

Data File : VW005545.D
Acq On : 20 Sep 2018 22:19
Operator : SY/AP
Sample : VSTDIC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Manual Integrations
APPROVED

apatel
10/2/2018 12:28:26 PM

Quant Time: Sep 21 05:52:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 04:37:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	363224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180540	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	197716	76.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.56%	
35) Dibromofluoromethane	7.88	113	165059	78.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	157.06%	
50) Toluene-d8	10.33	98	680446	72.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.10%	
62) 4-Bromofluorobenzene	12.62	95	254015	74.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	101551	45.683	ug/l	93
3) Chloromethane	2.21	50	126999	46.953	ug/l	97
4) Vinyl Chloride	2.37	62	155117	59.159	ug/l	98
5) Bromomethane	2.78	94	102781	53.382	ug/l	97
6) Chloroethane	2.93	64	98584	63.096	ug/l	100
7) Trichlorofluoromethane	3.26	101	128537	39.125	ug/l	98
8) Diethyl Ether	3.68	74	78697	72.991	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	154433	73.139	ug/l	100
10) Methyl Iodide	4.26	142	240163	102.951	ug/l	99
11) Tert butyl alcohol	5.22	59	48364	271.775	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	147678	76.490	ug/l	99
13) Acrolein	3.89	56	32272	276.074	ug/l	98
14) Allyl chloride	4.67	41	267715	75.200	ug/l	99
15) Acrylonitrile	5.38	53	172543	352.939	ug/l	99
16) Acetone	4.14	43	147613	350.323	ug/l	98
17) Carbon Disulfide	4.37	76	459650	69.044	ug/l	100
18) Methyl Acetate	4.67	43	89543	72.969	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	237978	49.408	ug/l	99
20) Methylene Chloride	4.92	84	166074	55.177	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	165345	72.264	ug/l	100
22) Diisopropyl ether	6.31	45	533795	76.688	ug/l	99
23) Vinyl Acetate	6.26	43	1528798	384.461	ug/l	100
24) 1,1-Dichloroethane	6.22	63	315101	74.038	ug/l	99
25) 2-Butanone	7.18	43	223093	363.203	ug/l	100
26) 2,2-Dichloropropane	7.17	77	209450	57.449	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	184628	74.153	ug/l	99
28) Bromochloromethane	7.51	49	118510	71.533	ug/l	99
29) Tetrahydrofuran	7.54	42	147093	374.663	ug/l	98
30) Chloroform	7.68	83	325281	73.631	ug/l	100
31) Cyclohexane	7.96	56	289057	71.133	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	287947	71.362	ug/l	99
36) 1,1-Dichloropropene	8.09	75	255981	73.259	ug/l	99
37) Ethyl Acetate	7.26	43	100281	70.022	ug/l	99
38) Carbon Tetrachloride	8.07	117	273523	74.635	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	314019	77.509	ug/l	99
40) Benzene	8.33	78	720454	71.575	ug/l	99
41) Methacrylonitrile	7.49	41	61085	71.207	ug/l	96
42) 1,2-Dichloroethane	8.40	62	227199	71.435	ug/l	99
43) Isopropyl Acetate	8.43	43	206402	74.295	ug/l	100
44) Trichloroethene	9.10	130	181378	69.990	ug/l	96
45) 1,2-Dichloropropane	9.37	63	176249	72.727	ug/l	100
46) Dibromomethane	9.46	93	86527	72.250	ug/l	98
47) Bromodichloromethane	9.65	83	240429	74.316	ug/l	100
48) Methyl methacrylate	9.44	41	102945	74.915	ug/l	97
49) 1,4-Dioxane	9.47	88	27820	1428.947	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	528470	371.920	ug/l	100
52) Toluene	10.39	92	450113	67.017	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	243587	75.193	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	273817	74.690	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	123585	69.876	ug/l	97
56) Ethyl methacrylate	10.65	69	163001	73.623	ug/l	99
57) 1,3-Dichloropropane	10.94	76	220512	72.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	380232	377.619	ug/l	99
59) 2-Hexanone	10.98	43	361376	374.770	ug/l	99
60) Dibromochloromethane	11.13	129	155214	73.048	ug/l	97
61) 1,2-Dibromoethane	11.24	107	116171	72.990	ug/l	100
64) Tetrachloroethene	10.87	164	160362	64.681	ug/l	98
65) Chlorobenzene	11.66	112	477677	66.377	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.74	131	178949	76.085	ug/l	98
67) Ethyl Benzene	11.74	91	894656	70.674	ug/l	95
68) m/p-Xylenes	11.85	106	690210	141.989	ug/l	100
69) o-Xylene	12.17	106	325092	71.839	ug/l	100
70) Styrene	12.19	104	545704	72.781	ug/l	99
71) Bromoform	12.35	173	94235	75.844	ug/l	100
73) Isopropylbenzene	12.47	105	929800	73.101	ug/l	100
74) N-amyl acetate	12.28	43	200205	74.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	142427	75.203	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	102403m	68.056	ug/l	
77) Bromobenzene	12.76	156	205955	68.707	ug/l	99
78) n-propylbenzene	12.81	91	1121957	73.118	ug/l	100
79) 2-Chlorotoluene	12.90	91	642802	71.267	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	804842	72.737	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	47460	80.420	ug/l	100
82) 4-Chlorotoluene	12.99	91	668174	70.120	ug/l	100
83) tert-Butylbenzene	13.21	119	683834	74.302	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	795736	70.766	ug/l	98
85) sec-Butylbenzene	13.39	105	970832	72.998	ug/l	99
86) p-Isopropyltoluene	13.51	119	887380	74.568	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	423435	69.560	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	416394	69.558	ug/l	99
89) n-Butylbenzene	13.83	91	829898	74.973	ug/l	100
90) Hexachloroethane	14.10	117	154009	74.925	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	371208	69.900	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26615	74.102	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092118\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	273467	76.580	ug/l	99
94) Hexachlorobutadiene	15.24	225	171658	73.984	ug/l	99
95) Naphthalene	15.38	128	470860	78.707	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	236737	75.670	ug/l	100

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

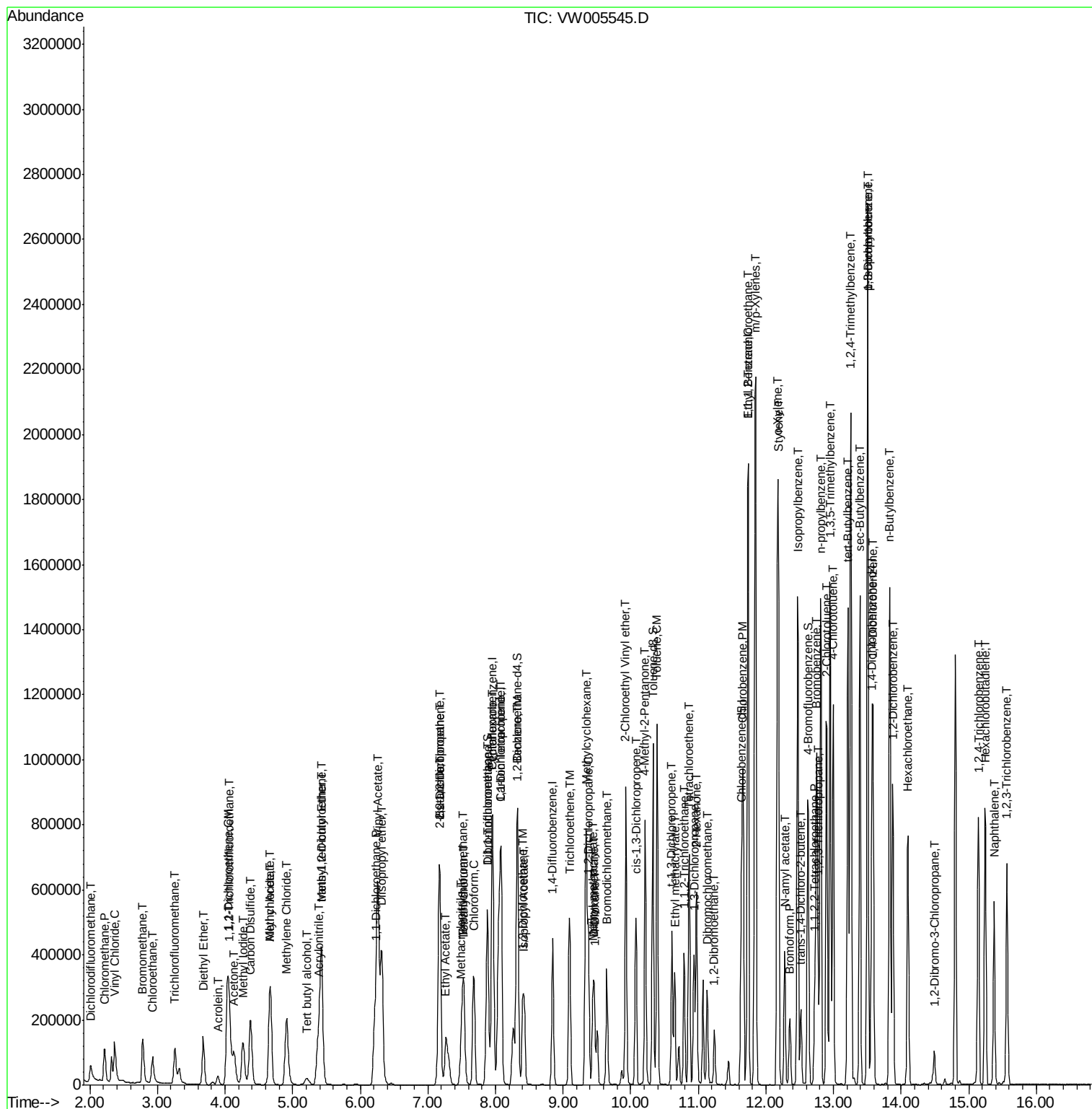
Data File : VW005545.D
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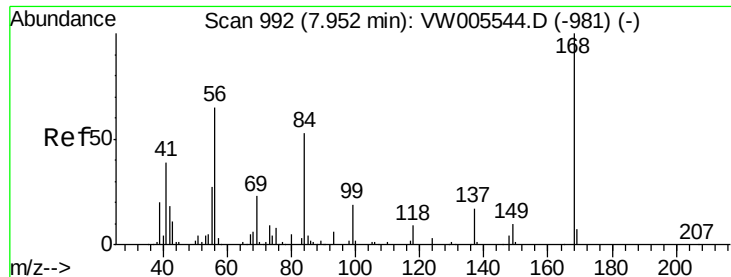
Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion:168 Resp: 241436

Ion Ratio Lower Upper

168 100

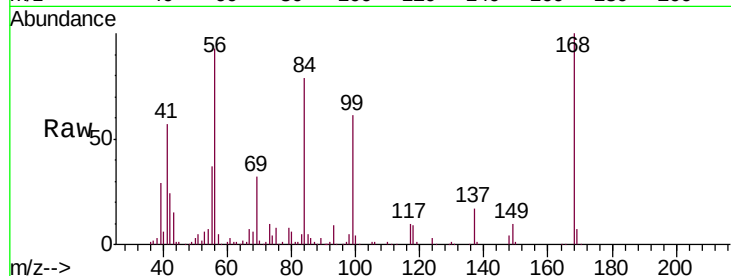
99 60.9 48.4 72.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

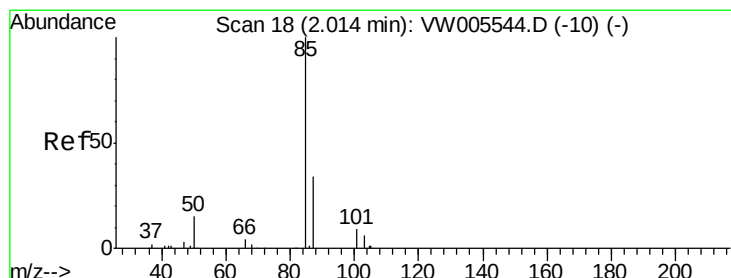
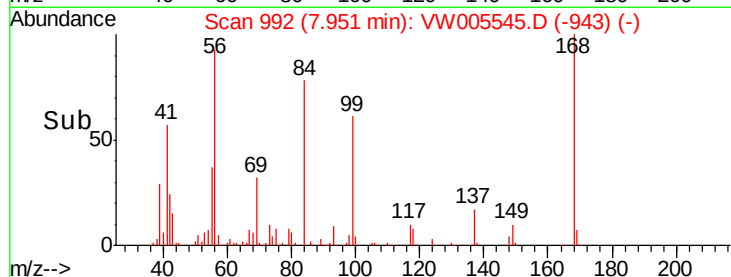
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.683 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005545.D

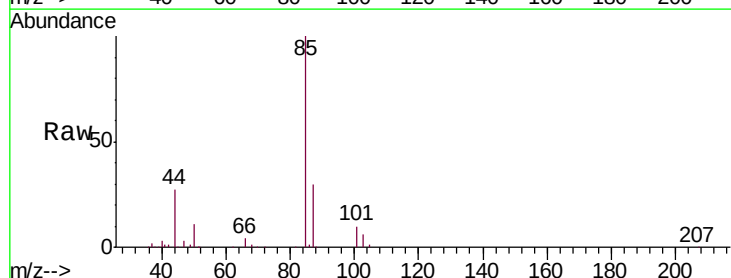
Acq: 20 Sep 2018 22:19

Tgt Ion: 85 Resp: 101551

Ion Ratio Lower Upper

85 100

87 29.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

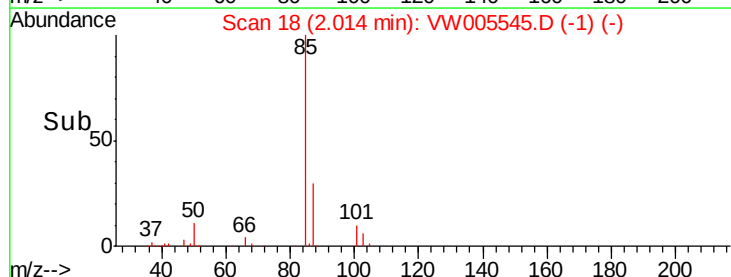
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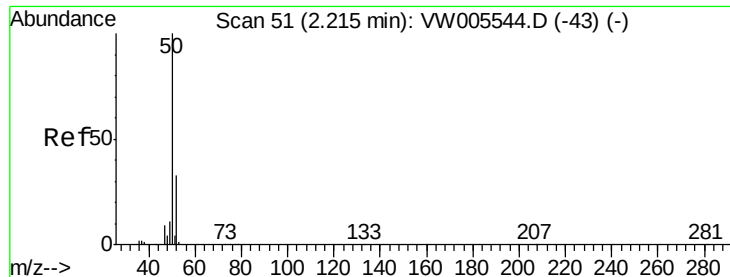
20000

10000

0

Time-->





#3

Chloromethane

Concen: 46.953 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 50 Resp: 126999

Ion Ratio Lower Upper

50 100

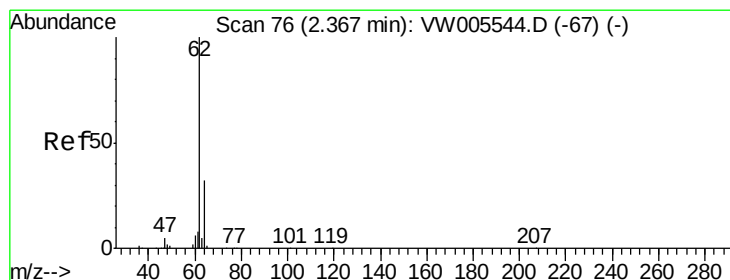
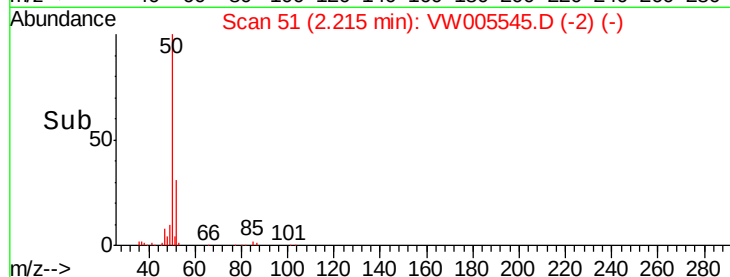
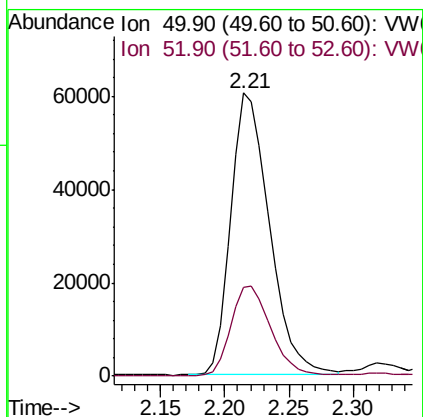
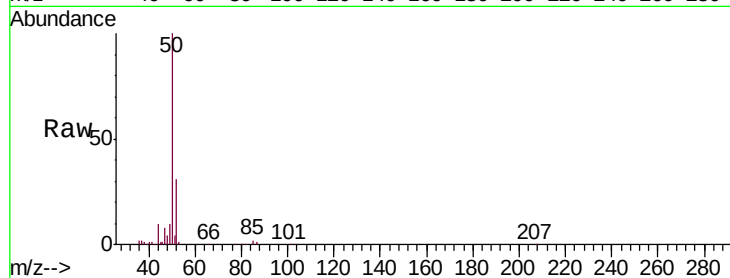
52 31.3 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 59.159 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005545.D

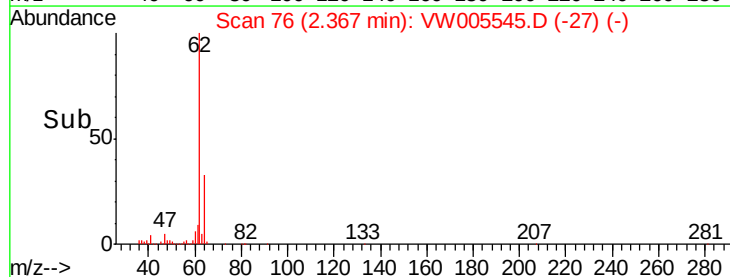
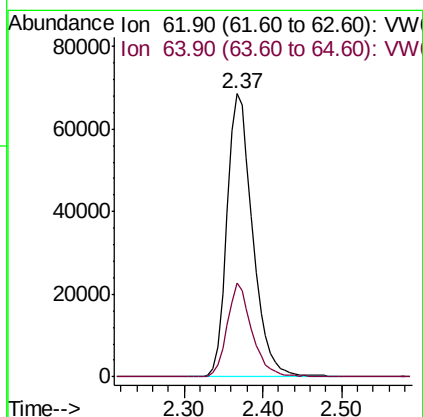
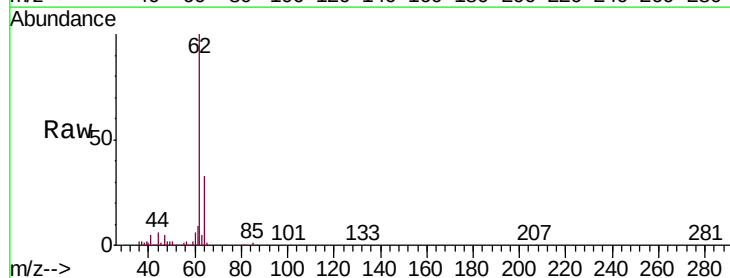
Acq: 20 Sep 2018 22:19

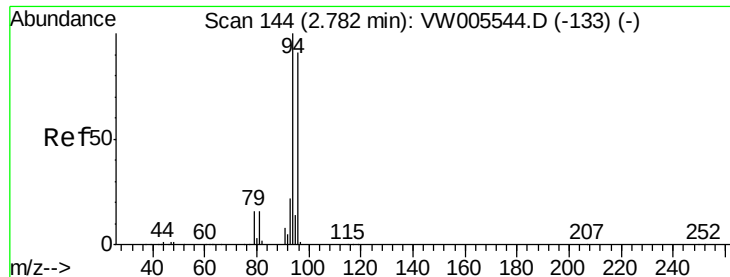
Tgt Ion: 62 Resp: 155117

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5





#5

Bromomethane

Concen: 53.382 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 94 Resp: 102781

Ion Ratio Lower Upper

94 100

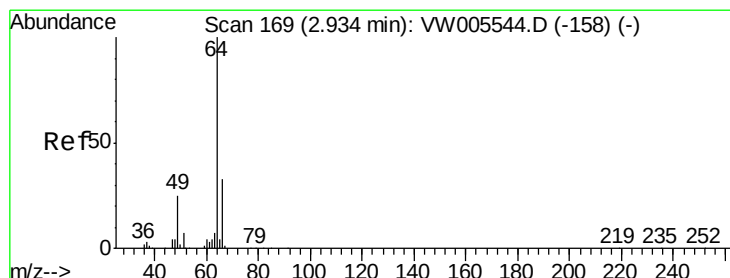
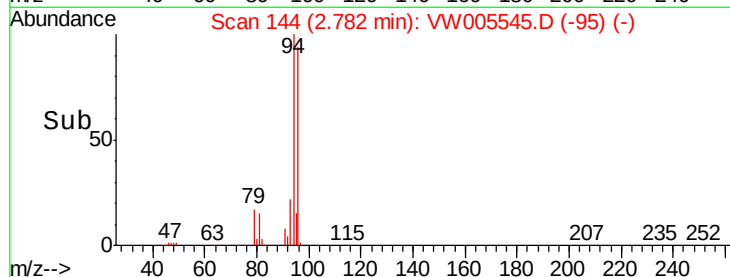
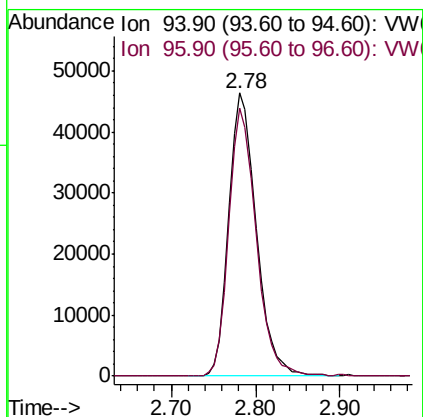
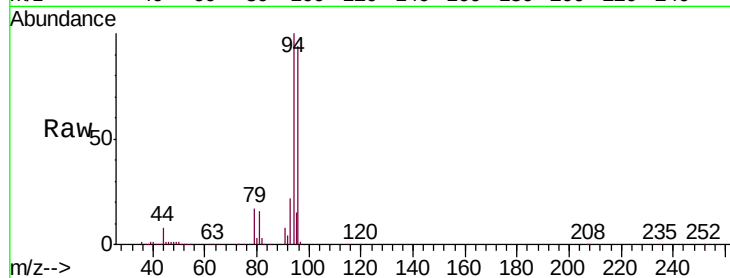
96 94.4 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 63.096 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005545.D

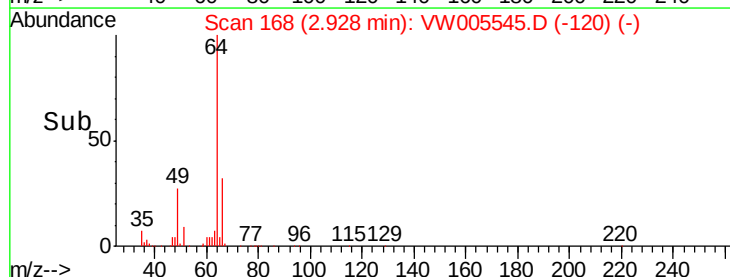
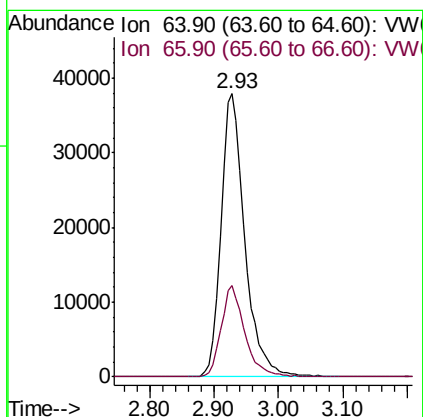
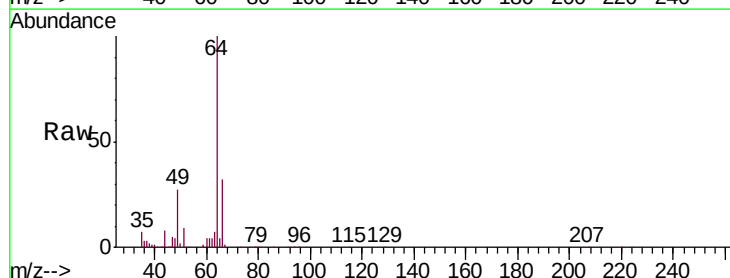
Acq: 20 Sep 2018 22:19

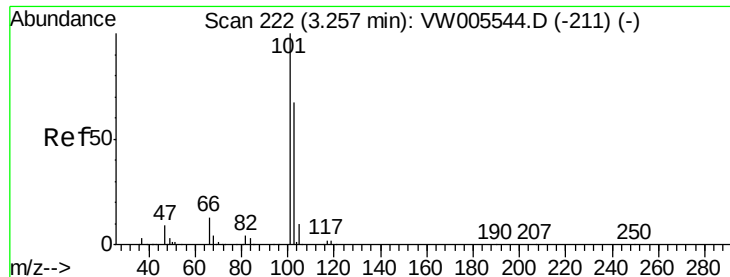
Tgt Ion: 64 Resp: 98584

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0





#7

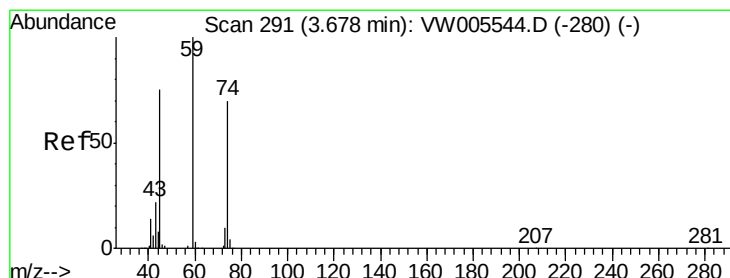
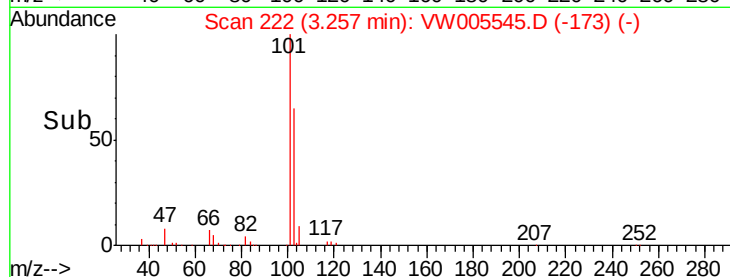
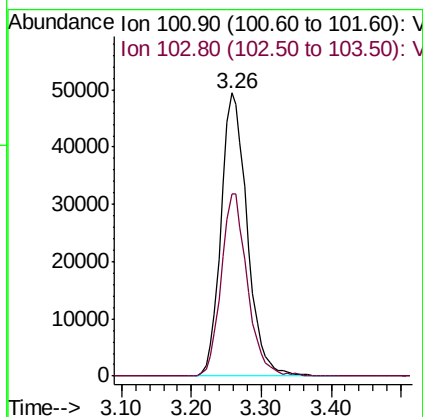
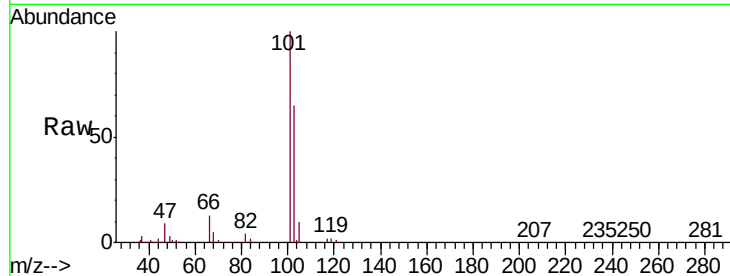
Trichlorofluoromethane
 Concen: 39.125 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

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 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.5	53.2	79.8

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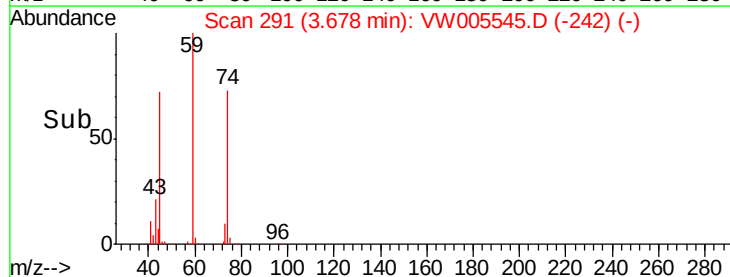
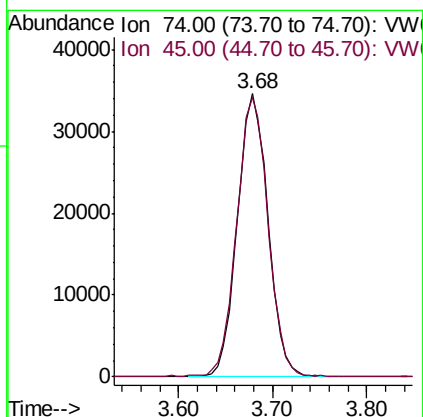
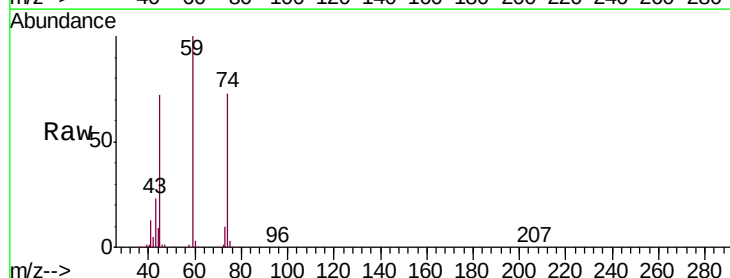
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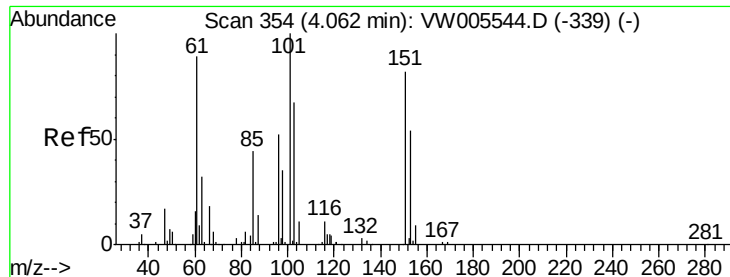


#8

Diethyl Ether
 Concen: 72.991 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 73.139 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005545.D

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MSVOA_W

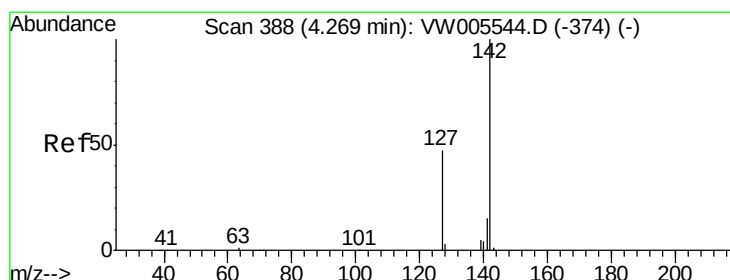
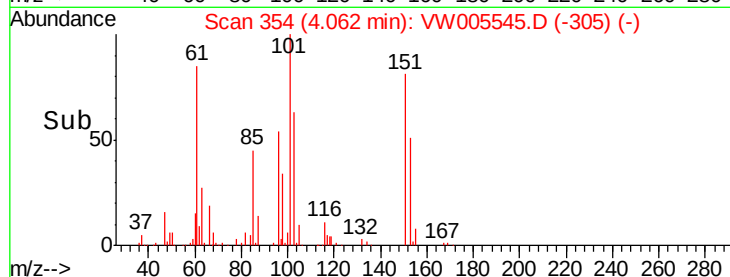
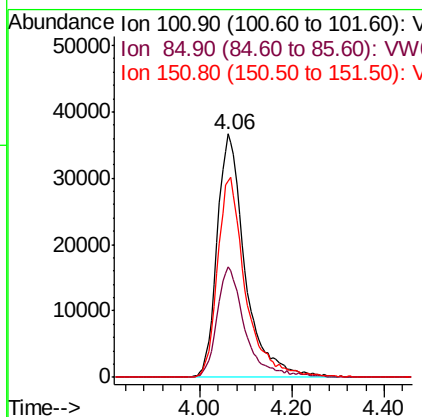
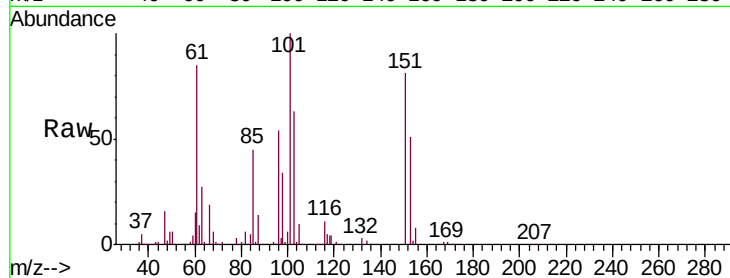
ClientSampleId :

VSTDIC075

Tgt Ion:	101	Resp:	154433
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.4	54.6
151	82.4	65.8	98.6

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#10

Methyl Iodide

Concen: 102.951 ug/l

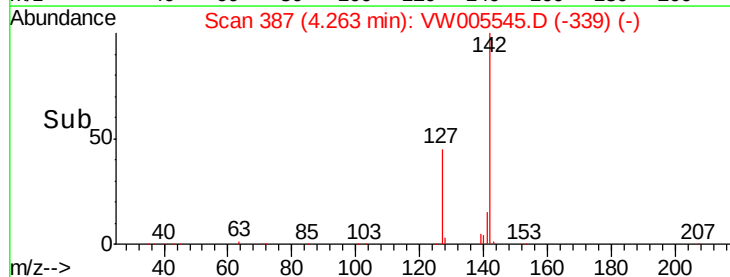
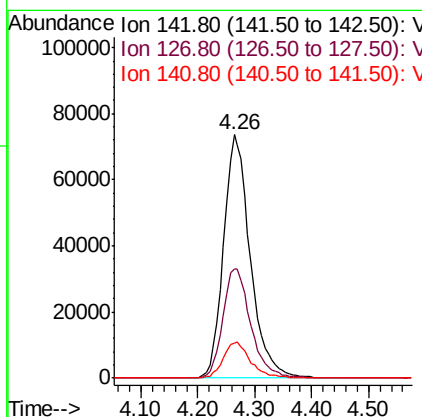
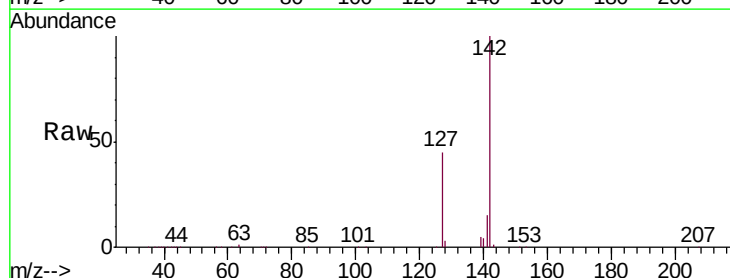
RT: 4.26 min Scan# 387

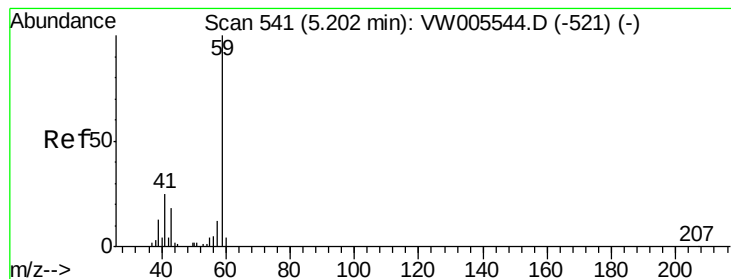
Delta R.T. -0.01 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Tgt Ion:	142	Resp:	240163
Ion Ratio	Lower	Upper	
142	100		
127	47.0	37.4	56.0
141	15.3	11.9	17.9





#11

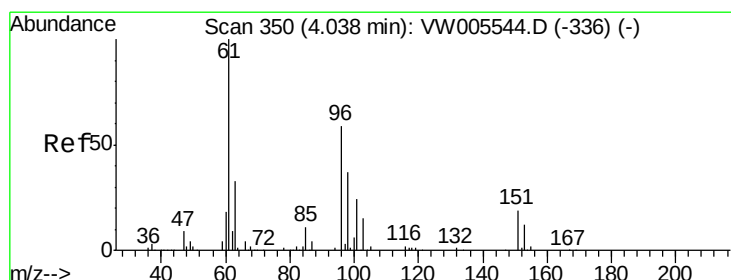
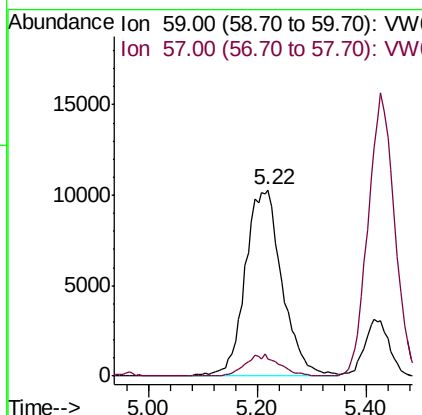
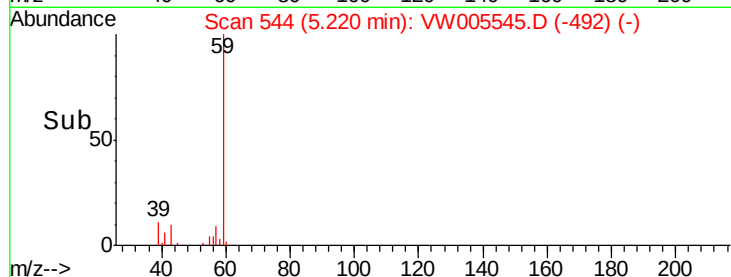
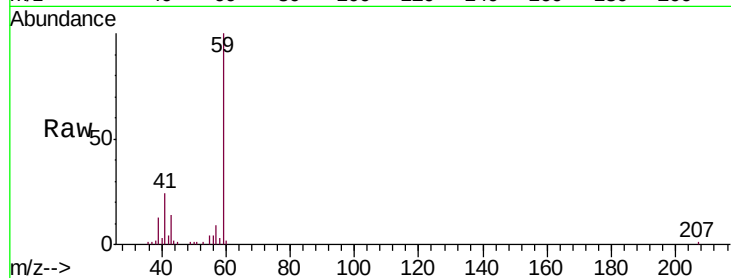
Tert butyl alcohol
Concen: 271.775 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

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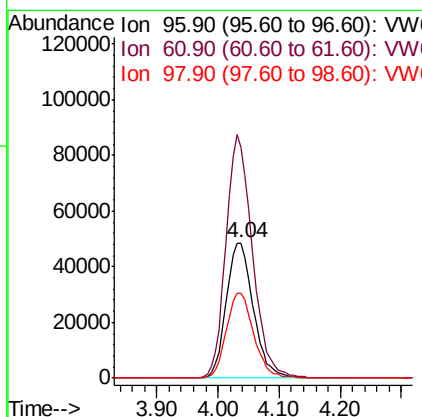
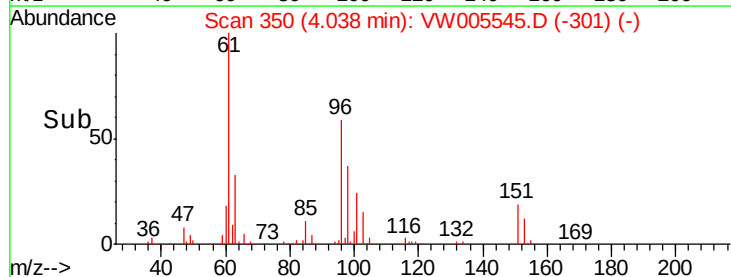
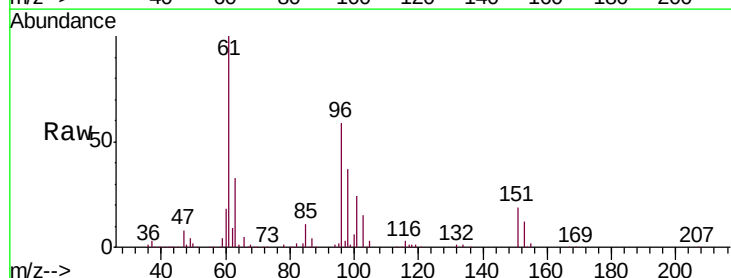
apatel
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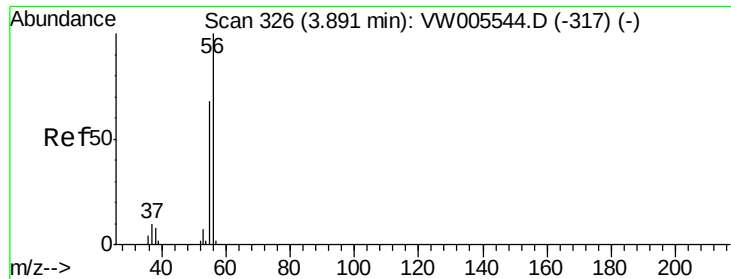


#12

1,1-Dichloroethene
Concen: 76.490 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.7	135.0	202.6
98	62.5	50.6	76.0





#13

Acrolein

Concen: 276.074 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tgt Ion: 56 Resp: 32272

Ion Ratio Lower Upper

56 100

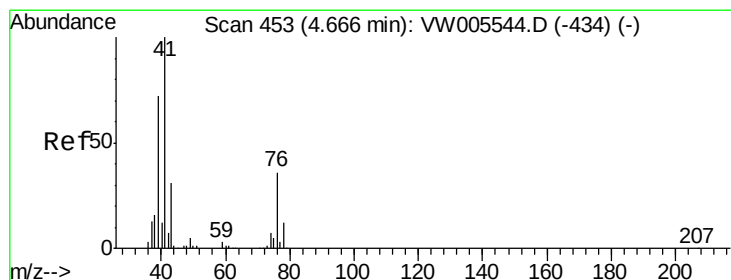
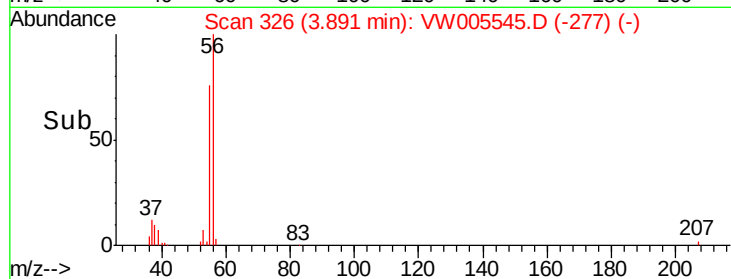
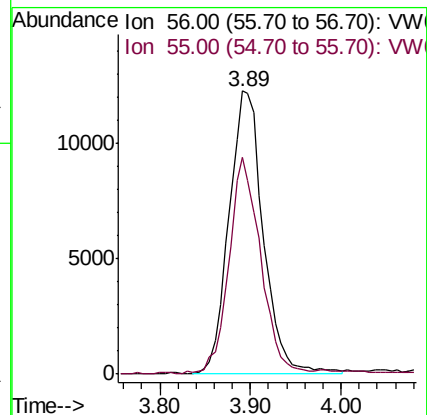
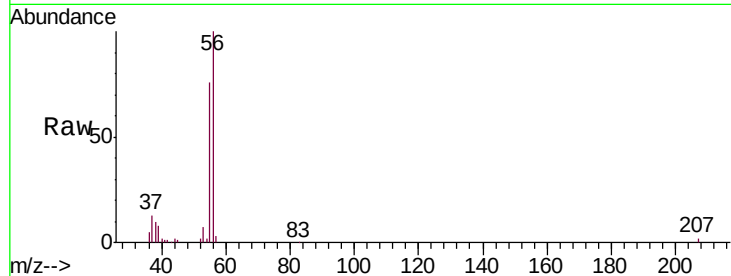
55 70.5 57.8 86.8

Manual Integrations

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#14

Allyl chloride

Concen: 75.200 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

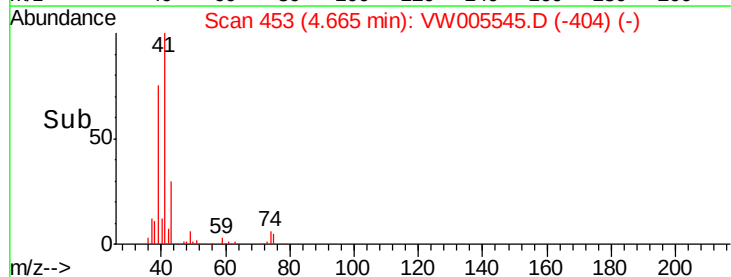
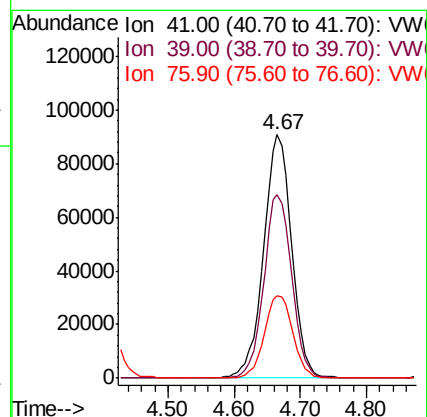
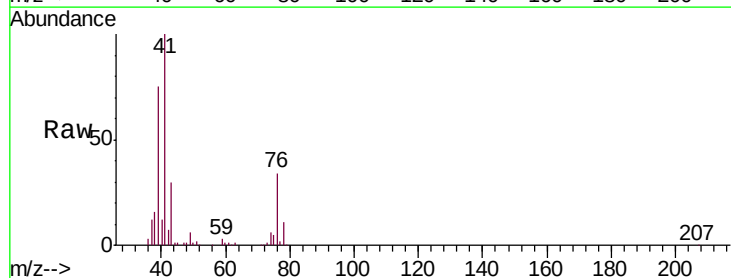
Tgt Ion: 41 Resp: 267715

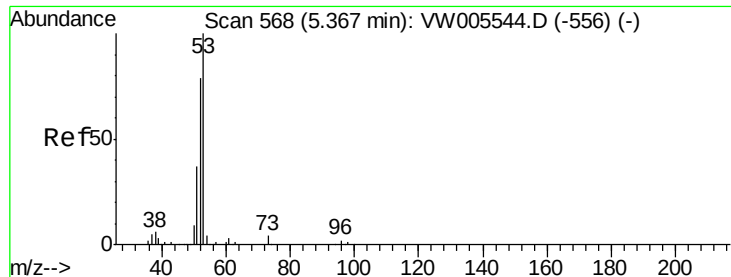
Ion Ratio Lower Upper

41 100

39 75.1 59.6 89.4

76 34.2 27.7 41.5





#15

Acrylonitrile

Concen: 352.939 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

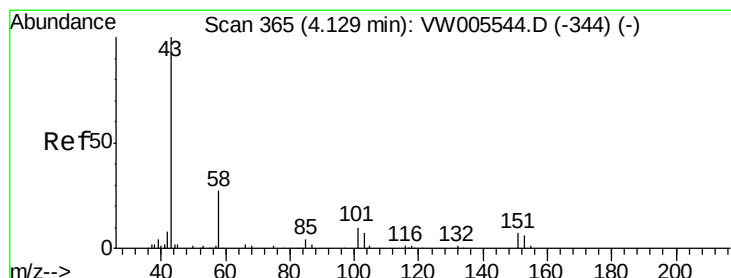
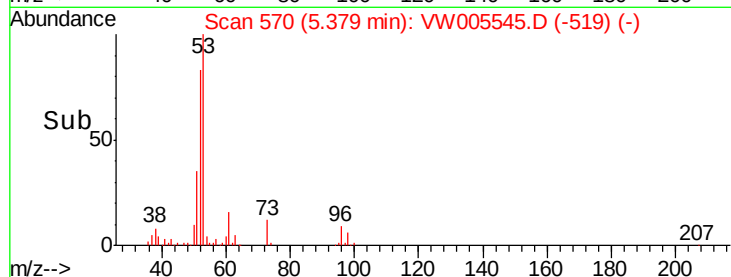
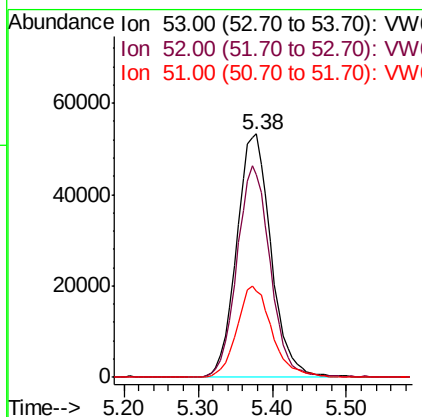
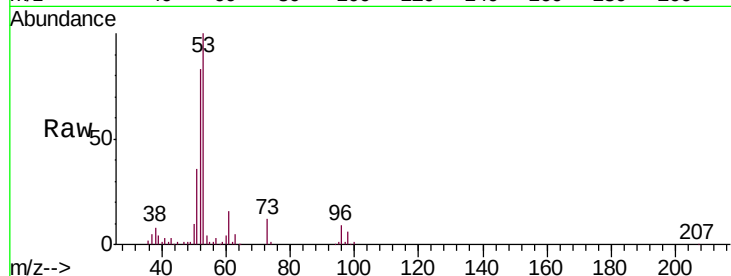
ClientSampleId :

VSTDIC075

Tgt Ion:	53	Resp:	172543
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.5	99.7
51	38.3	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 350.323 ug/l

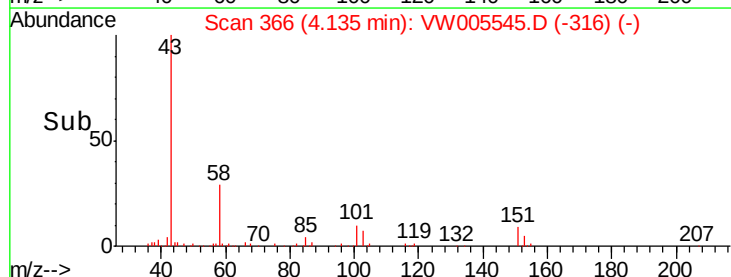
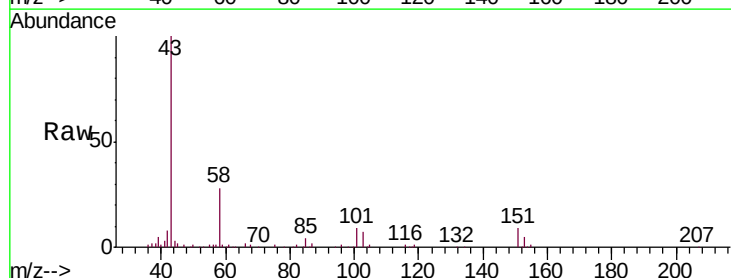
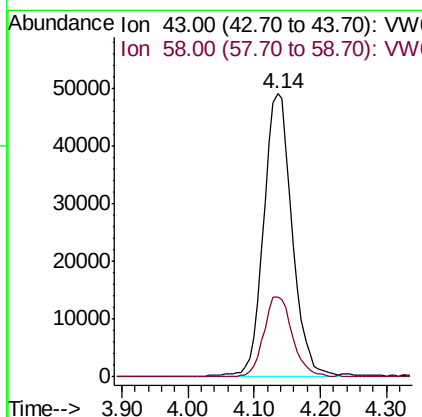
RT: 4.14 min Scan# 366

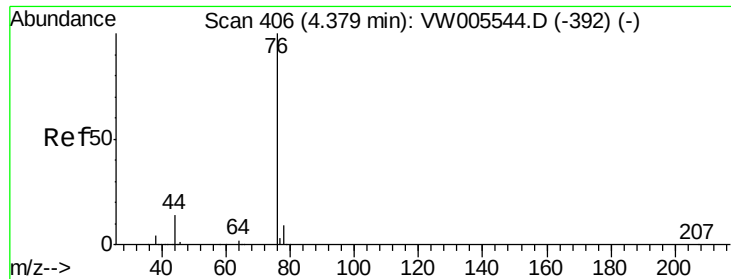
Delta R.T. 0.01 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Tgt Ion:	43	Resp:	147613
Ion	Ratio	Lower	Upper
43	100		
58	28.2	21.8	32.8





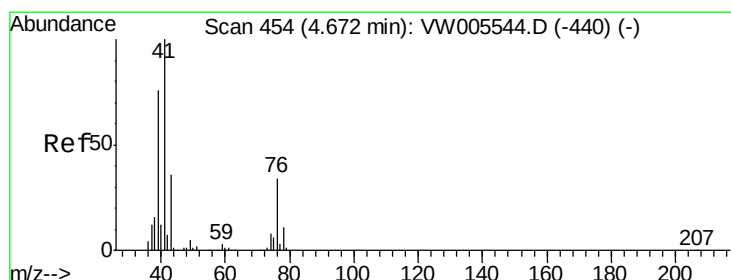
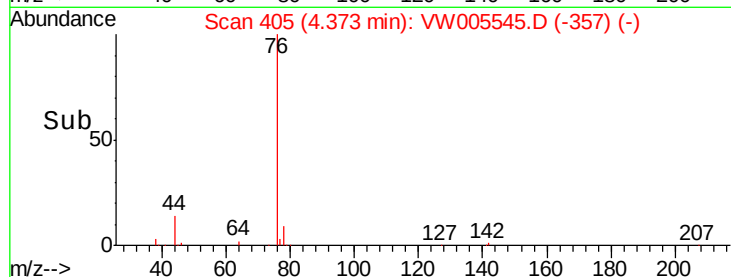
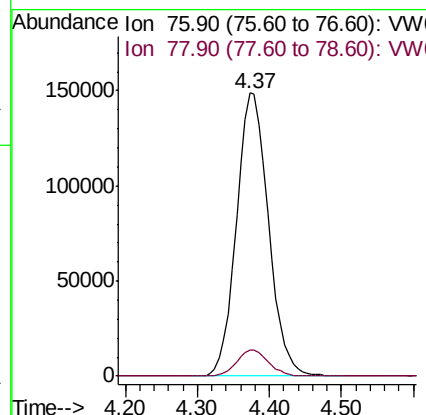
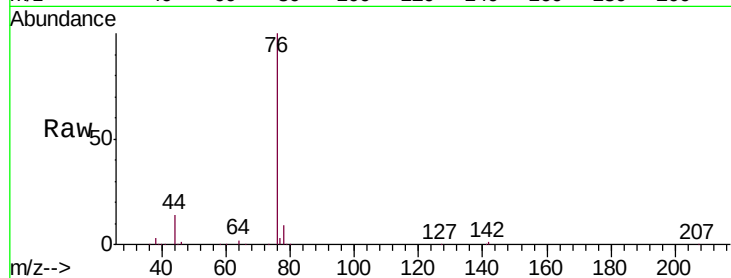
#17
Carbon Disulfide
Concen: 69.044 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
76	100	459650		
78	9.1		7.4	11.0

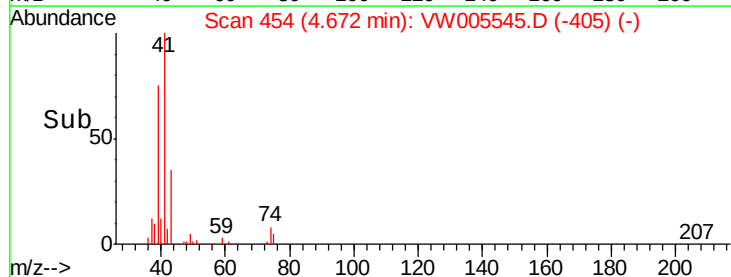
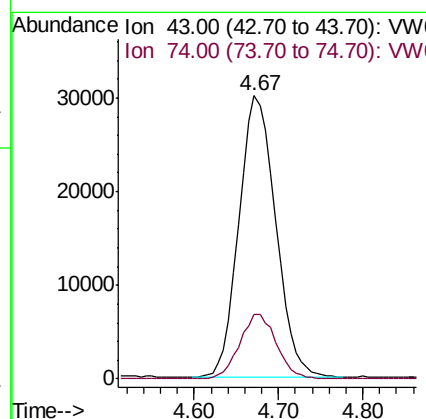
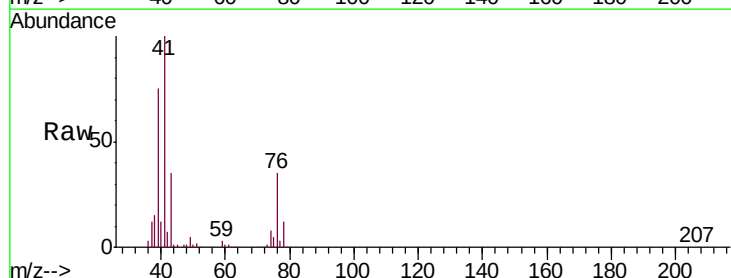
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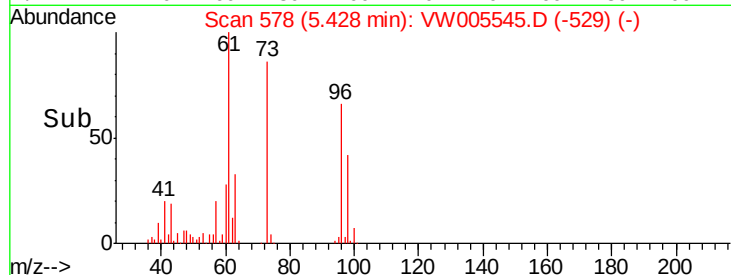
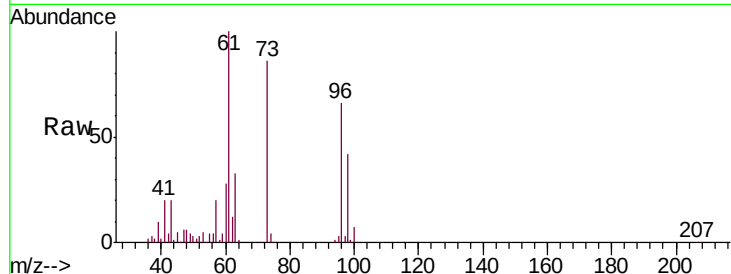
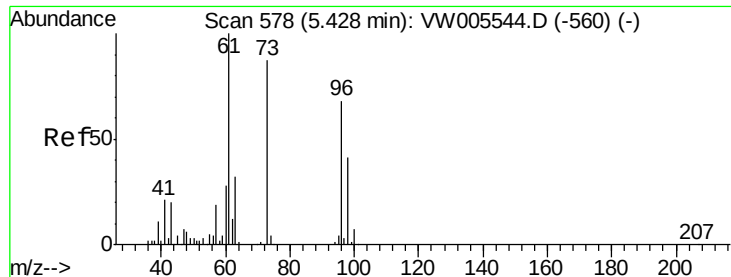
apatel
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#18
Methyl Acetate
Concen: 72.969 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	89543		
74	22.7		19.2	28.8





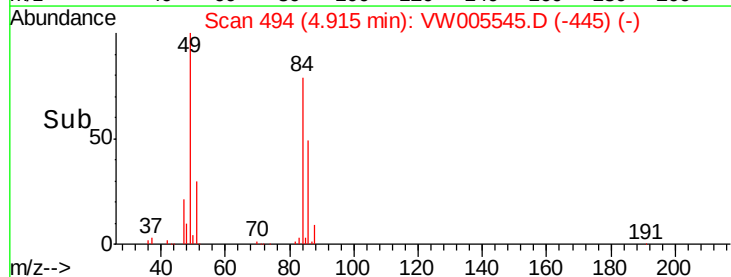
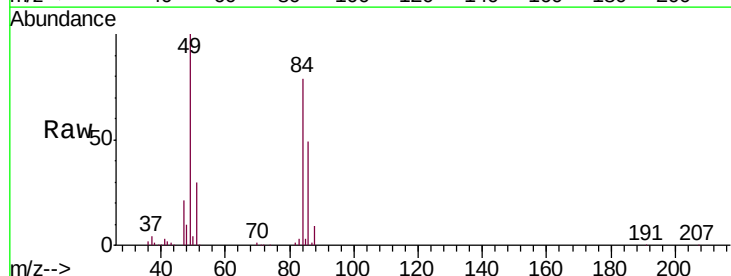
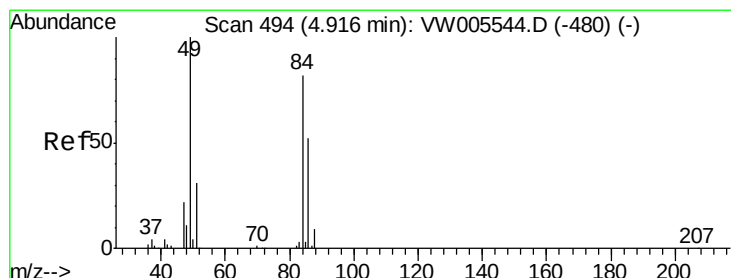
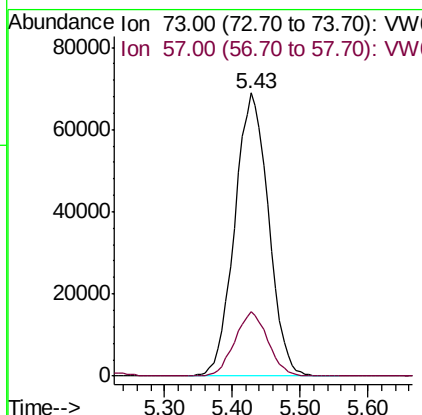
#19
Methyl tert-butyl Ether
Concen: 49.408 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion: 73 Resp: 237978
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

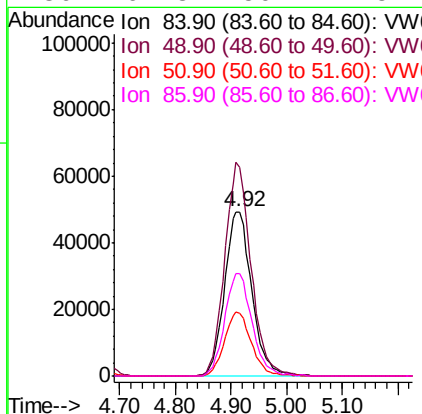
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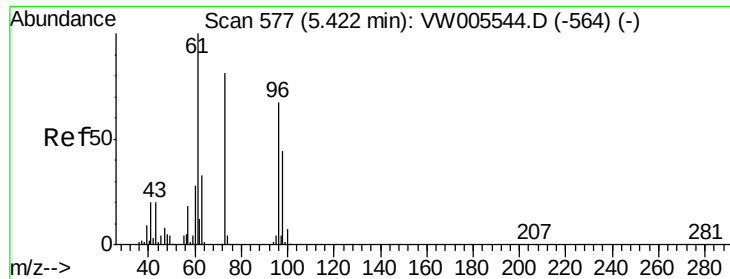
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#20
Methylene Chloride
Concen: 55.177 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion: 84 Resp: 166074
Ion Ratio Lower Upper
84 100
49 127.0 97.0 145.6
51 38.3 30.2 45.2
86 62.3 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 72.264 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

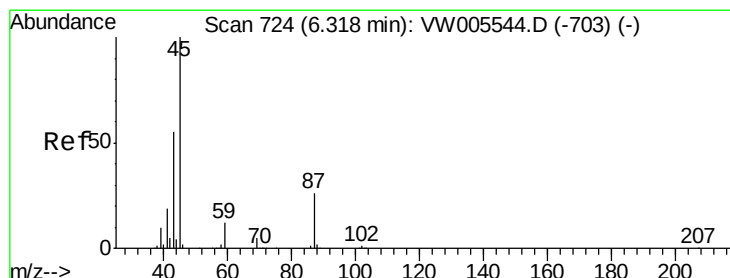
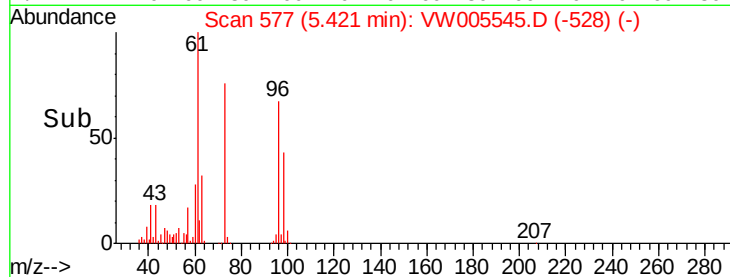
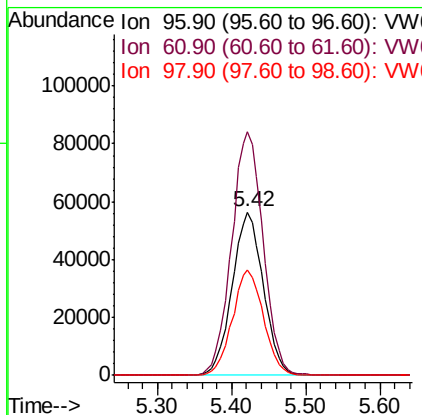
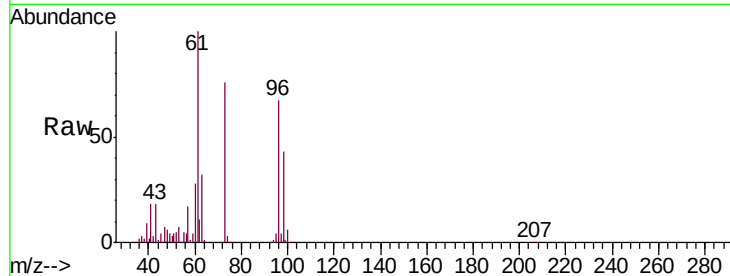
ClientSampled :

VSTDIC075

Tgt Ion:	96	Resp:	165345
Ion	Ratio	Lower	Upper
96	100		
61	149.2	118.9	178.3
98	64.9	52.1	78.1

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#22

Diisopropyl ether

Concen: 76.688 ug/l

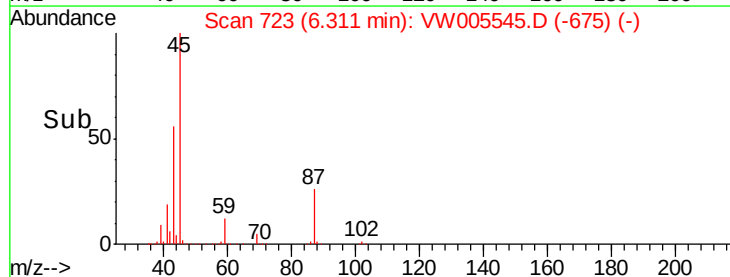
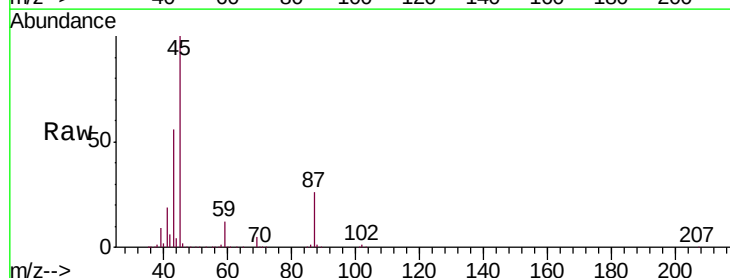
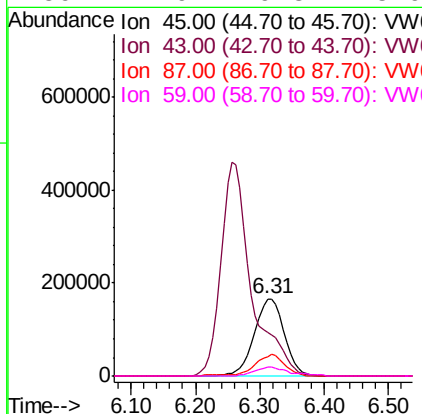
RT: 6.31 min Scan# 723

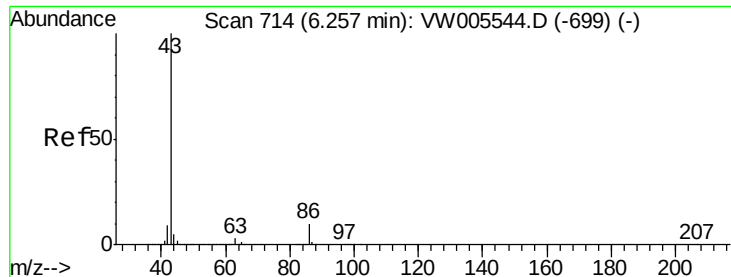
Delta R.T. -0.01 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Tgt Ion:	45	Resp:	533795
Ion	Ratio	Lower	Upper
45	100		
43	55.8	44.2	66.4
87	25.6	21.4	32.2
59	11.9	9.3	13.9





#23

Vinyl Acetate

Concen: 384.461 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 1528798

Ion Ratio Lower Upper

43 100

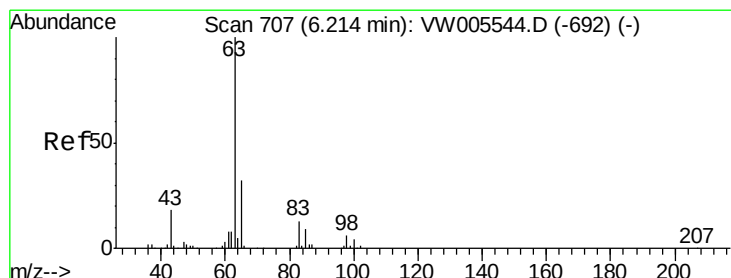
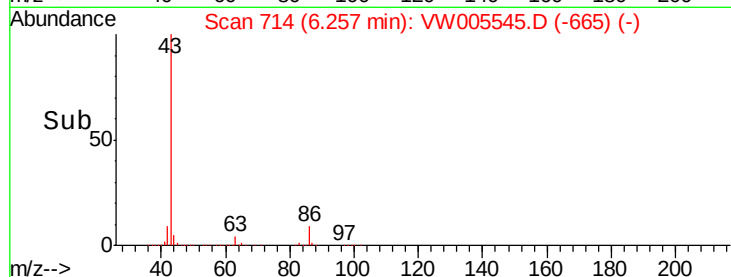
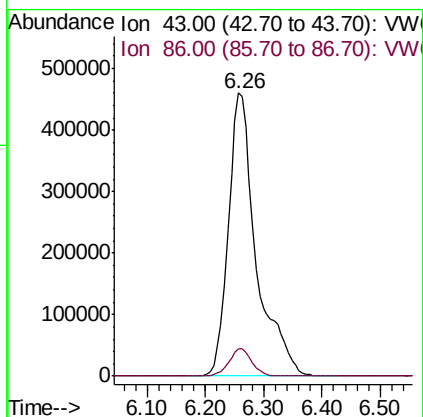
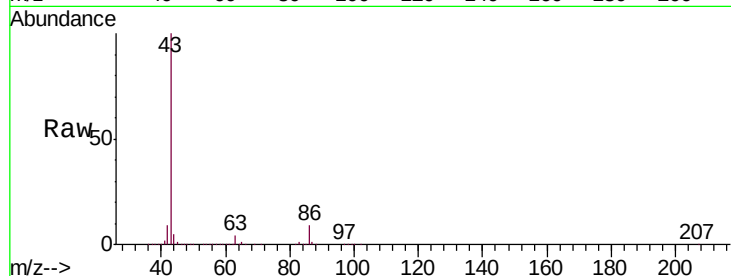
86 9.5 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 74.038 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

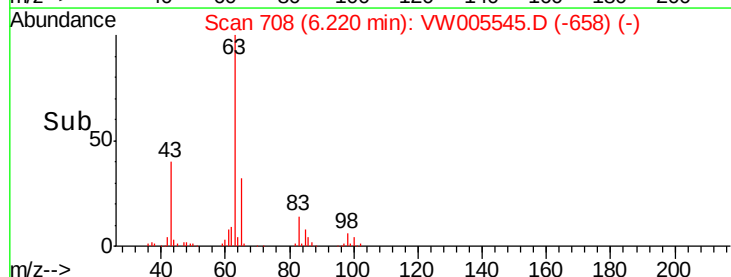
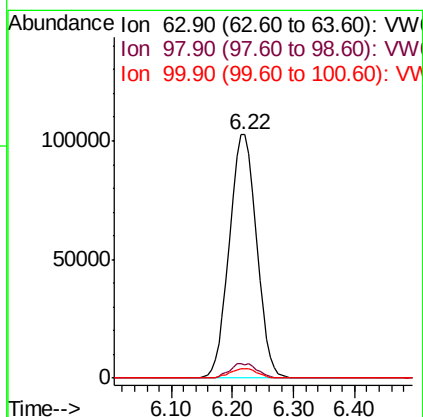
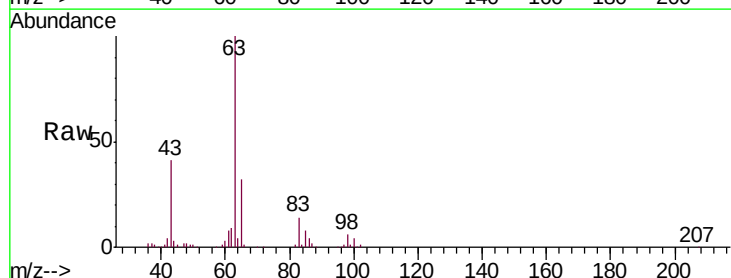
Tgt Ion: 63 Resp: 315101

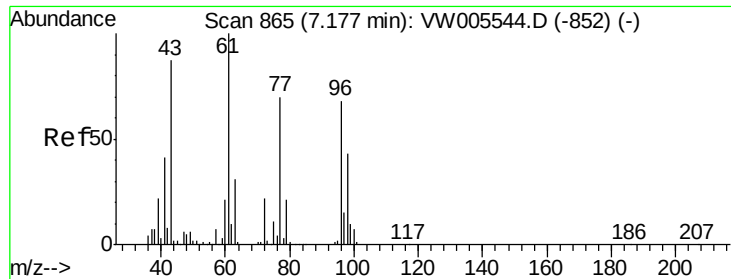
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 363.203 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 223093

Ion Ratio Lower Upper

43 100

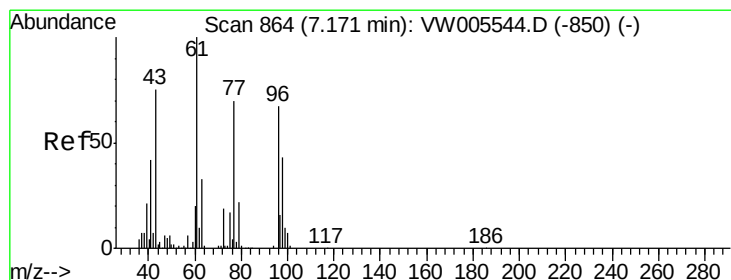
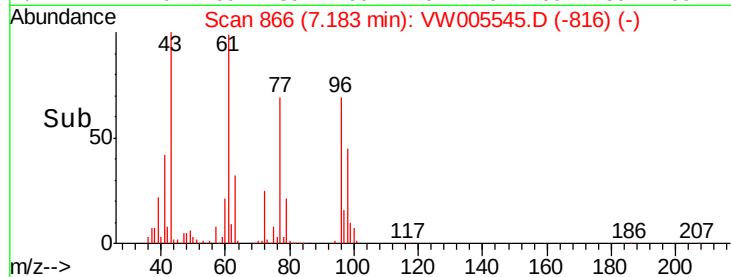
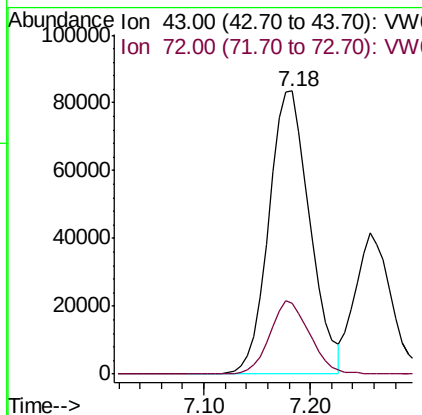
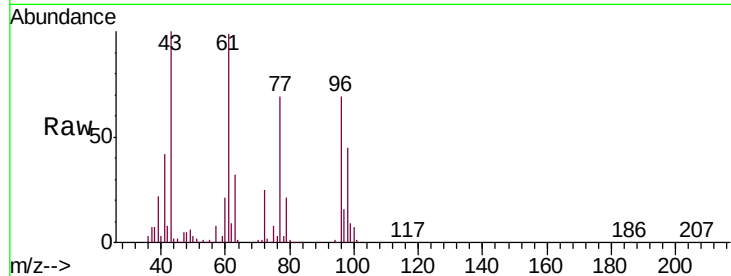
72 25.1 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 57.449 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005545.D

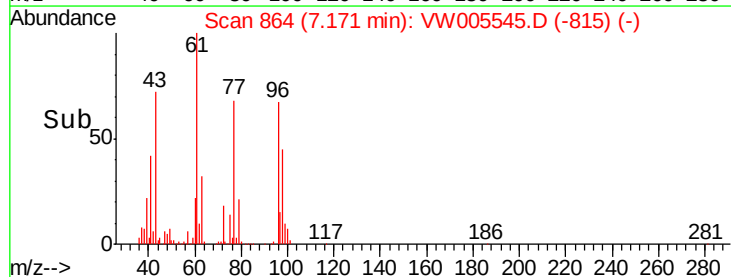
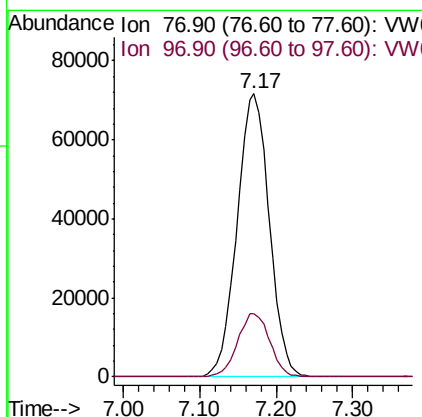
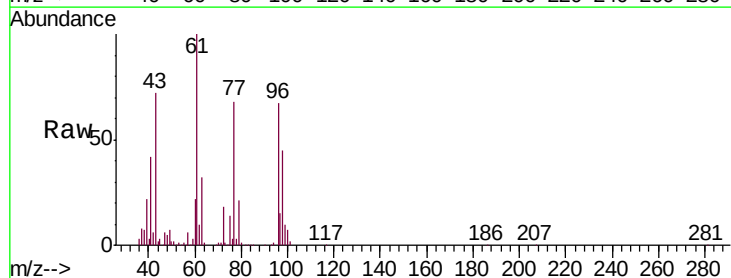
Acq: 20 Sep 2018 22:19

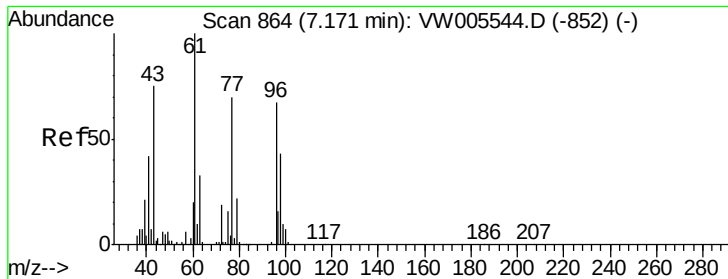
Tgt Ion: 77 Resp: 209450

Ion Ratio Lower Upper

77 100

97 22.3 11.0 33.0





#27

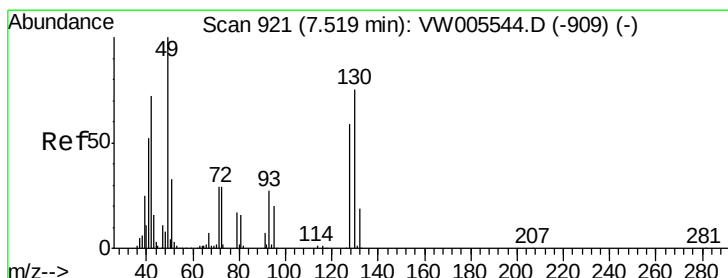
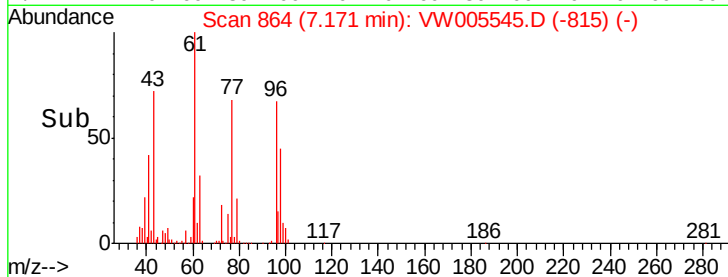
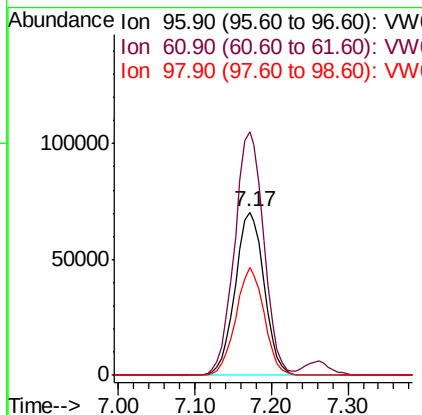
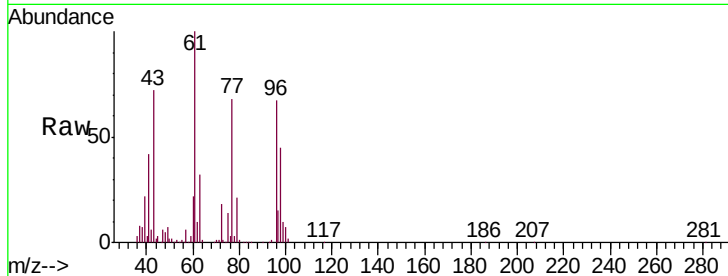
cis-1,2-Dichloroethene
Concen: 74.153 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC075

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	184628		
61	150.9	0.0	303.4	
98	64.5	0.0	127.2	

Manual Integrations
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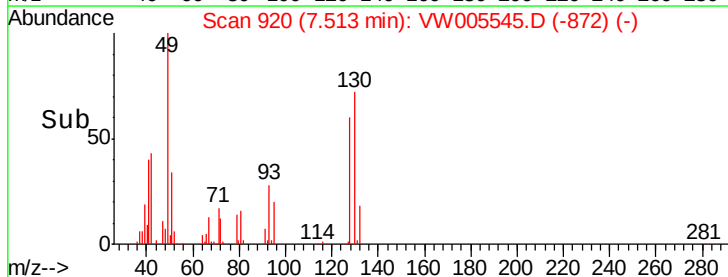
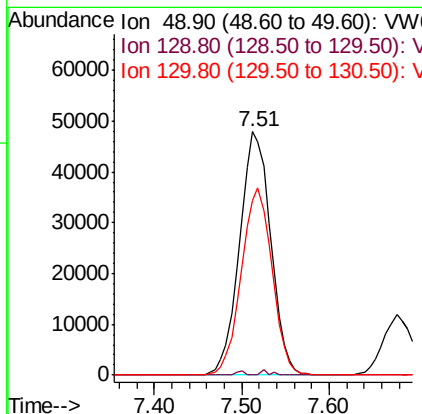
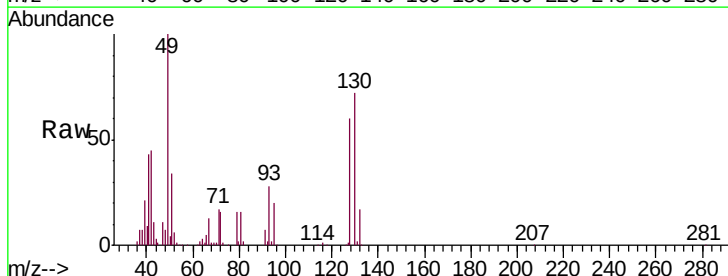
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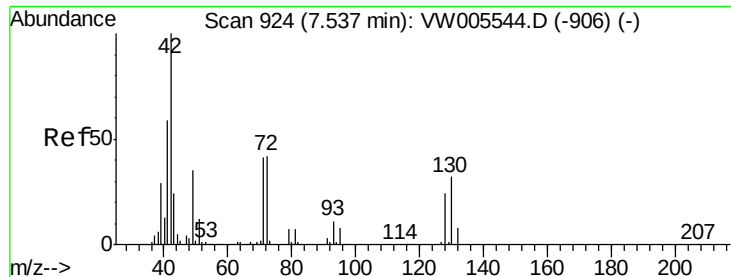


#28

Bromochloromethane
Concen: 71.533 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	118510		
129	0.6	0.0	1.4	
130	76.1	61.3	91.9	





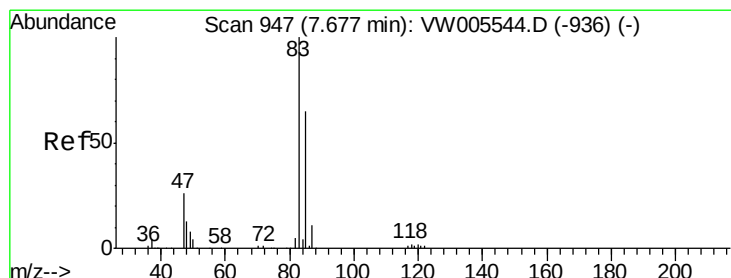
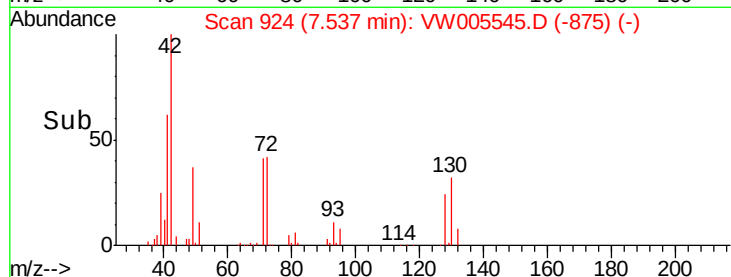
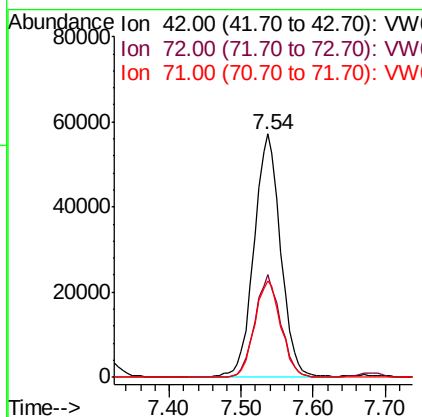
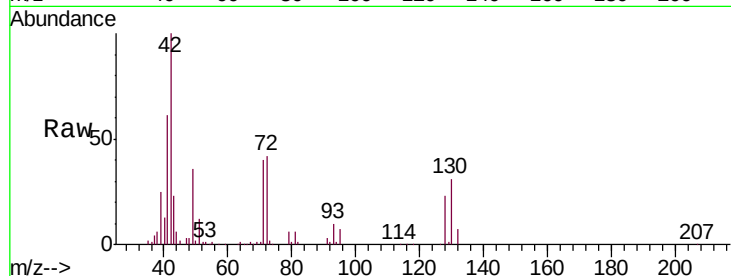
#29
Tetrahydrofuran
Concen: 374.663 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:	42	Resp:	147093
Ion	Ratio	Lower	Upper
42	100		
72	40.7	33.6	50.4
71	39.1	31.8	47.6

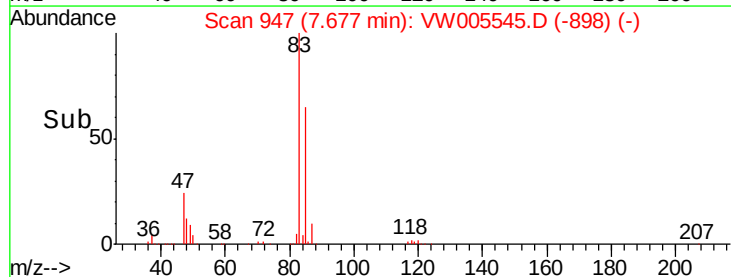
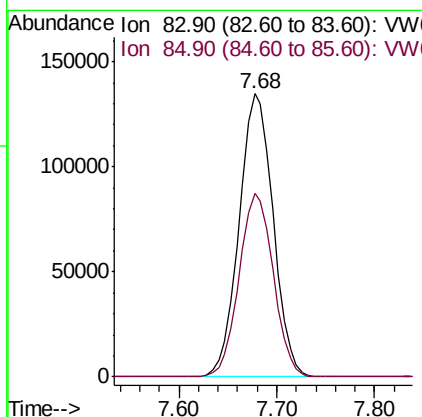
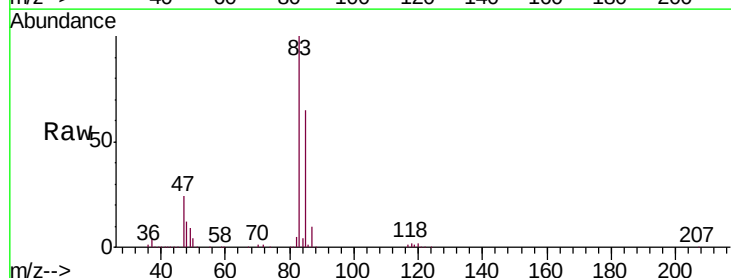
Manual Integrations
APPROVED

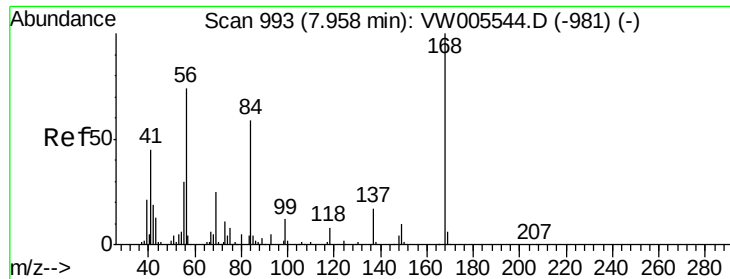
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#30
Chloroform
Concen: 73.631 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion:	83	Resp:	325281
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.6





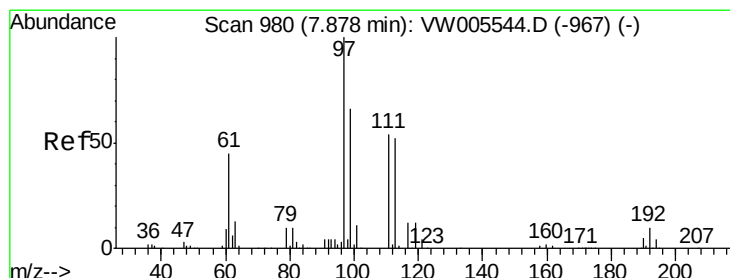
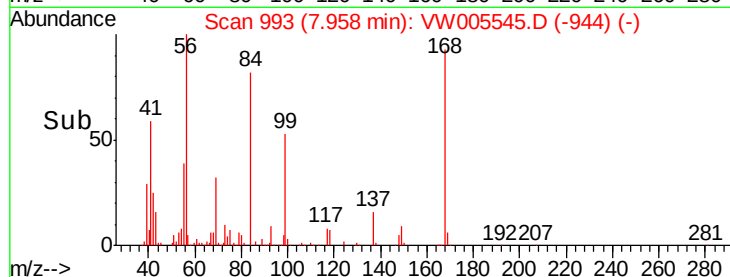
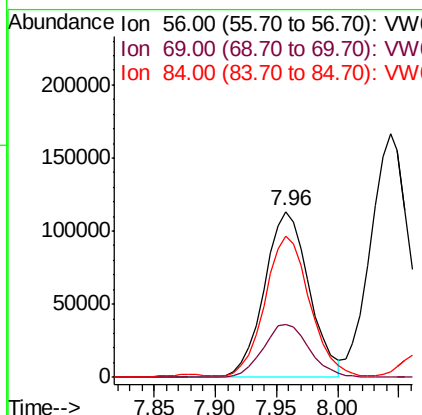
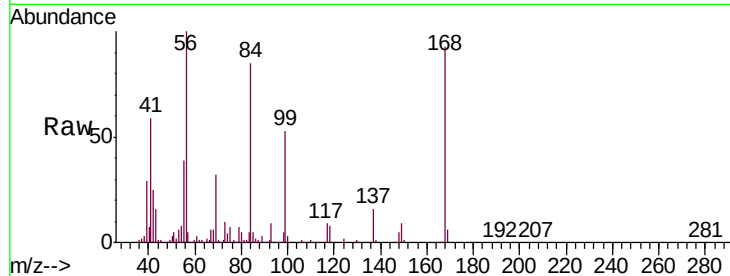
#31
Cyclohexane
Concen: 71.133 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.0	27.0	40.4
84	83.2	64.2	96.4

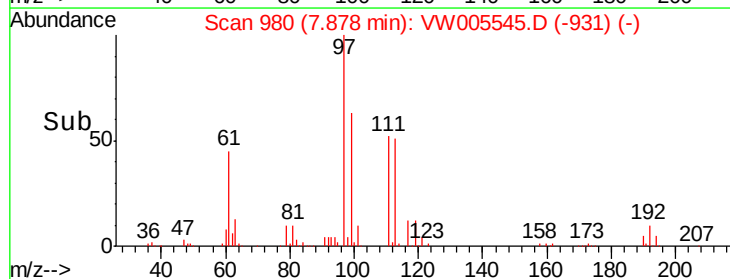
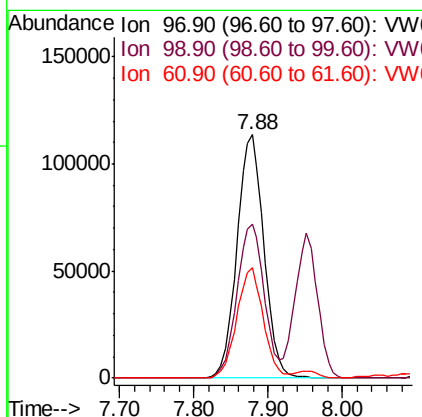
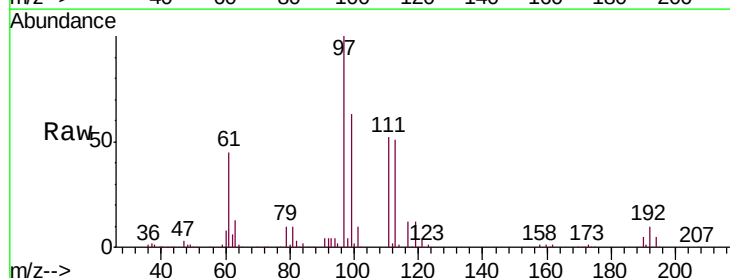
Manual Integrations
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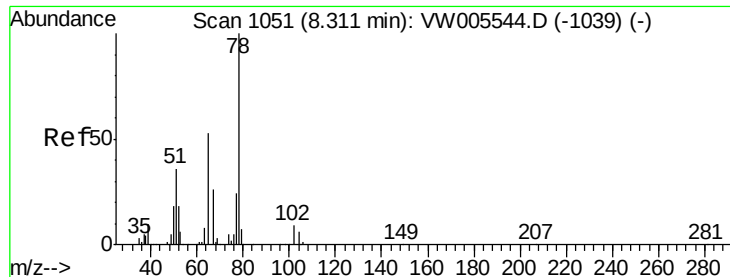
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#32
1,1,1-Trichloroethane
Concen: 71.362 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.6
61	44.7	36.2	54.2





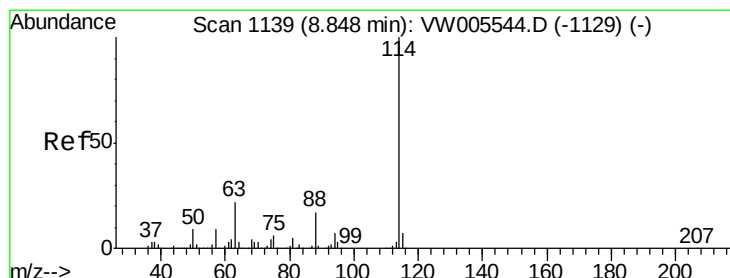
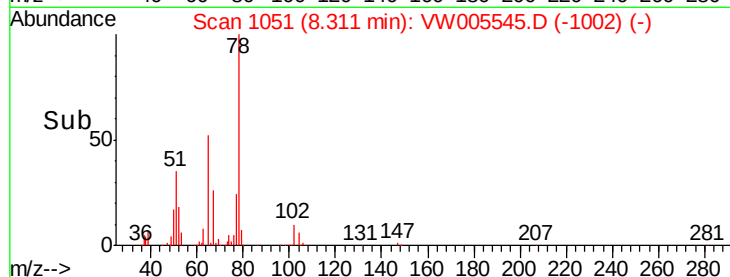
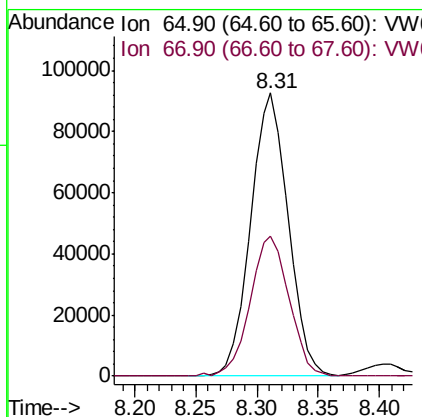
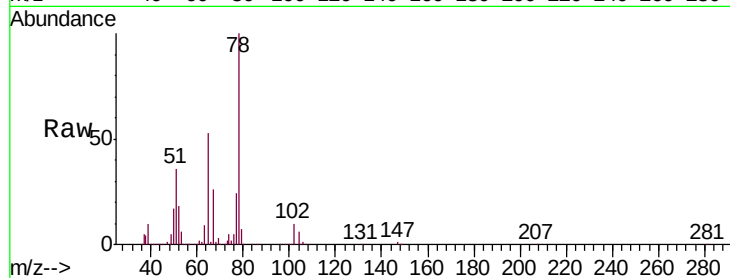
#33
 1,2-Dichloroethane-d4
 Concen: 76.282 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	197716		
67	51.1	0.0	100.6	

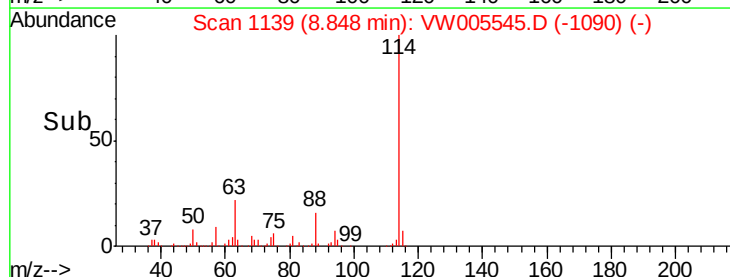
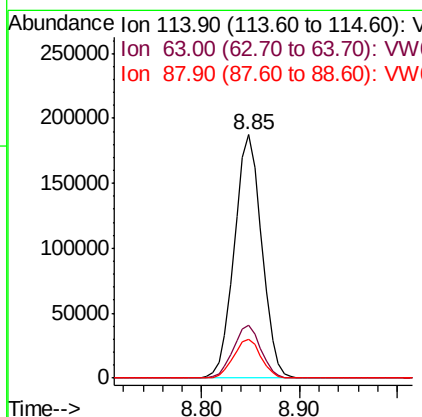
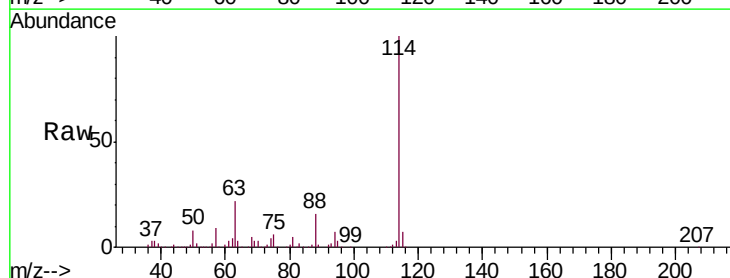
Manual Integrations
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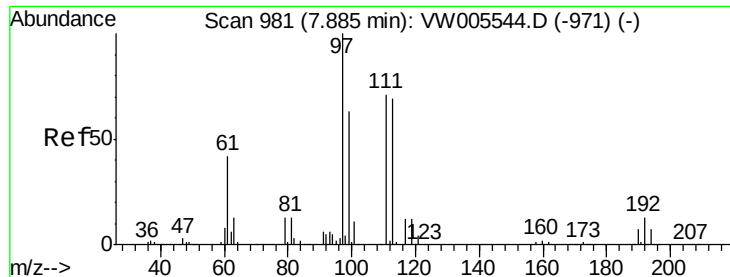
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	363224		
63	21.9	0.0	43.0	
88	16.1	0.0	33.0	





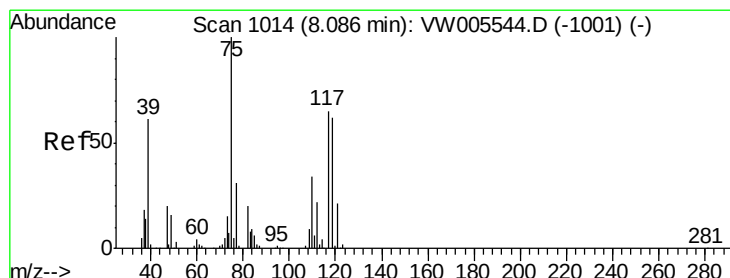
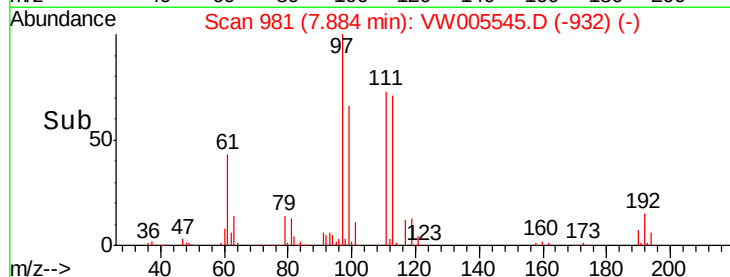
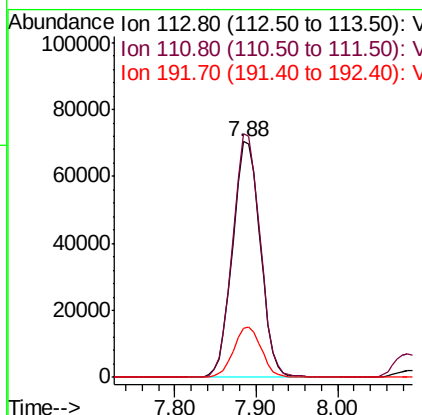
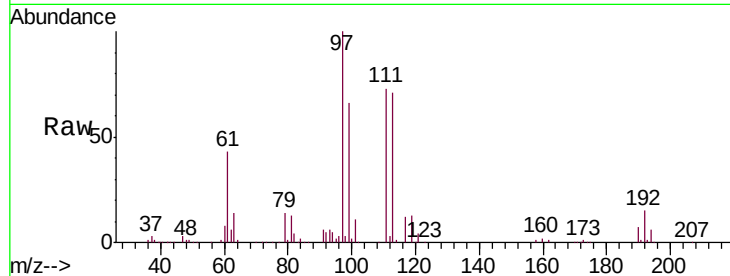
#35
 Dibromofluoromethane
 Concen: 78.529 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	165059		
111	102.4	82.6	123.8	
192	21.1	17.0	25.4	

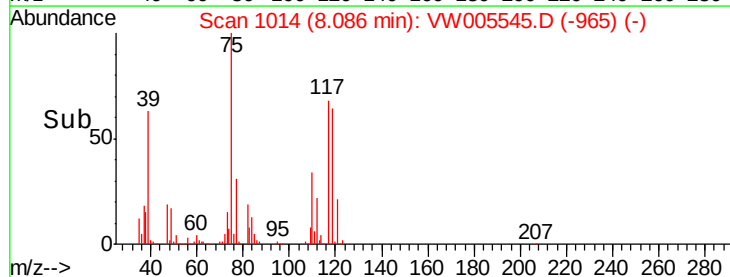
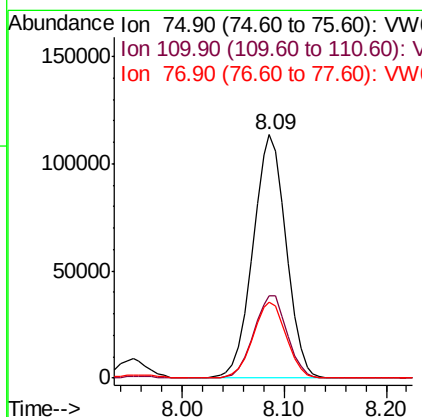
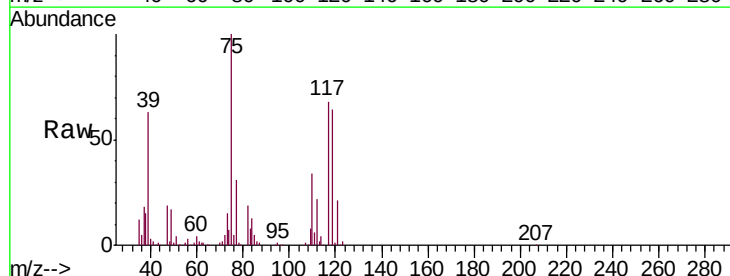
Manual Integrations
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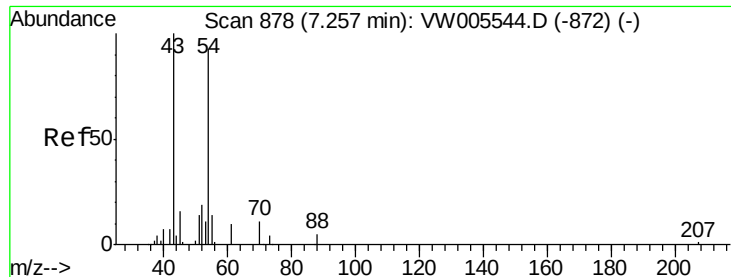
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#36
 1,1-Dichloropropene
 Concen: 73.259 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	255981		
110	34.1	17.0	50.9	
77	31.4	24.8	37.2	





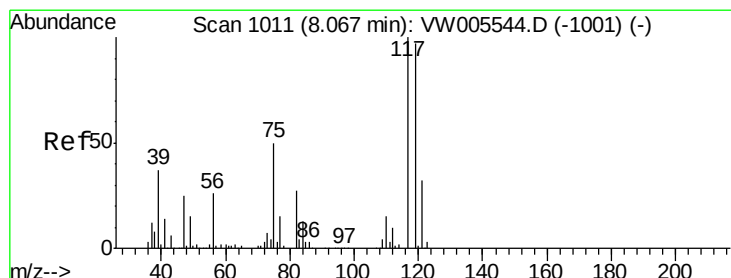
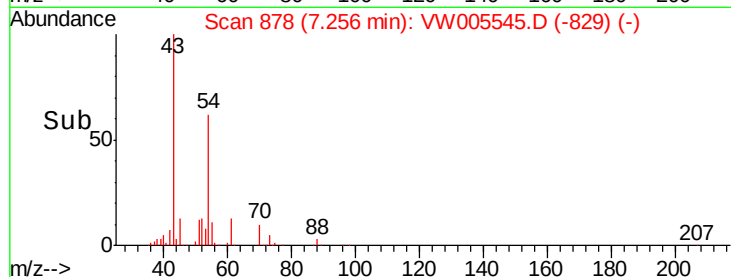
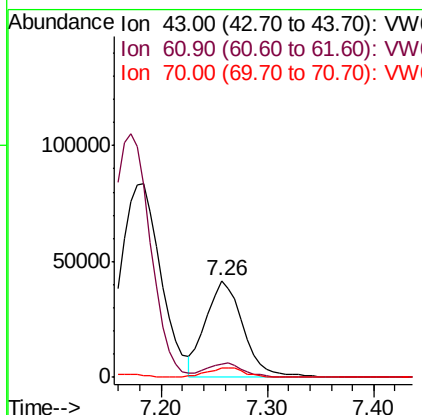
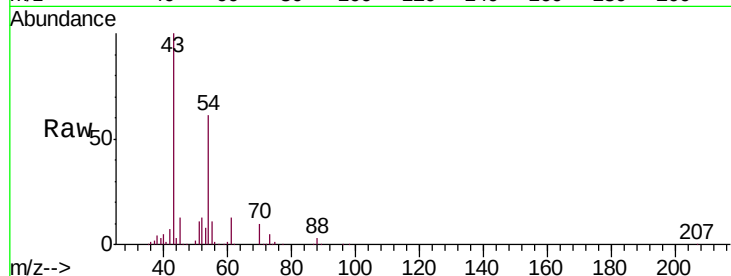
#37
Ethyl Acetate
Concen: 70.022 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	100281		
61	13.4		10.4	15.6
70	10.1		8.2	12.2

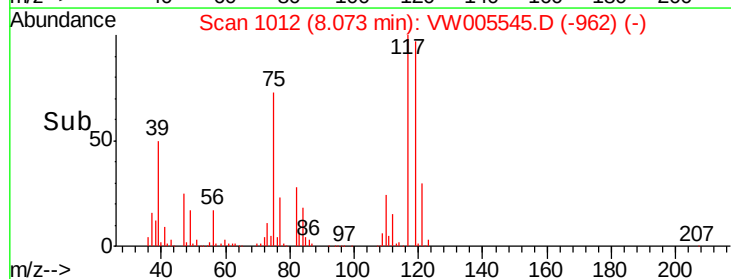
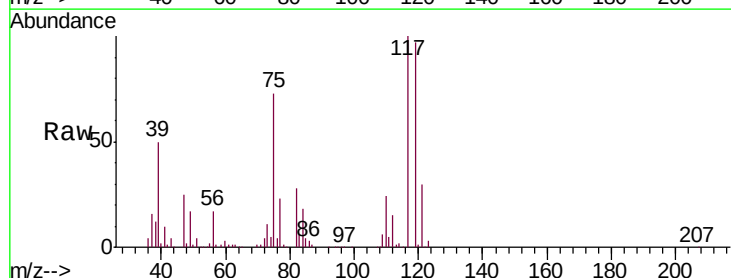
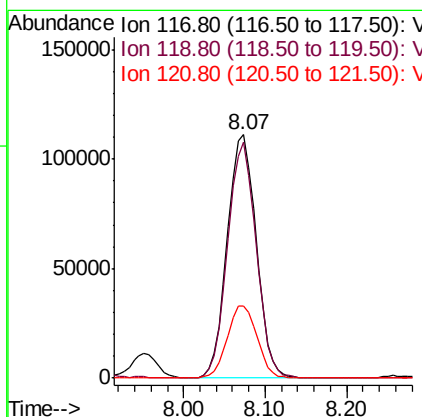
Manual Integrations
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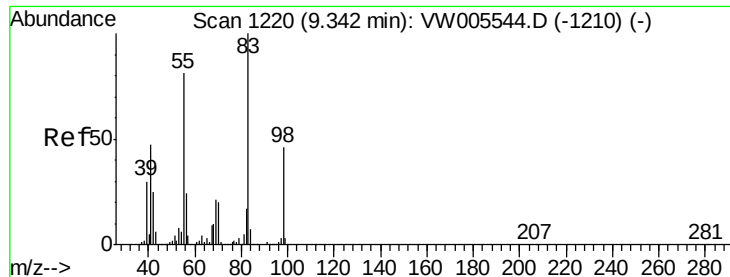
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#38
Carbon Tetrachloride
Concen: 74.635 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	273523		
119	97.2		77.6	116.4
121	29.6		25.7	38.5





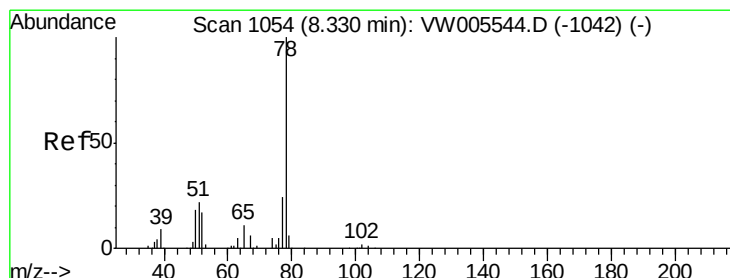
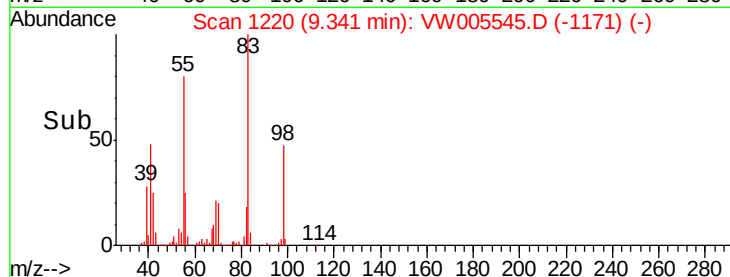
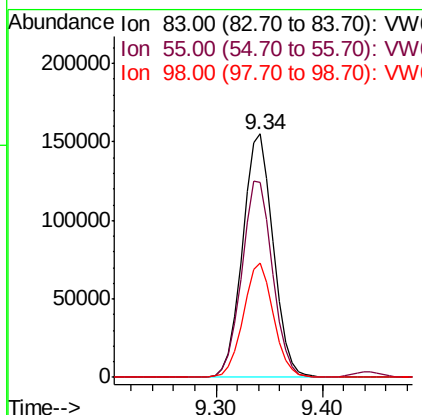
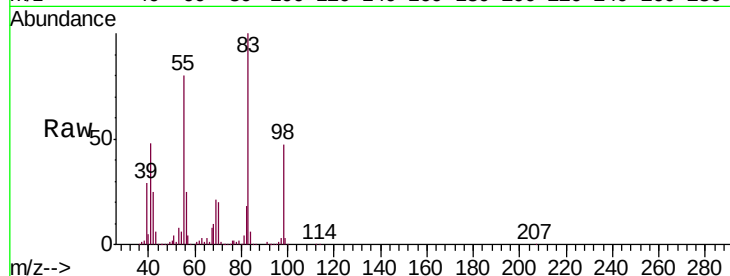
#39
Methylcyclohexane
Concen: 77.509 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	314019		
55	80.2	64.6	97.0	
98	46.8	37.0	55.6	

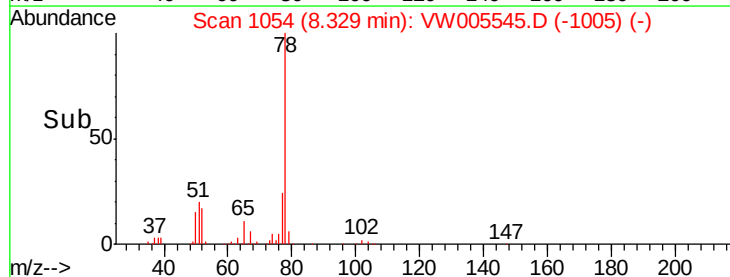
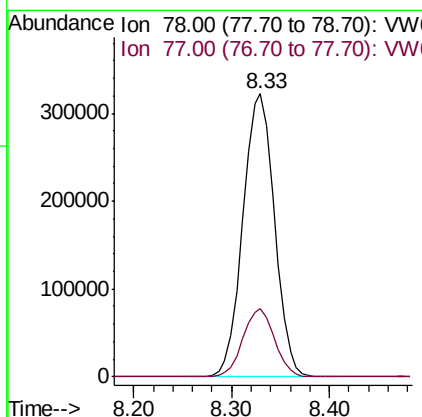
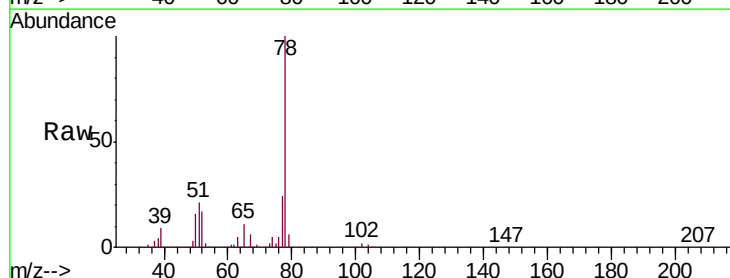
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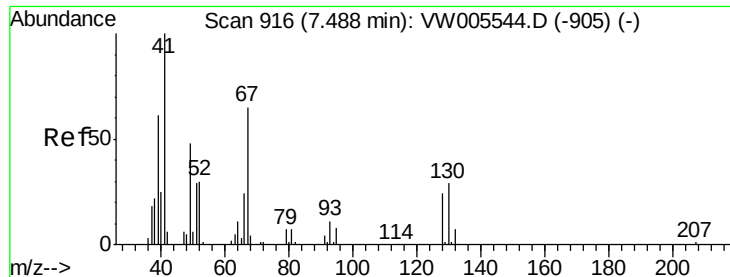
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#40
Benzene
Concen: 71.575 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	720454		
77	24.2	19.0	28.4	





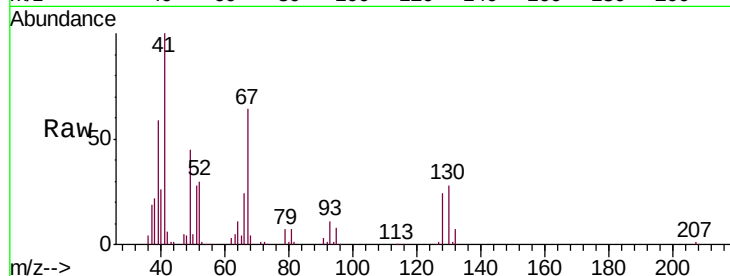
#41
Methacrylonitrile
Concen: 71.207 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.0	45.4	68.2
67	70.6	55.2	82.8
52	31.6	25.3	37.9

Manual Integrations
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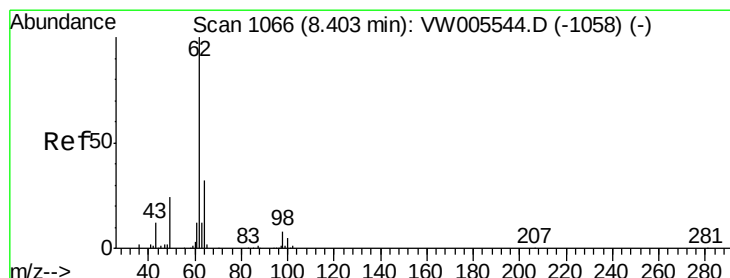
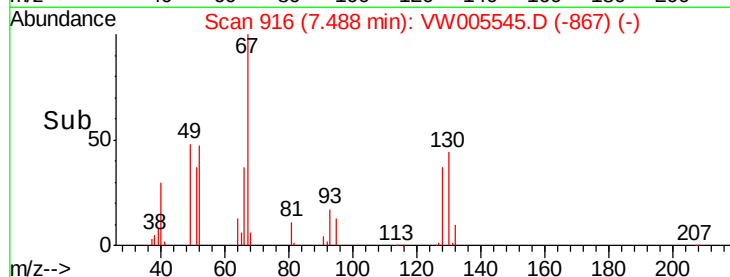
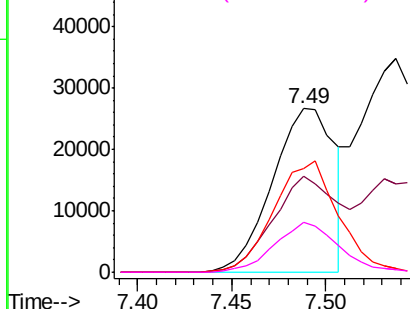
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

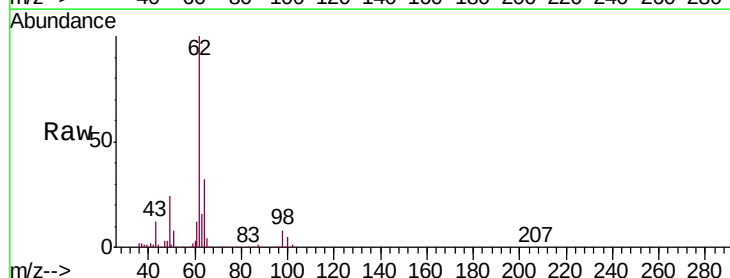
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 71.435 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

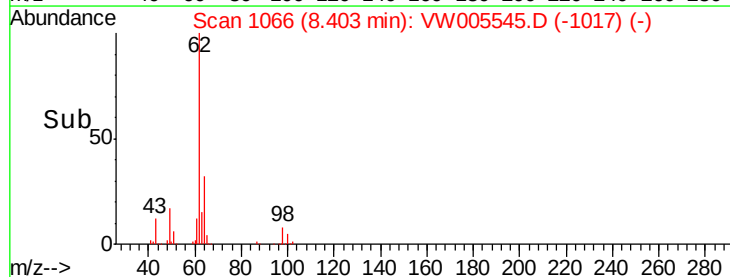
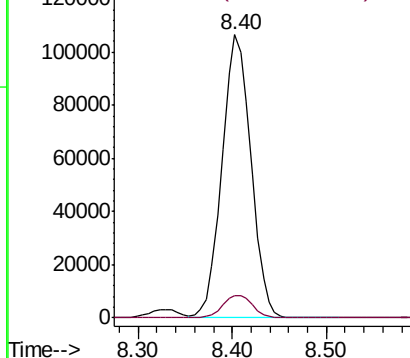
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.6

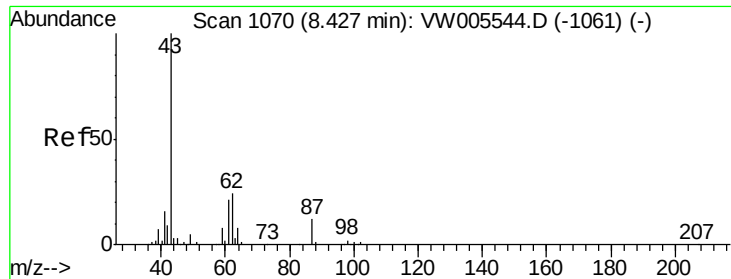


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





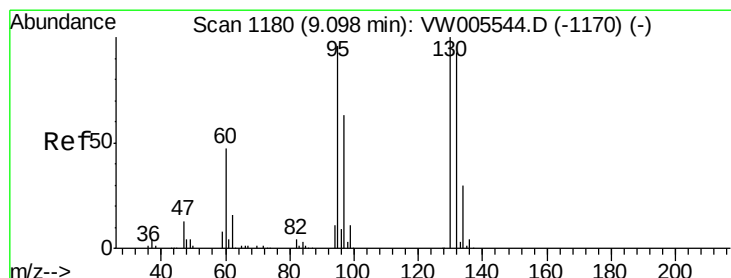
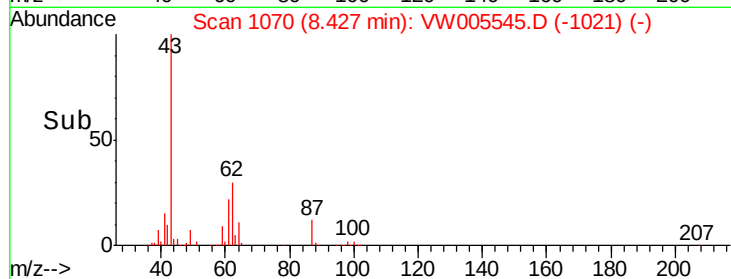
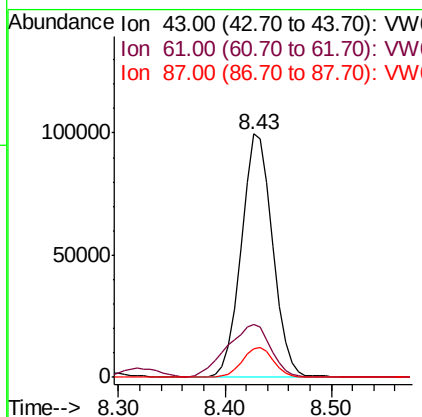
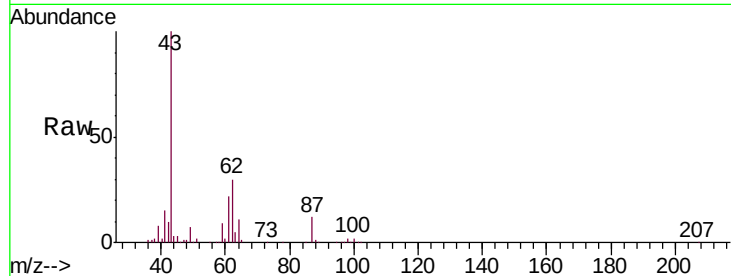
#43
Isopropyl Acetate
Concen: 74.295 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.8	24.1	36.1
87	12.3	9.8	14.8

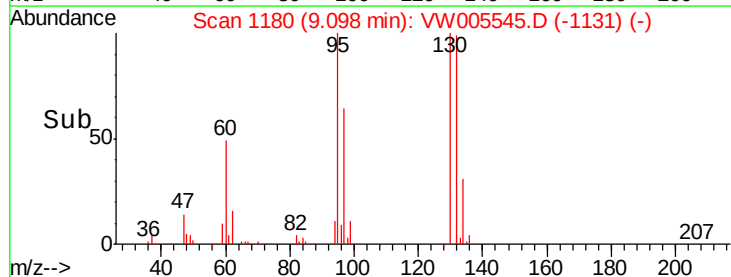
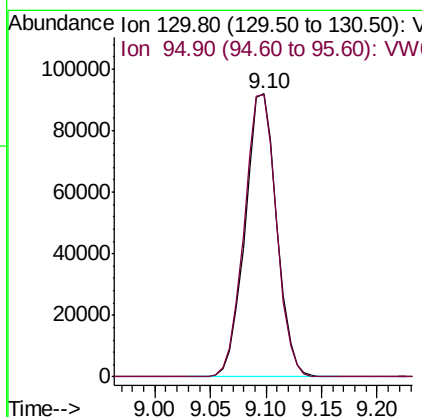
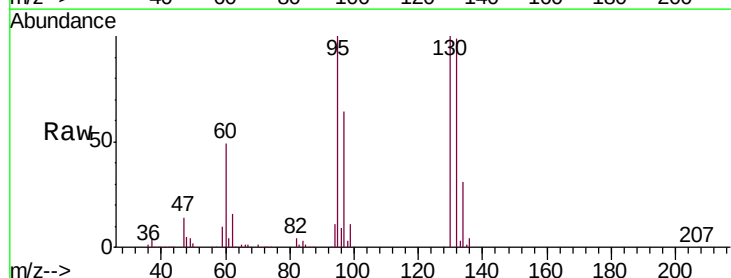
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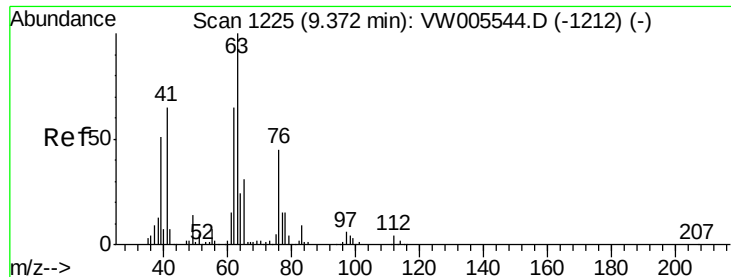
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#44
Trichloroethene
Concen: 69.990 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	191.2





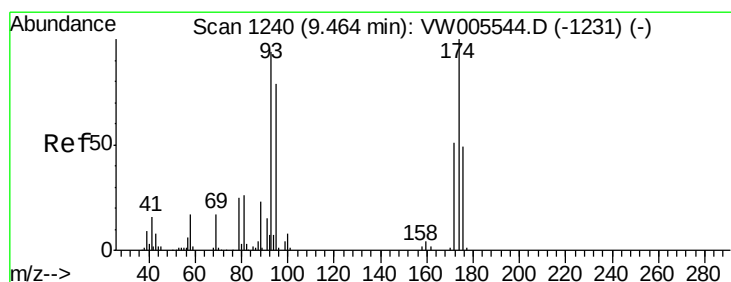
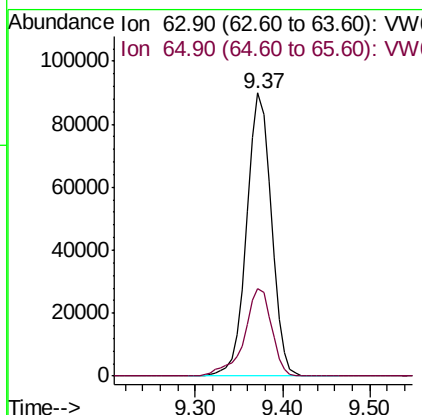
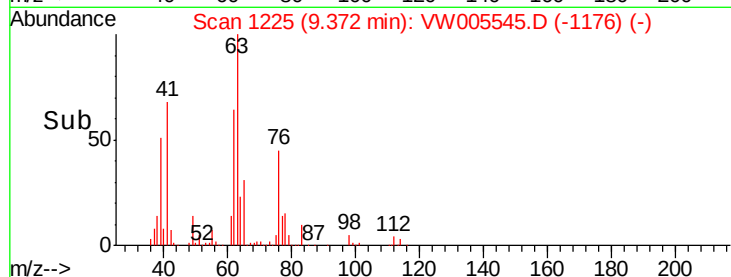
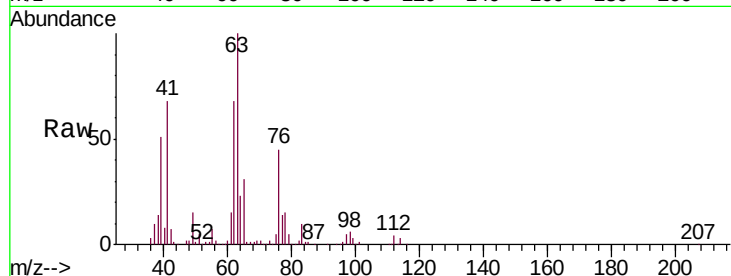
#45
 1,2-Dichloropropane
 Concen: 72.727 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tgt Ion: 63 Resp: 176249
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1

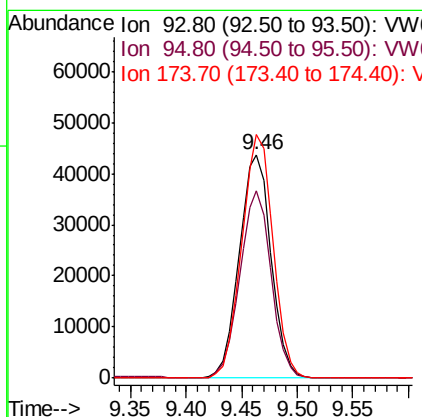
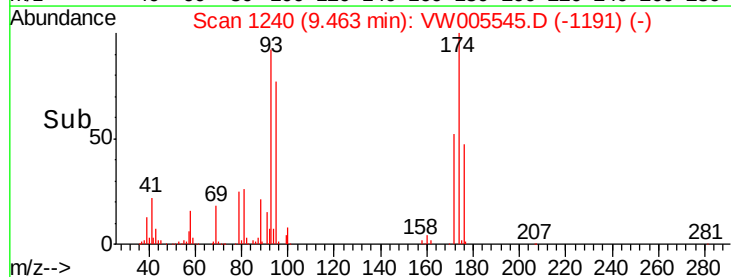
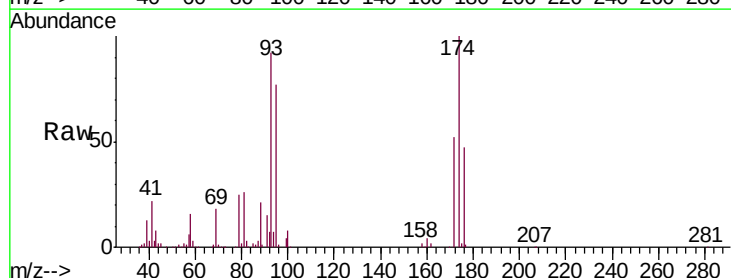
Manual Integrations
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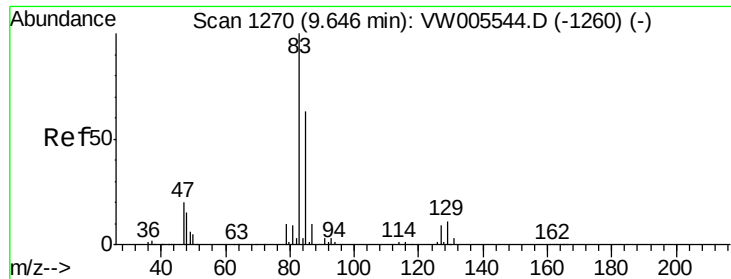
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#46
 Dibromomethane
 Concen: 72.250 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion: 93 Resp: 86527
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.8
 174 107.7 84.0 126.0





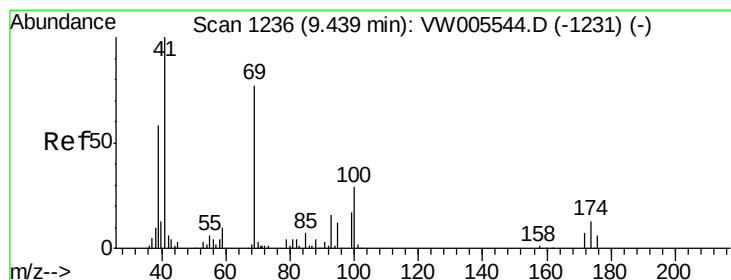
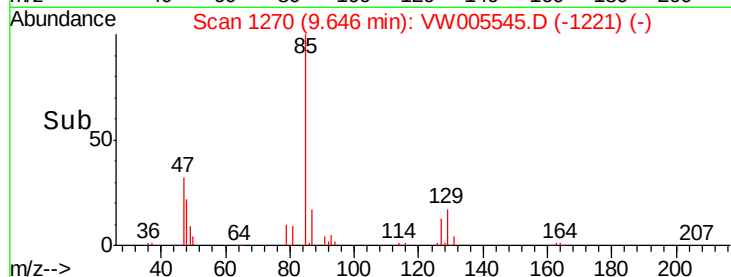
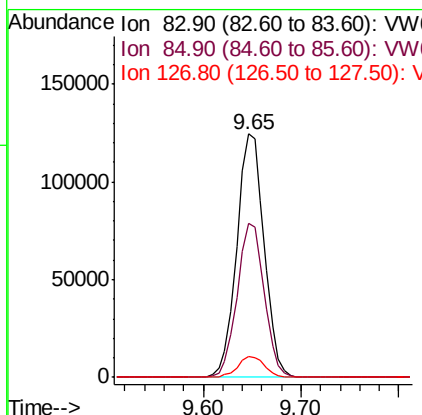
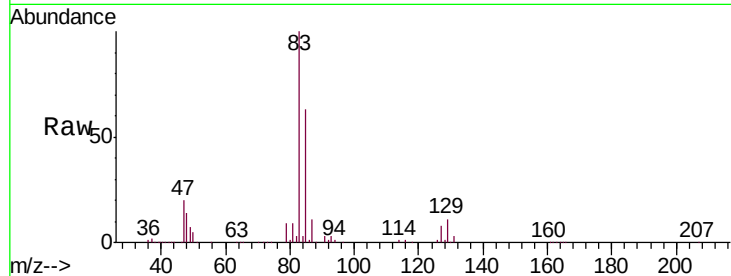
#47
 Bromodichloromethane
 Concen: 74.316 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.5	75.7
127	8.5	7.0	10.6

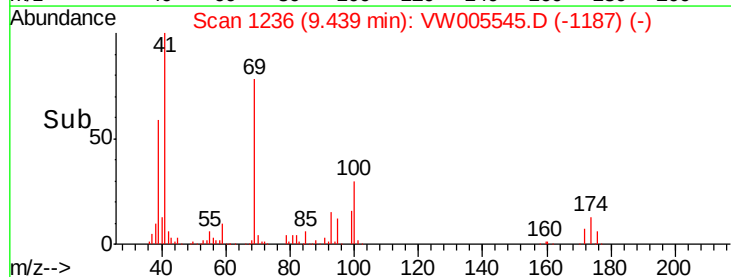
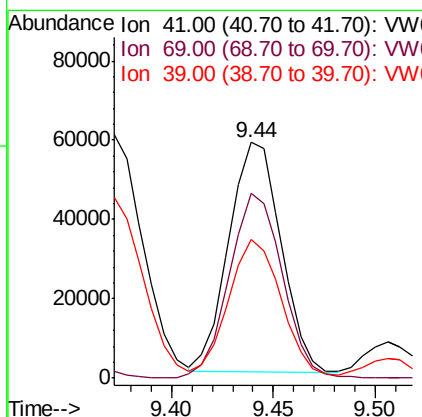
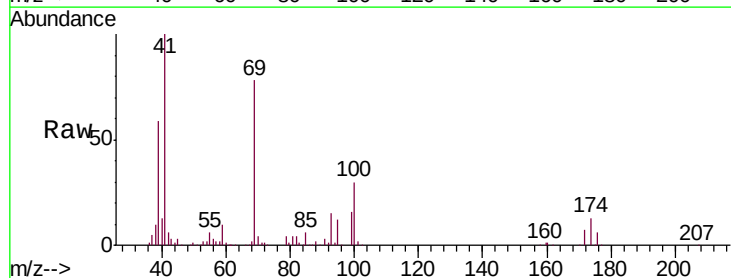
Manual Integrations
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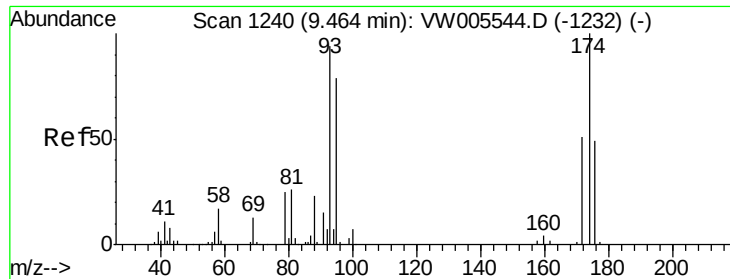
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#48
 Methyl methacrylate
 Concen: 74.915 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.7	64.7	97.1
39	57.9	50.5	75.7





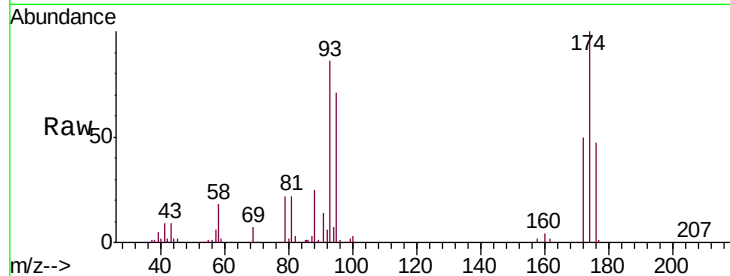
#49
1,4-Dioxane
Concen: 1428.947 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	27820		
43	0.0	0.0	0.0	0.0
58	75.2	61.2	91.8	

Manual Integrations
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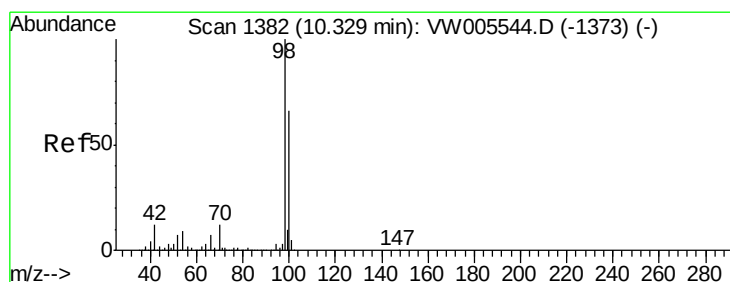
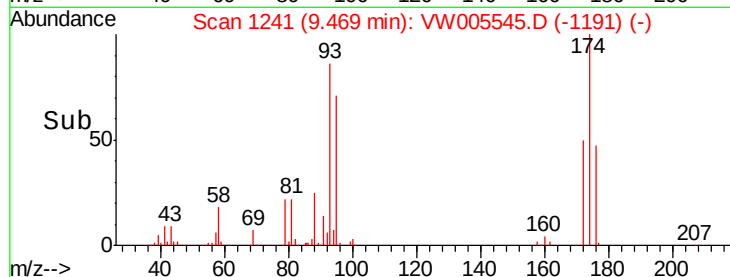
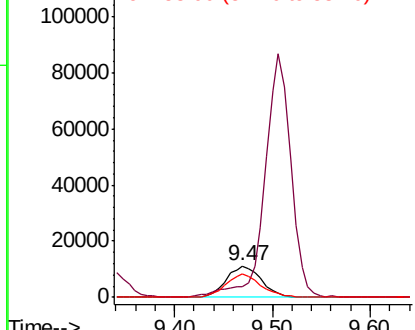


Abundance

Ion 88.00 (87.70 to 88.70): VW

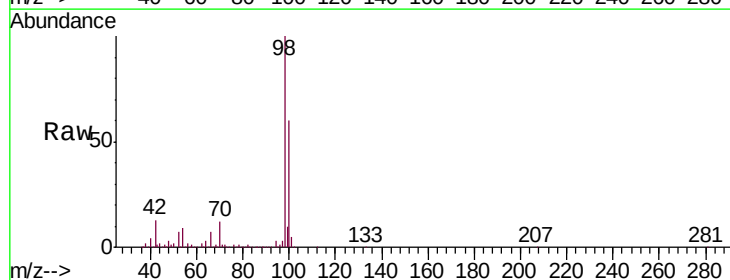
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 72.550 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

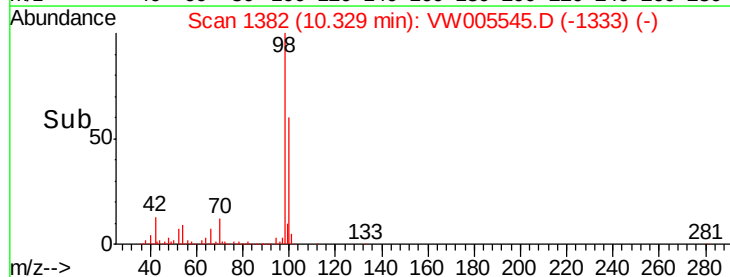
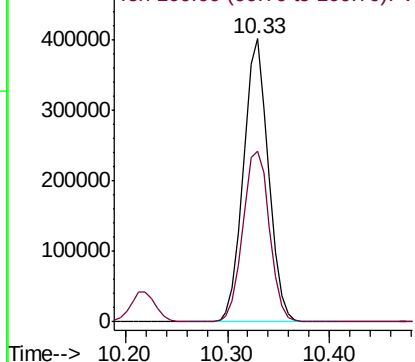
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	680446		
100	64.3	51.6	77.4	

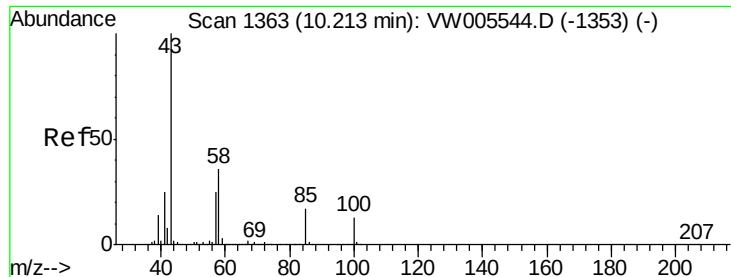


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





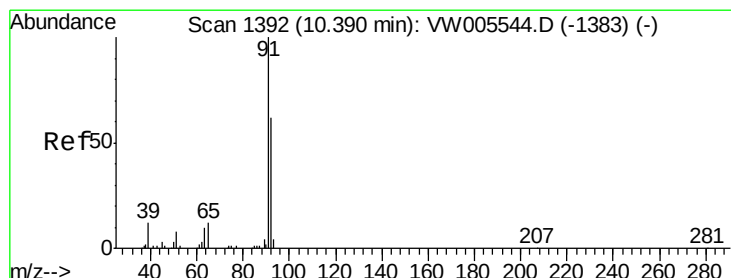
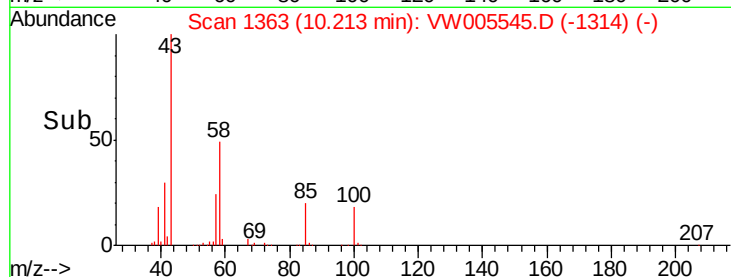
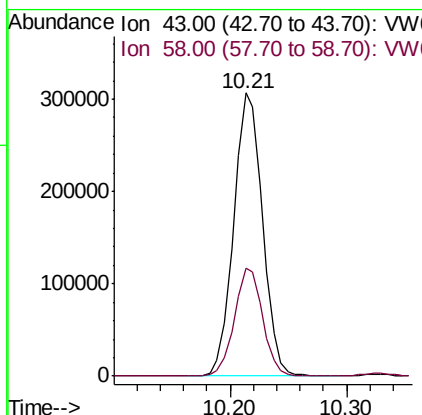
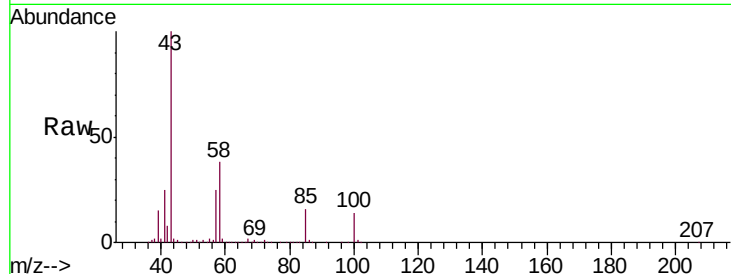
#51
 4-Methyl-2-Pentanone
 Concen: 371.920 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 43 Resp: 528470
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.0 45.0

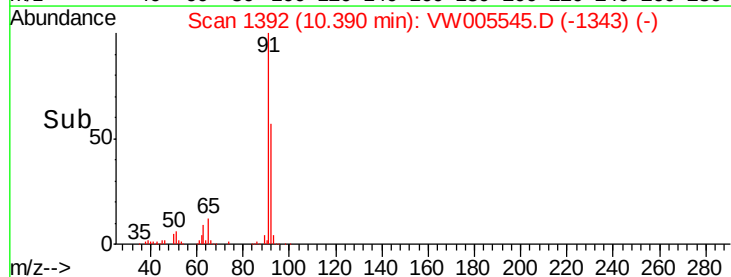
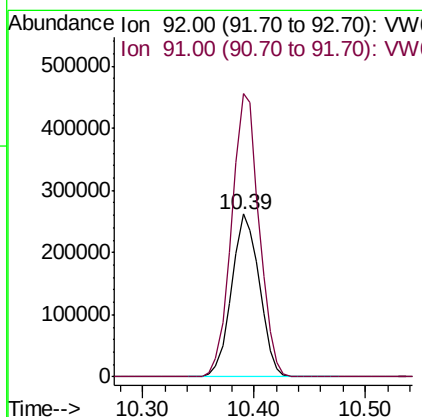
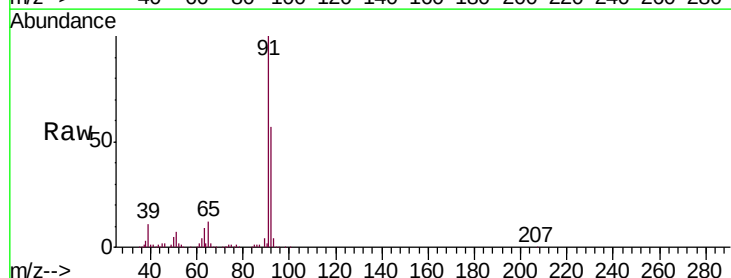
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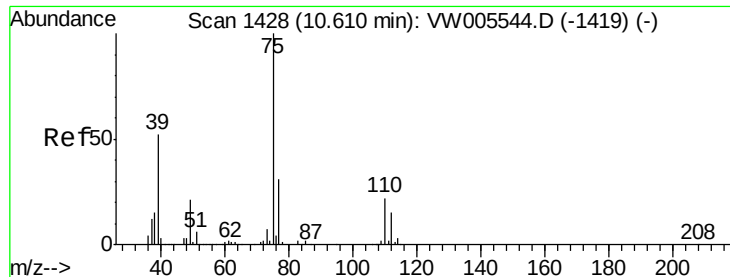
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#52
 Toluene
 Concen: 67.017 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion: 92 Resp: 450113
 Ion Ratio Lower Upper
 92 100
 91 172.7 137.1 205.7





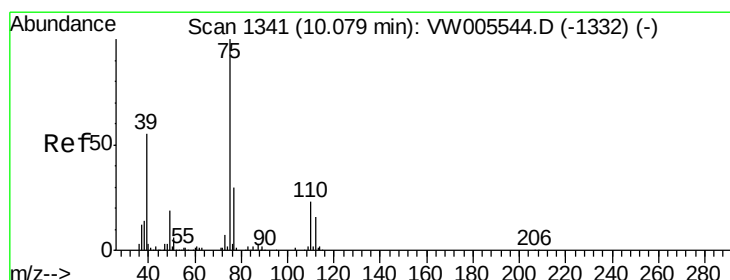
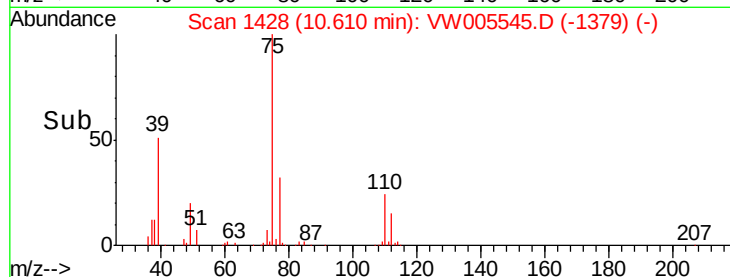
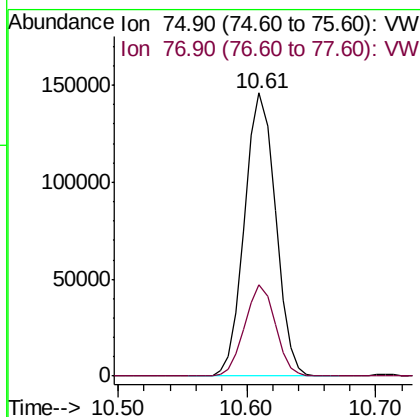
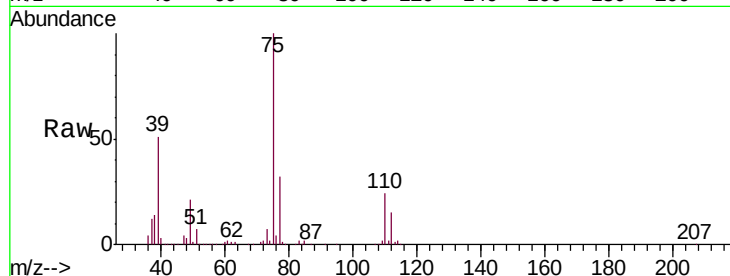
#53
 t-1,3-Dichloropropene
 Concen: 75.193 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion: 75 Resp: 243587
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 37.0

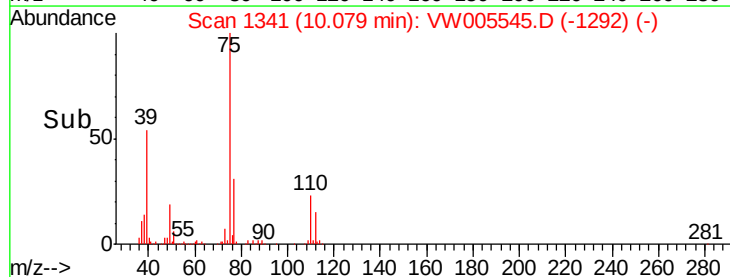
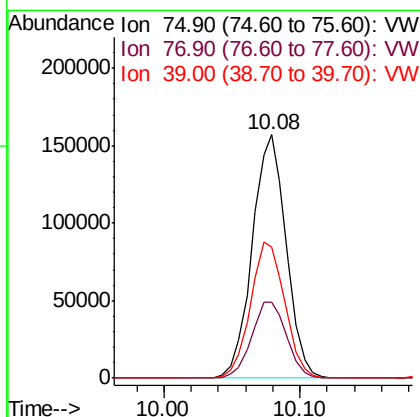
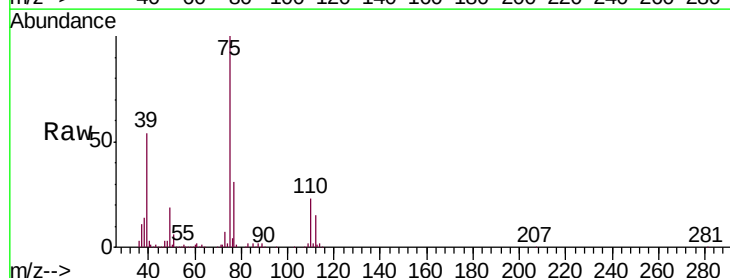
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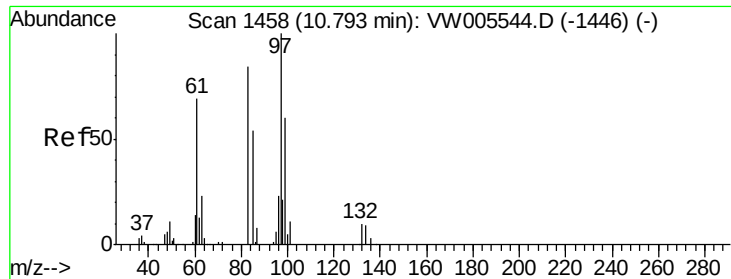
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#54
 cis-1,3-Dichloropropene
 Concen: 74.690 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion: 75 Resp: 273817
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.3 36.5
 39 53.8 43.7 65.5





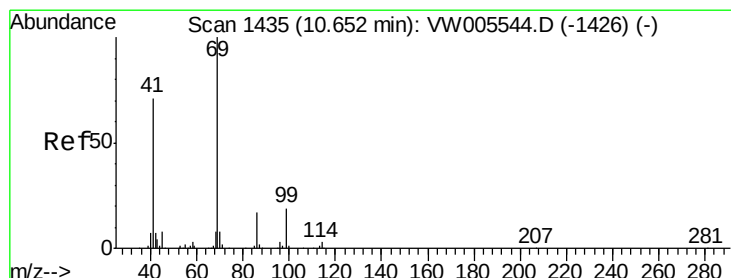
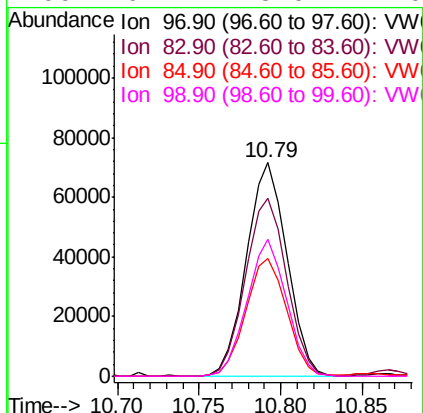
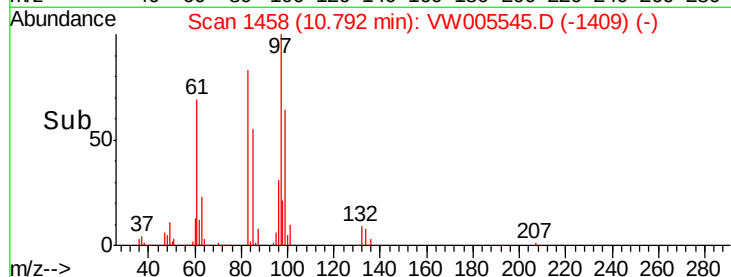
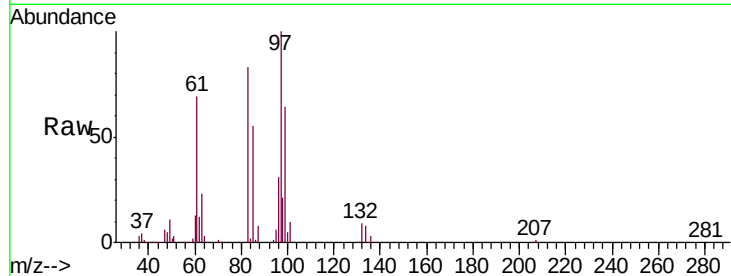
#55
 1,1,2-Trichloroethane
 Concen: 69.876 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	123585		
83	83.4	67.4	101.2	
85	55.2	43.3	64.9	
99	64.2	48.0	72.0	

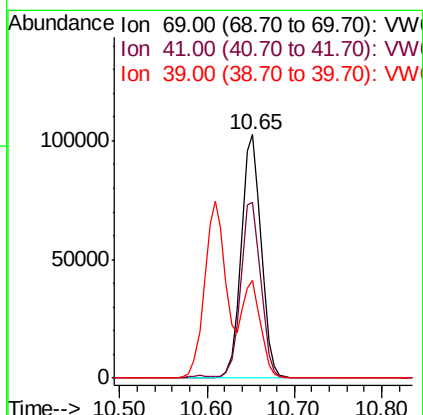
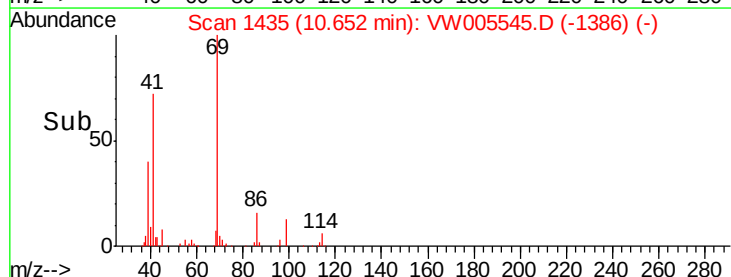
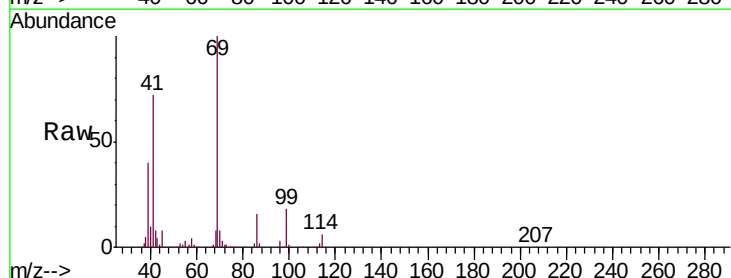
Manual Integrations
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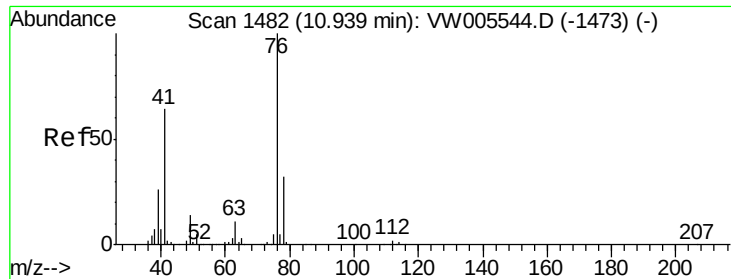
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#56
 Ethyl methacrylate
 Concen: 73.623 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	163001		
41	72.5	57.3	85.9	
39	36.1	29.2	43.8	





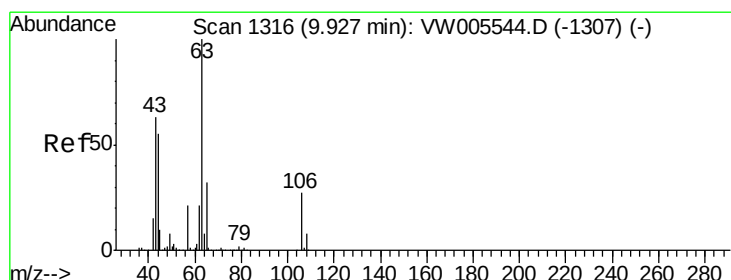
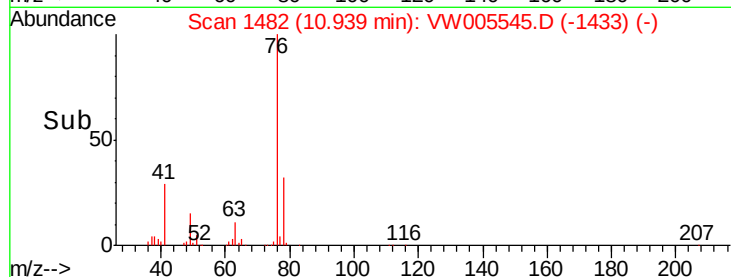
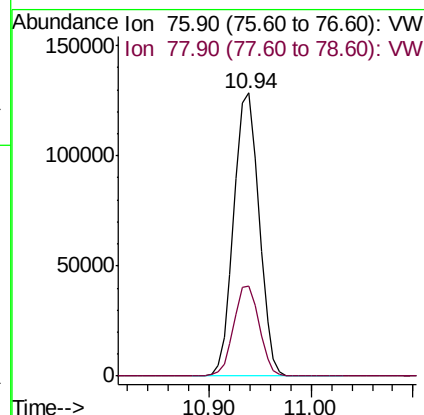
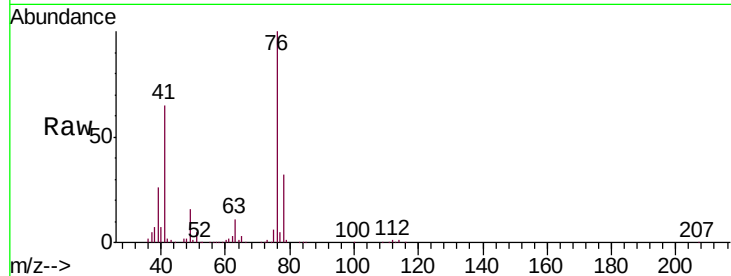
#57
 1,3-Dichloropropane
 Concen: 72.376 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.6	38.4

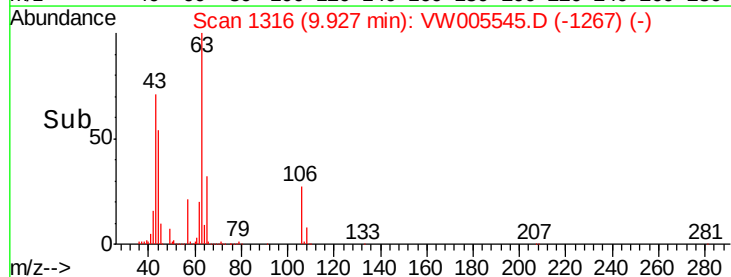
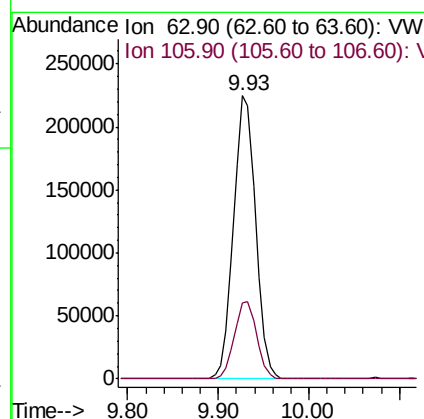
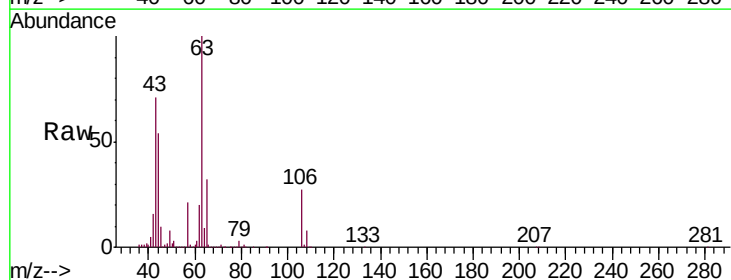
Manual Integrations
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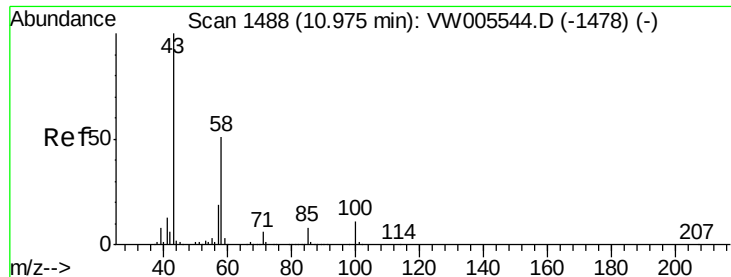
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#58
 2-Chloroethyl Vinyl ether
 Concen: 377.619 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.6	32.4





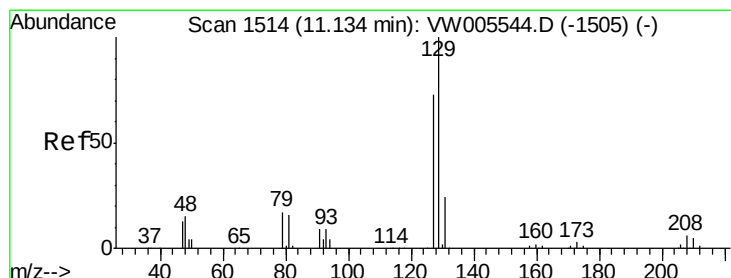
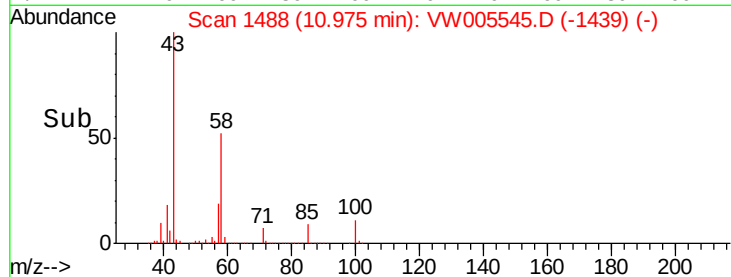
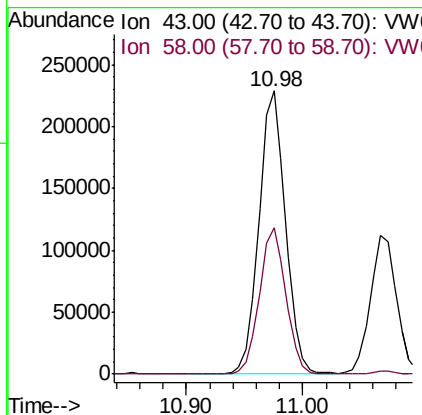
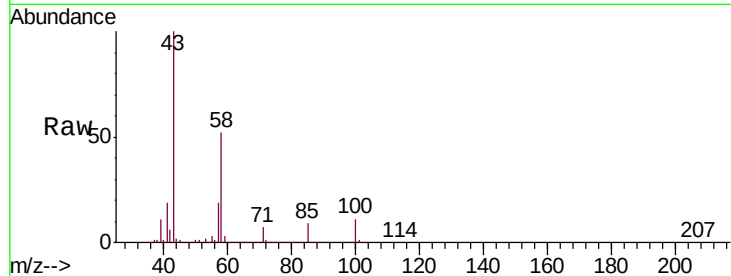
#59
2-Hexanone
Concen: 374.770 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 361376
Ion Ratio Lower Upper
43 100
58 51.6 25.3 75.9

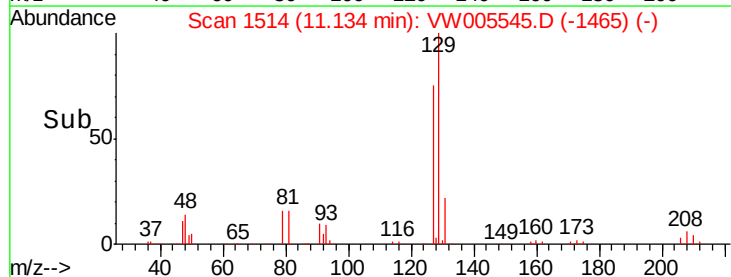
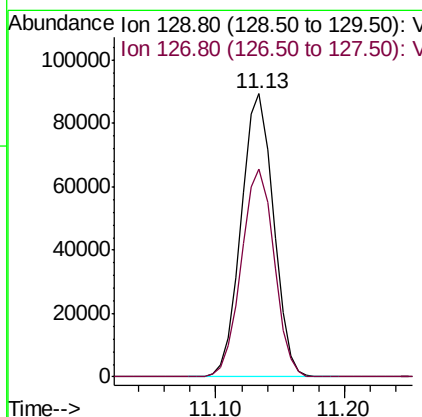
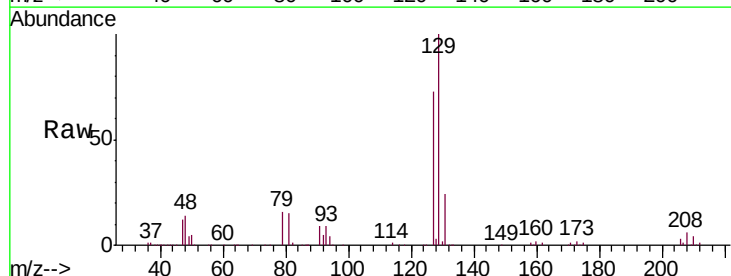
Manual Integrations
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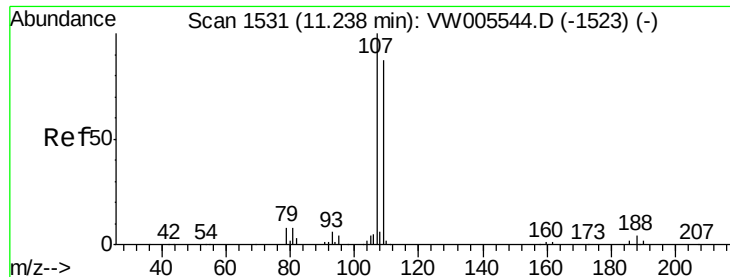
apatel
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#60
Dibromochloromethane
Concen: 73.048 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion: 129 Resp: 155214
Ion Ratio Lower Upper
129 100
127 74.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 72.990 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 107 Resp: 116171

Ion Ratio Lower Upper

107 100

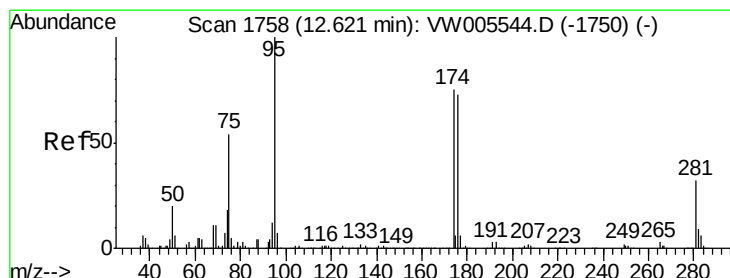
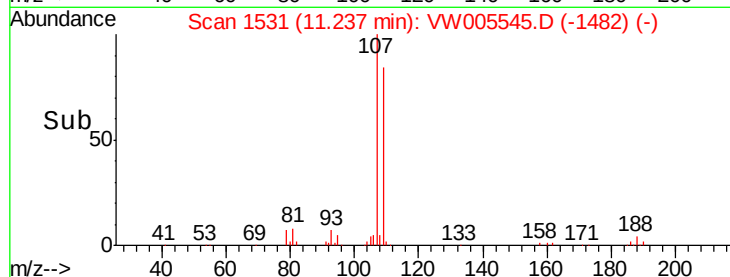
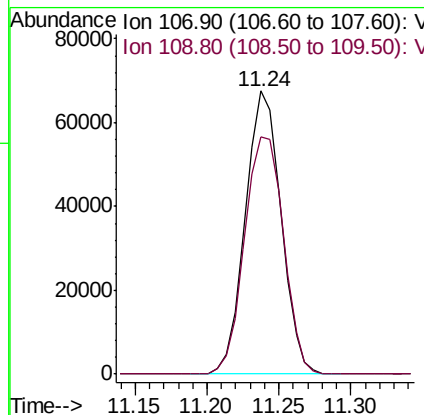
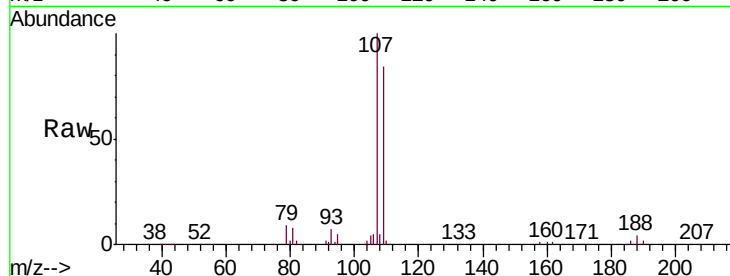
109 91.5 73.4 110.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 74.016 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

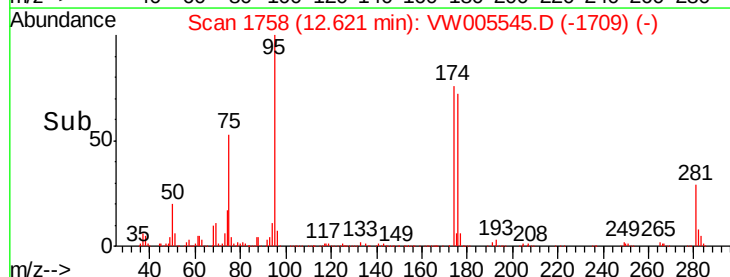
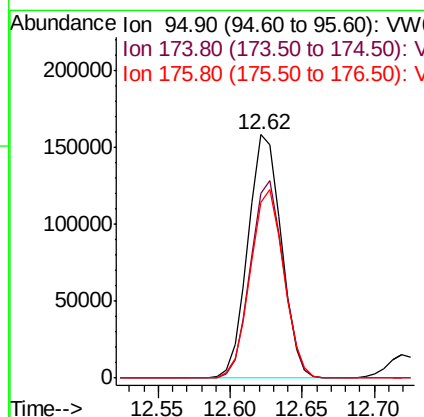
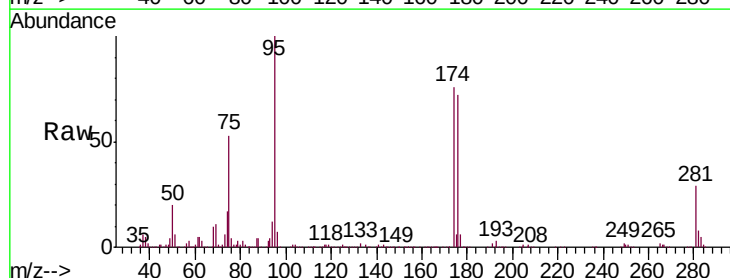
Tgt Ion: 95 Resp: 254015

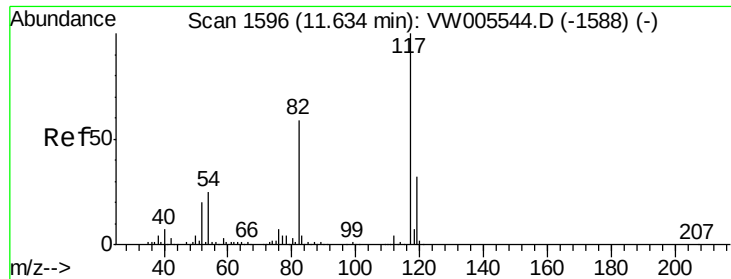
Ion Ratio Lower Upper

95 100

174 80.3 0.0 163.8

176 77.4 0.0 158.0





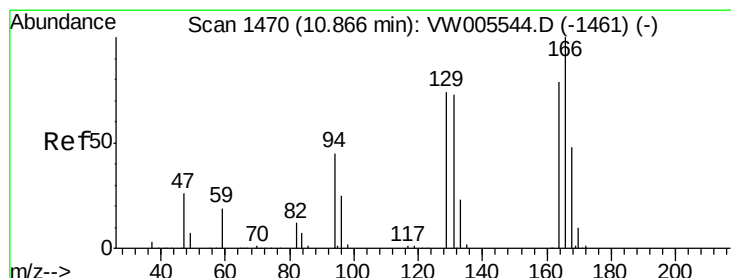
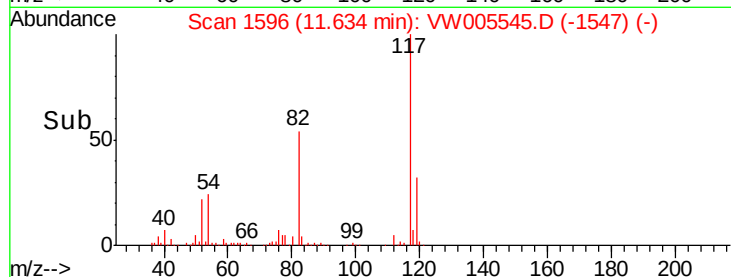
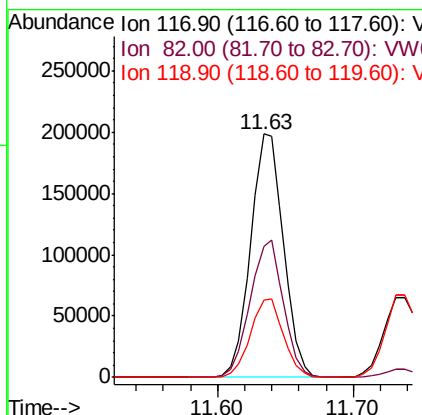
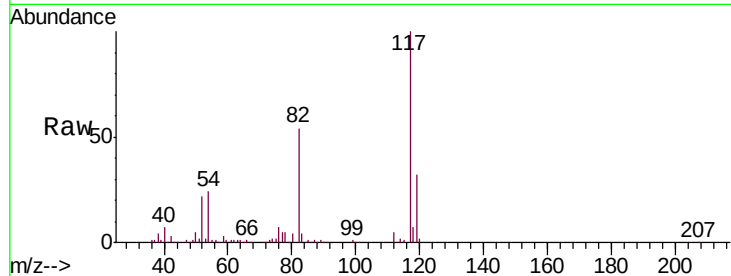
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	337407		
82	53.8	46.9	70.3	
119	31.9	25.7	38.5	

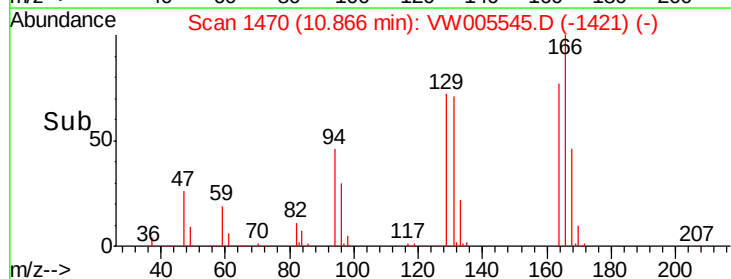
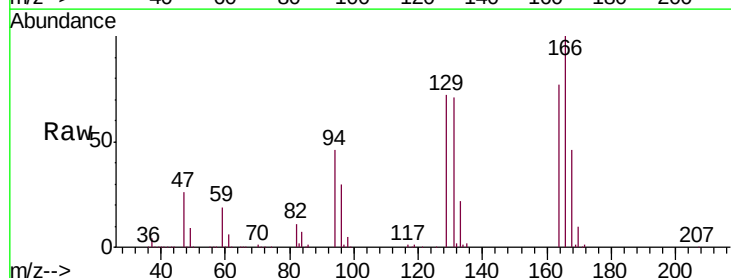
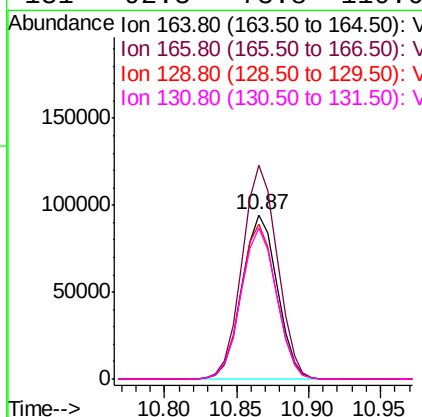
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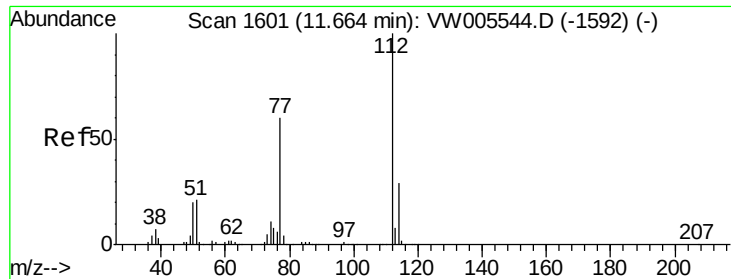
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#64
Tetrachloroethene
Concen: 64.681 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	160362		
166	130.3	101.1	151.7	
129	94.3	74.4	111.6	
131	92.3	73.8	110.6	





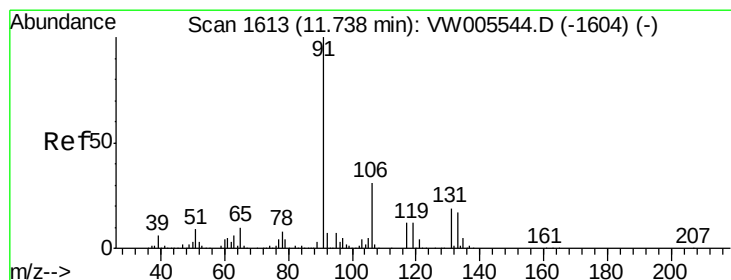
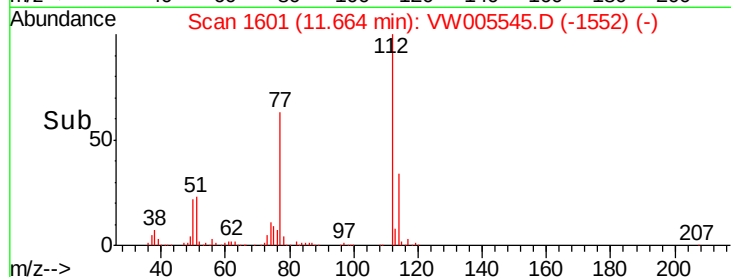
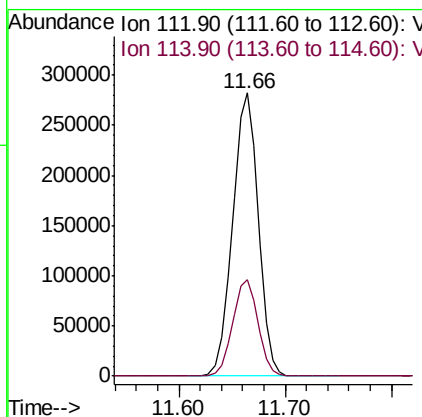
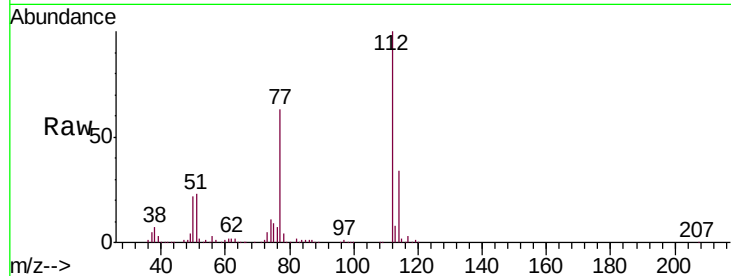
#65
Chlorobenzene
Concen: 66.377 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:112 Resp: 477677
Ion Ratio Lower Upper
112 100
114 33.9 22.9 34.3

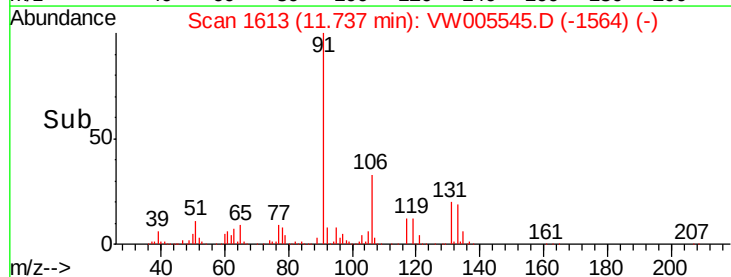
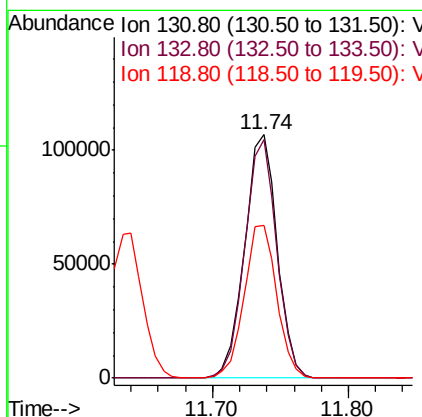
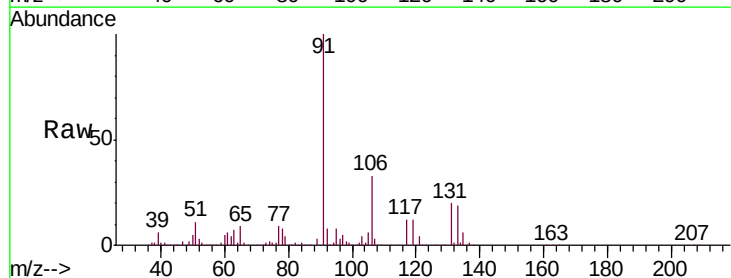
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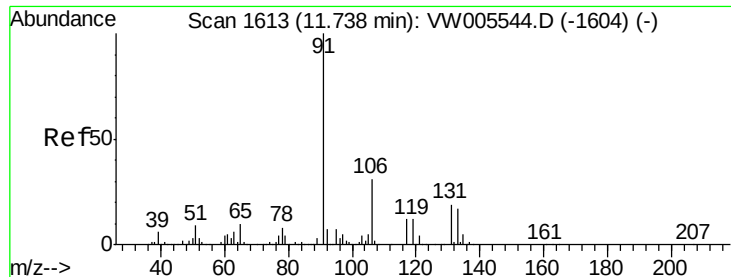
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#66
1,1,1,2-Tetrachloroethane
Concen: 76.085 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion:131 Resp: 178949
Ion Ratio Lower Upper
131 100
133 96.4 47.2 141.6
119 63.1 31.1 93.2





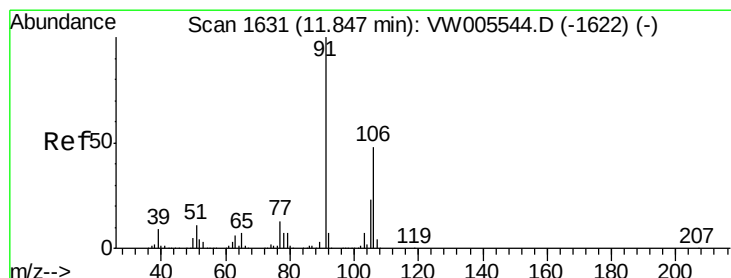
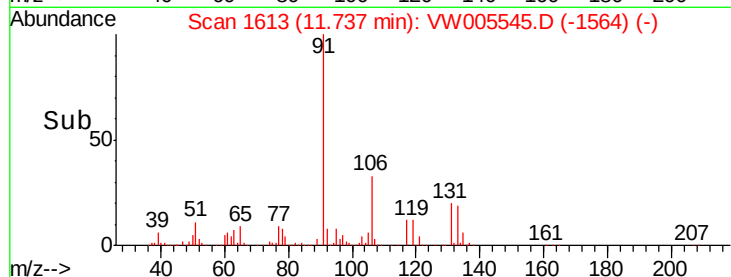
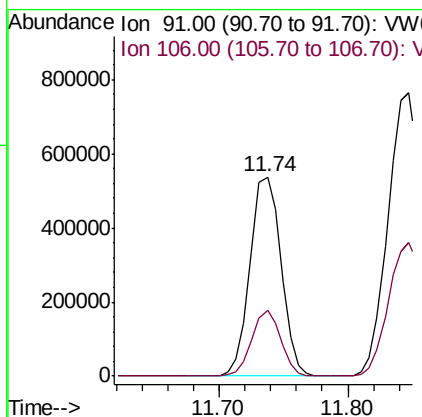
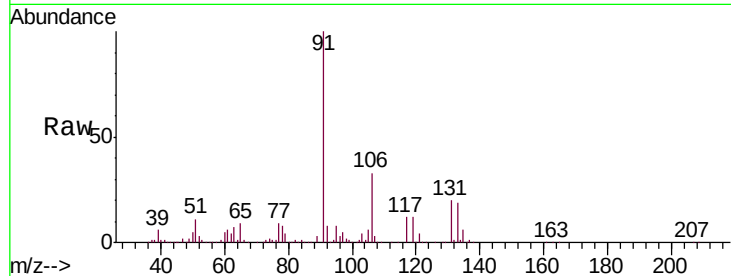
#67
Ethyl Benzene
Concen: 70.674 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion: 91 Resp: 894656
Ion Ratio Lower Upper
91 100
106 33.1 24.4 36.6

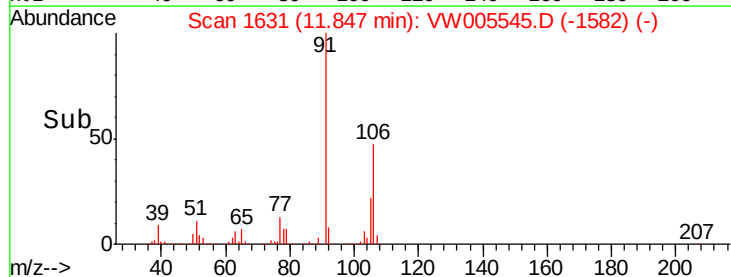
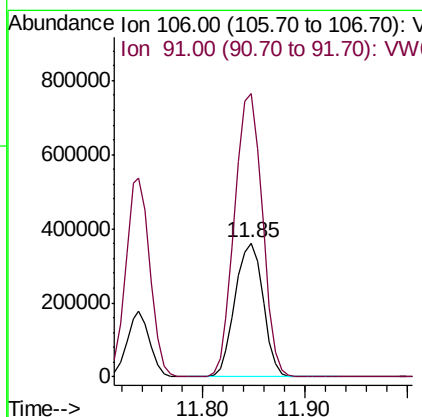
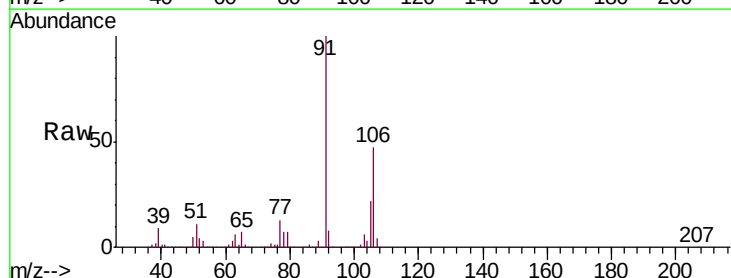
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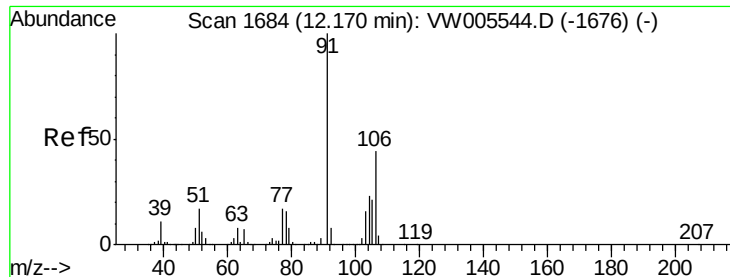
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#68
m/p-Xylenes
Concen: 141.989 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion: 106 Resp: 690210
Ion Ratio Lower Upper
106 100
91 209.5 167.8 251.8





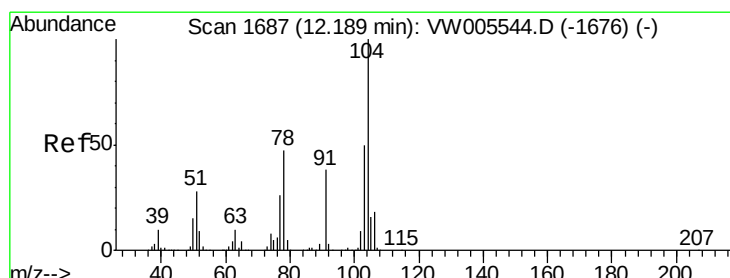
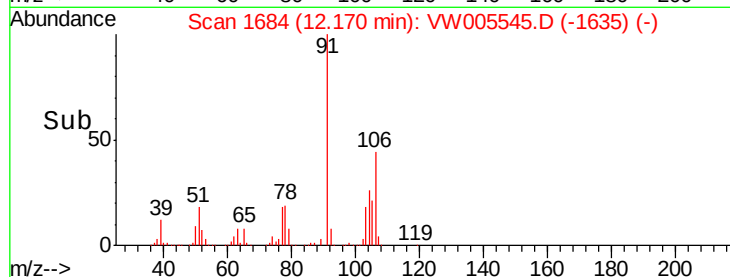
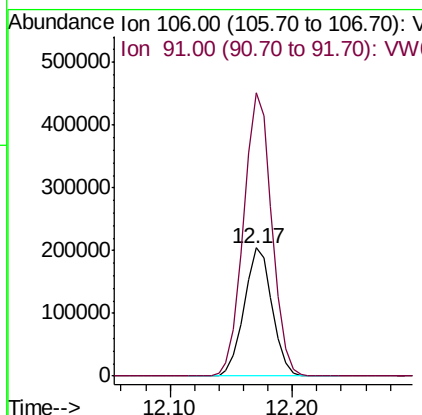
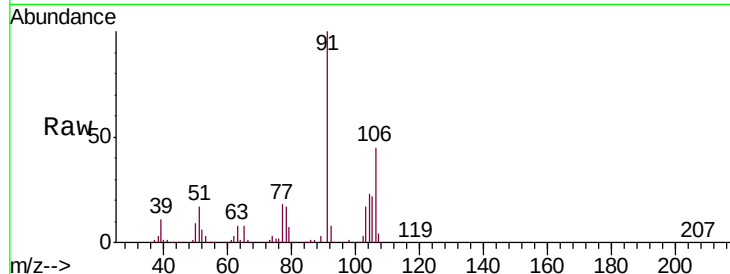
#69
o-Xylene
Concen: 71.839 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 325092
Ion Ratio Lower Upper
106 100
91 221.8 111.0 333.0

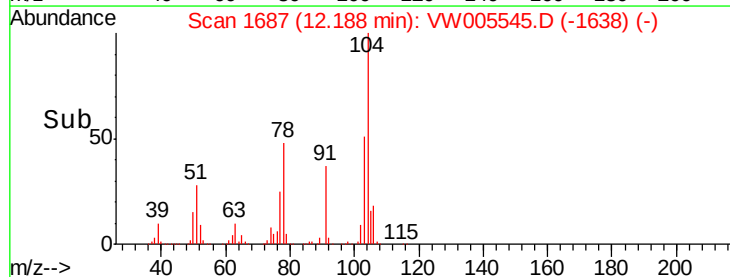
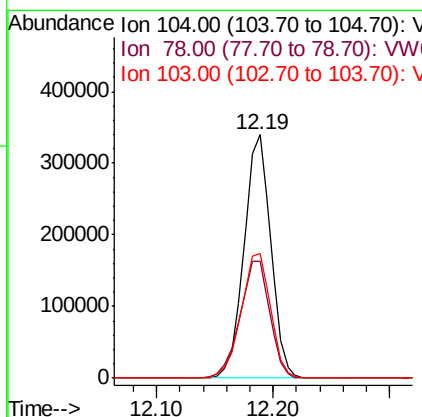
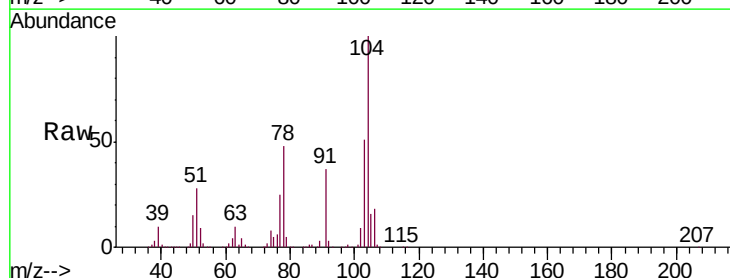
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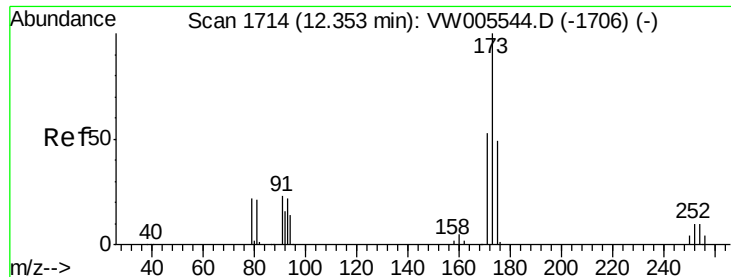
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#70
Styrene
Concen: 72.781 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion:104 Resp: 545704
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 56.3 44.6 66.8





#71

Bromoform

Concen: 75.844 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

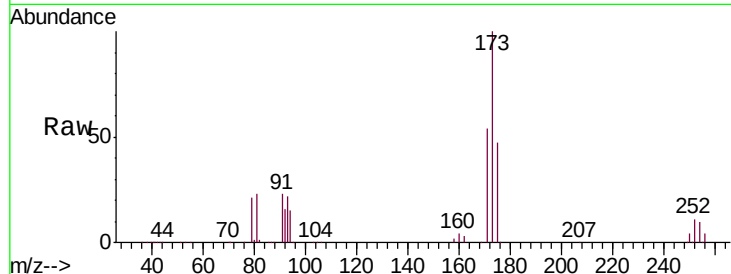
ClientSampleId :

VSTDIC075

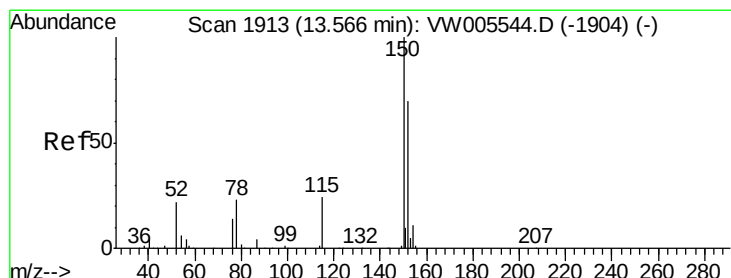
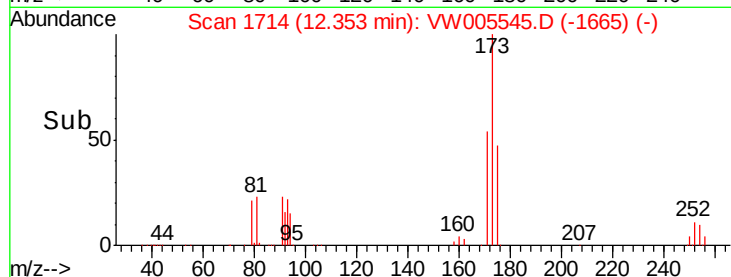
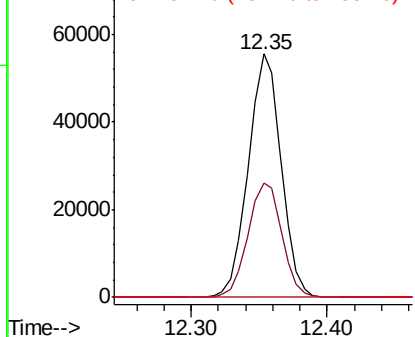
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	72.9
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

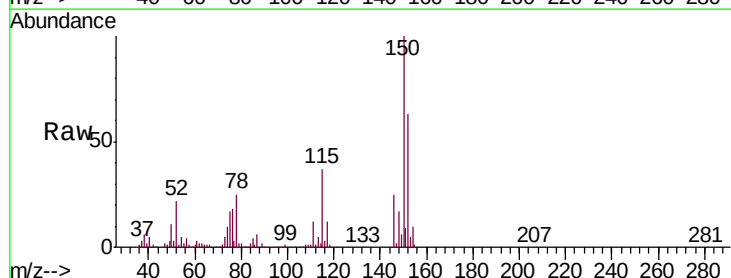
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

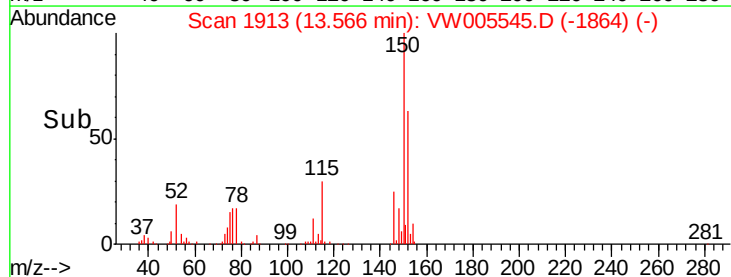
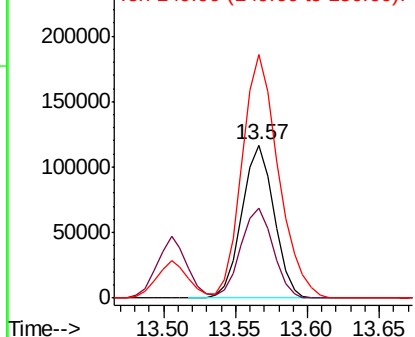
Lab File: VW005545.D

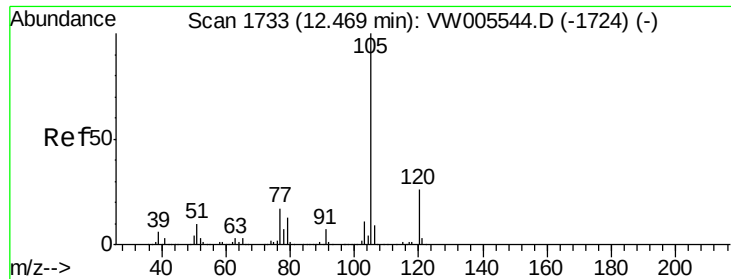
Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.0	90.0
150	180.5	0.0	348.6



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





#73

Isopropylbenzene

Concen: 73.101 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 105 Resp: 929800

Ion Ratio Lower Upper

105 100

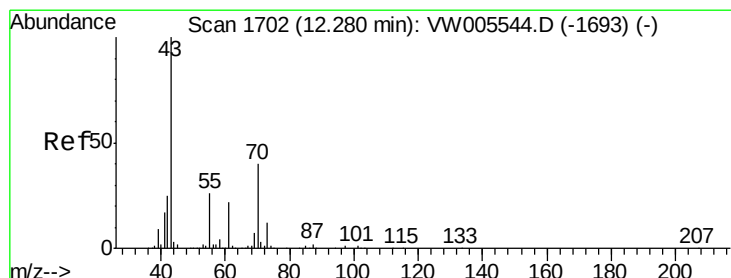
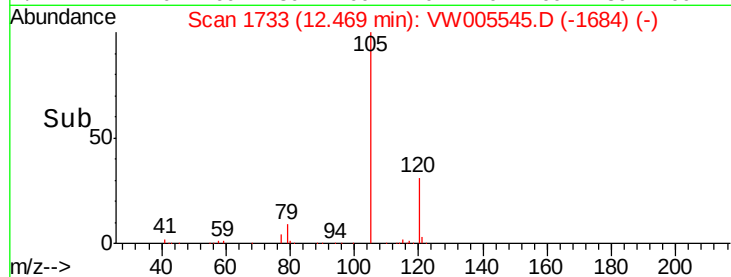
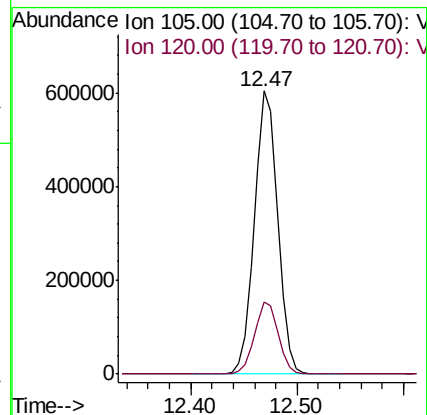
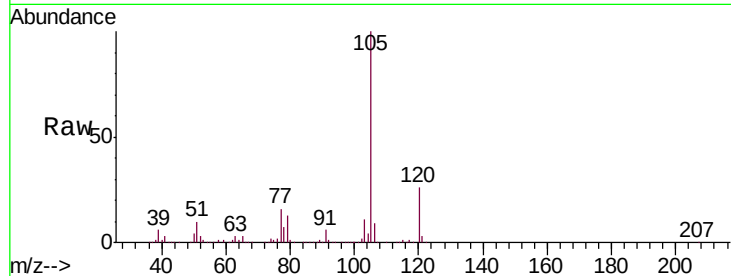
120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 74.233 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Tgt Ion: 43 Resp: 200205

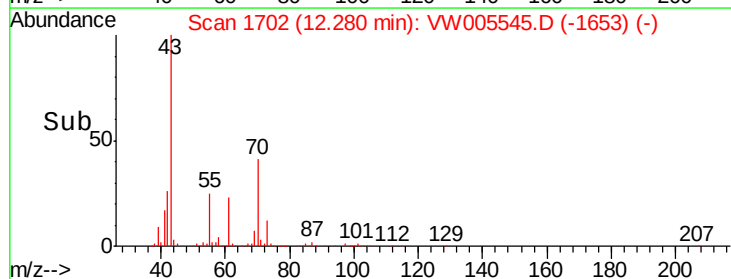
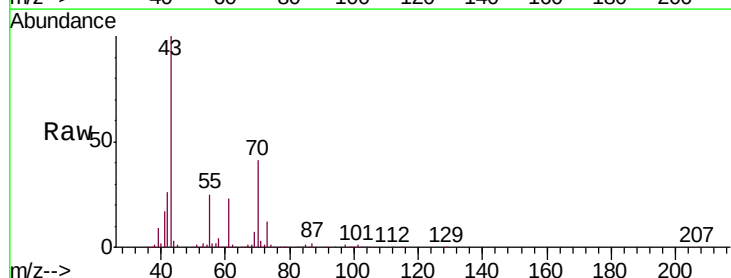
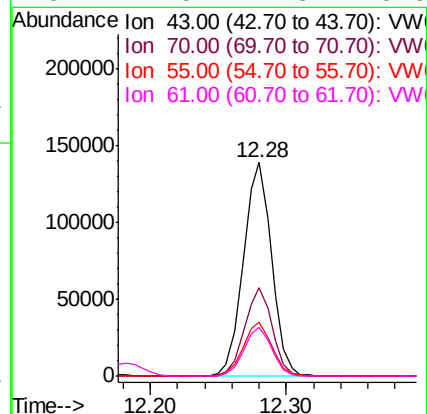
Ion Ratio Lower Upper

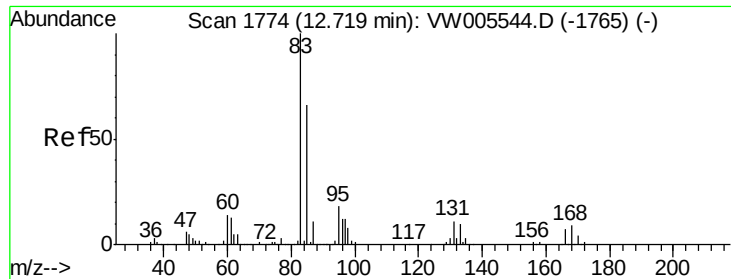
43 100

70 40.4 31.4 47.0

55 25.6 20.9 31.3

61 22.5 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 75.203 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

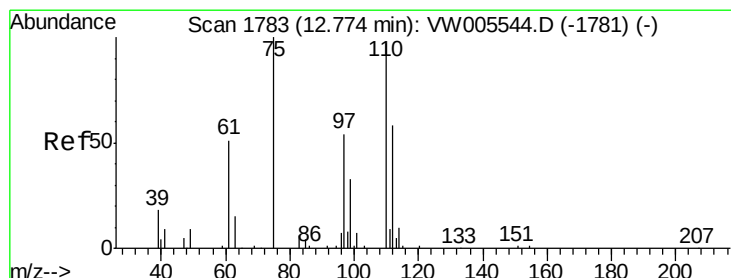
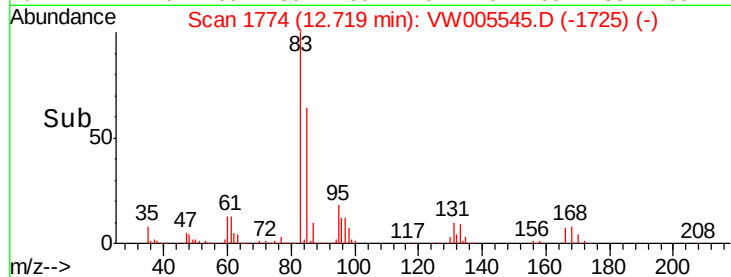
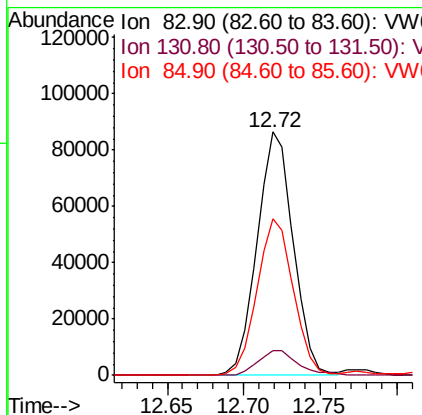
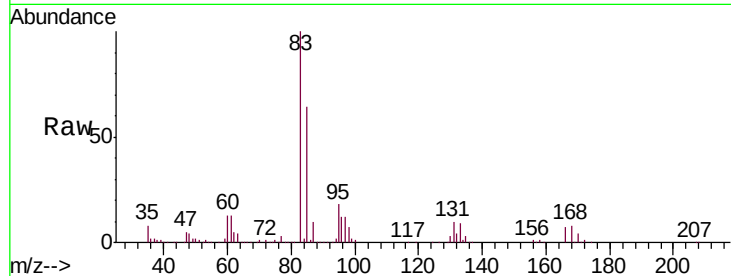
ClientSampled :

VSTDIC075

Tgt Ion:	83	Resp:	142427
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.7
85	64.3	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 68.056 ug/l m

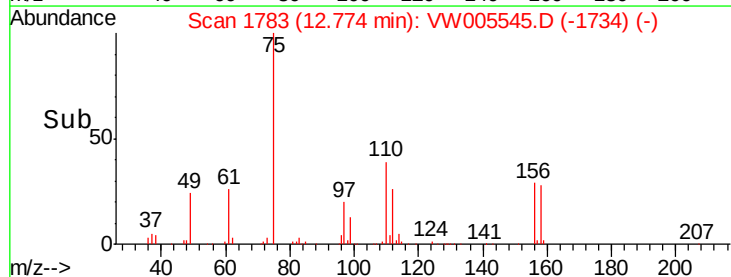
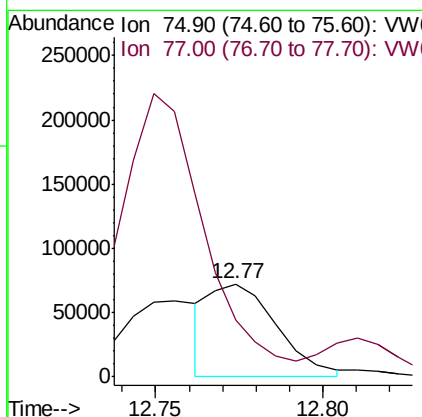
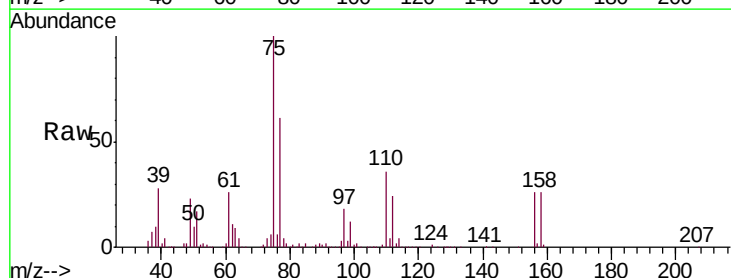
RT: 12.77 min Scan# 1783

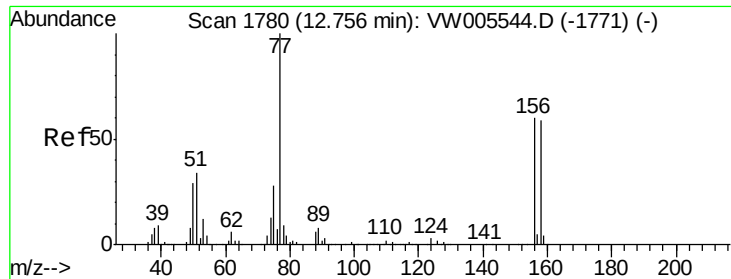
Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Tgt Ion:	75	Resp:	102403
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 68.707 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

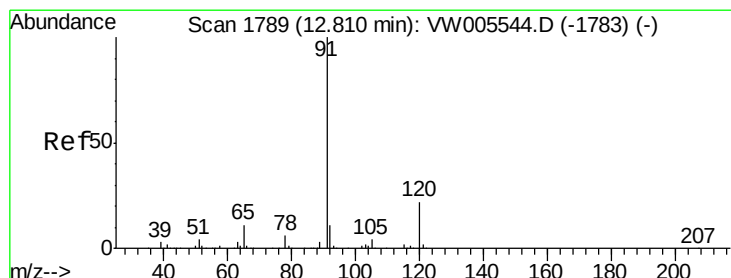
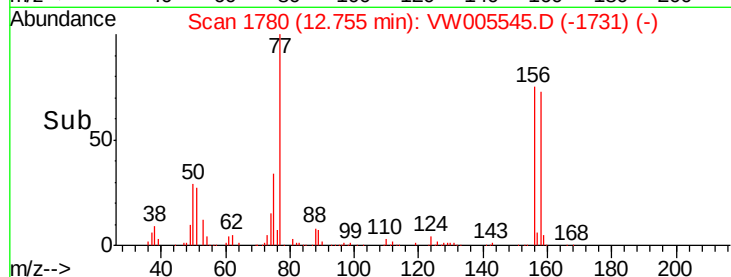
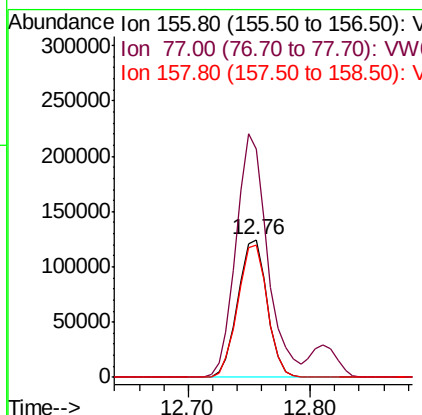
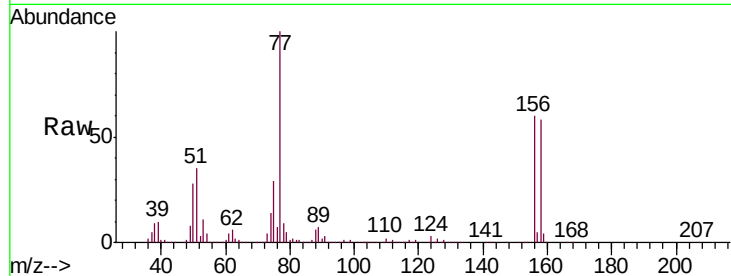
ClientSampleId :

VSTDIC075

Tgt Ion:	156	Resp:	205955
Ion Ratio	Lower	Upper	
156	100		
77	190.6	94.7	284.1
158	97.4	48.0	144.2

Manual Integrations
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#78

n-propylbenzene

Concen: 73.118 ug/l

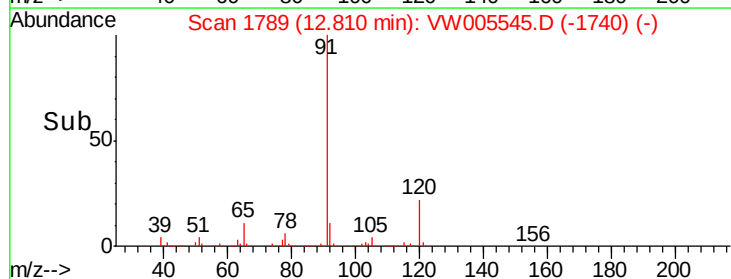
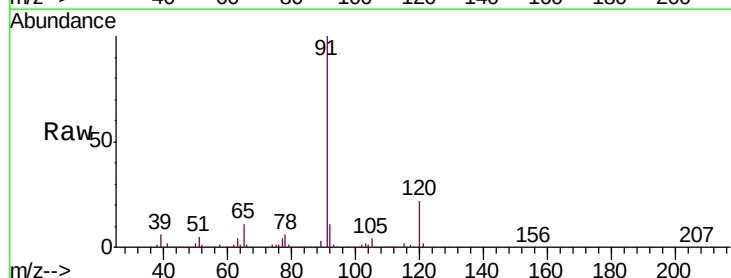
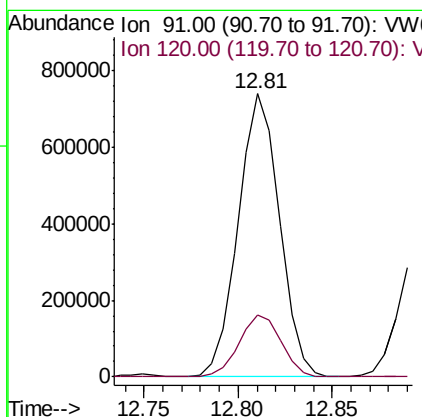
RT: 12.81 min Scan# 1789

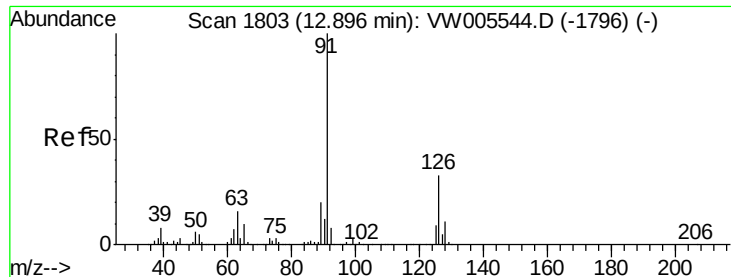
Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Tgt Ion:	91	Resp:	1121957
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.2	33.5





#79

2-Chlorotoluene

Concen: 71.267 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 91 Resp: 642802

Ion Ratio Lower Upper

91 100

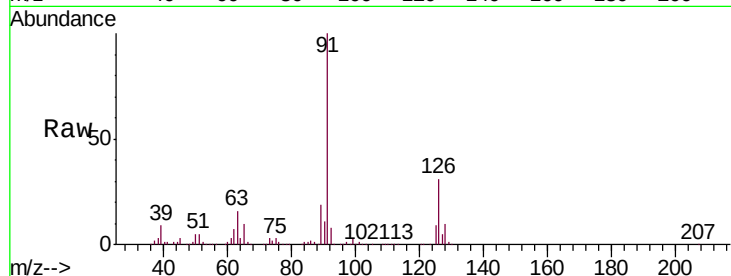
126 32.4 16.4 49.1

Manual Integrations

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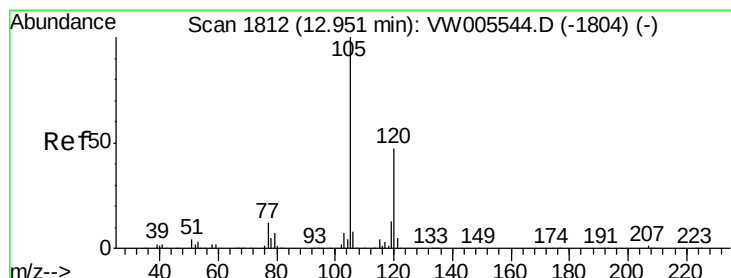
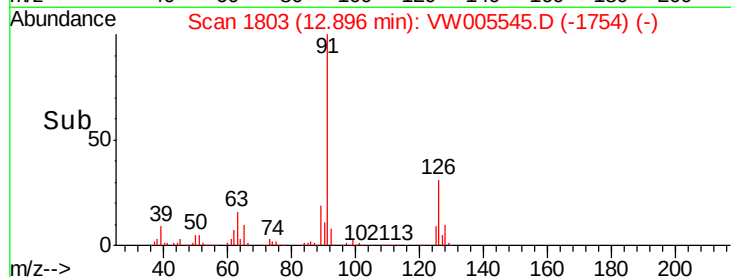
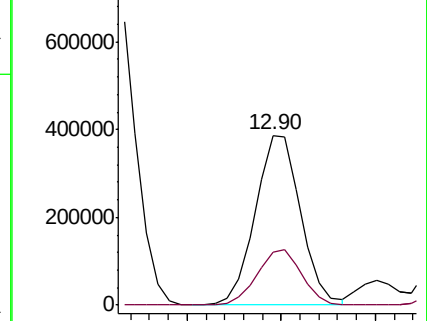
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 72.737 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005545.D

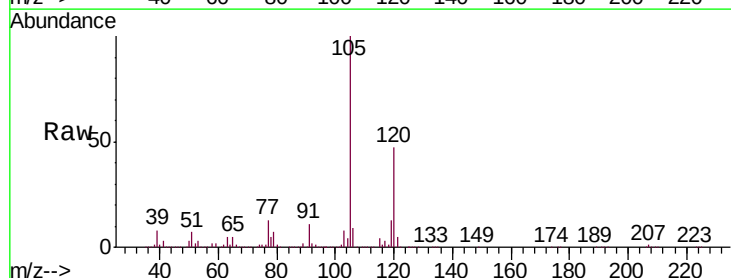
Acq: 20 Sep 2018 22:19

Tgt Ion: 105 Resp: 804842

Ion Ratio Lower Upper

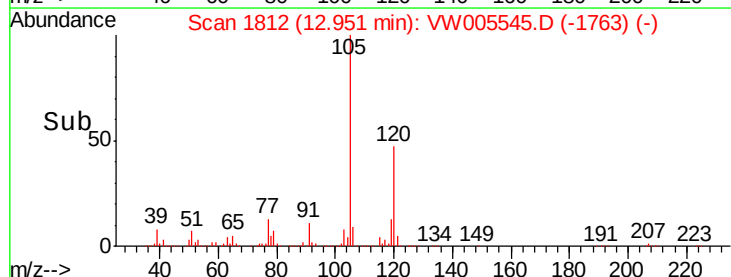
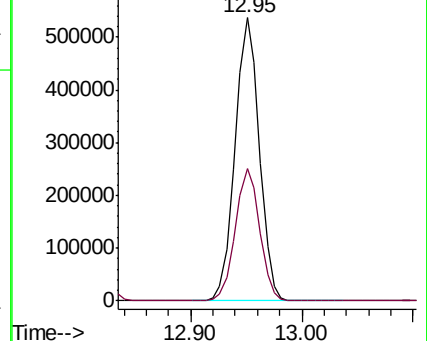
105 100

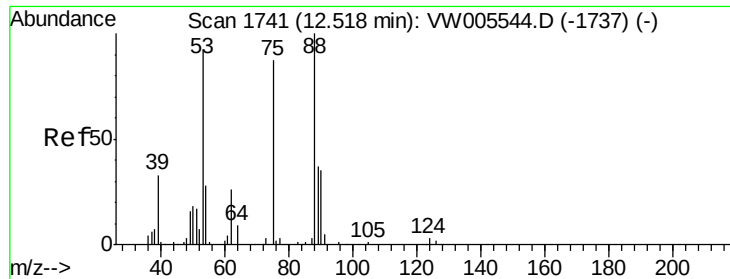
120 47.1 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





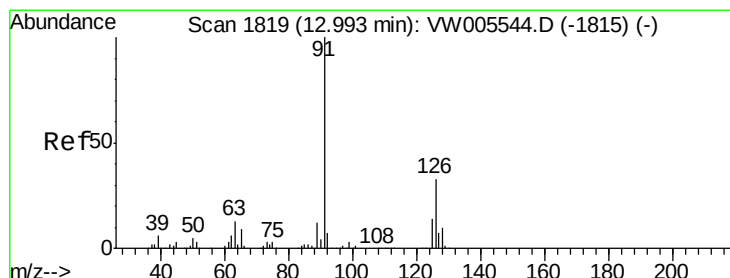
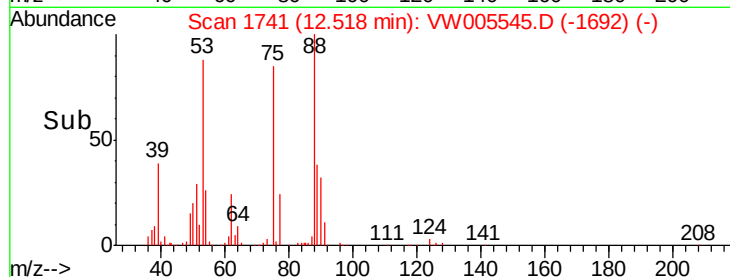
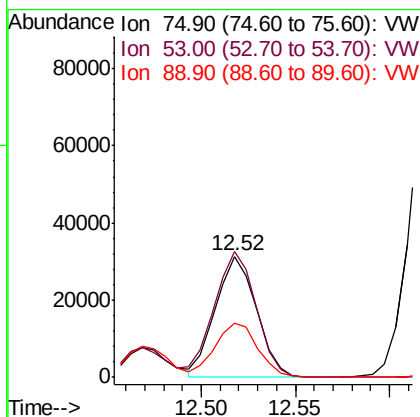
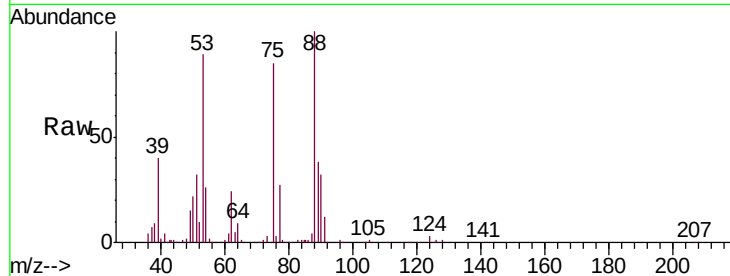
#81
trans-1,4-Dichloro-2-butene
Concen: 80.420 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
75	100		
53	107.2	85.8	128.6
89	46.6	37.3	55.9

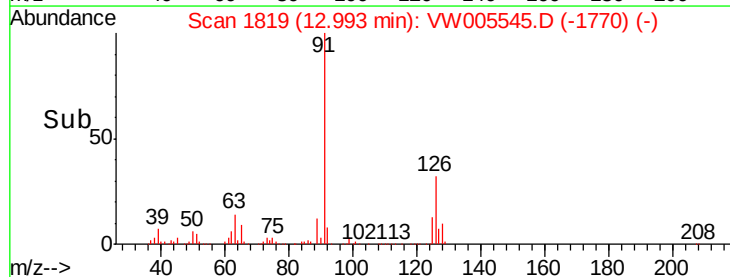
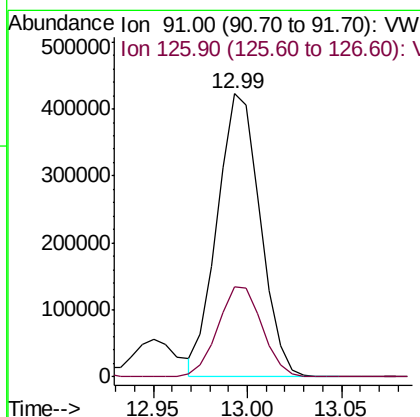
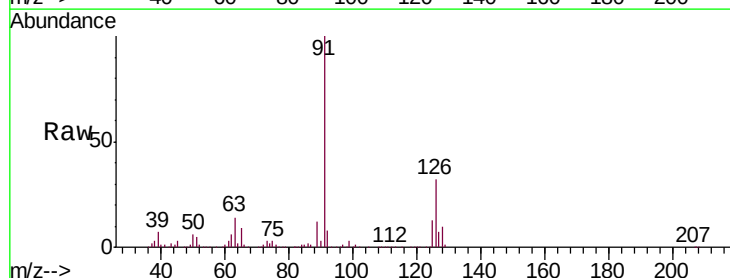
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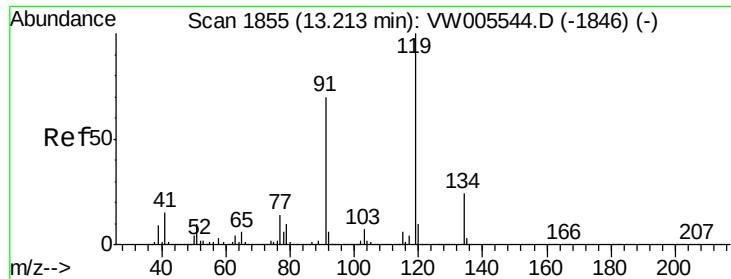
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#82
4-Chlorotoluene
Concen: 70.120 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4





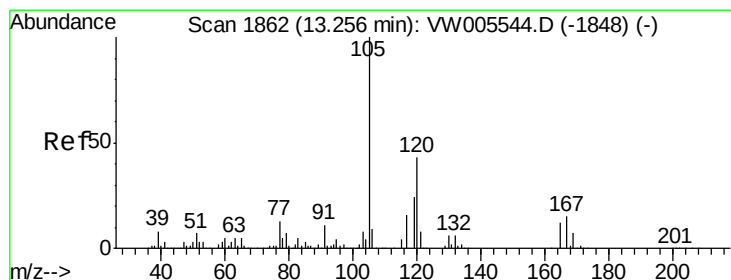
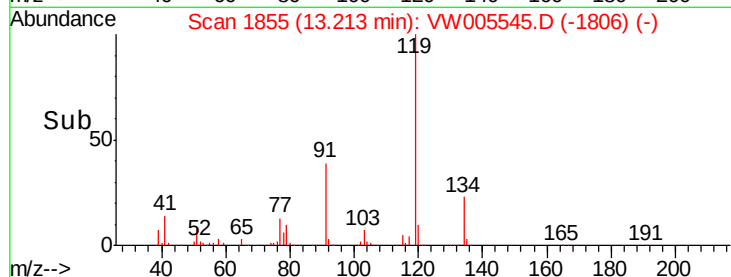
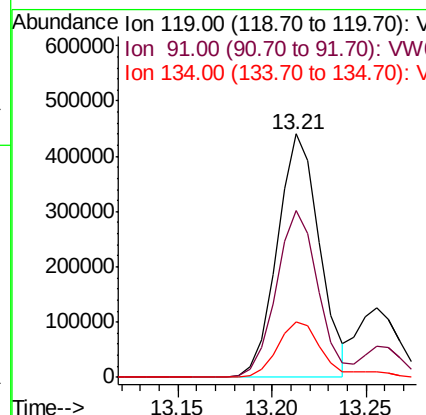
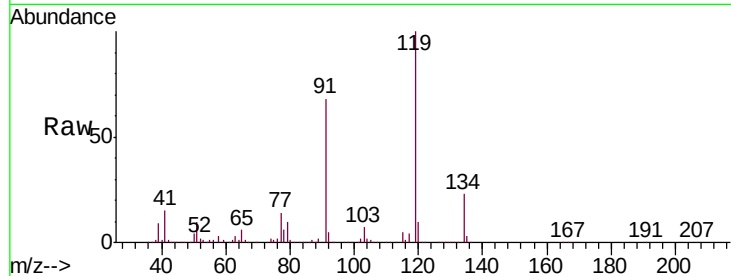
#83
 tert-Butylbenzene
 Concen: 74.302 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.6	34.6	103.8
134	25.2	12.6	37.6

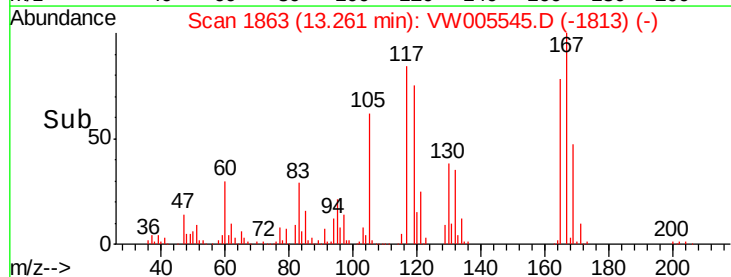
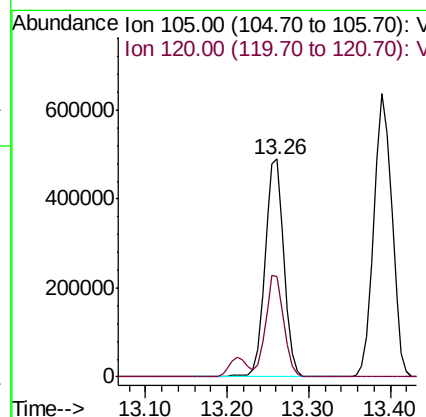
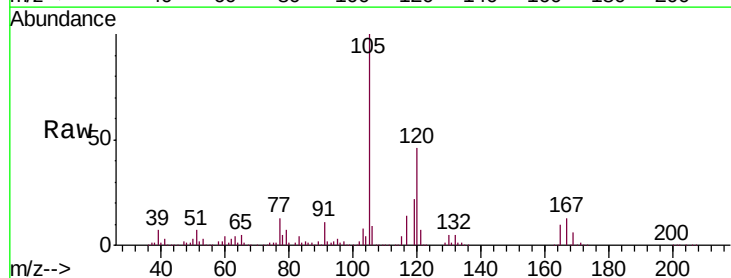
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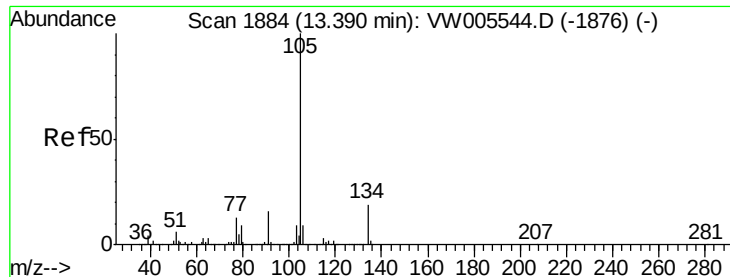
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#84
 1,2,4-Trimethylbenzene
 Concen: 70.766 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.5	64.5





#85

sec-Butylbenzene

Concen: 72.998 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion:105 Resp: 970832
Ion Ratio Lower Upper

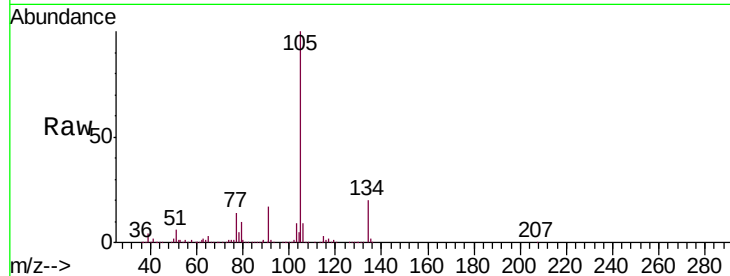
105 100

134 19.9 9.8 29.5

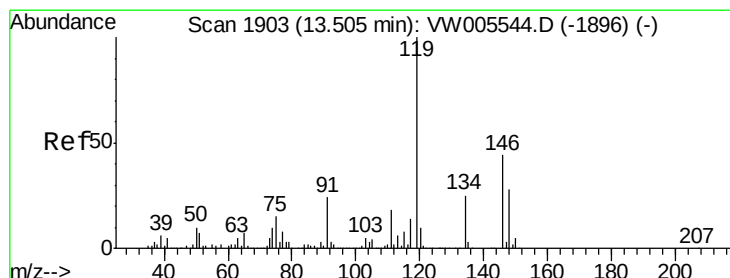
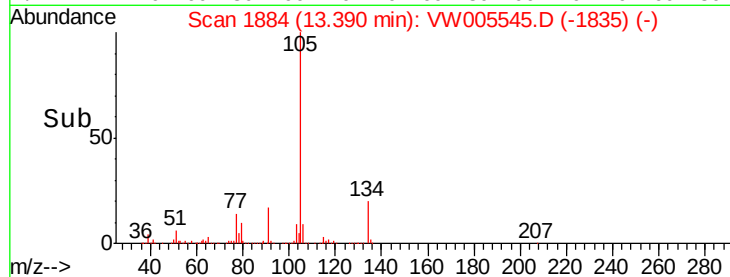
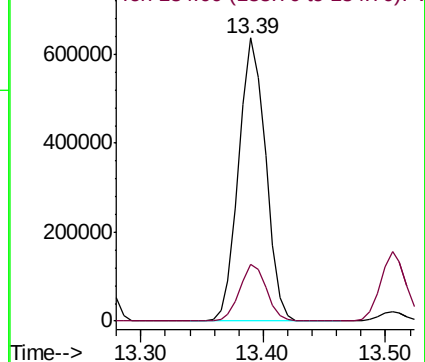
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 74.568 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005545.D

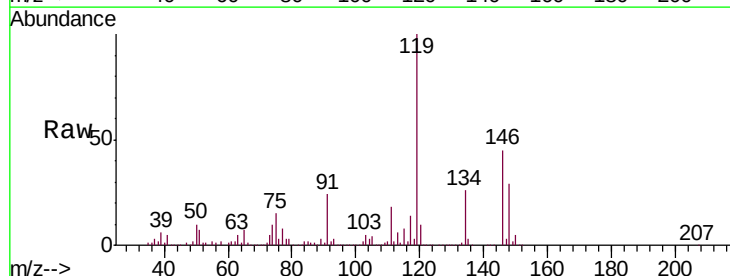
Acq: 20 Sep 2018 22:19

Tgt Ion:119 Resp: 887380
Ion Ratio Lower Upper

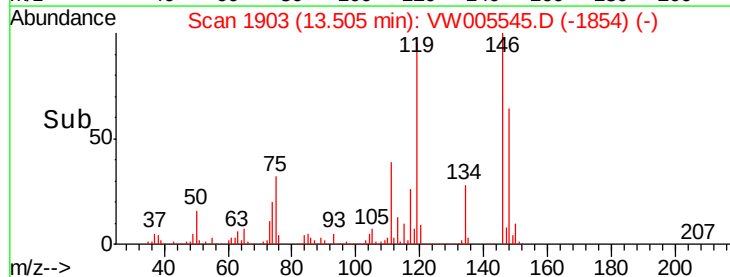
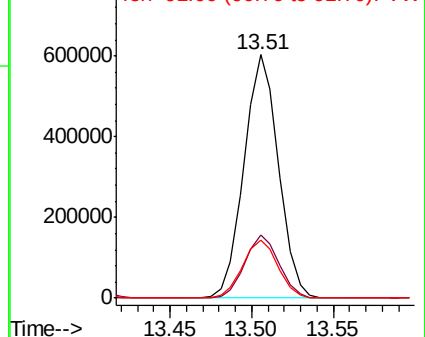
119 100

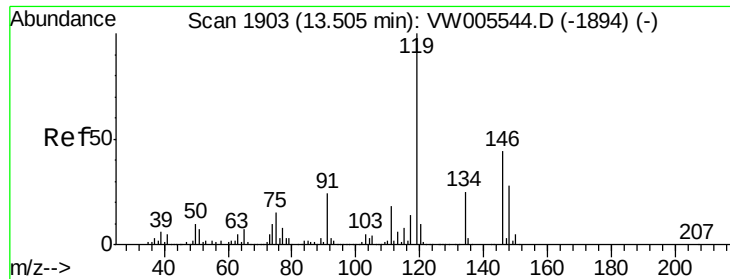
134 25.7 12.7 38.1

91 24.1 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





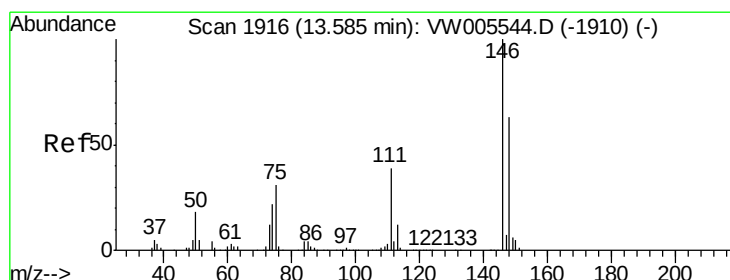
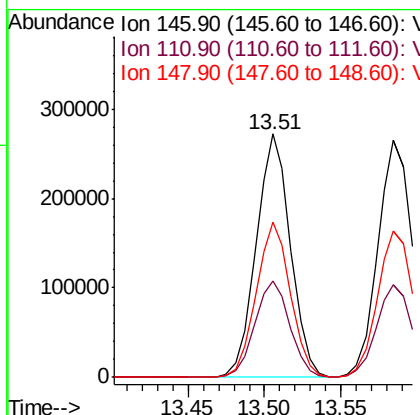
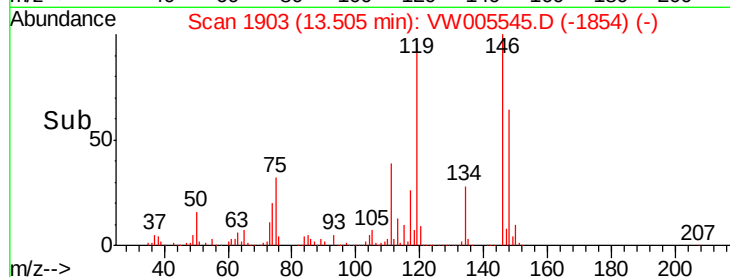
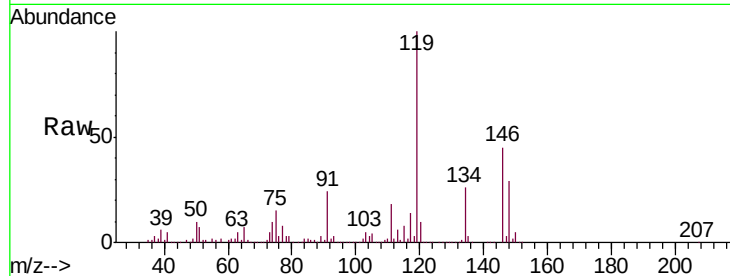
#87
 1,3-Dichlorobenzene
 Concen: 69.560 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	423435		
111	40.2	20.3	60.9	
148	63.6	31.8	95.4	

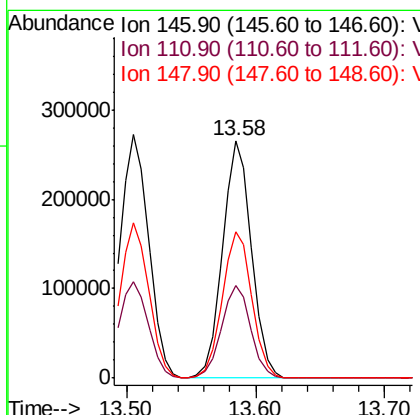
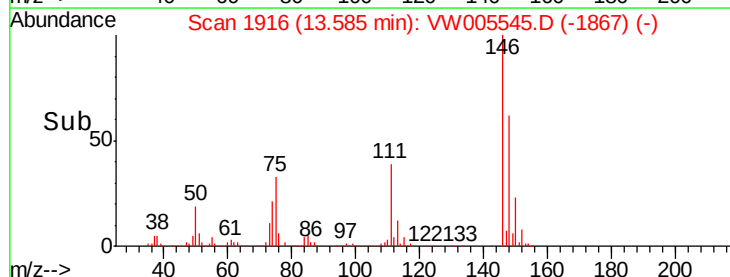
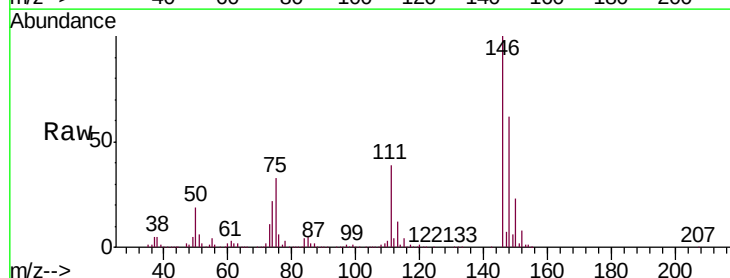
Manual Integrations
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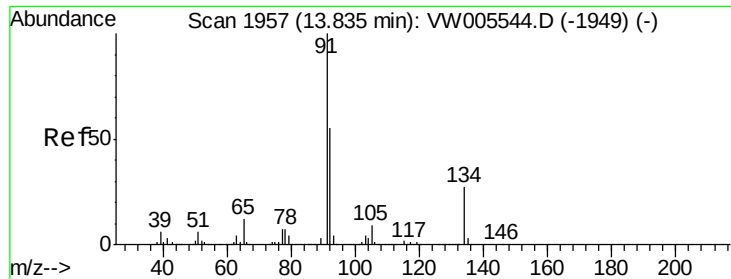
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#88
 1,4-Dichlorobenzene
 Concen: 69.558 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	416394		
111	39.5	19.9	59.7	
148	63.2	32.1	96.3	





#89

n-Butylbenzene

Concen: 74.973 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Instrument :

MSVOA_W

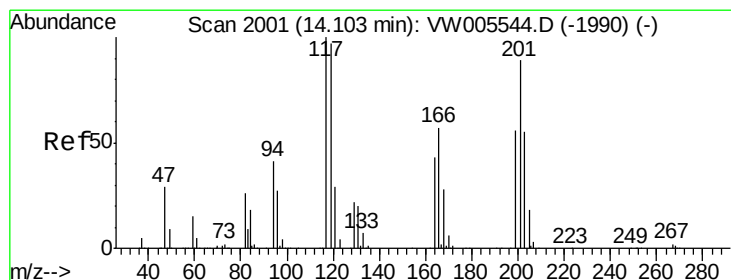
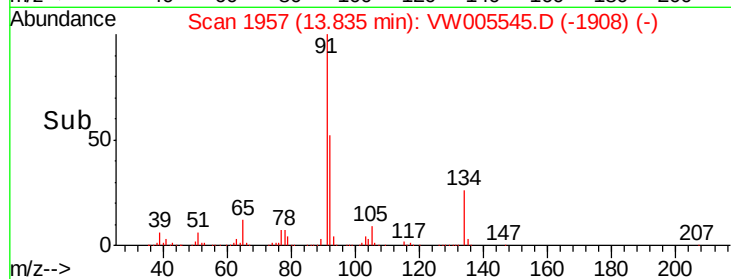
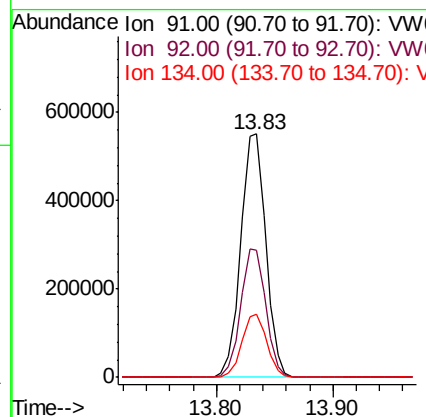
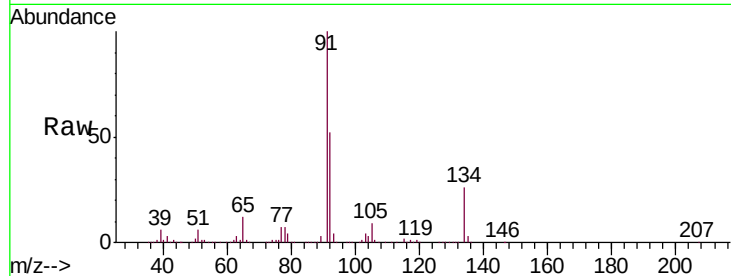
ClientSampled :

VSTDIC075

Tgt Ion:	91	Resp:	829898
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.5	79.5
134	25.7	12.9	38.7

Manual Integrations
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#90

Hexachloroethane

Concen: 74.925 ug/l

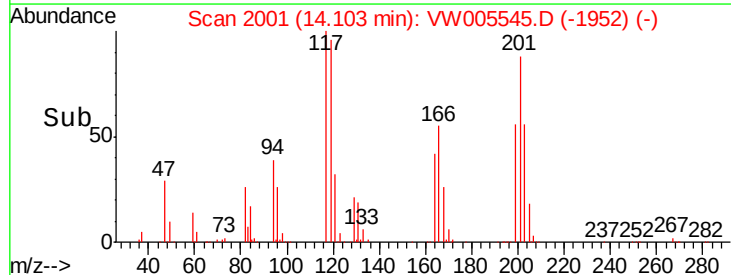
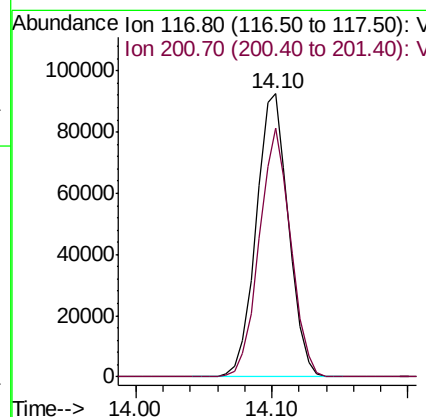
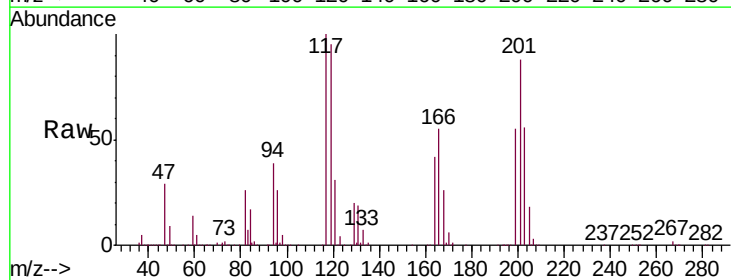
RT: 14.10 min Scan# 2001

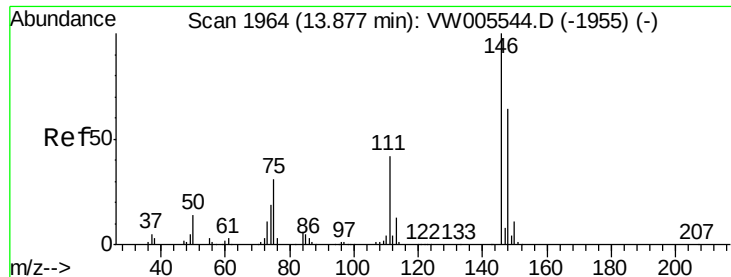
Delta R.T. -0.00 min

Lab File: VW005545.D

Acq: 20 Sep 2018 22:19

Tgt Ion:	117	Resp:	154009
Ion Ratio	Lower	Upper	
117	100		
201	85.5	42.8	128.3





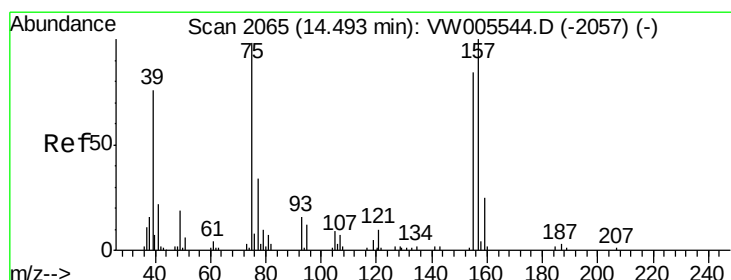
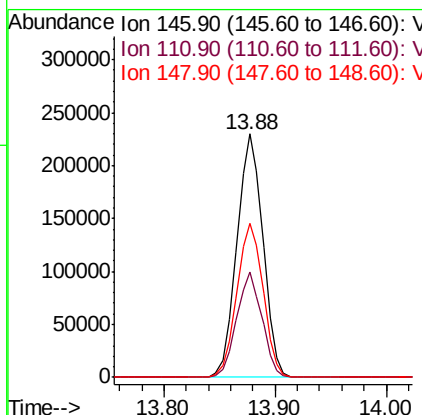
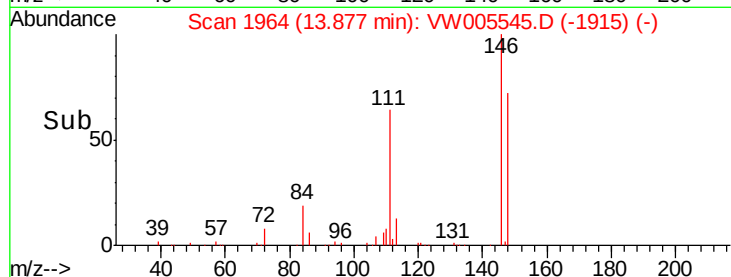
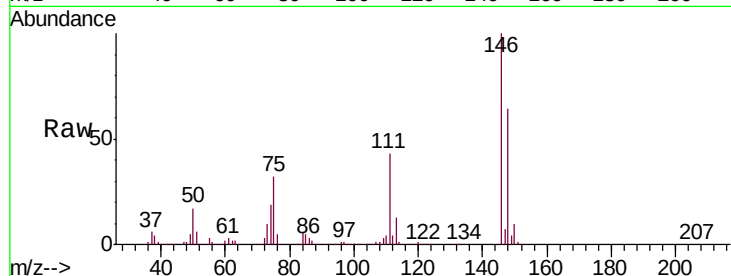
#91
 1,2-Dichlorobenzene
 Concen: 69.900 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	63.9
148	63.9	32.0	96.2

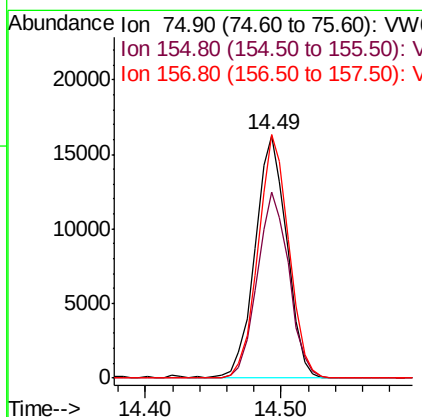
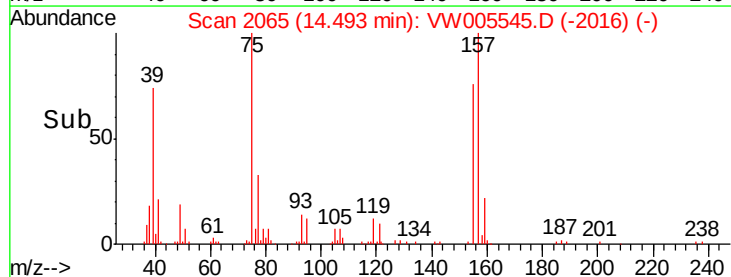
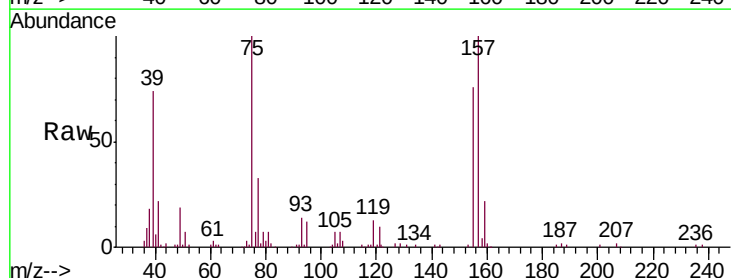
Manual Integrations
 APPROVED

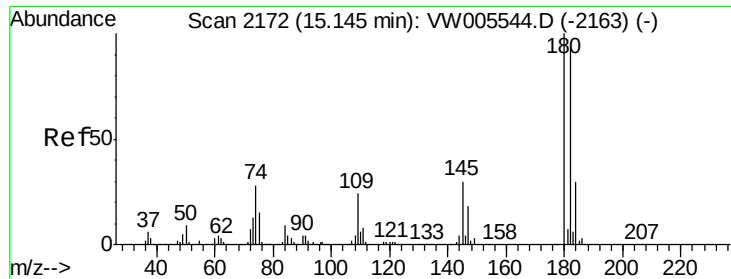
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.102 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	39.1	117.5
157	96.9	50.8	152.4





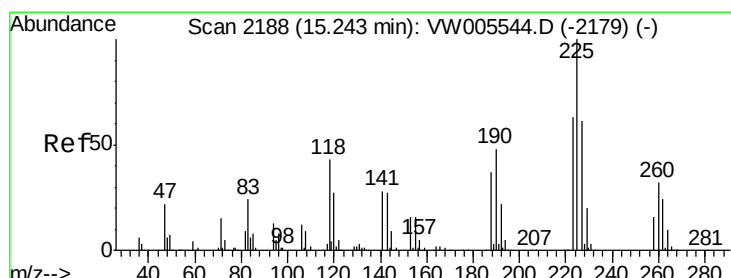
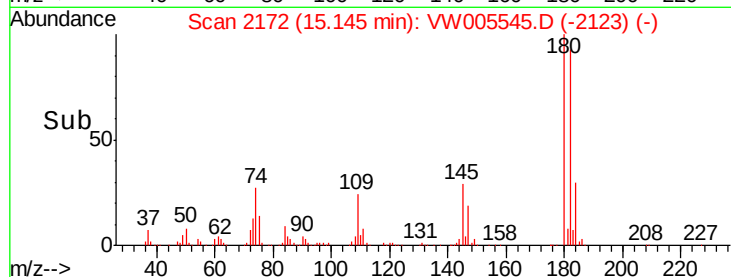
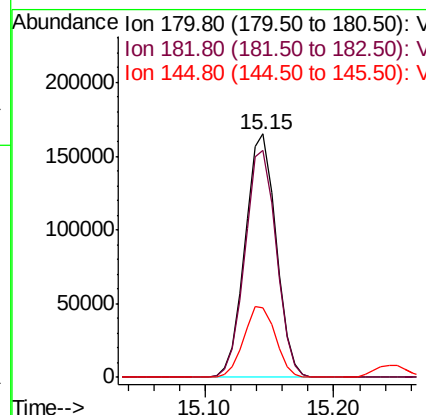
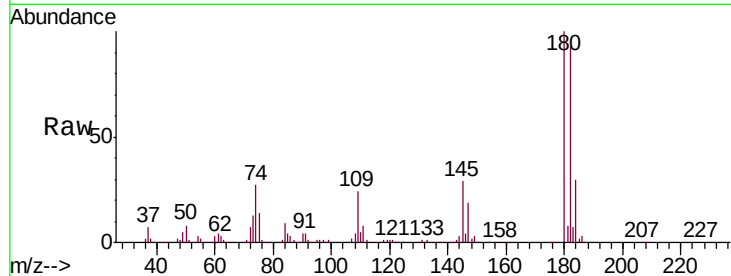
#93
 1,2,4-Trichlorobenzene
 Concen: 76.580 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	273467		
182	94.4	47.7	143.1	
145	29.9	15.0	45.1	

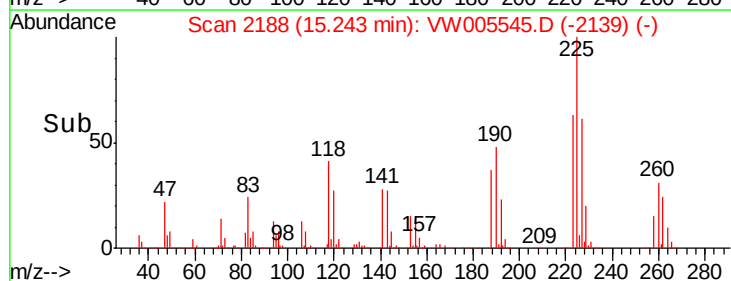
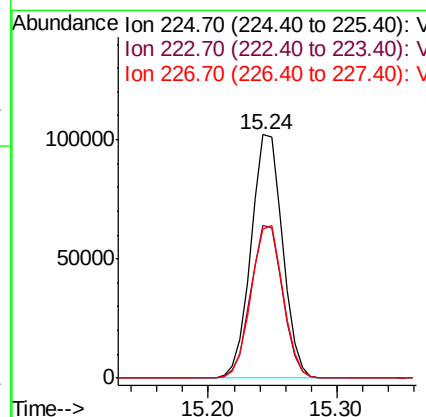
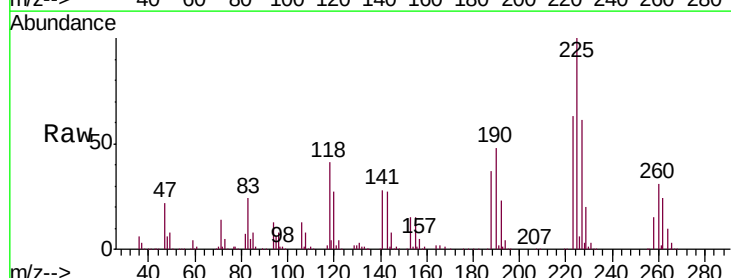
Manual Integrations
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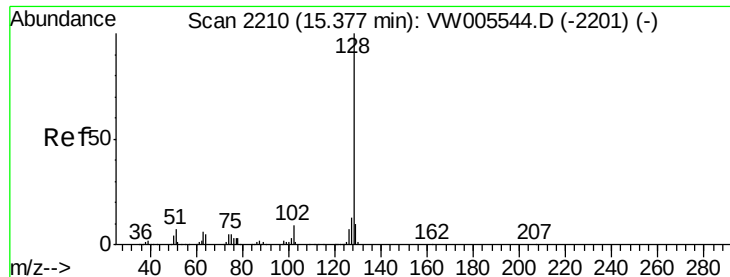
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#94
 Hexachlorobutadiene
 Concen: 73.984 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005545.D
 Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171658		
223	63.2	31.1	93.3	
227	63.4	31.8	95.3	





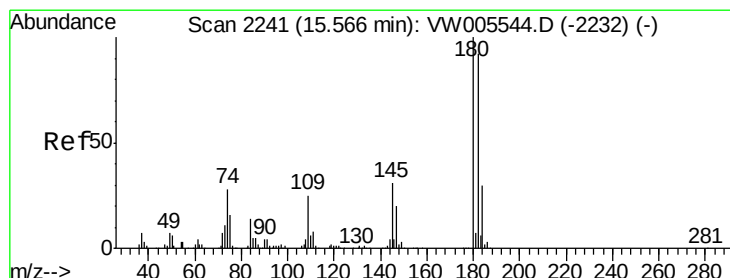
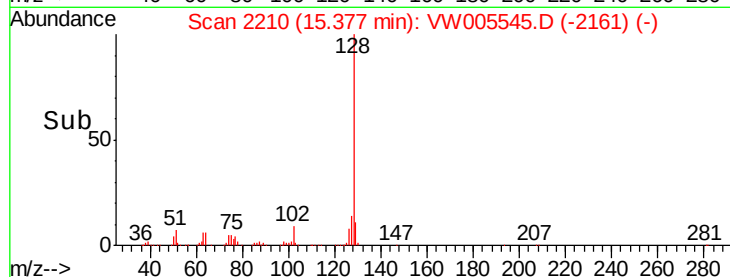
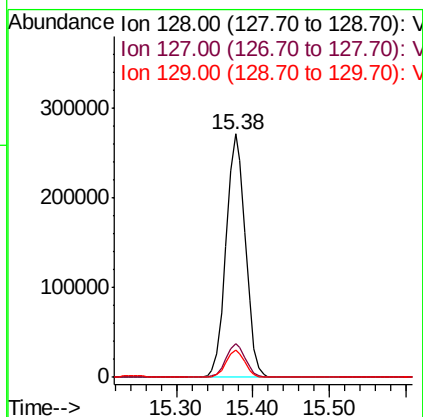
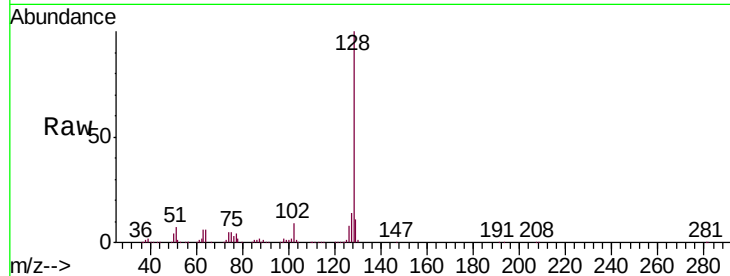
#95
Naphthalene
Concen: 78.707 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	470860		
127	13.7	10.9	16.3	
129	10.9	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 75.670 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005545.D
Acq: 20 Sep 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	236737		
182	94.6	47.3	141.9	
145	31.8	16.0	47.9	

