.1





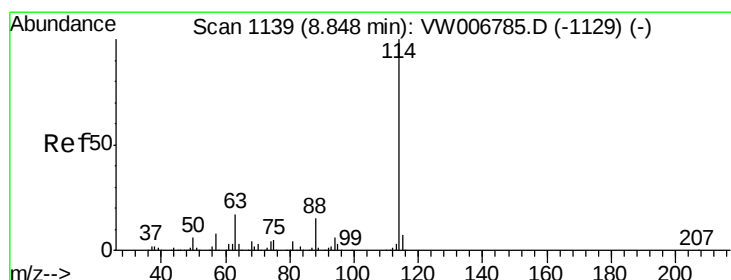
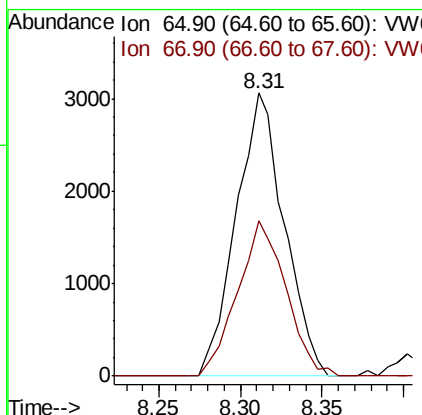
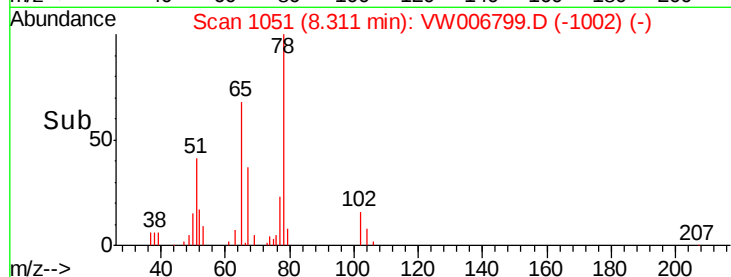
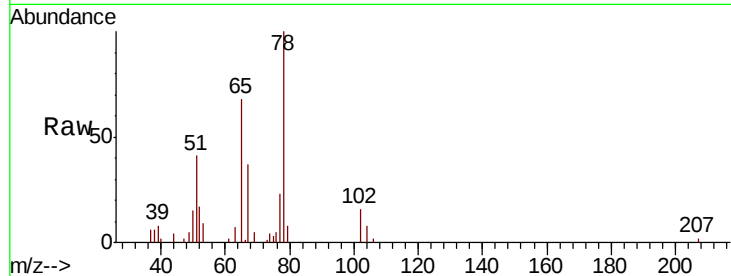
#33
 1,2-Dichloroethane-d4
 Concen: 73.502 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	107.2

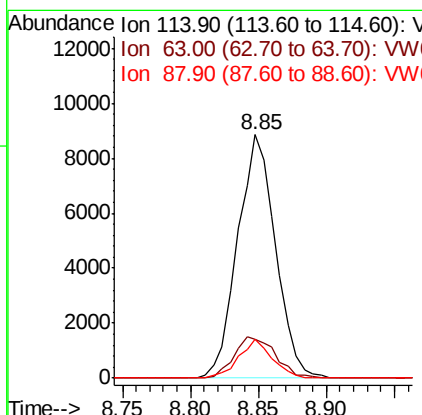
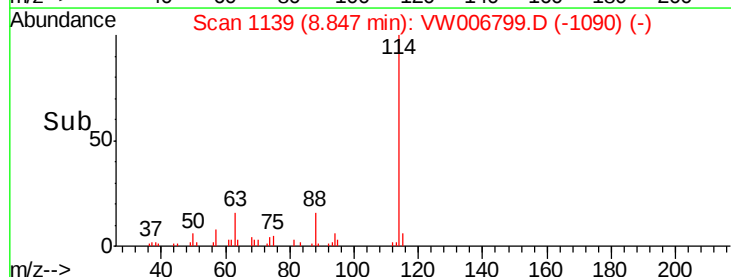
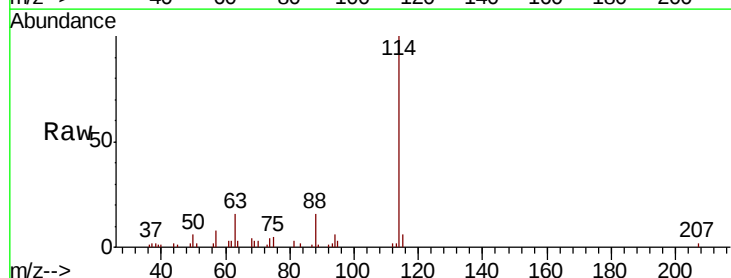
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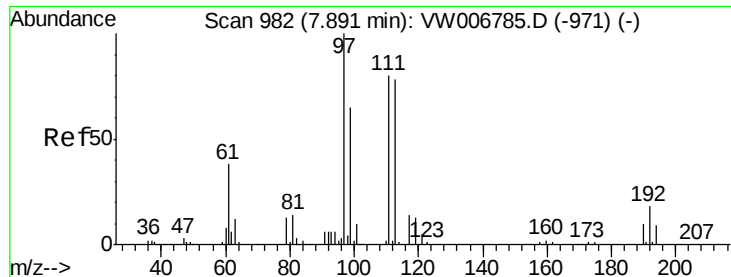
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	34.0
88	16.1	0.0	29.2





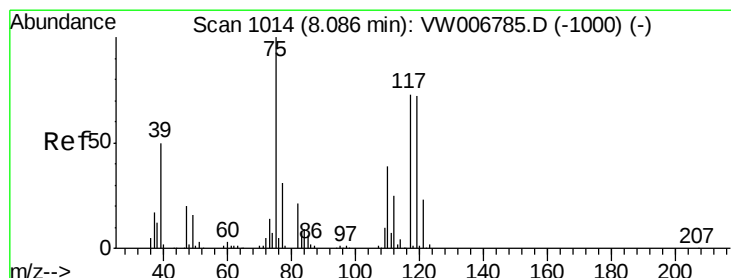
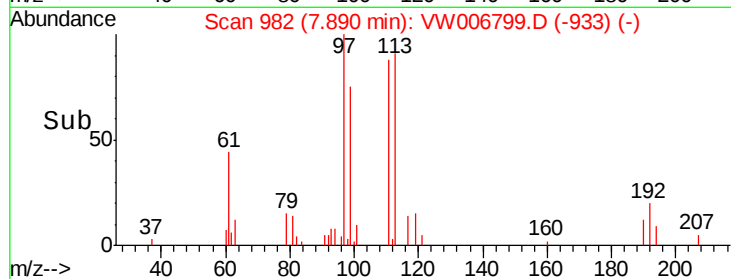
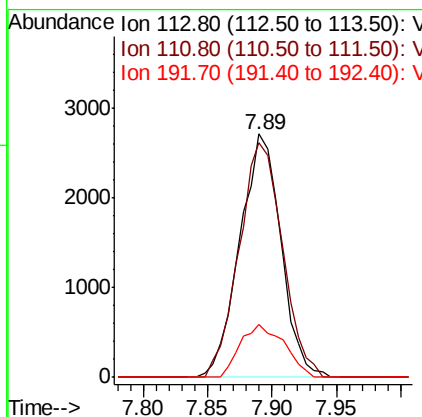
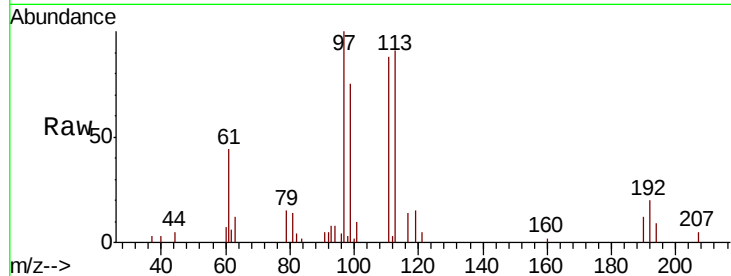
#35
Dibromofluoromethane
Concen: 61.122 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.2
192	23.0	19.1	28.7

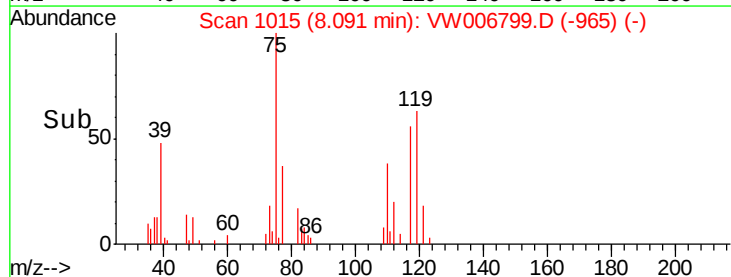
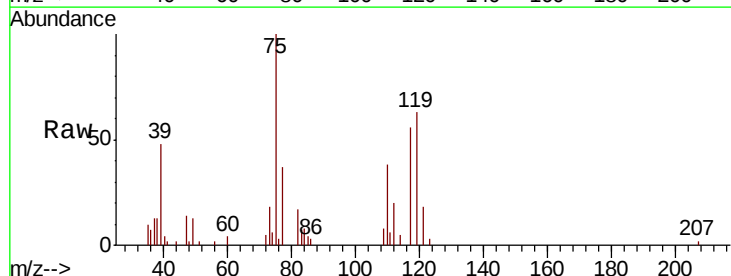
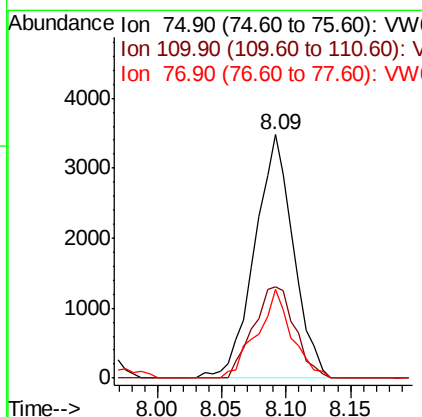
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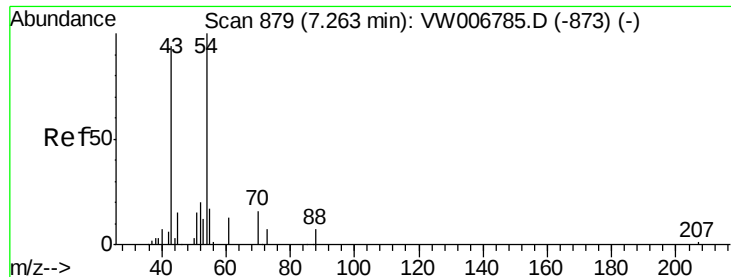
apatel
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#36
1,1-Dichloropropene
Concen: 46.456 ug/l
RT: 8.09 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.2	19.6	58.7
77	33.0	24.9	37.3





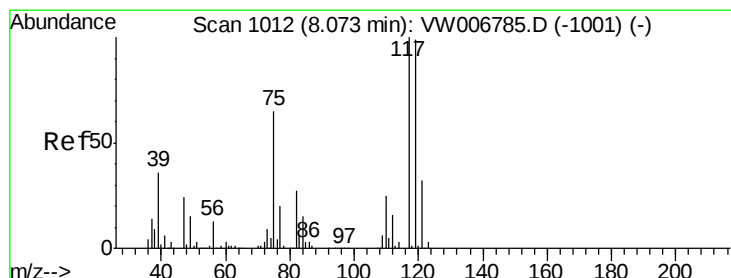
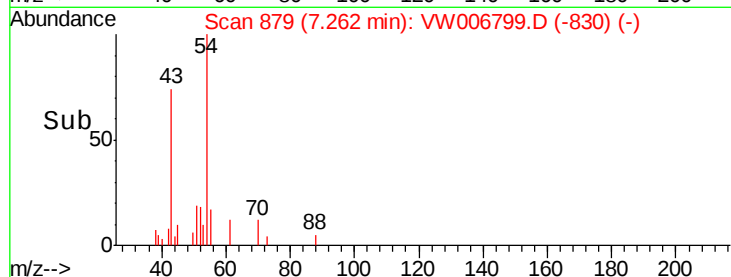
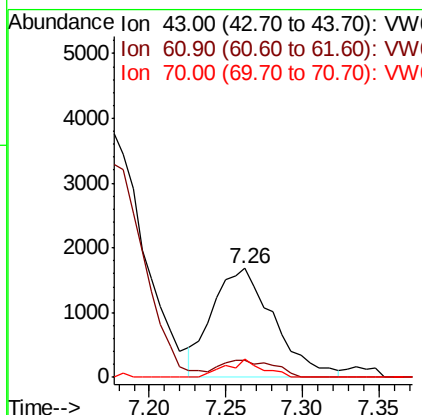
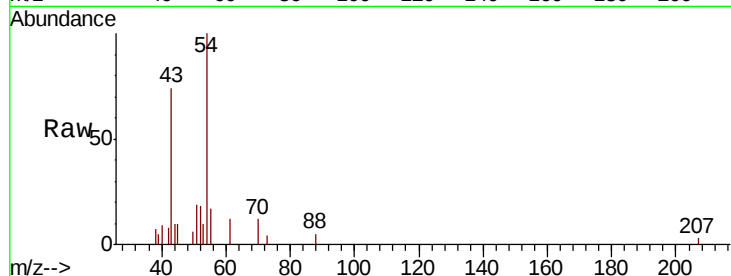
#37
Ethyl Acetate
Concen: 85.155 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	12.2	18.2
70	10.0	9.8	14.8

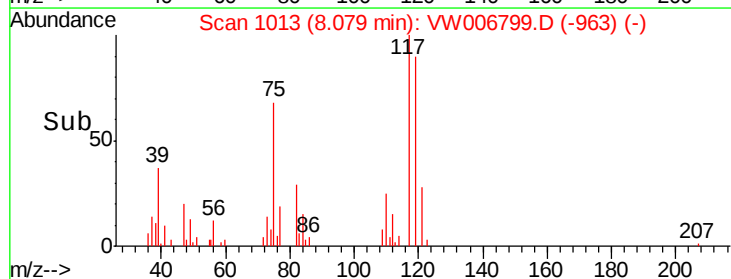
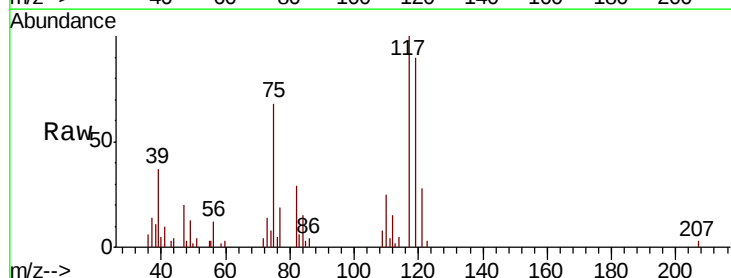
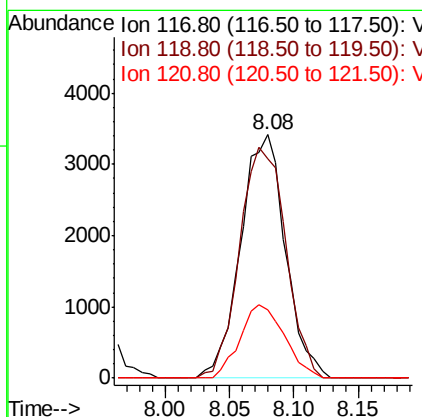
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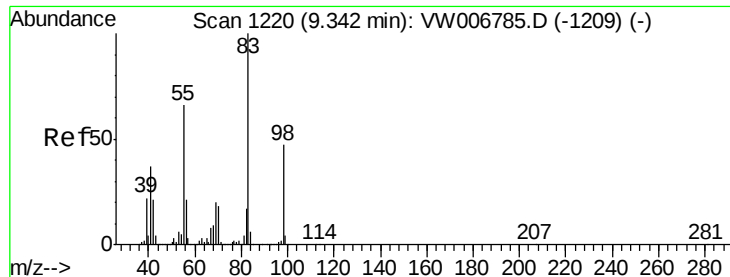
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#38
Carbon Tetrachloride
Concen: 49.190 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.0	78.9	118.3
121	28.0	25.3	37.9





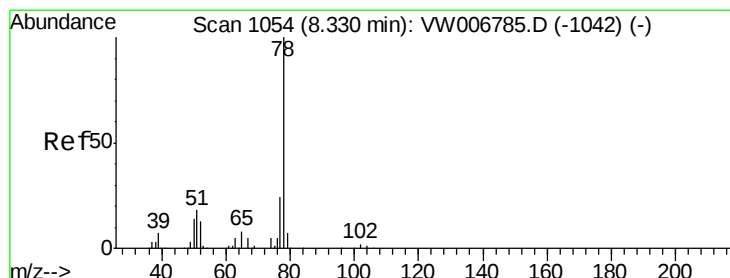
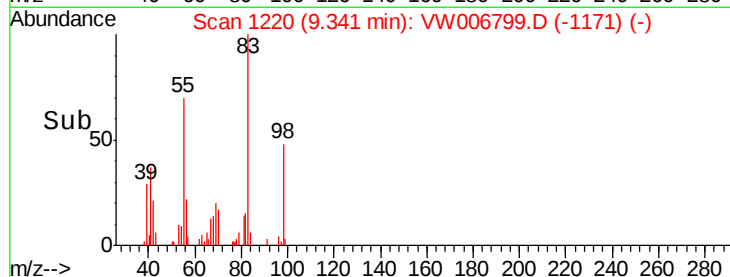
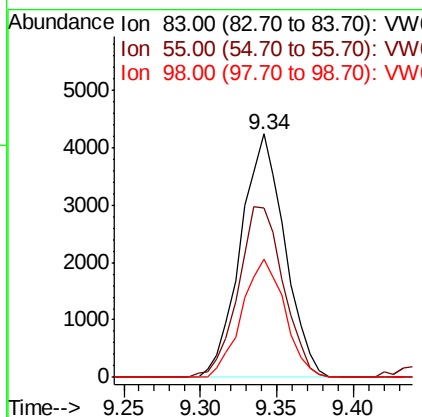
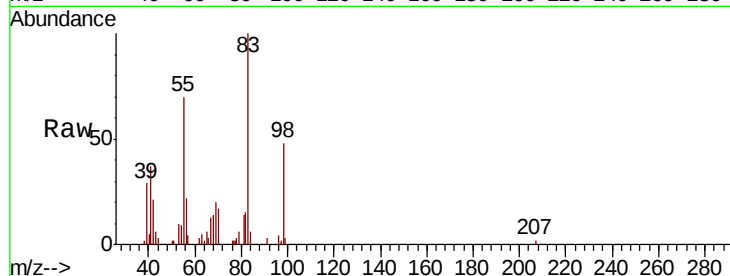
#39
Methvlcvclohexane
Concen: 42.722 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	53.0	79.4
98	48.5	37.9	56.9

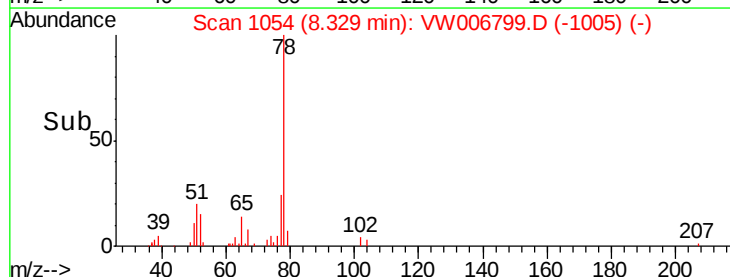
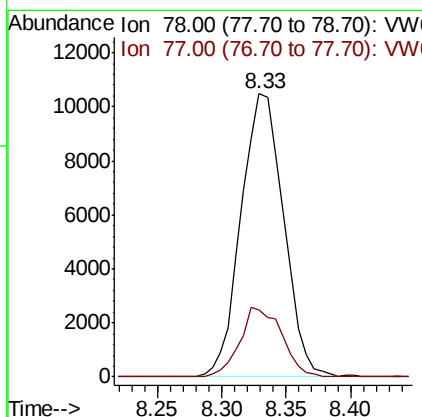
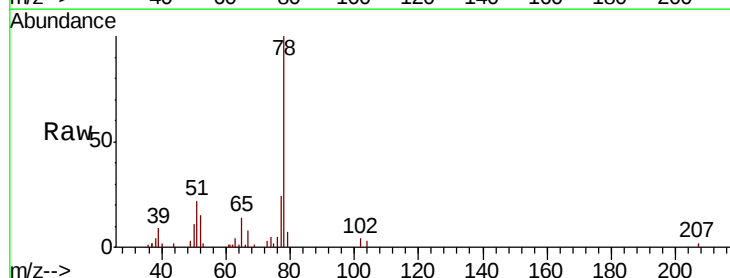
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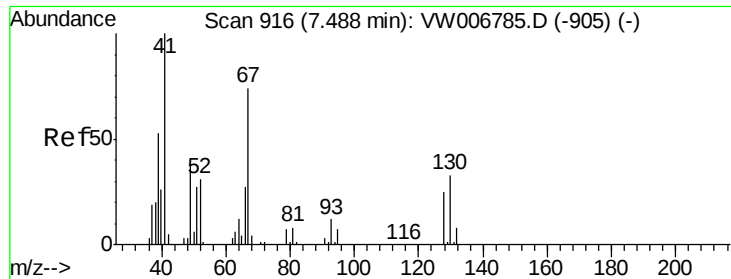
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#40
Benzene
Concen: 54.547 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2





#41

Methacrylonitrile

Concen: 63.385 ug/l m

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 41 Resp: 2040

Ion Ratio Lower Upper

41 100

39 97.1 49.3 73.9#

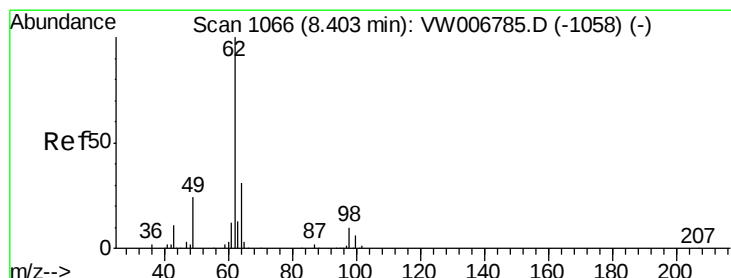
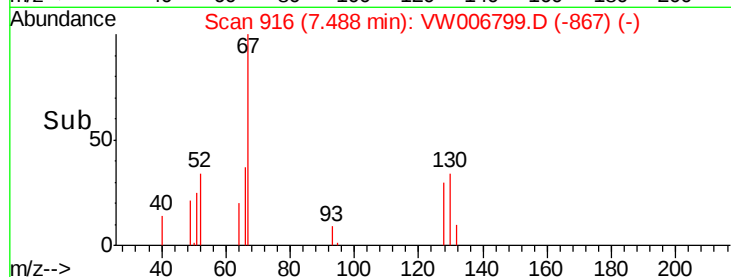
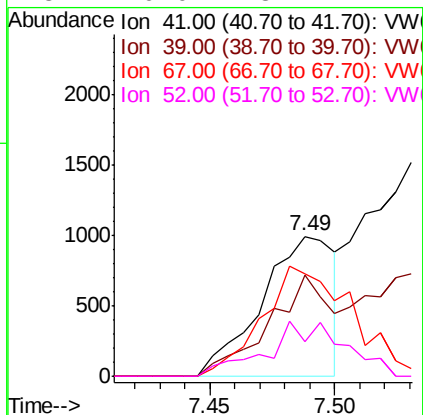
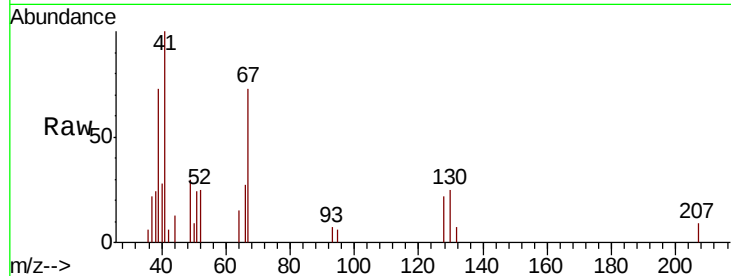
67 0.0 69.3 103.9#

52 0.0 28.2 42.4#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 69.968 ug/l

RT: 8.41 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VW006799.D

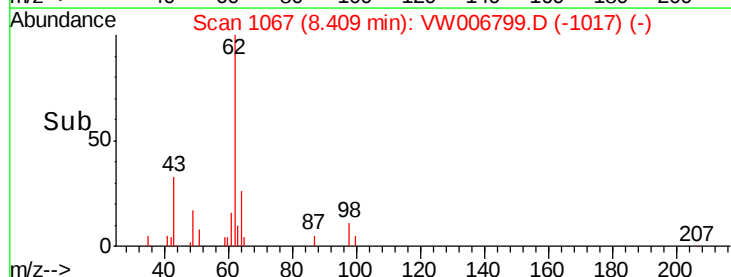
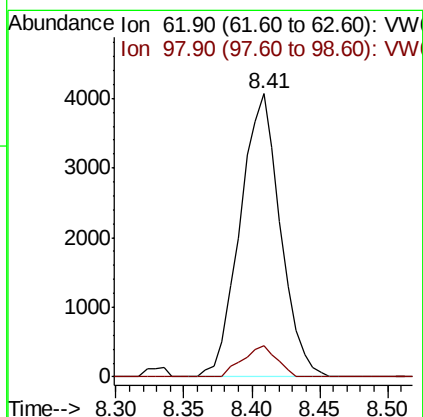
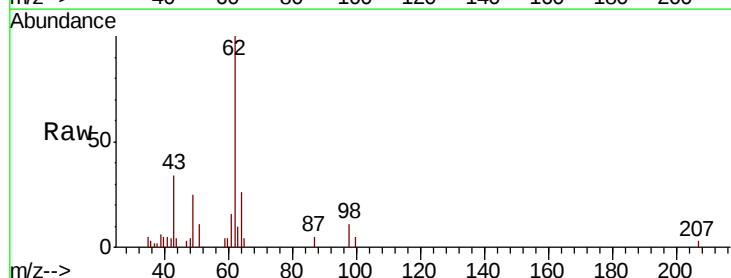
Acq: 09 Nov 2018 21:06

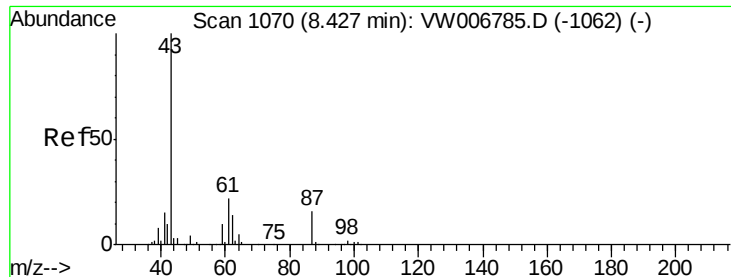
Tgt Ion: 62 Resp: 8401

Ion Ratio Lower Upper

62 100

98 9.3 0.0 19.4





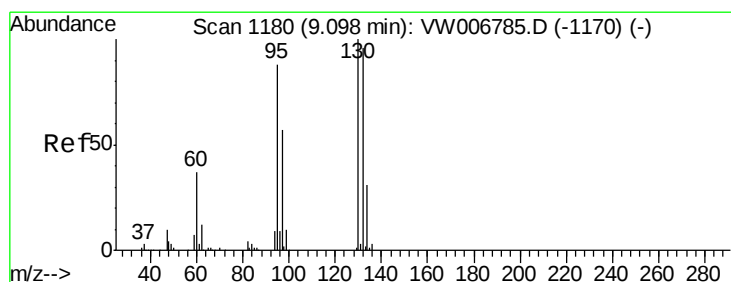
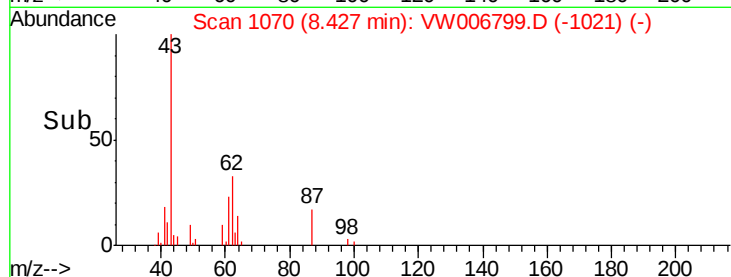
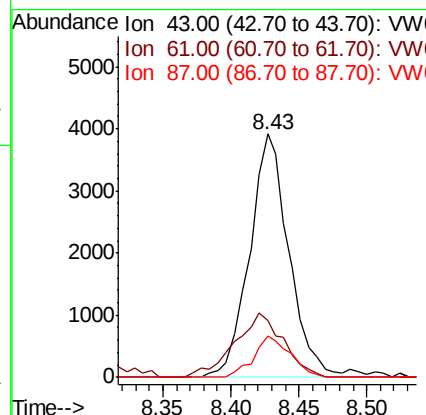
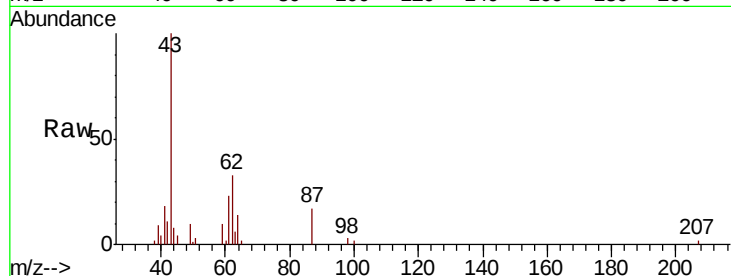
#43
Isopropyl Acetate
Concen: 75.944 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.5	26.5	39.7
87	15.9	12.8	19.2

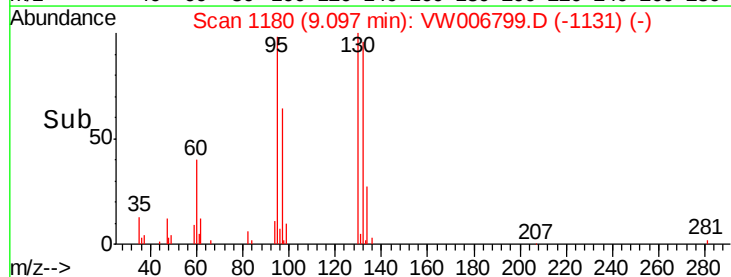
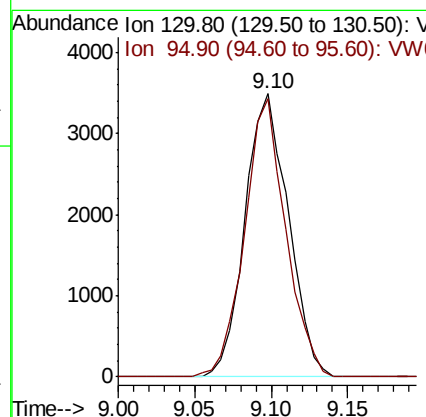
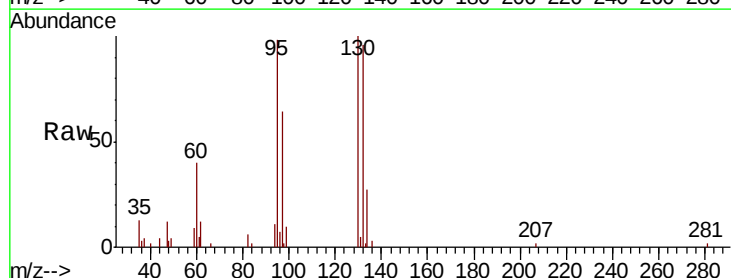
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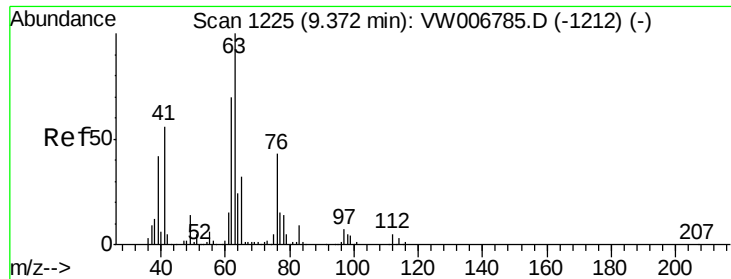
apatel
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#44
Trichloroethene
Concen: 50.647 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	175.0





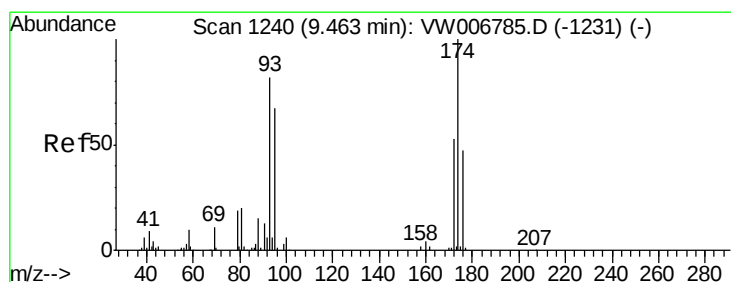
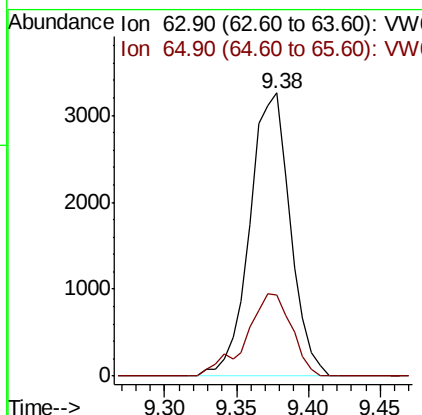
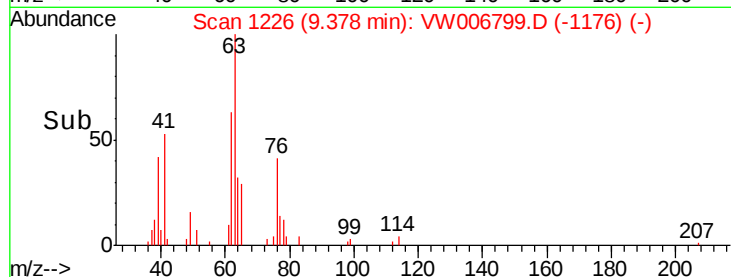
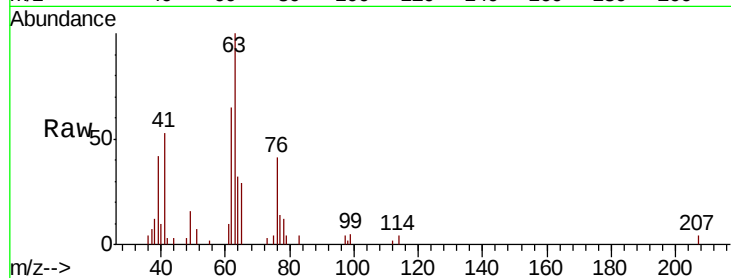
#45
 1,2-Dichloropropane
 Concen: 60.995 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.6	25.5	38.3

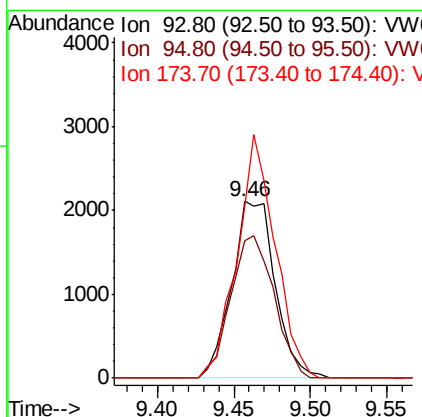
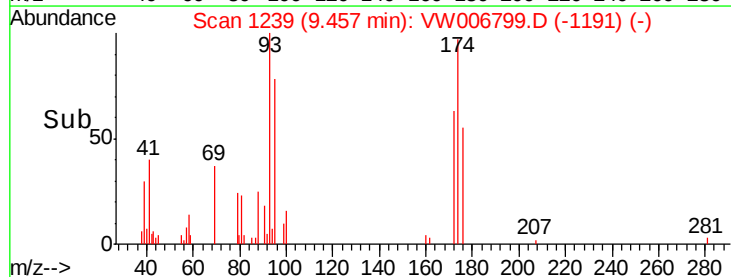
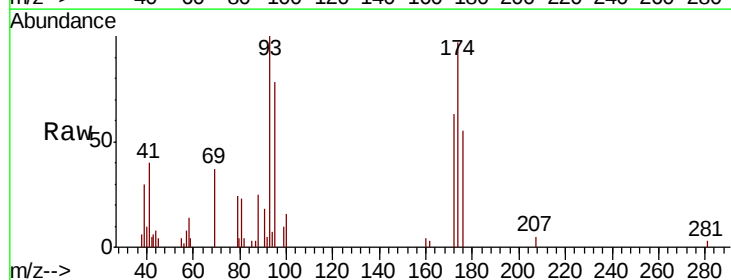
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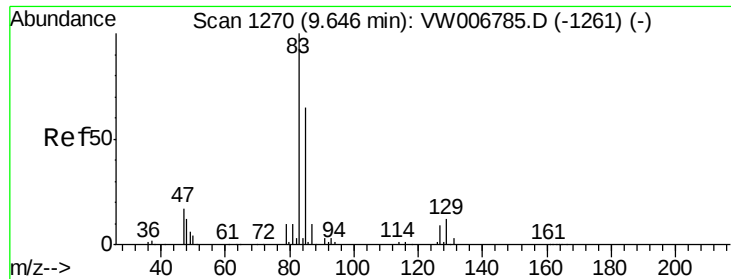
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#46
 Dibromomethane
 Concen: 71.677 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.4	65.4	98.0
174	119.8	96.4	144.6





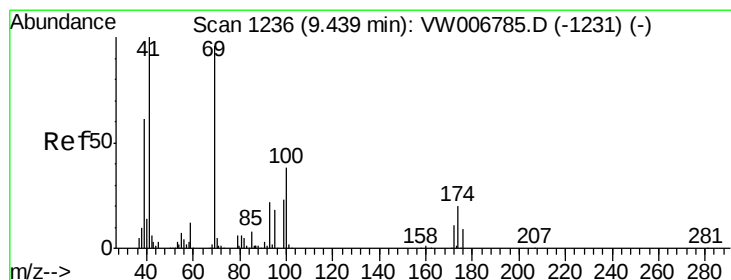
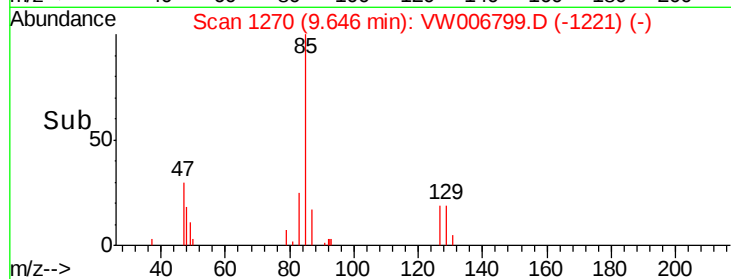
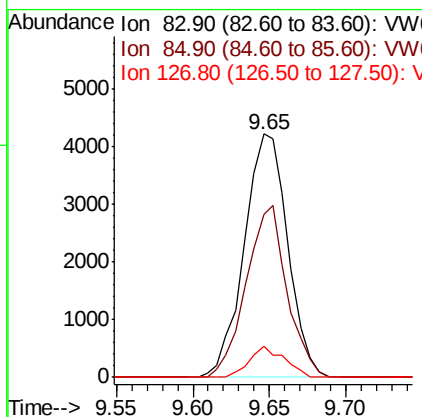
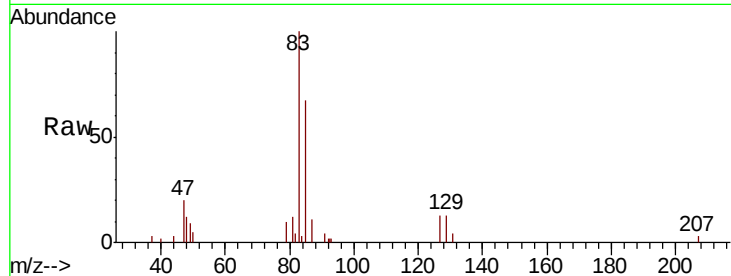
#47
Bromodichloromethane
Concen: 59.126 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	83	Resp	8345
Ion Ratio	100	Lower	Upper
83	100		
85	67.0	51.6	77.4
127	12.6	7.4	11.2#

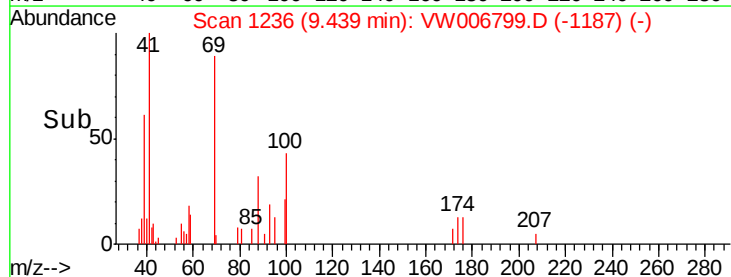
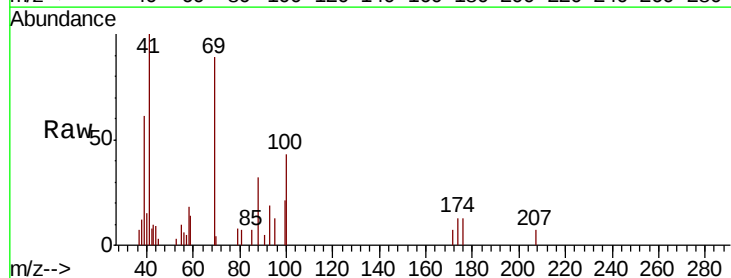
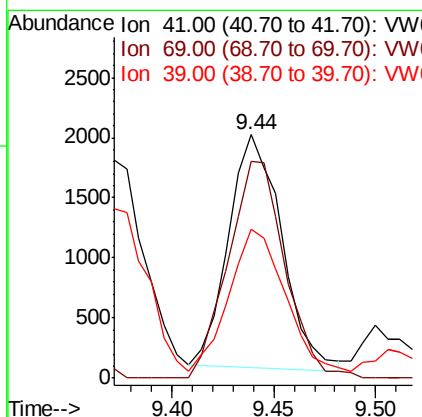
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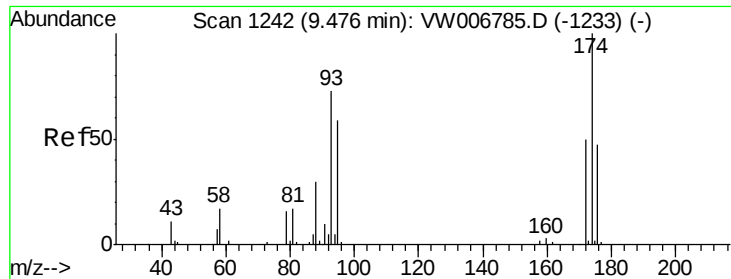
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#48
Methyl methacrylate
Concen: 71.969 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	41	Resp	3525
Ion Ratio	100	Lower	Upper
41	100		
69	99.0	81.5	122.3
39	70.8	48.0	72.0





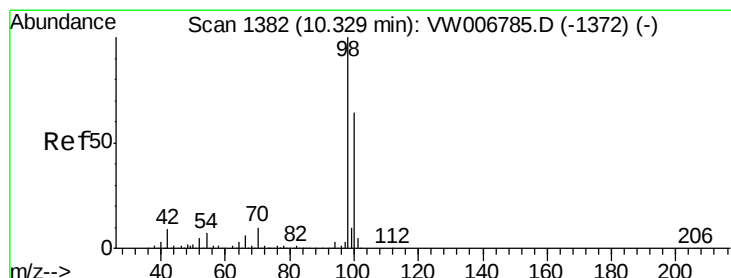
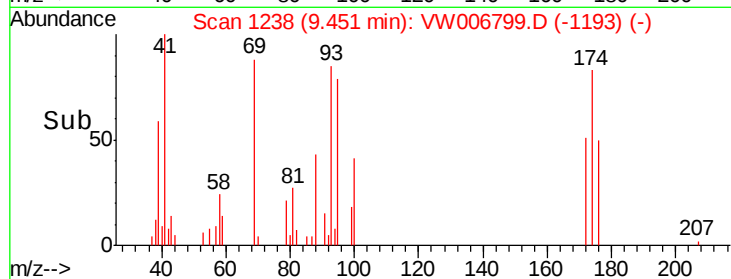
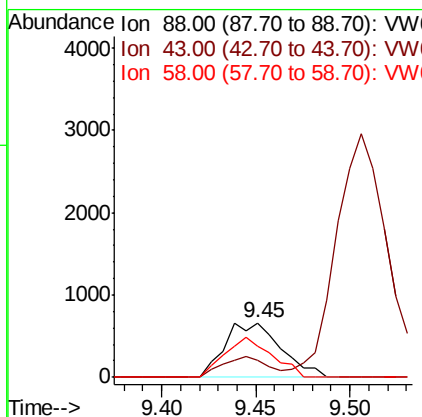
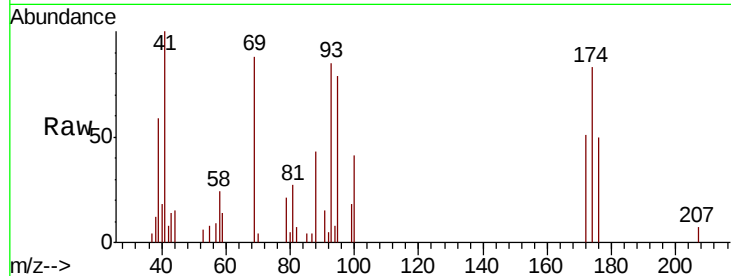
#49
1,4-Dioxane
Concen: 1562.975 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	0.0	0.0#
58	61.4	53.7	80.5

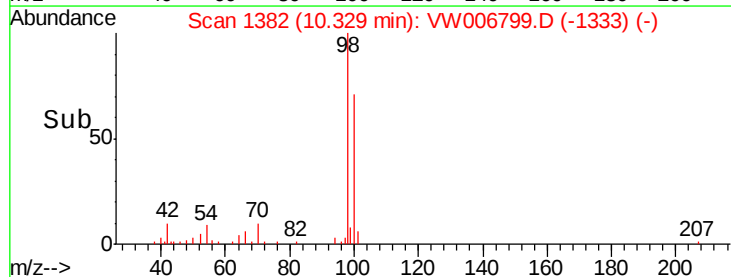
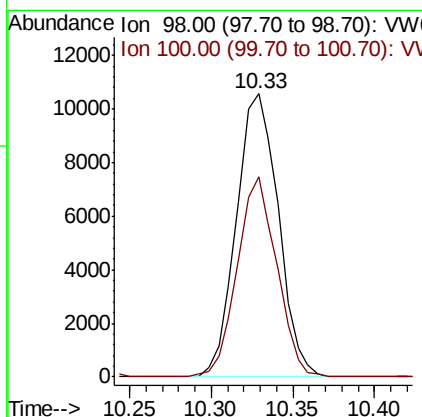
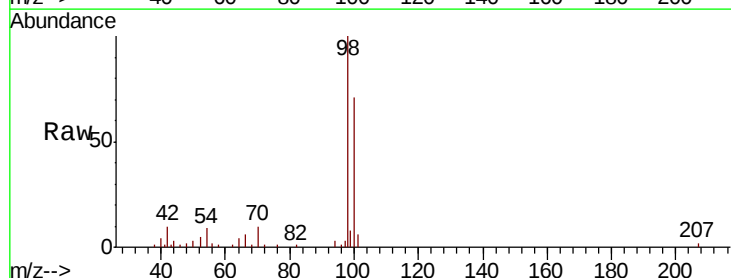
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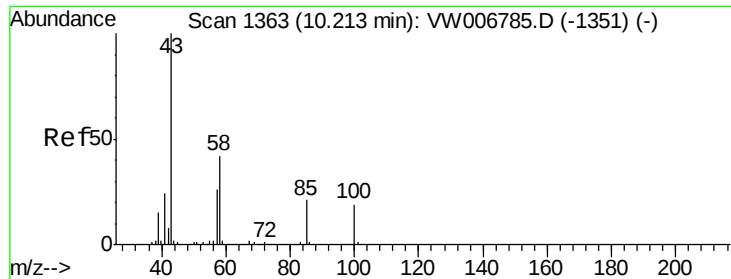
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#50
Toluene-d8
Concen: 45.938 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 377.797 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 43 Resp: 20186

Ion Ratio Lower Upper

43 100

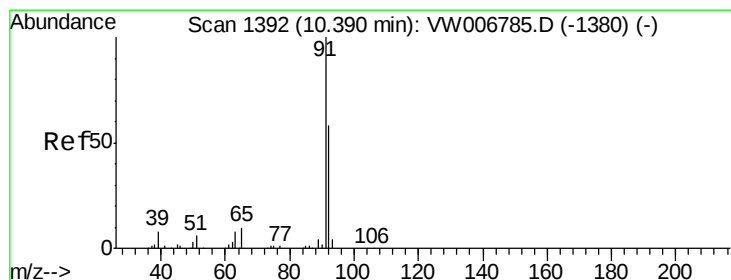
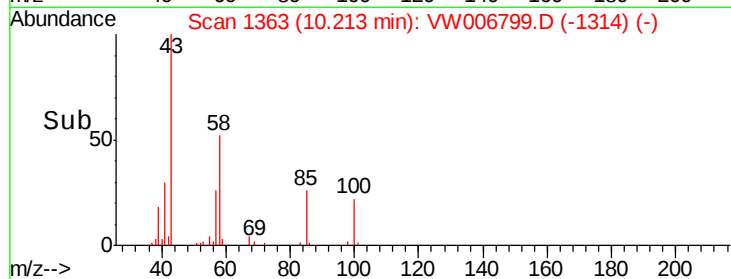
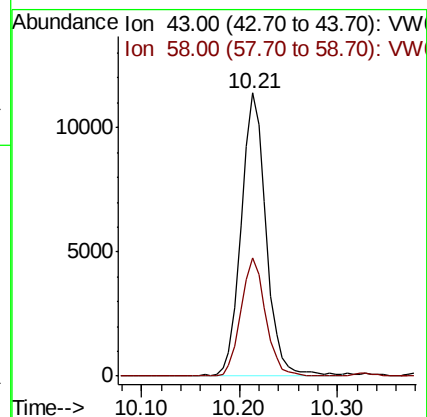
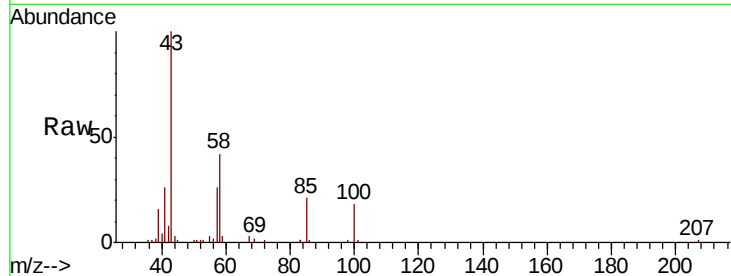
58 41.1 33.2 49.8

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#52

Toluene

Concen: 46.201 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006799.D

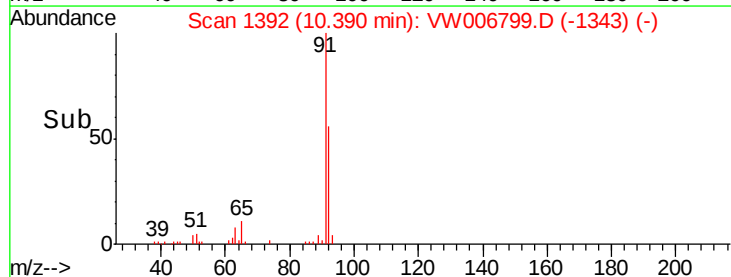
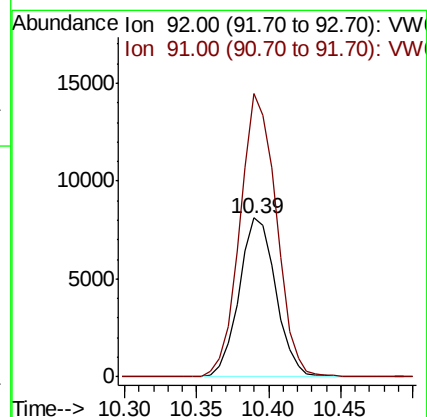
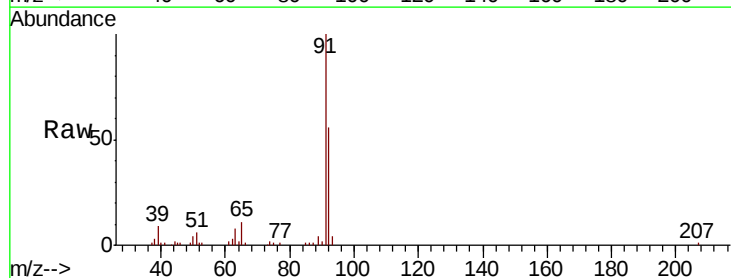
Acq: 09 Nov 2018 21:06

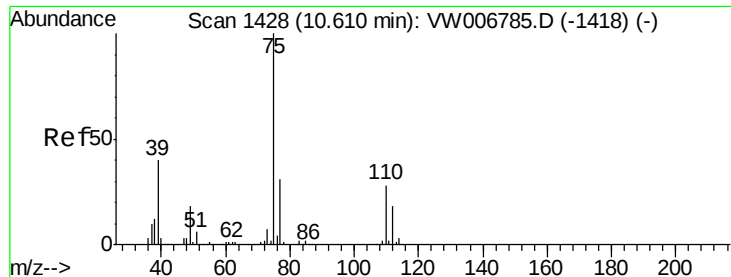
Tgt Ion: 92 Resp: 14328

Ion Ratio Lower Upper

92 100

91 177.0 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 56.460 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 75 Resp: 7727

Ion Ratio Lower Upper

75 100

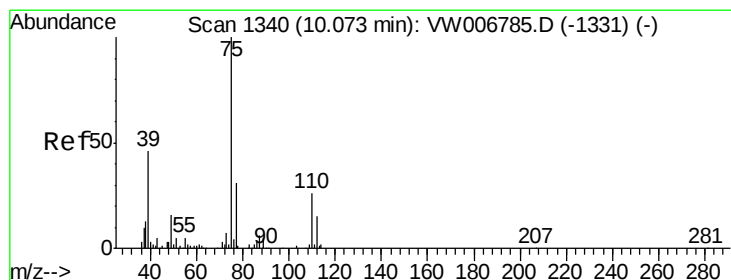
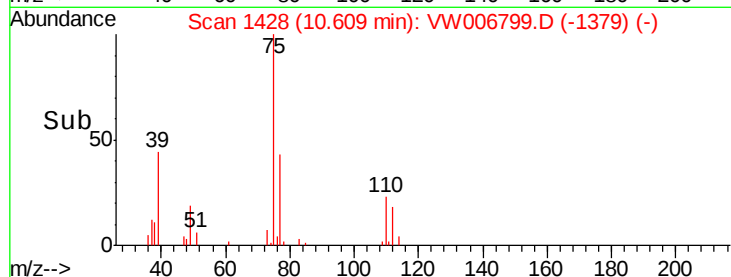
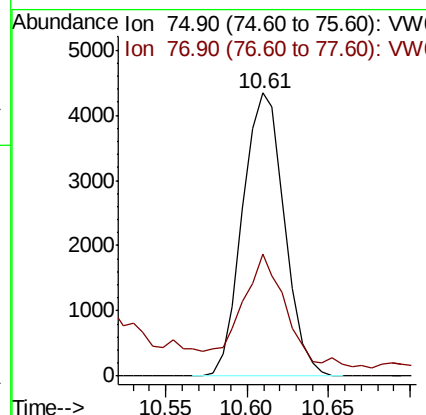
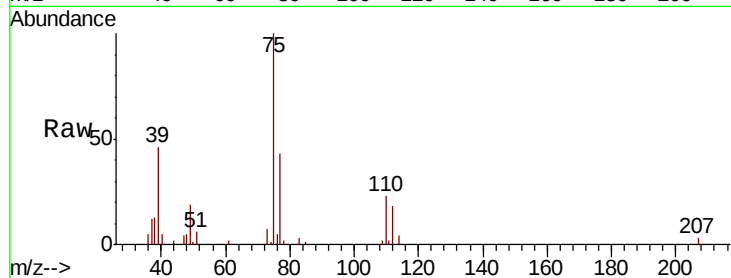
77 38.5 25.1 37.7#

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#54

cis-1,3-Dichloropropene

Concen: 54.030 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

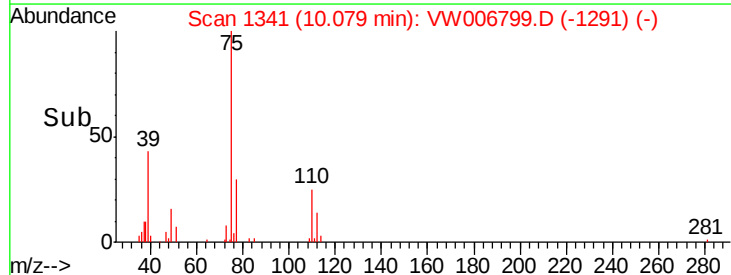
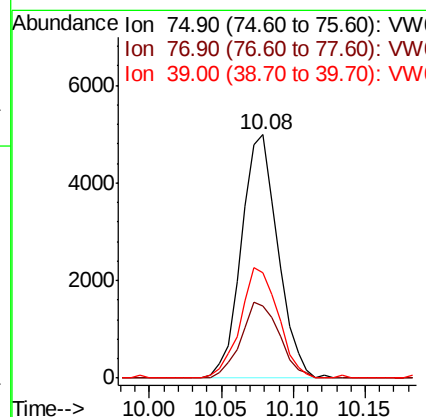
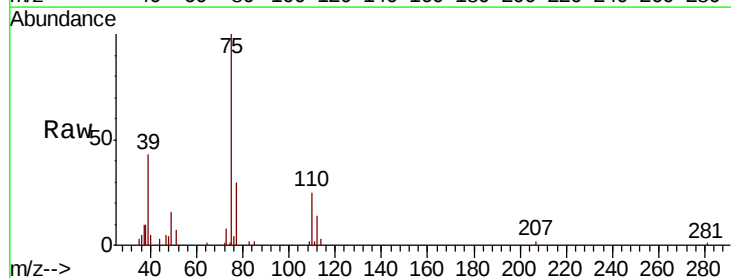
Tgt Ion: 75 Resp: 8767

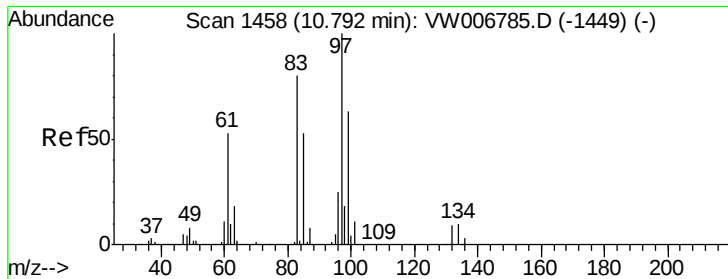
Ion Ratio Lower Upper

75 100

77 29.6 24.6 37.0

39 43.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 69.965 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

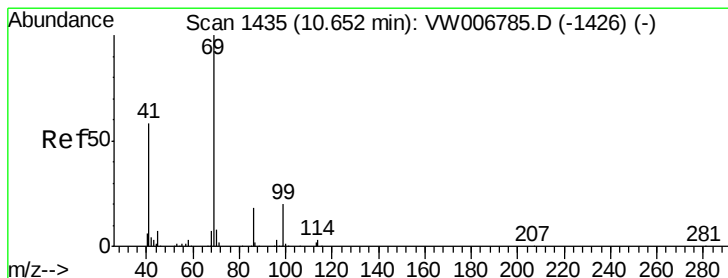
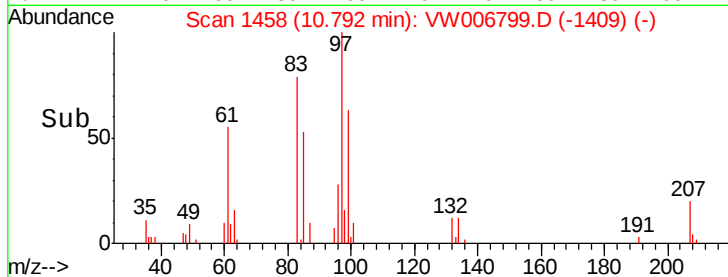
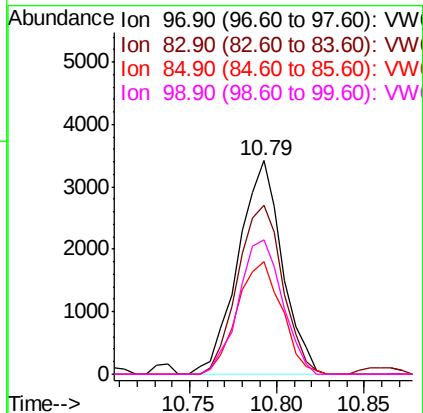
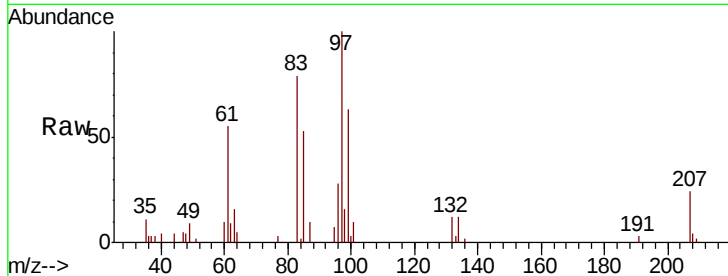
ClientSampleId :

EP2-SB-104(15-17)

Tot Ion	97	Resp:	5995
Ion	Ratio	Lower	Upper
97	100		
83	79.2	64.4	96.6
85	53.0	42.6	63.8
99	63.1	50.2	75.2

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#56

Ethyl methacrylate

Concen: 55.306 ug/l

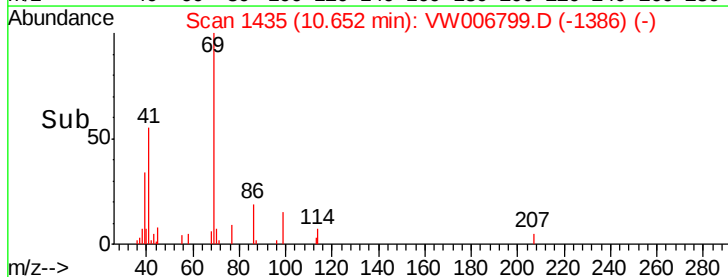
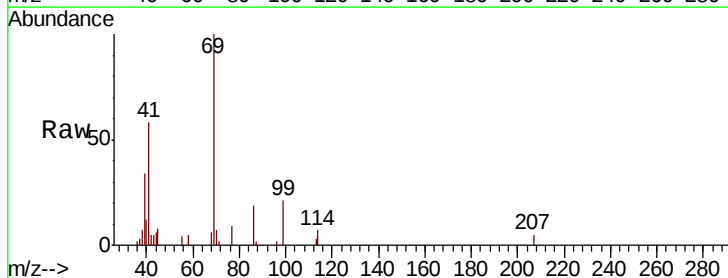
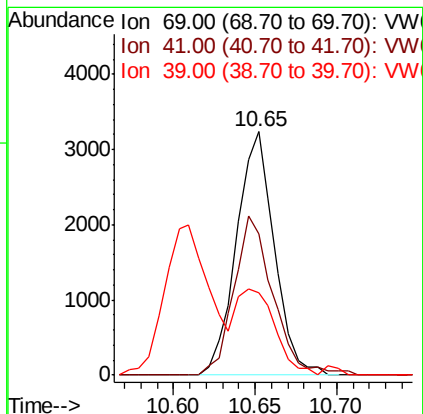
RT: 10.65 min Scan# 1435

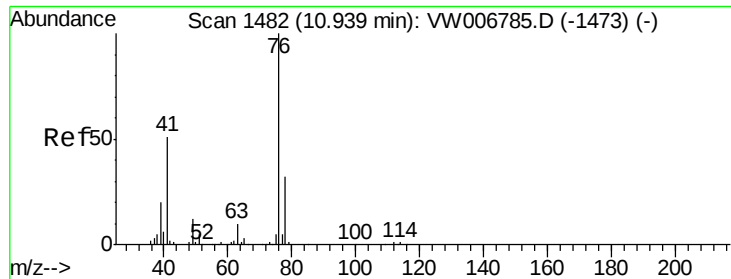
Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Tgt Ion	69	Resp:	5233
Ion	Ratio	Lower	Upper
69	100		
41	67.3	47.2	70.8
39	35.9	23.4	35.0#





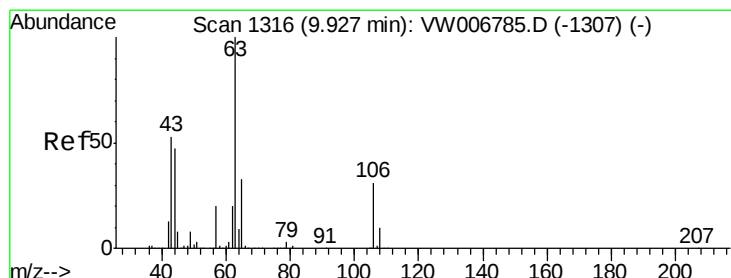
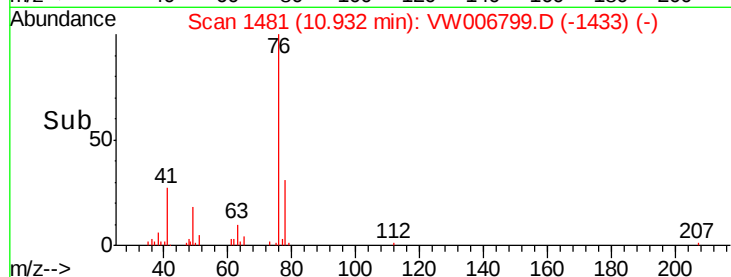
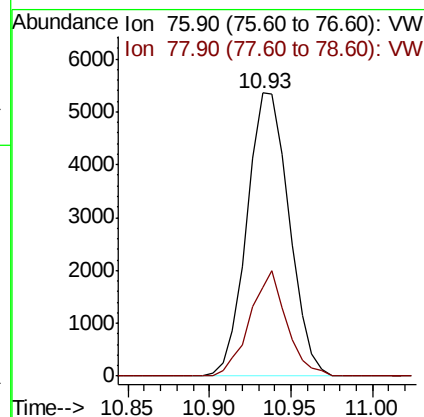
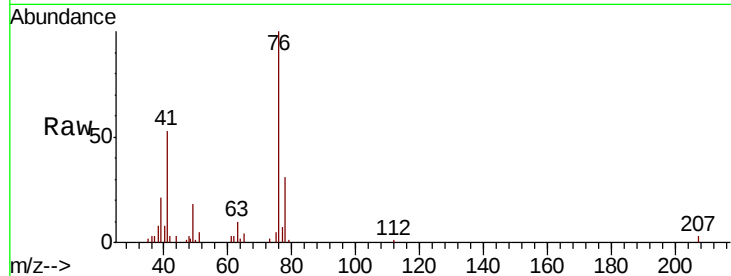
#57
 1,3-Dichloropropane
 Concen: 70.523 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.5	38.3

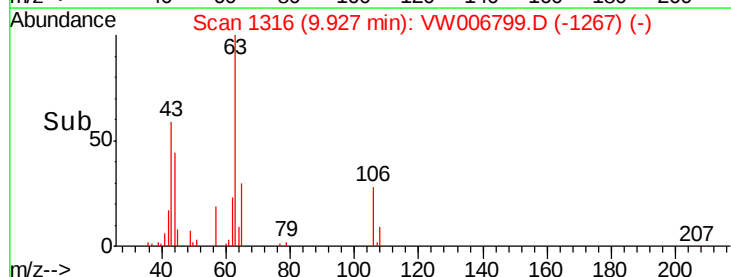
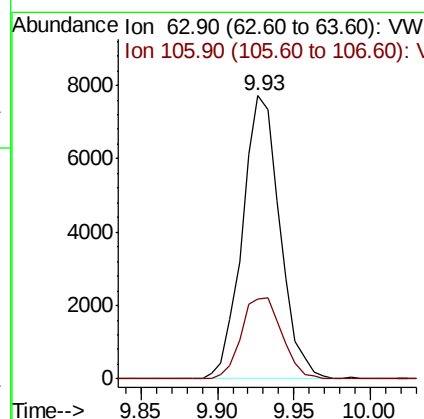
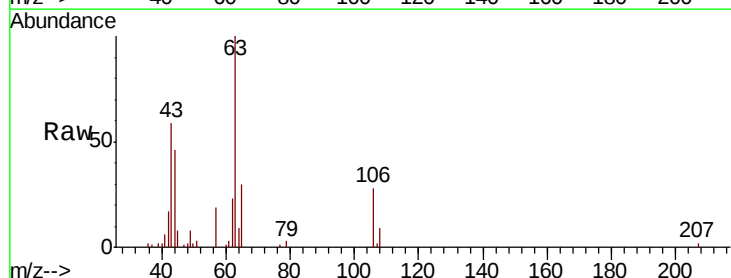
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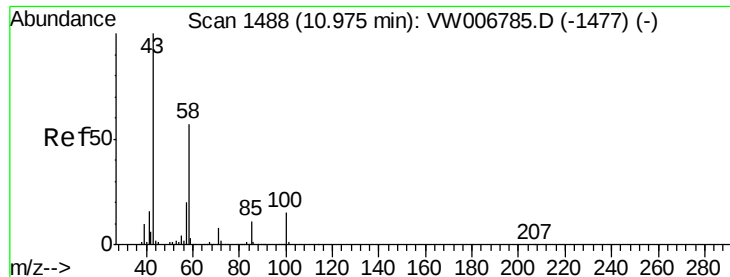
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 11/12/2018 3:41:27 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.831 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	25.3	37.9





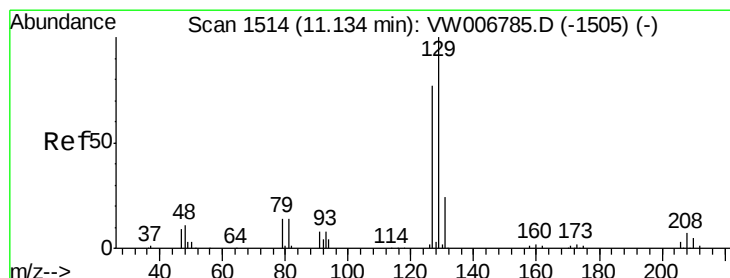
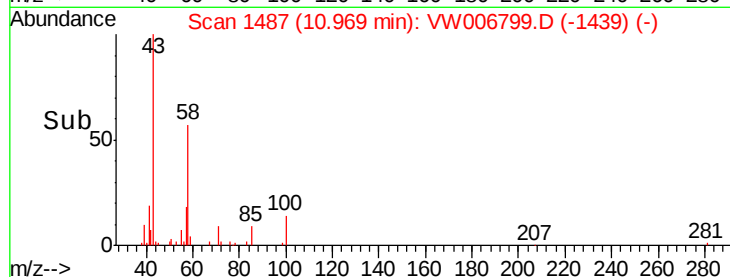
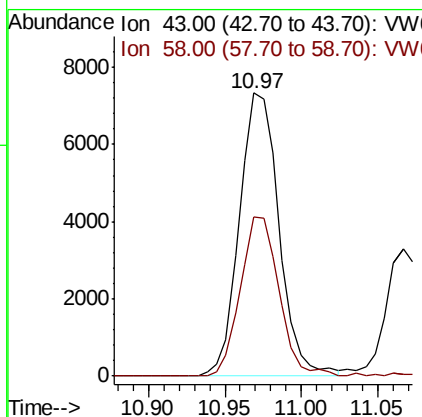
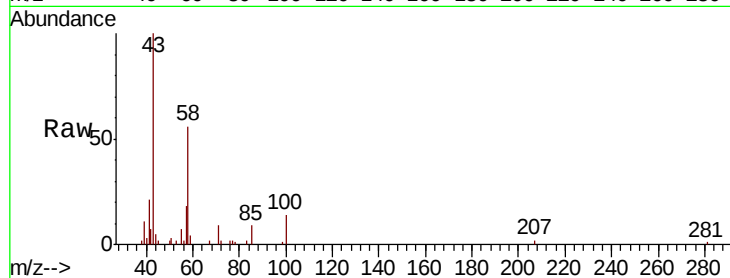
#59
2-Hexanone
Concen: 365.171 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	43	Resp	13223
Ion Ratio	100	Lower	Upper
43	100		
58	54.7	28.5	85.5

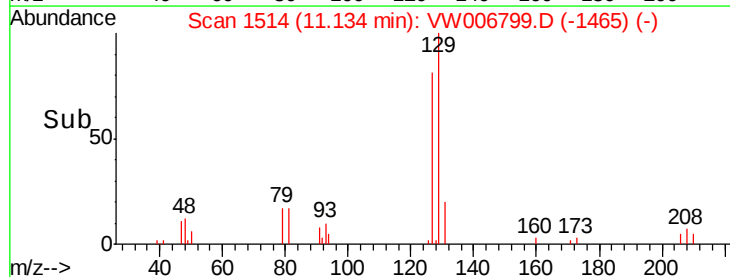
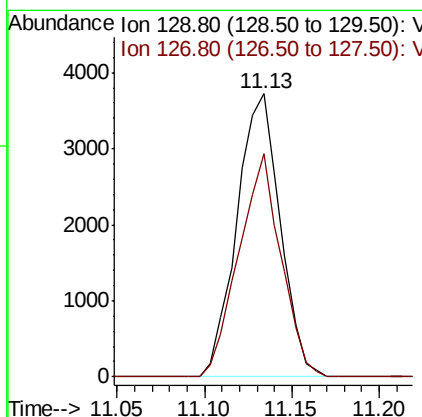
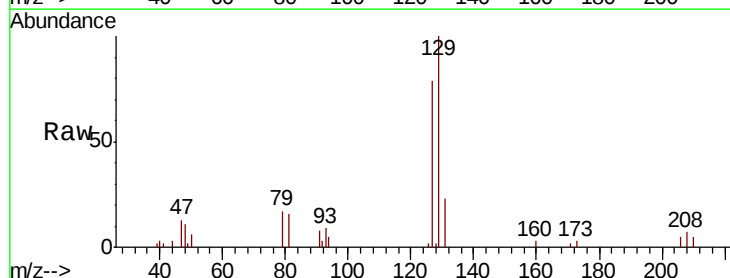
Manual Integrations
APPROVED

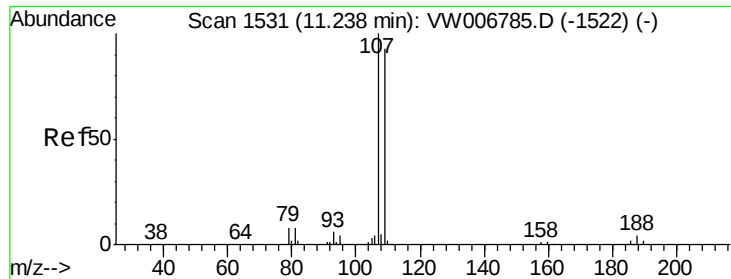
apatel
11/12/2018 3:41:27 PM



#60
Dibromochloromethane
Concen: 62.294 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	129	Resp	6416
Ion Ratio	100	Lower	Upper
129	100		
127	76.6	38.5	115.3





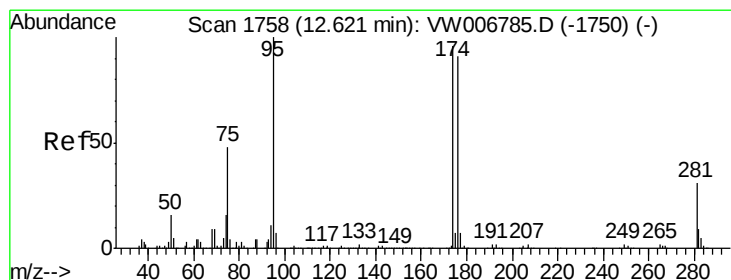
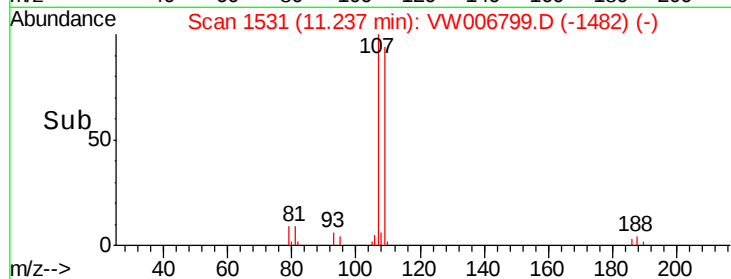
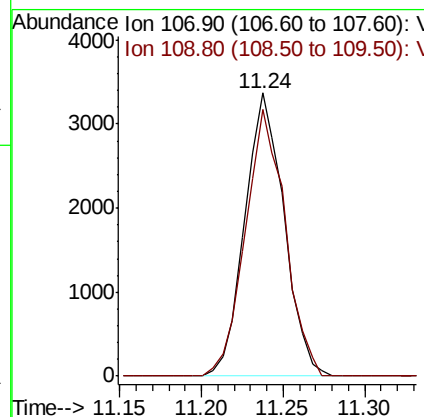
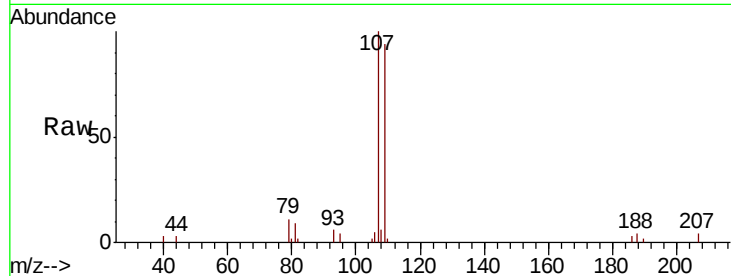
#61
 1,2-Dibromoethane
 Concen: 68.464 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	75.5	113.3

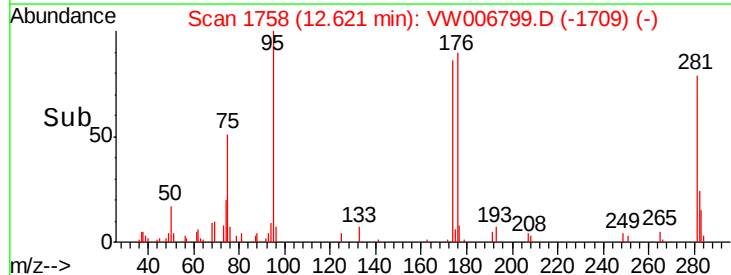
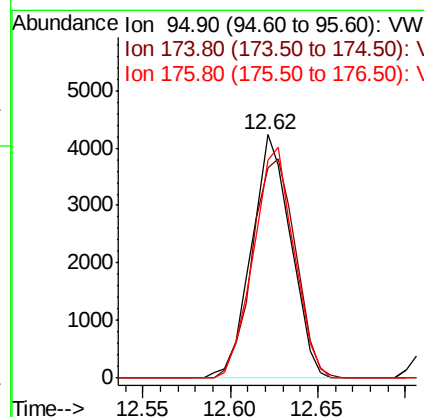
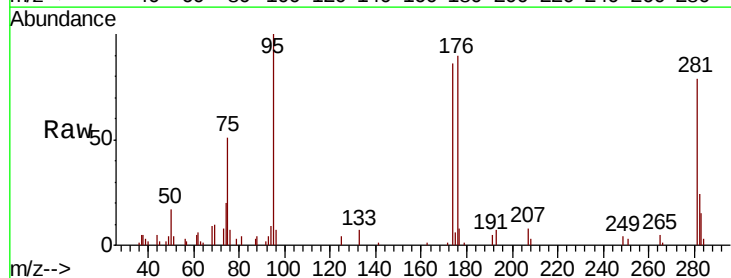
Manual Integrations
 APPROVED

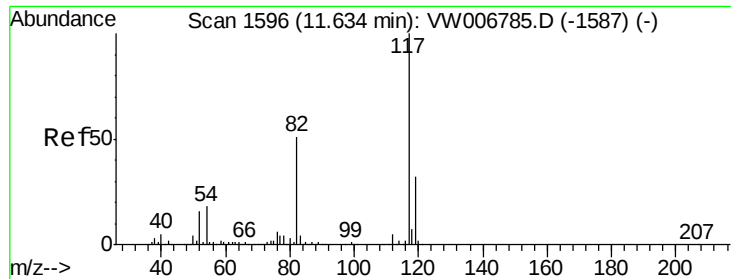
apatel
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#62
 4-Bromofluorobenzene
 Concen: 44.018 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	196.2
176	97.7	0.0	190.8





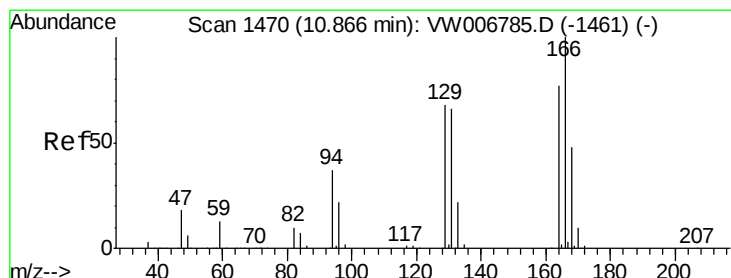
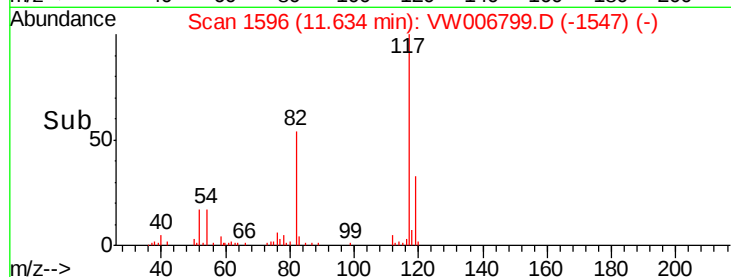
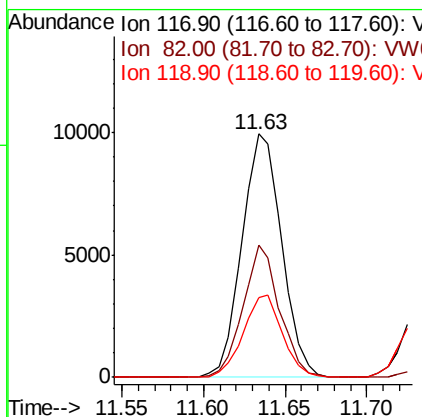
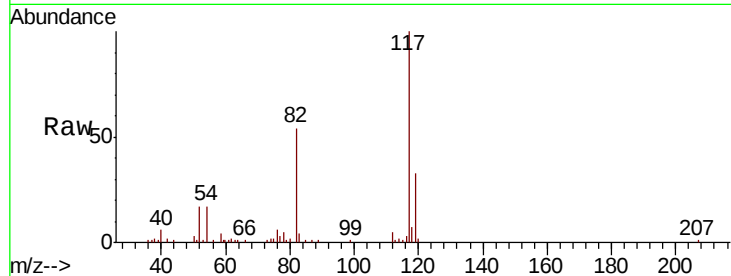
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	40.9	61.3
119	32.9	25.8	38.8

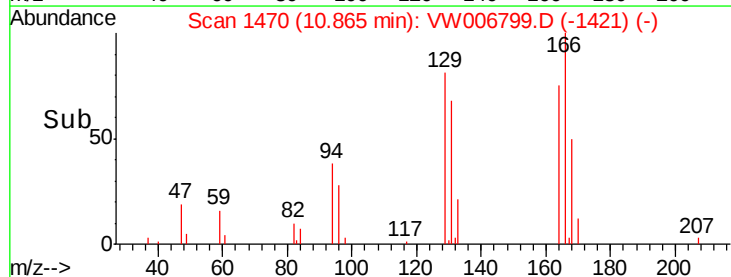
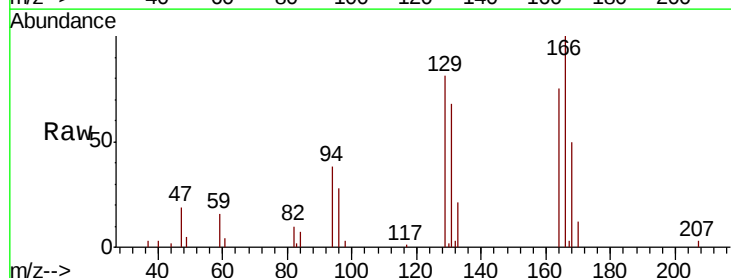
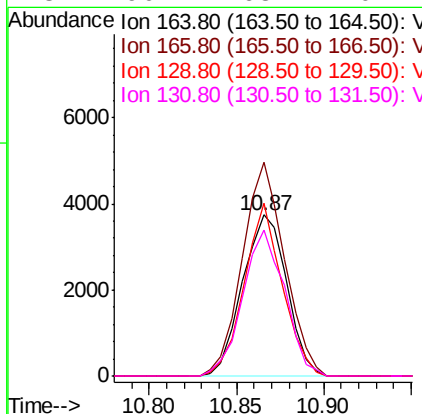
Manual Integrations
APPROVED

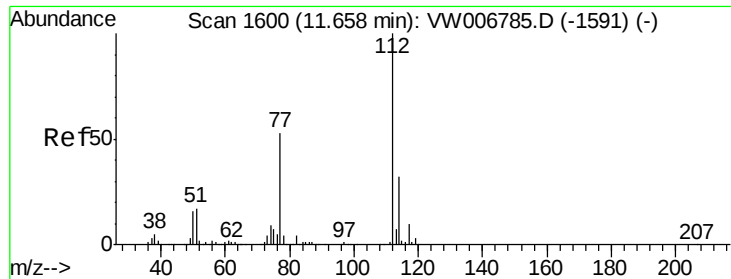
apatel
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#64
Tetrachloroethene
Concen: 50.904 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.7	103.7	155.5
129	107.8	70.4	105.6
131	90.7	68.2	102.2





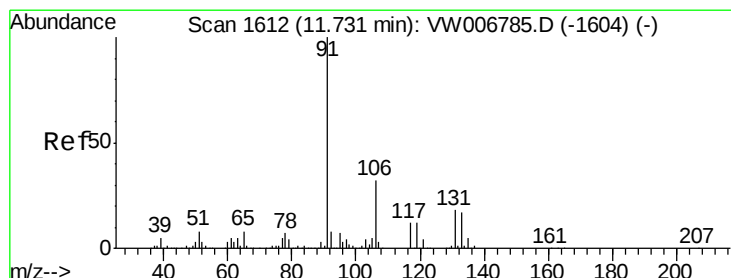
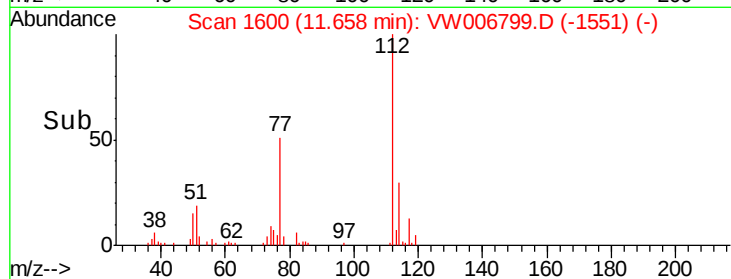
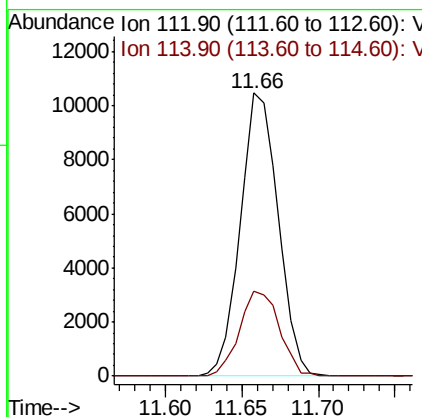
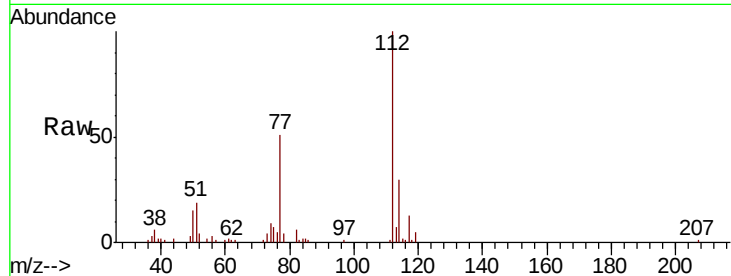
#65
Chlorobenzene
Concen: 50.294 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.9	25.9	38.9

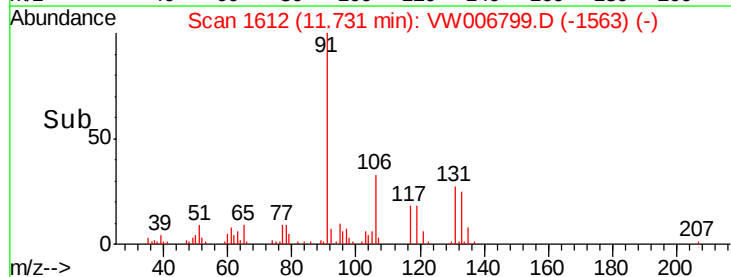
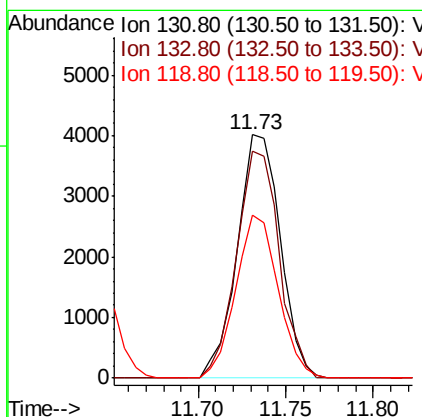
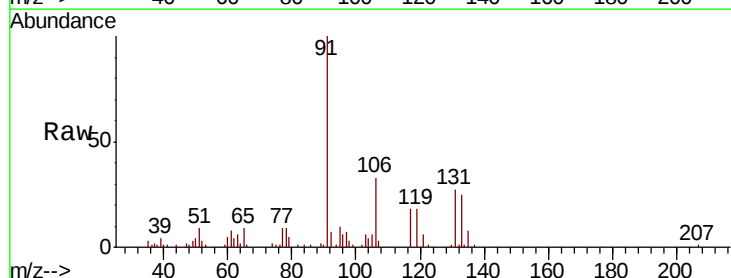
Manual Integrations
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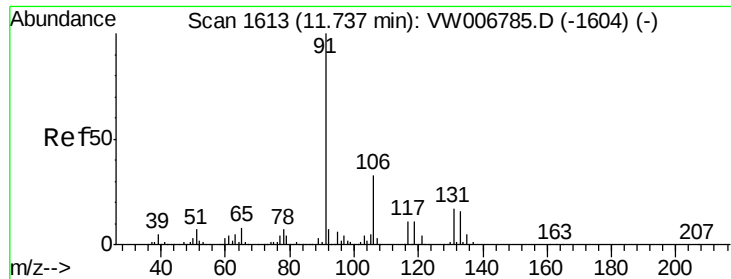
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 59.985 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.3	47.9	143.6
119	66.0	32.3	96.8





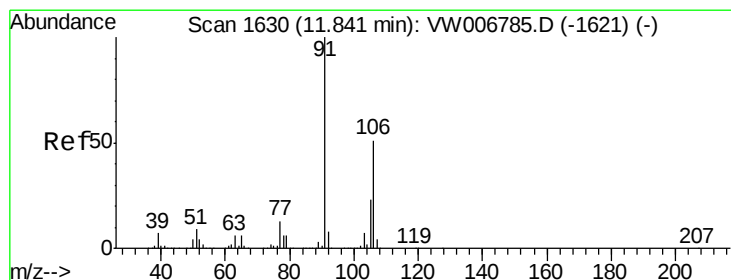
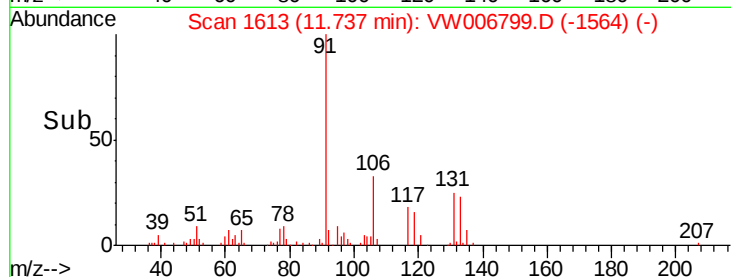
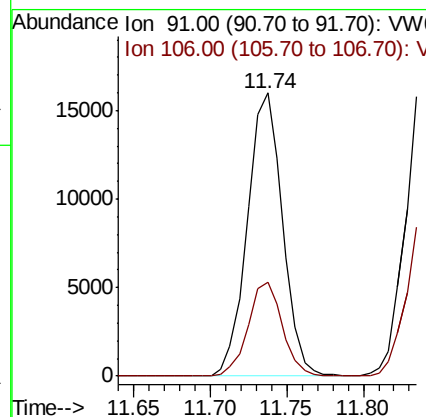
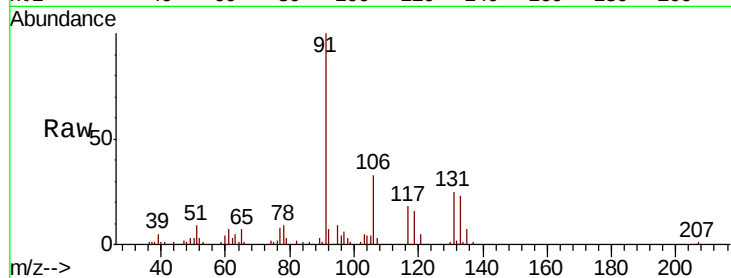
#67
Ethyl Benzene
Concen: 42.430 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion: 91 Resp: 25586
Ion Ratio Lower Upper
91 100
106 33.4 26.3 39.5

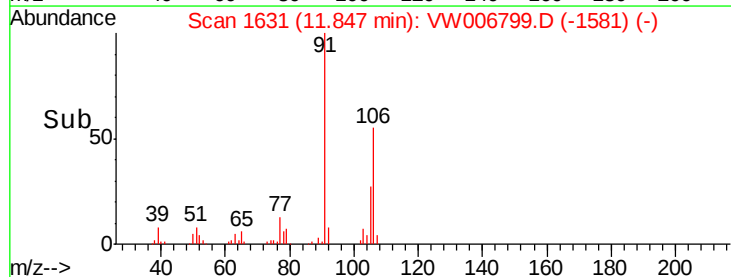
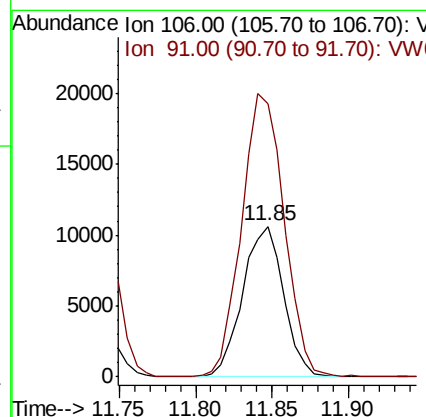
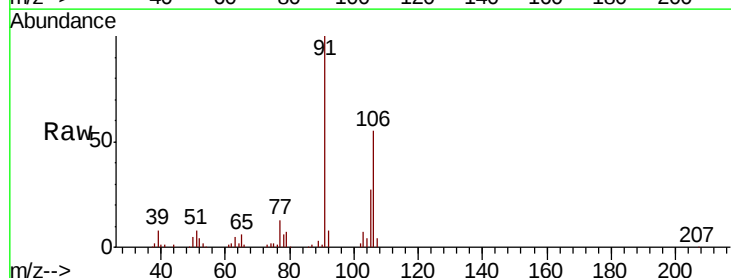
Manual Integrations
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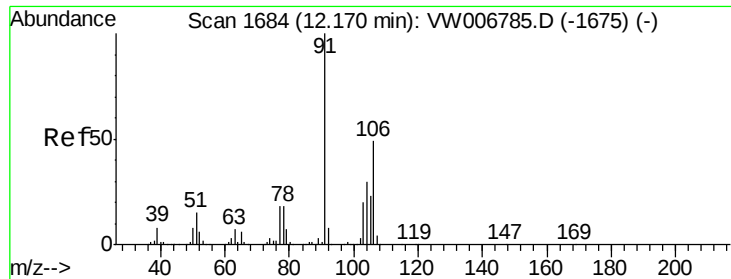
apatel
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#68
m/p-Xylenes
Concen: 79.988 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion: 106 Resp: 19674
Ion Ratio Lower Upper
106 100
91 196.7 155.3 232.9





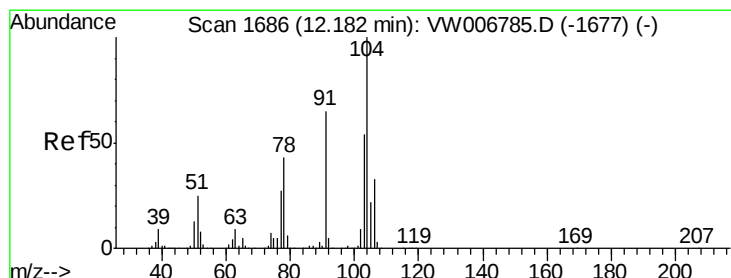
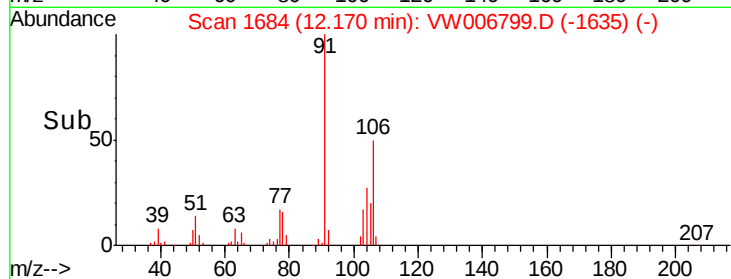
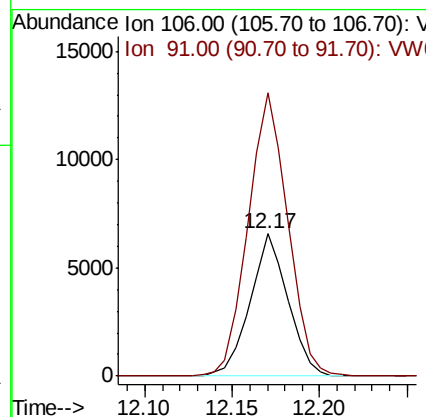
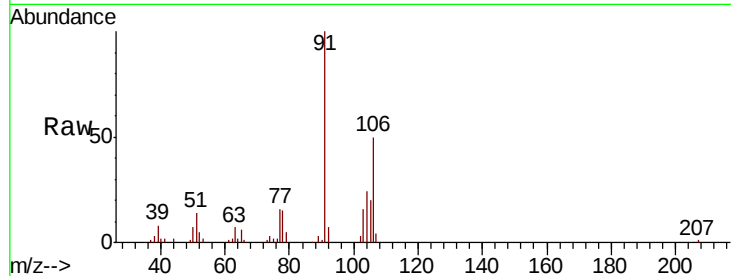
#69
o-Xylene
Concen: 43.588 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion:106 Resp: 9870
Ion Ratio Lower Upper
106 100
91 208.2 103.0 308.9

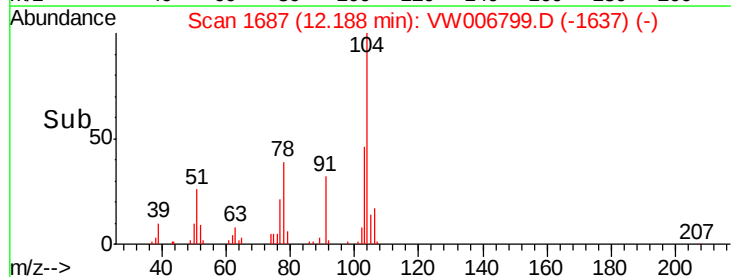
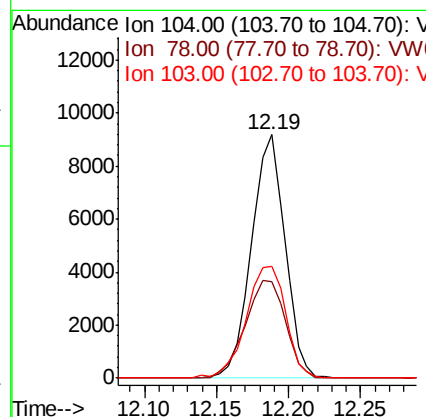
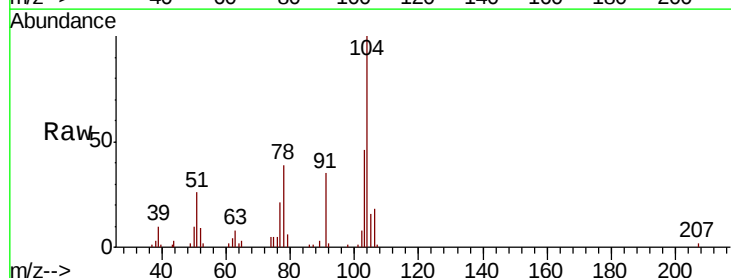
Manual Integrations
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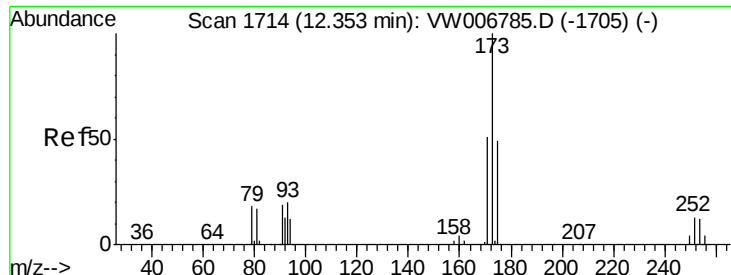
apatel
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#70
Styrene
Concen: 40.165 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion:104 Resp: 14783
Ion Ratio Lower Upper
104 100
78 48.2 37.1 55.7
103 54.4 44.4 66.6





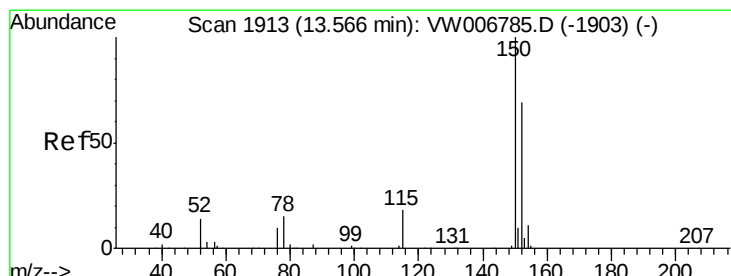
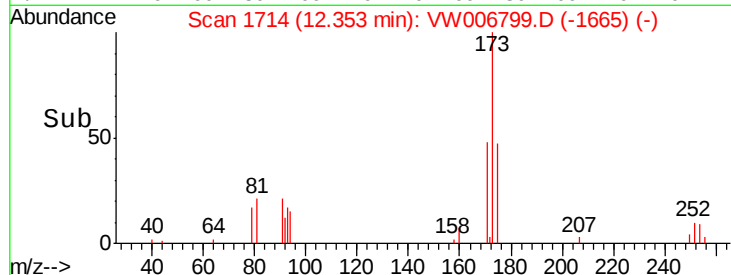
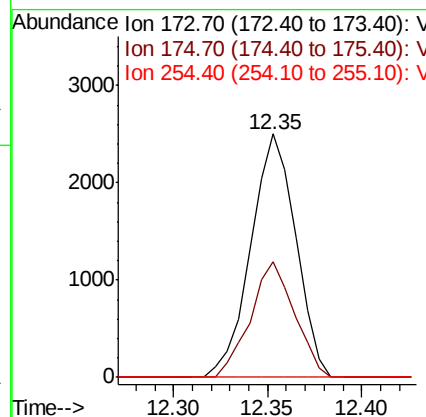
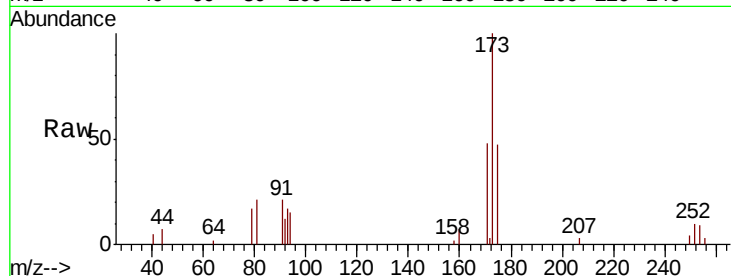
#71
Bromoform
Concen: 64.945 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.3	24.3	72.8
254	0.0	0.1	0.1#

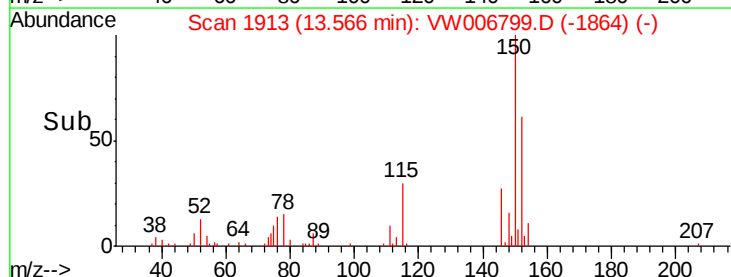
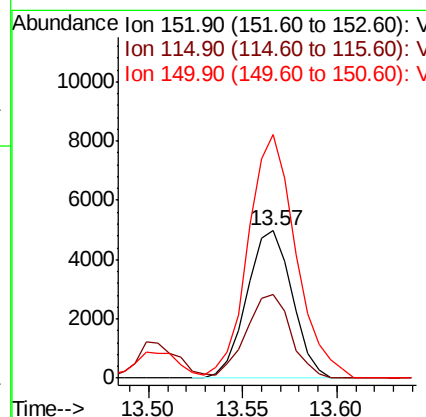
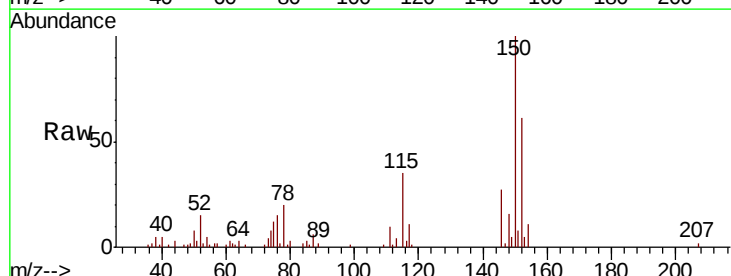
Manual Integrations
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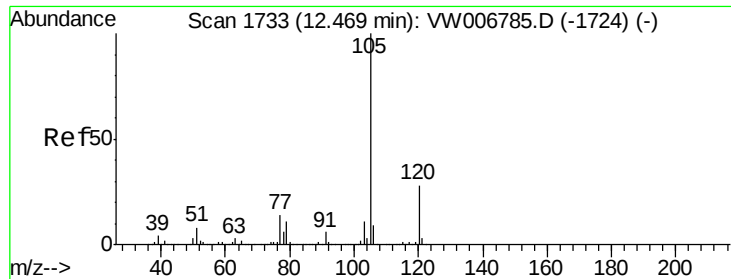
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	26.7	80.0
150	174.3	0.0	348.0





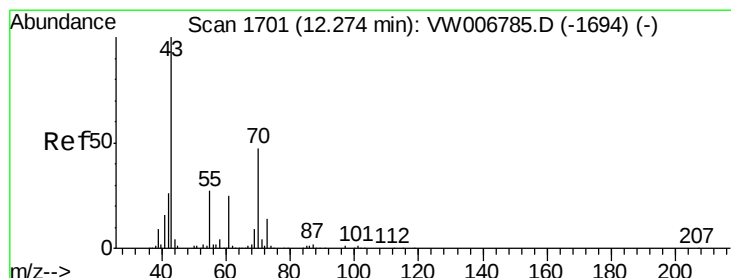
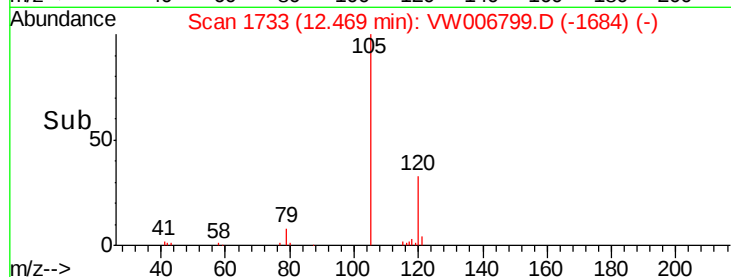
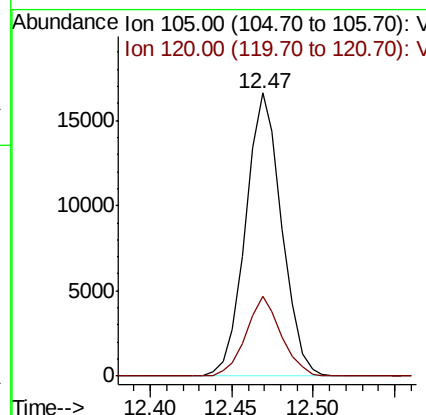
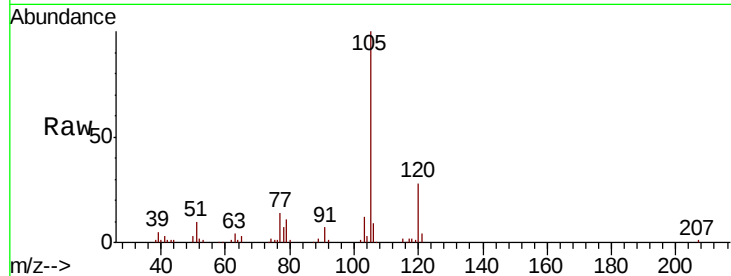
#73
Isopropylbenzene
Concen: 47.944 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.9	41.6

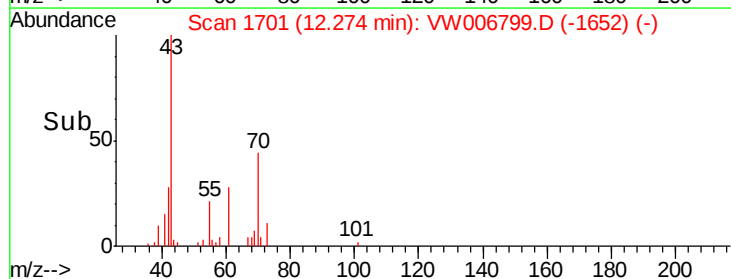
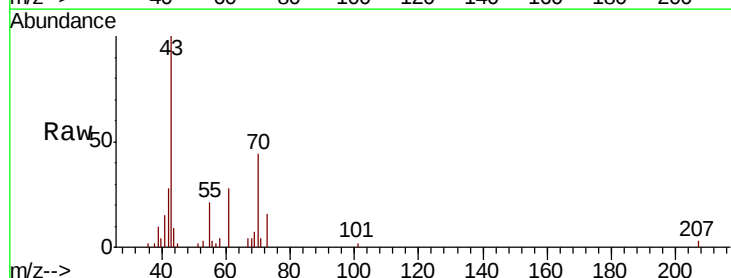
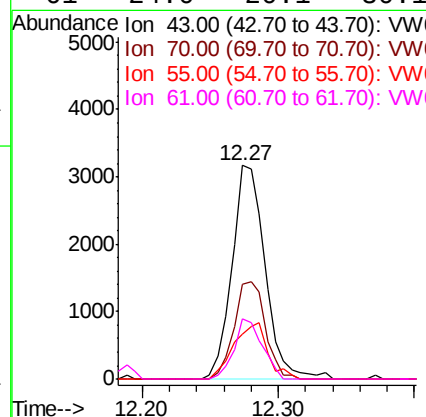
Manual Integrations
APPROVED

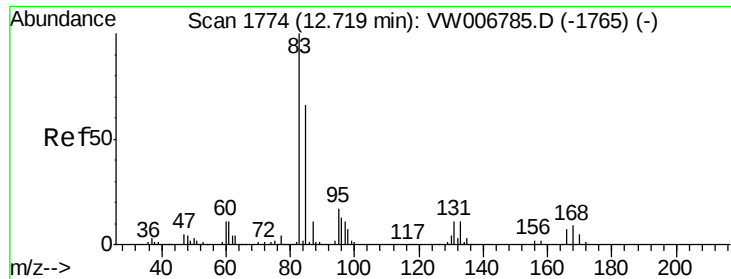
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11/12/2018 3:41:27 PM



#74
N-ethyl acetate
Concen: 61.837 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.9	38.3	57.5
55	27.1	22.3	33.5
61	24.0	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 85.441 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

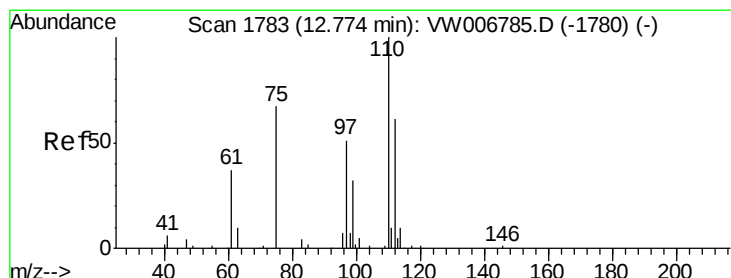
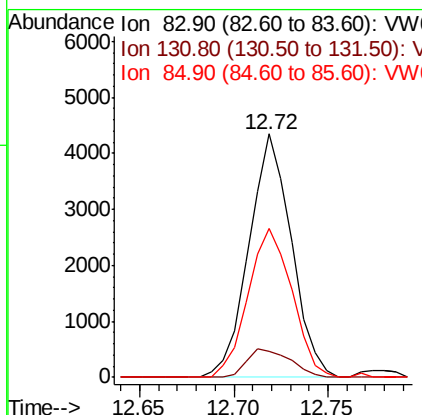
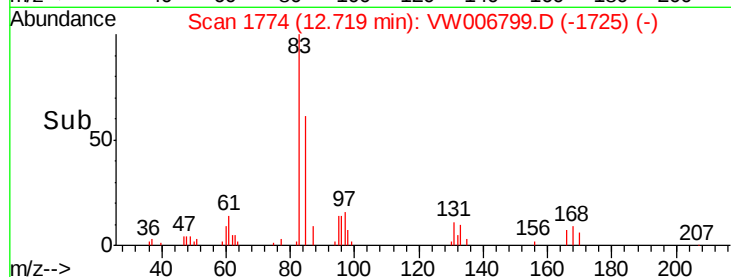
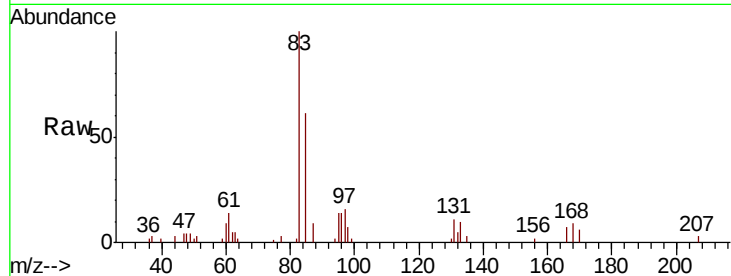
ClientSampleId :

EP2-SB-104(15-17)

Tot Ion:	83	Resp:	6778
Ion Ratio	Lower	Upper	
83	100		
131	12.0	6.0	18.0
85	63.3	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 72.606 ug/l m

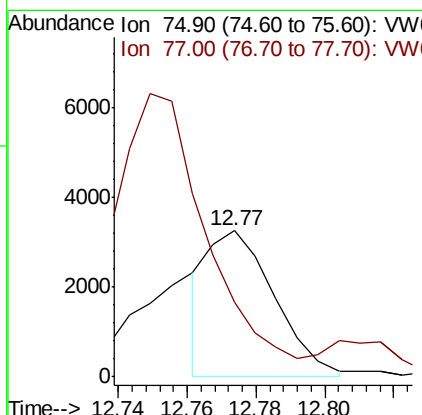
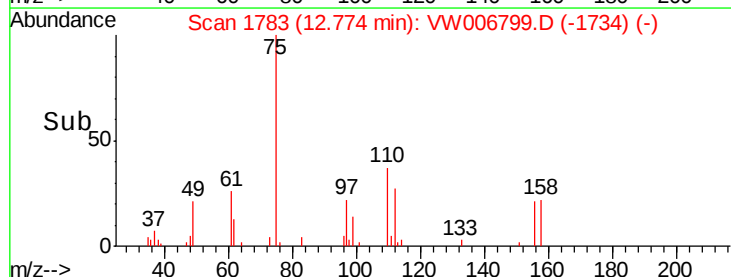
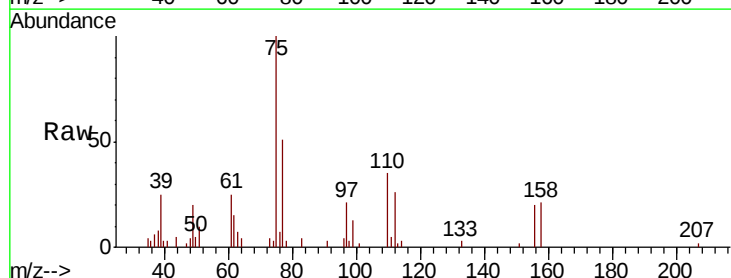
RT: 12.77 min Scan# 1783

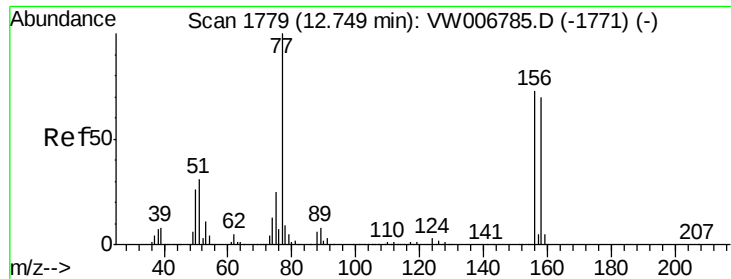
Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Tgt Ion:	75	Resp:	4382
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 57.872 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

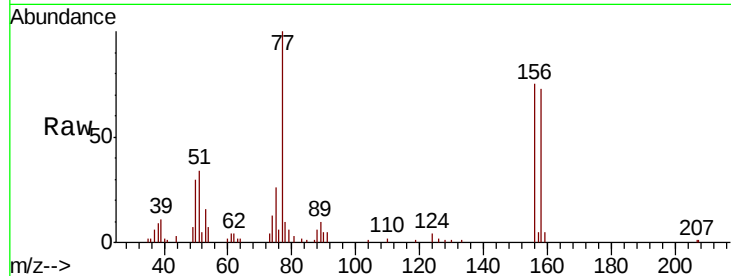
ClientSampleId :

EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.5	75.4	226.3
158	97.2	48.7	146.1

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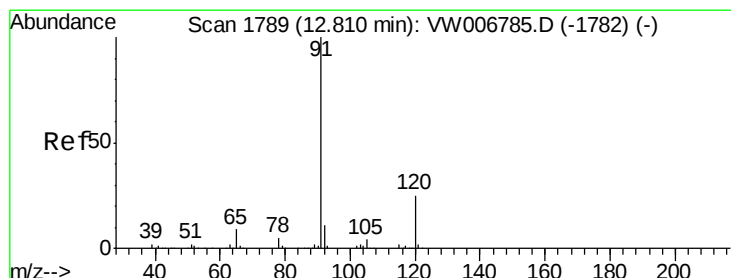
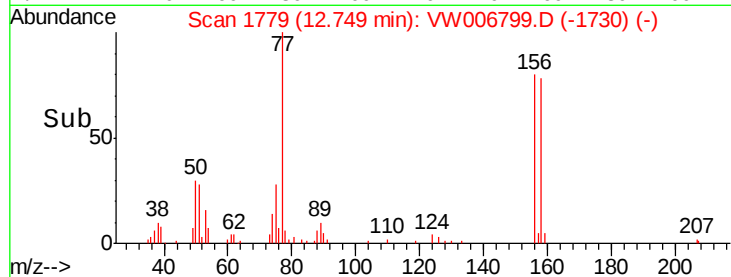
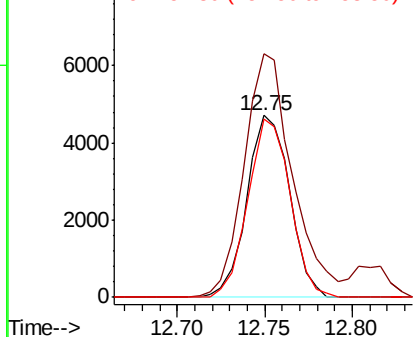


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.535 ug/l

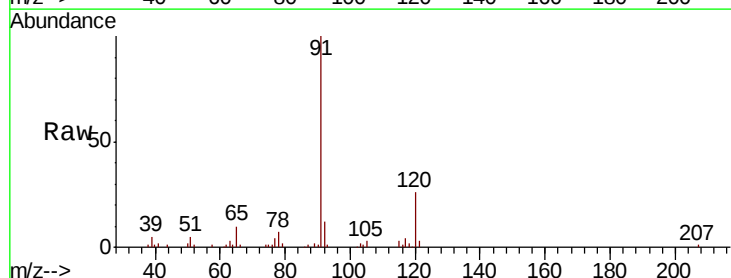
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

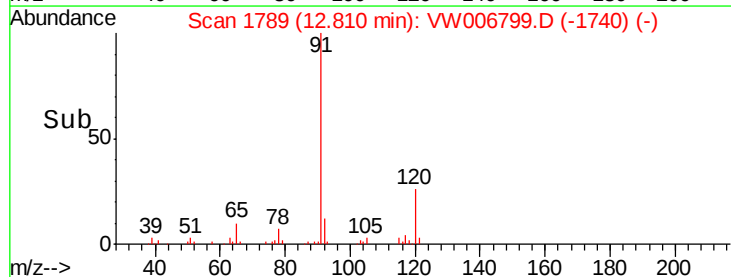
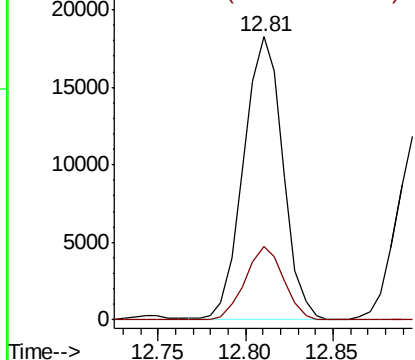
Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.4	37.0

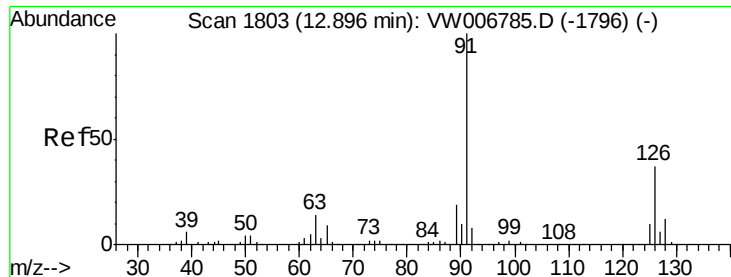


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.449 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)

Tot Ion: 91 Resp: 17981

Ion Ratio Lower Upper

91 100

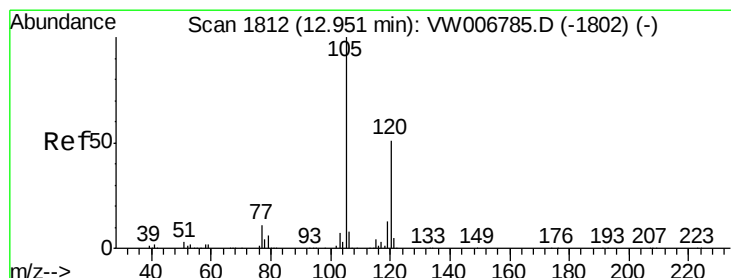
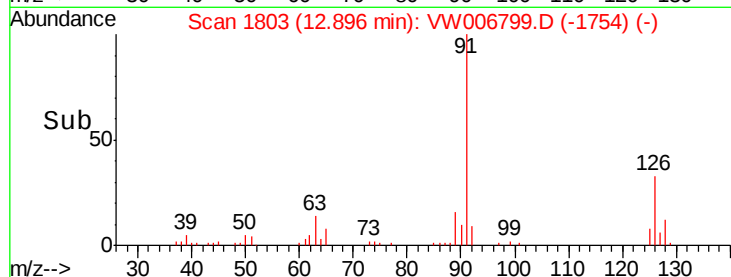
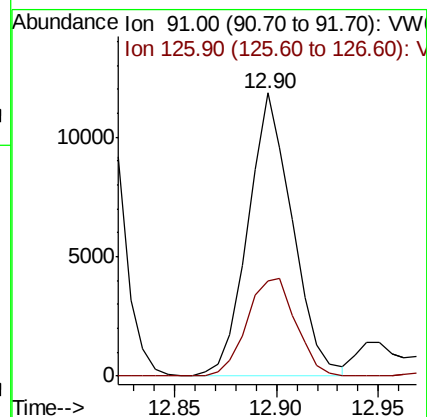
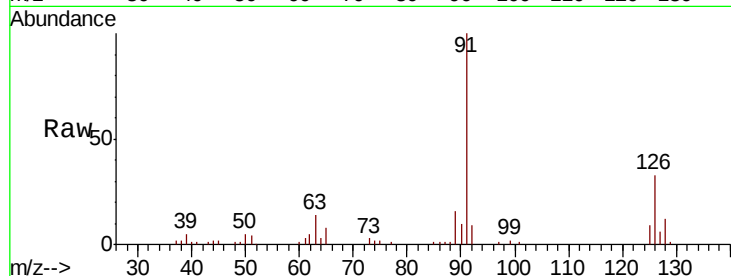
126 37.6 18.4 55.2

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#80

1,3,5-Trimethylbenzene

Concen: 43.783 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006799.D

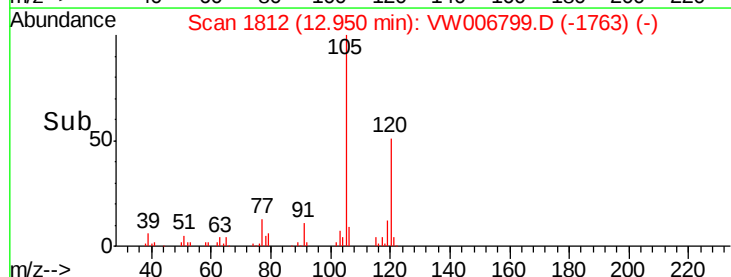
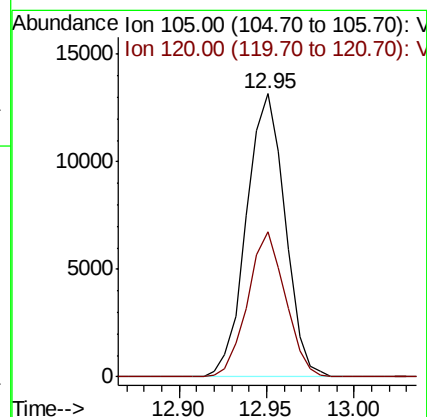
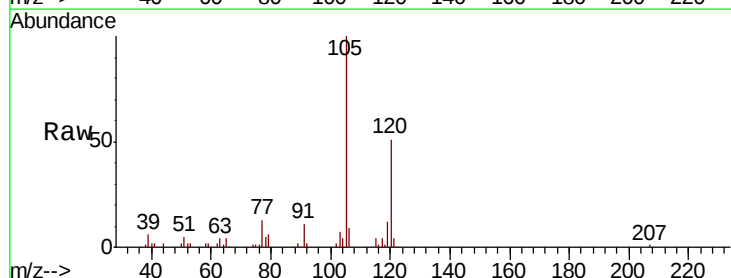
Acq: 09 Nov 2018 21:06

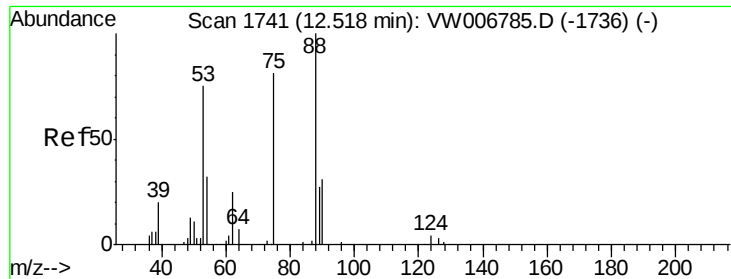
Tgt Ion:105 Resp: 20200

Ion Ratio Lower Upper

105 100

120 49.8 25.4 76.0





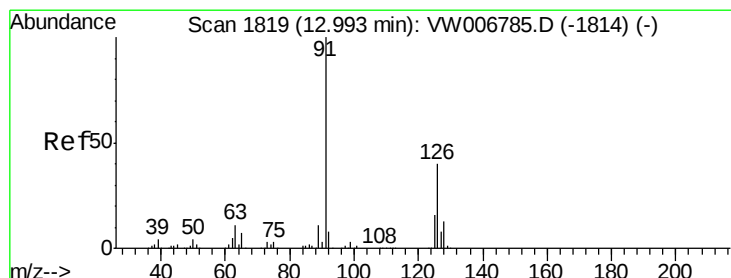
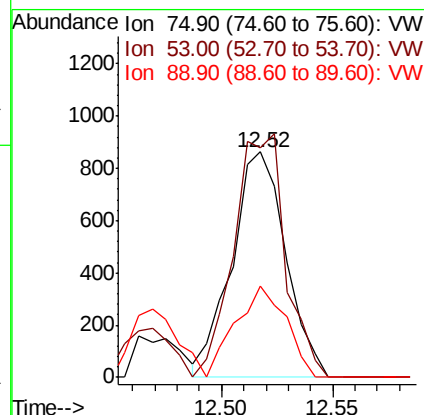
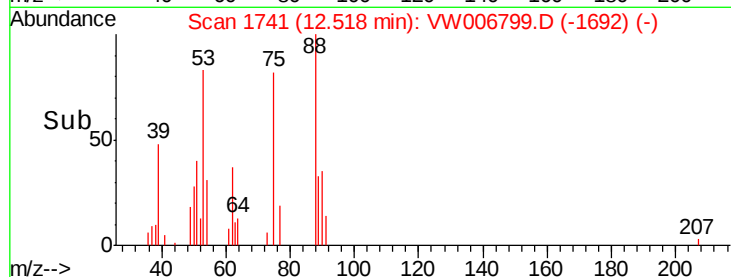
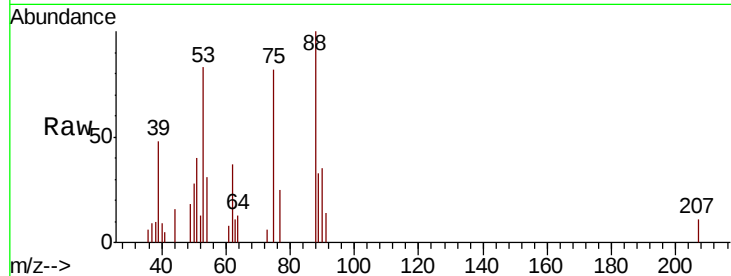
#81
trans-1,4-Dichloro-2-butene
Concen: 64.319 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.7	74.0	111.0
89	37.8	38.1	57.1#

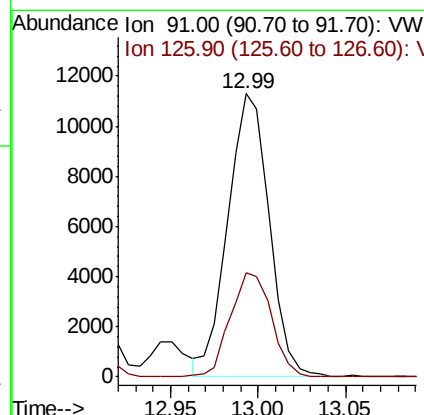
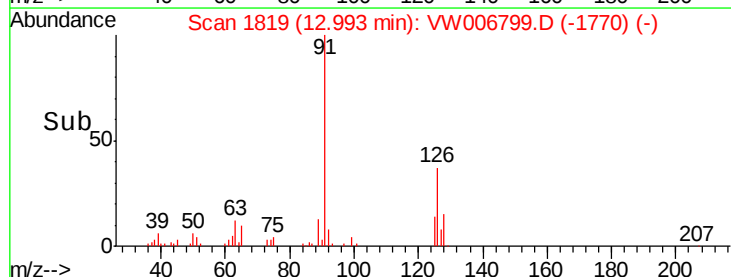
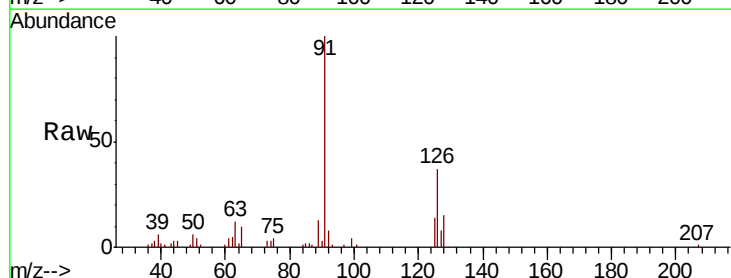
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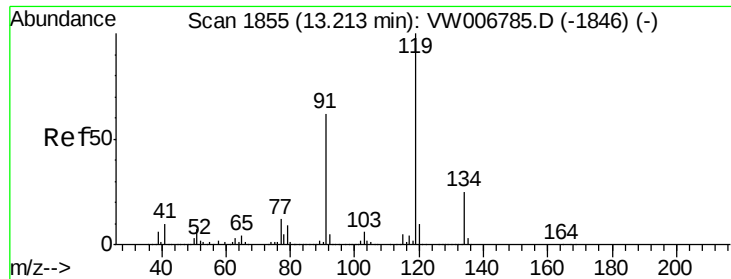
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#82
4-Chlorotoluene
Concen: 48.615 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.6	55.6





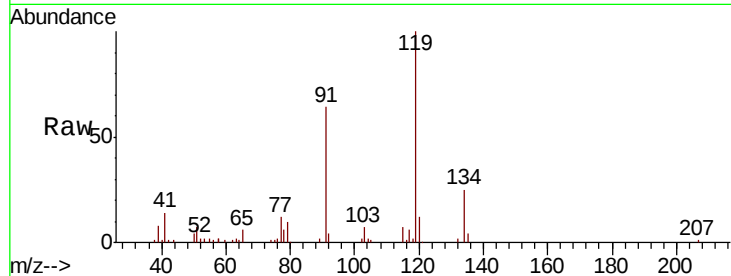
#83
tert-Butylbenzene
Concen: 47.123 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Resp	Lower	Upper
119	100	18786		
91	62.5	30.4	91.2	
134	27.5	13.6	40.7	

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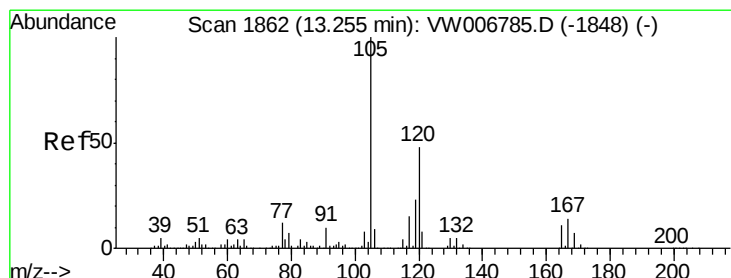
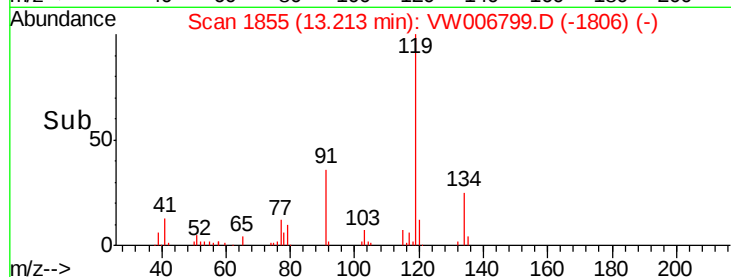
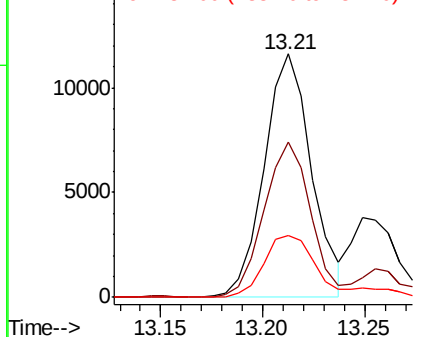


Abundance

Ion 119.00 (118.70 to 119.70): V

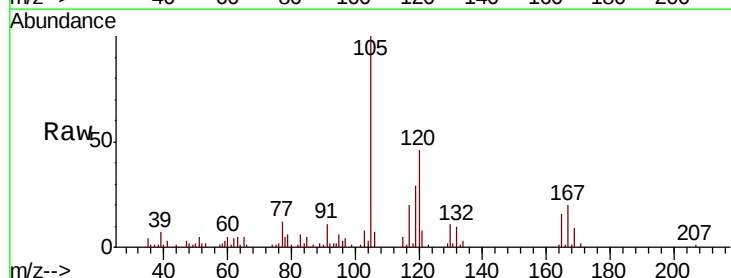
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 42.431 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

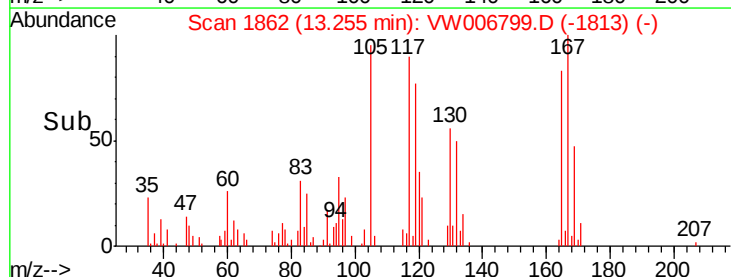
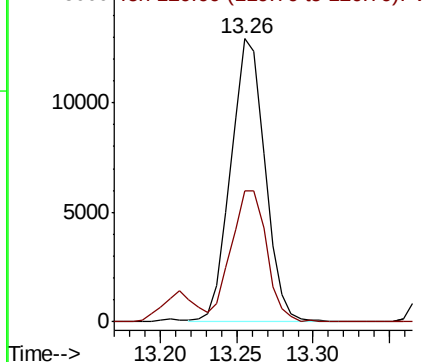
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	20057		
120	48.0	23.4	70.0	

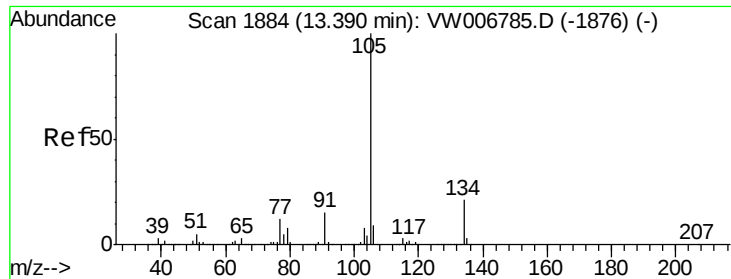


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





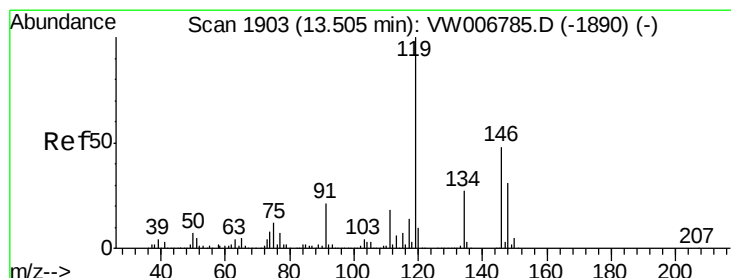
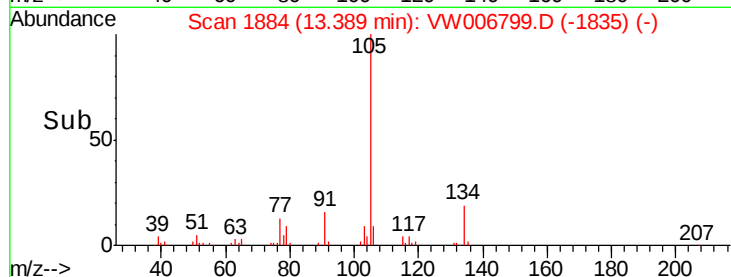
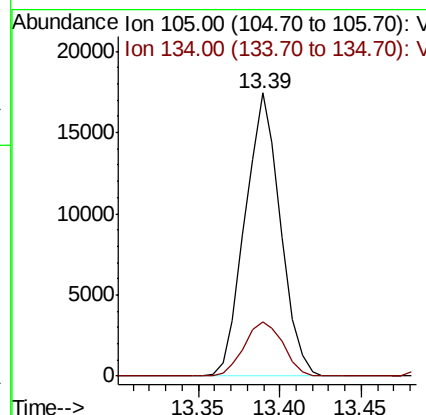
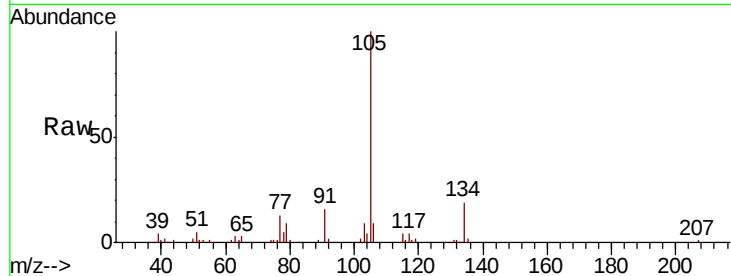
#85
 sec-Butylbenzene
 Concen: 46.144 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.7	32.1

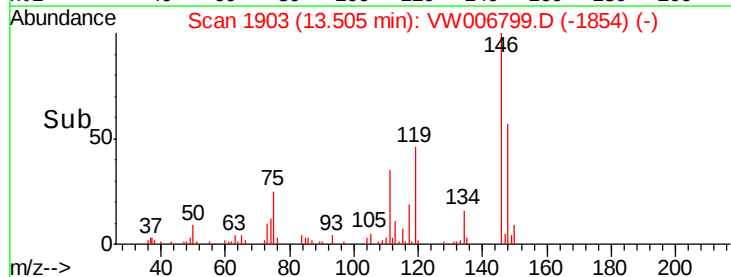
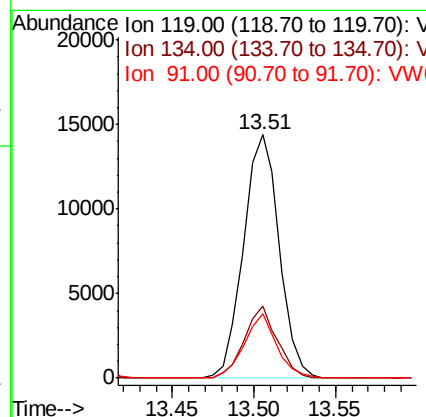
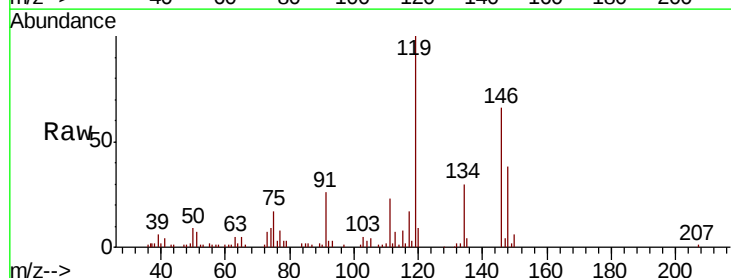
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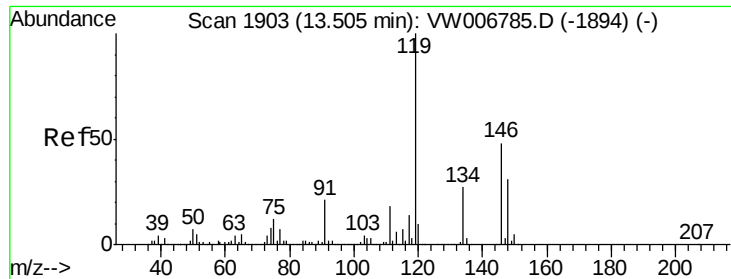
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#86
 p-Isopropyltoluene
 Concen: 42.161 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.7
91	24.1	10.8	32.4





#87

1,3-Dichlorobenzene

Concen: 53.032 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Instrument :

MSVOA_W

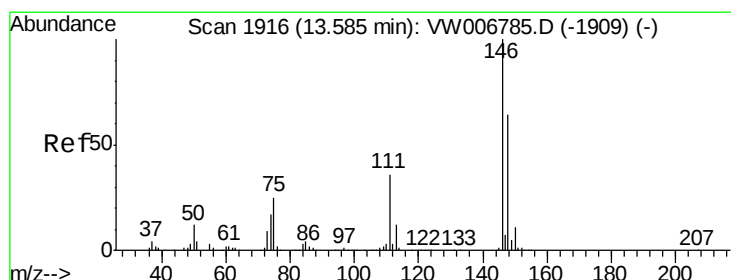
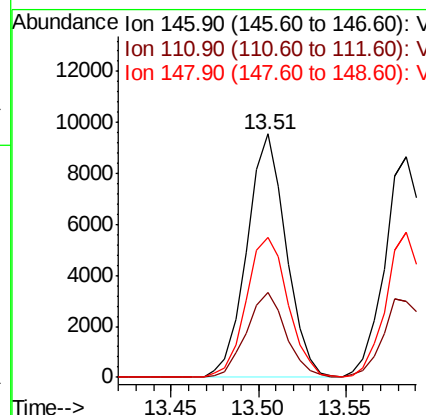
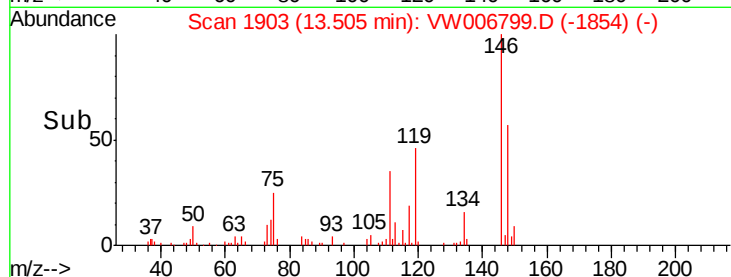
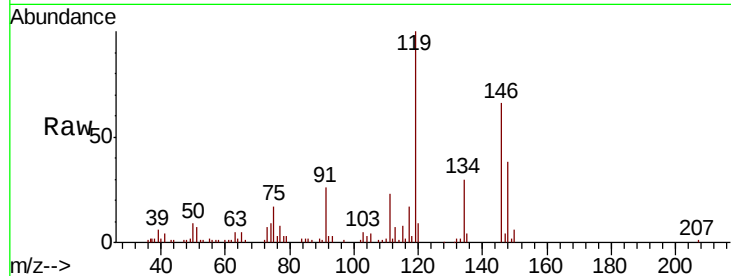
ClientSampleId :

EP2-SB-104(15-17)

Tot Ion:	146	Resp:	14834
Ion	Ratio	Lower	Upper
146	100		
111	34.9	18.4	55.0
148	61.6	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 48.949 ug/l

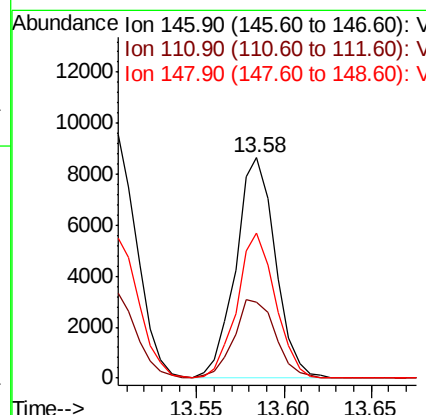
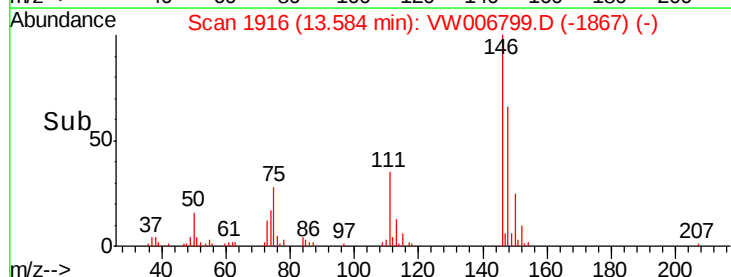
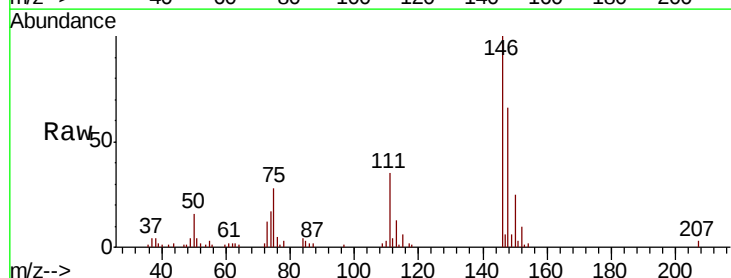
RT: 13.58 min Scan# 1916

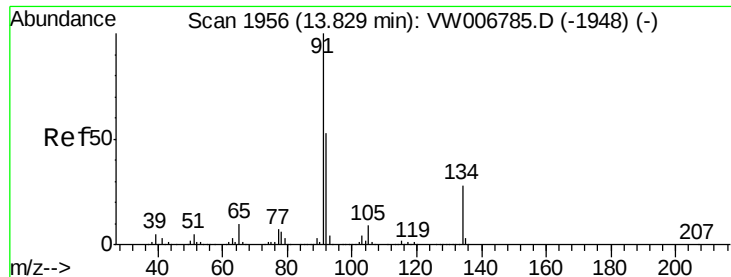
Delta R.T. -0.00 min

Lab File: VW006799.D

Acq: 09 Nov 2018 21:06

Tgt Ion:	146	Resp:	13637
Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	63.5	32.2	96.6





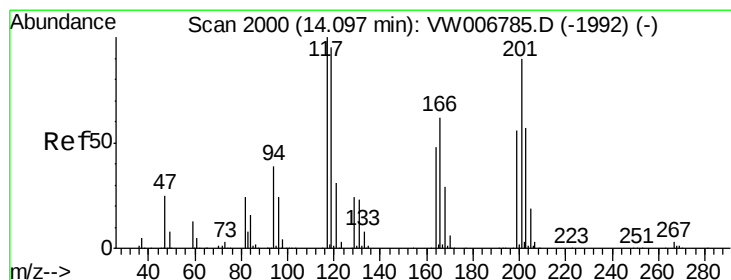
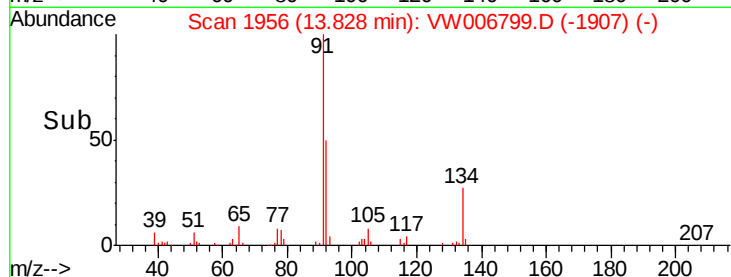
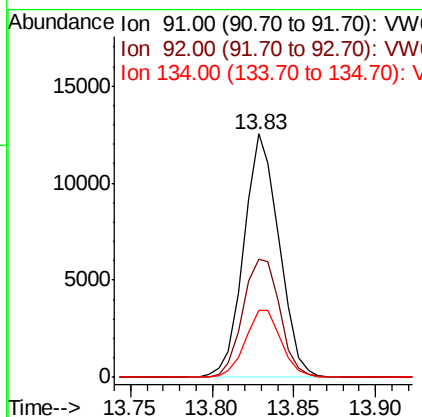
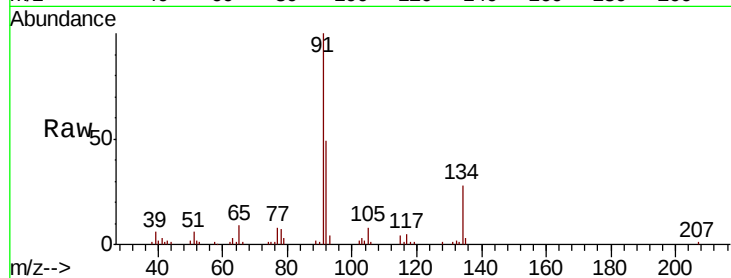
#89
n-Butylbenzene
Concen: 39.254 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.1	78.2
134	28.0	14.2	42.8

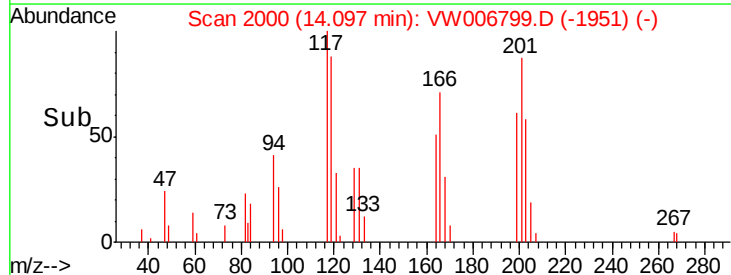
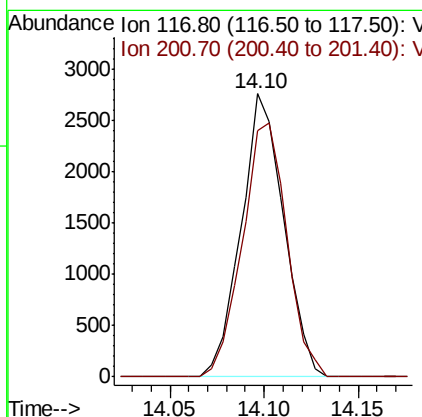
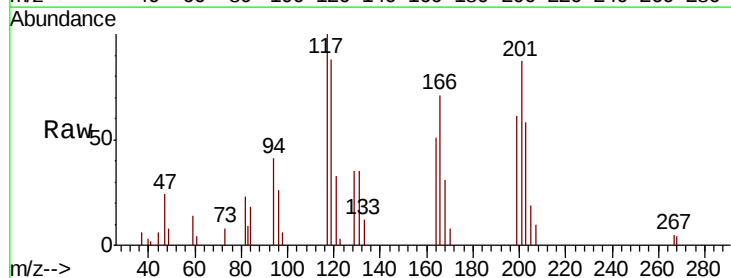
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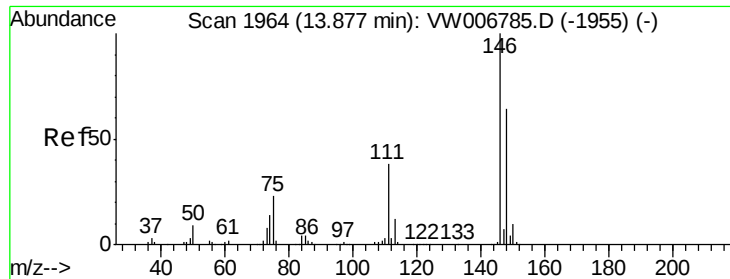
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#90
Hexachloroethane
Concen: 52.898 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.6	47.0	141.2





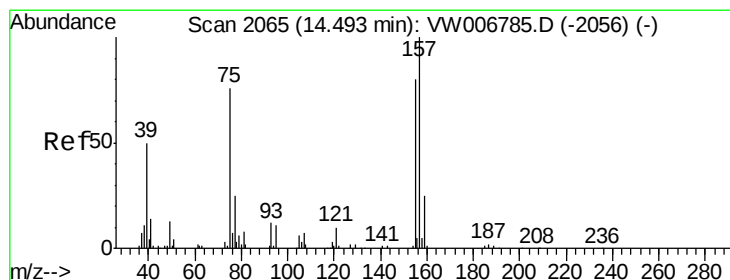
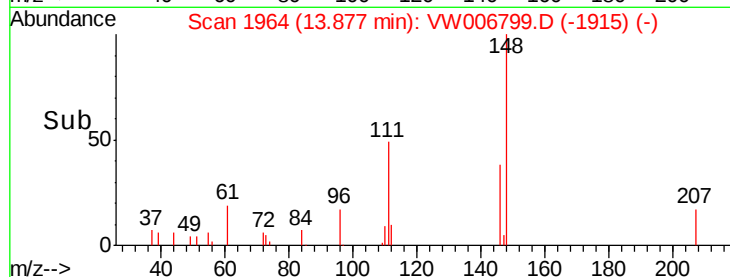
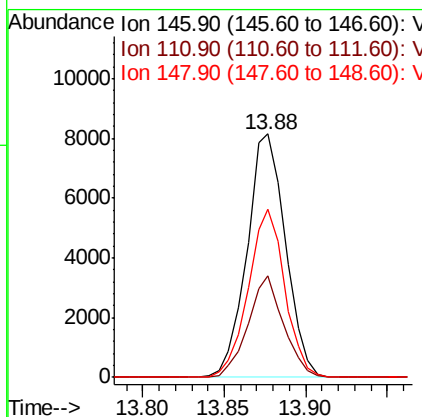
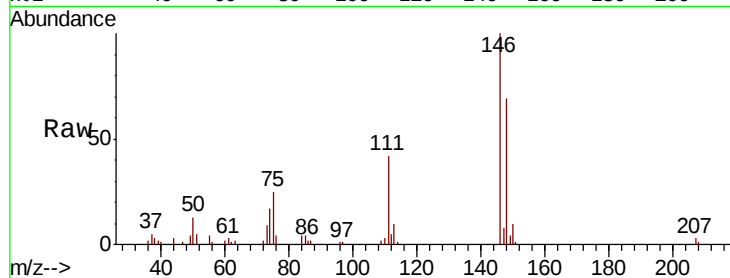
#91
 1,2-Dichlorobenzene
 Concen: 54.805 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.3
148	65.3	32.0	96.2

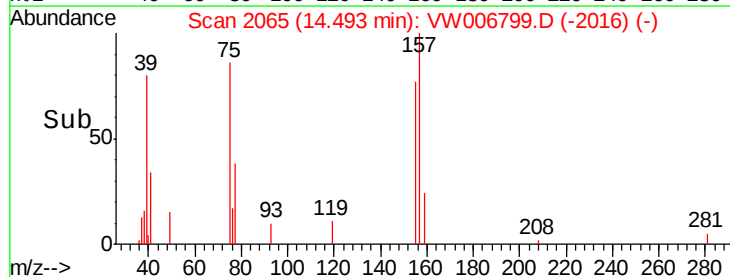
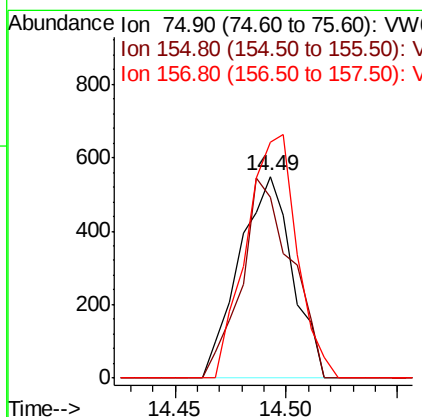
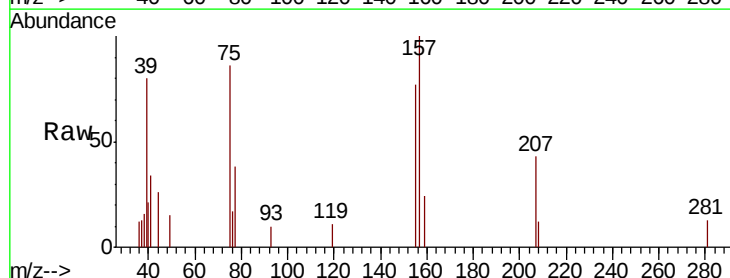
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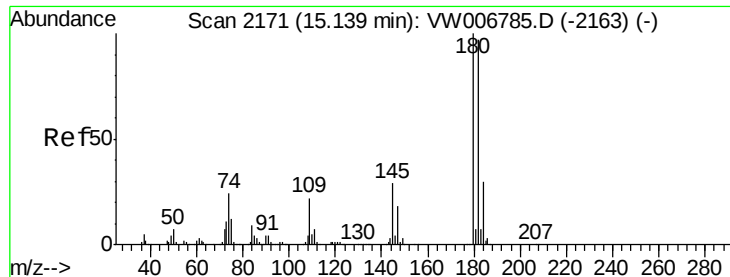
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 71.118 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	51.0	153.1
157	114.8	65.5	196.5





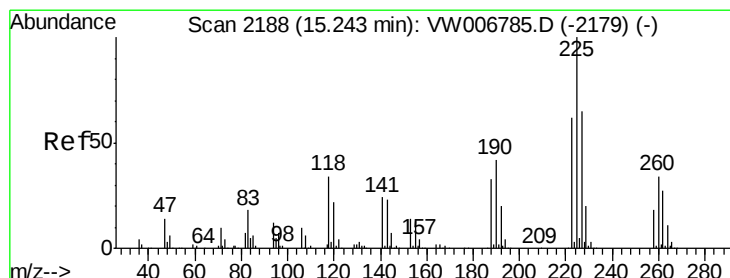
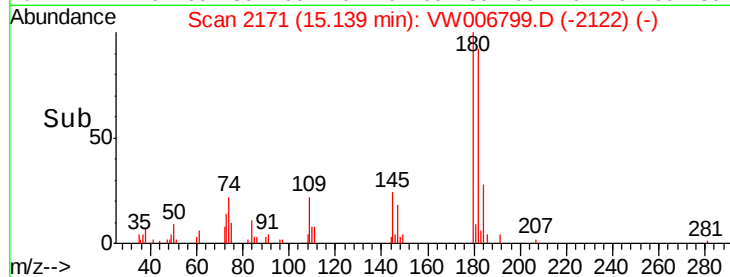
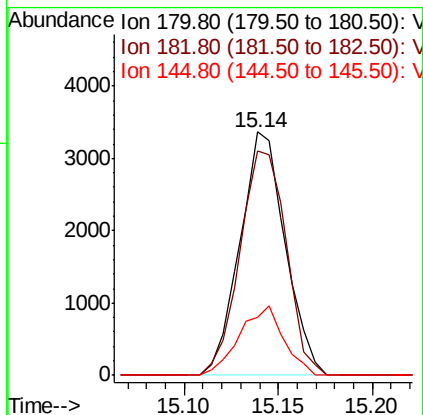
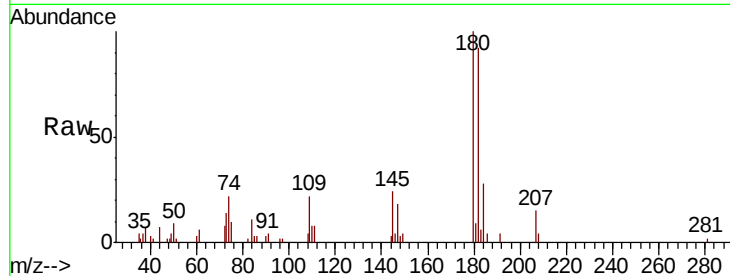
#93
 1,2,4-Trichlorobenzene
 Concen: 30.986 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.8
145	27.7	14.1	42.3

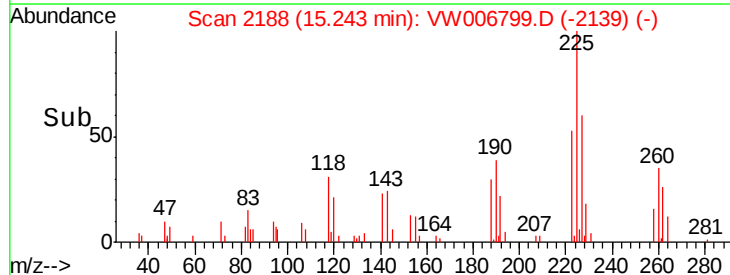
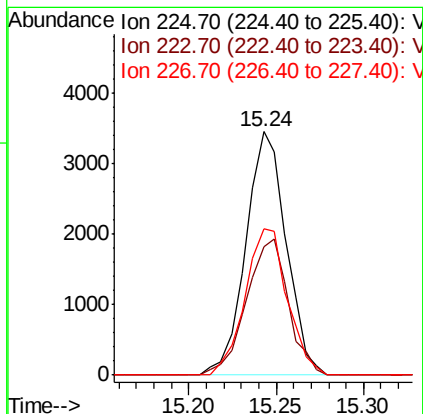
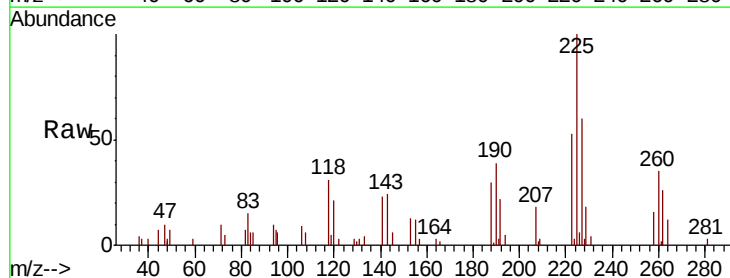
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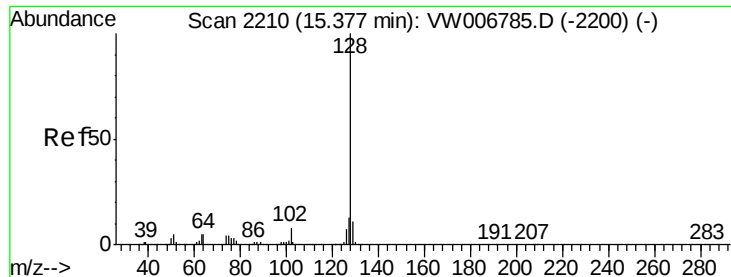
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#94
 Hexachlorobutadiene
 Concen: 48.604 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006799.D
 Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.1	30.9	92.5
227	62.8	31.9	95.7





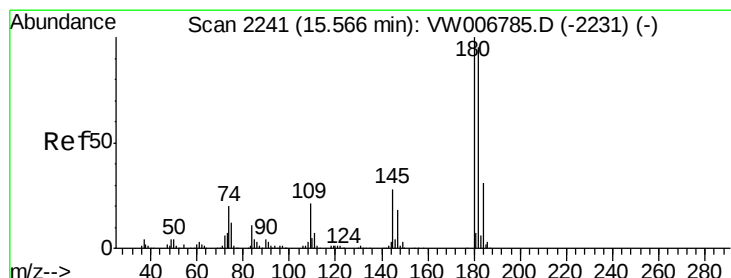
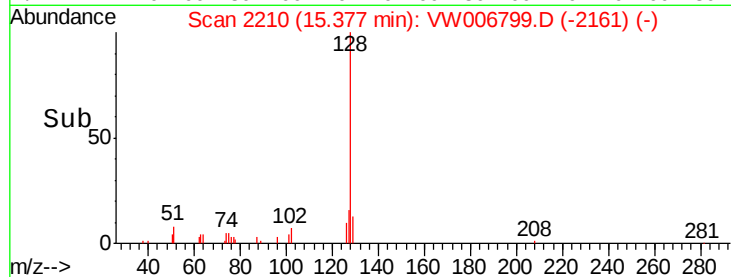
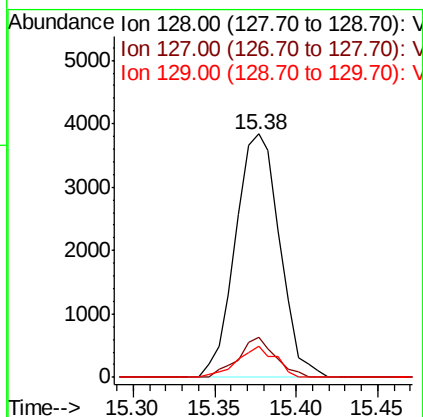
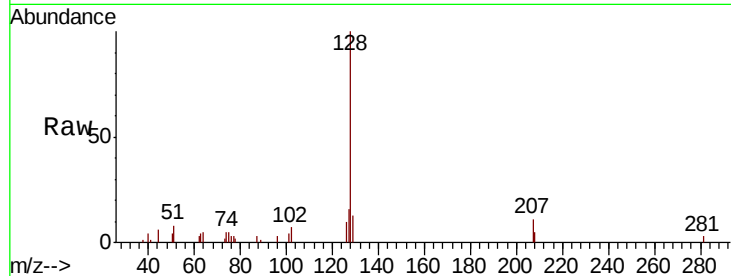
#95
Naphthalene
Concen: 26.164 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 31.525 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW006799.D
Acq: 09 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.8	143.4
145	30.4	14.5	43.6

