

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015276.D
 Acq On : 21 Apr 2020 21:20
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 11:41:57 AM

Quant Time: Apr 22 07:43:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	310300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	85256	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.88	113	87064	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.32	98	356212	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	142529	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	80038	47.660	ug/l	97
3) Chloromethane	2.21	50	90564	49.522	ug/l	98
4) Vinyl Chloride	2.36	62	106046	49.106	ug/l	99
5) Bromomethane	2.76	94	83782	54.565	ug/l	90
6) Chloroethane	2.92	64	65783	49.109	ug/l	100
7) Trichlorofluoromethane	3.26	101	140886	46.104	ug/l	98
8) Diethyl Ether	3.69	74	42658	49.733	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	88393	46.906	ug/l	91
10) Methyl Iodide	4.28	142	109966	55.558	ug/l	97
11) Tert butyl alcohol	5.17	59	30621	216.010	ug/l	97
12) 1,1-Dichloroethene	4.04	96	85948	47.384	ug/l	94
13) Acrolein	3.90	56	20678	278.697	ug/l	100
14) Allyl chloride	4.67	41	110100	45.755	ug/l #	85
15) Acrylonitrile	5.37	53	80200	245.697	ug/l	99
16) Acetone	4.13	43	60156m	198.052	ug/l	
17) Carbon Disulfide	4.39	76	255166	47.338	ug/l	99
18) Methyl Acetate	4.67	43	37138	46.192	ug/l	92
19) Methyl tert-butyl Ether	5.43	73	210318	50.510	ug/l	96
20) Methylene Chloride	4.92	84	95979	48.215	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	100565	48.886	ug/l	93
22) Diisopropyl ether	6.32	45	231013	50.044	ug/l #	94
23) Vinyl Acetate	6.26	43	664429	245.275	ug/l	95
24) 1,1-Dichloroethane	6.22	63	157091	49.102	ug/l	98
25) 2-Butanone	7.17	43	92693	230.019	ug/l	93
26) 2,2-Dichloropropane	7.17	77	146730	43.595	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	112139	50.493	ug/l	97
28) Bromochloromethane	7.51	49	56203	48.318	ug/l #	70
29) Tetrahydrofuran	7.53	42	60874	242.465	ug/l #	87
30) Chloroform	7.68	83	173746	50.319	ug/l	99
31) Cyclohexane	7.95	56	136176	42.345	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	159148	47.756	ug/l	99
36) 1,1-Dichloropropene	8.09	75	130260	46.511	ug/l	98
37) Ethyl Acetate	7.26	43	43360	47.705	ug/l #	97
38) Carbon Tetrachloride	8.07	117	142625	46.601	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170496	45.738	ug/l	94
40) Benzene	8.32	78	371240	49.623	ug/l	96
41) Methacrylonitrile	7.48	41	24440	44.814	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	109761	49.837	ug/l	100
43) Isopropyl Acetate	8.42	43	91590	48.045	ug/l	94
44) Trichloroethene	9.09	130	117968	51.551	ug/l	88
45) 1,2-Dichloropropane	9.37	63	86379	49.650	ug/l	100
46) Dibromomethane	9.46	93	50879	50.556	ug/l #	85
47) Bromodichloromethane	9.65	83	133020	49.444	ug/l	99
48) Methyl methacrylate	9.43	41	42206	46.834	ug/l #	79
49) 1,4-Dioxane	9.45	88	14636	1090.908	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	220910	246.859	ug/l	97
52) Toluene	10.38	92	265382	50.686	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	130520	49.202	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	152784	49.551	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	72762	51.633	ug/l	95
56) Ethyl methacrylate	10.65	69	91732	50.529	ug/l	92
57) 1,3-Dichloropropane	10.93	76	118808	50.895	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	203853	242.204	ug/l #	88
59) 2-Hexanone	10.96	43	152405	238.580	ug/l	97
60) Dibromochloromethane	11.13	129	96286	51.749	ug/l	98
61) 1,2-Dibromoethane	11.24	107	71000	51.634	ug/l	99
64) Tetrachloroethene	10.86	164	107383	51.013	ug/l	95
65) Chlorobenzene	11.66	112	298791	51.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	108920	52.362	ug/l	97
67) Ethyl Benzene	11.73	91	535072	49.575	ug/l	99
68) m/p-Xylenes	11.84	106	430228	101.693	ug/l	99
69) o-Xylene	12.16	106	204725	51.844	ug/l	97
70) Styrene	12.18	104	355548	52.821	ug/l	99
71) Bromoform	12.35	173	61528	52.495	ug/l #	98
73) Isopropylbenzene	12.46	105	569662	48.029	ug/l	99
74) N-amyl acetate	12.27	43	96431	46.733	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.71	83	78894	46.849	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	61970m	46.827	ug/l	
77) Bromobenzene	12.75	156	139000	51.009	ug/l	81
78) n-propylbenzene	12.80	91	652096	47.220	ug/l	96
79) 2-Chlorotoluene	12.89	91	380032	48.831	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	494514	48.401	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27028	44.646	ug/l	92
82) 4-Chlorotoluene	12.99	91	401065	48.537	ug/l	97
83) tert-Butylbenzene	13.21	119	432275	48.408	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	496760	49.295	ug/l	99
85) sec-Butylbenzene	13.38	105	588291	47.702	ug/l	97
86) p-Isopropyltoluene	13.50	119	564269	49.240	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	272594	50.347	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	269368	50.753	ug/l	97
89) n-Butylbenzene	13.82	91	493474	47.113	ug/l	97
90) Hexachloroethane	14.09	117	101167	48.139	ug/l	71
91) 1,2-Dichlorobenzene	13.87	146	242285	51.496	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15435	50.648	ug/l	89

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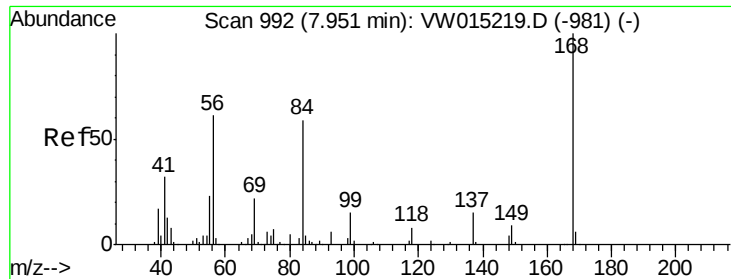
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	171943	52.577	ug/l	98
94) Hexachlorobutadiene	15.23	225	112714	51.696	ug/l	98
95) Naphthalene	15.36	128	273426	51.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	143309	53.860	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 212658

Ion Ratio Lower Upper

168 100

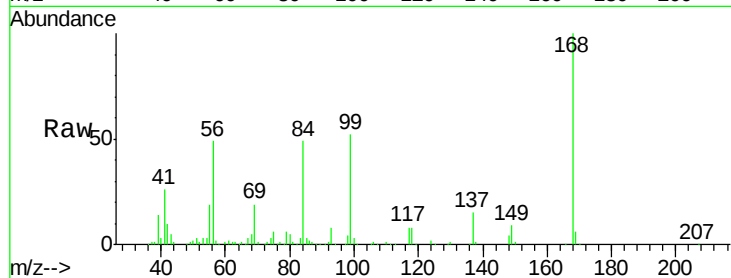
99 51.5 48.5 72.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

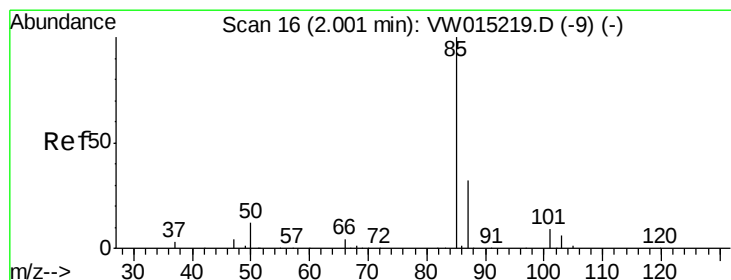
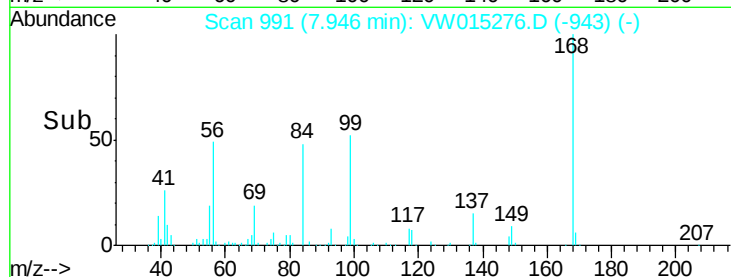
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 47.660 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015276.D

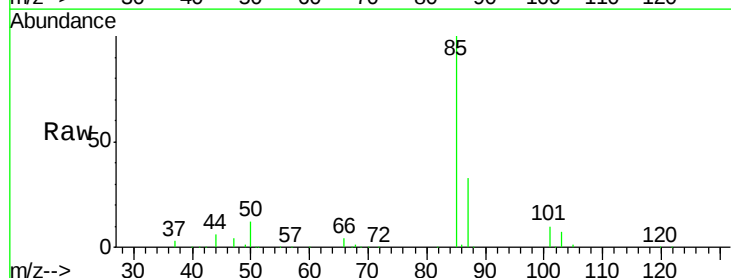
Acq: 21 Apr 2020 21:20

Tgt Ion: 85 Resp: 80038

Ion Ratio Lower Upper

85 100

87 33.0 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

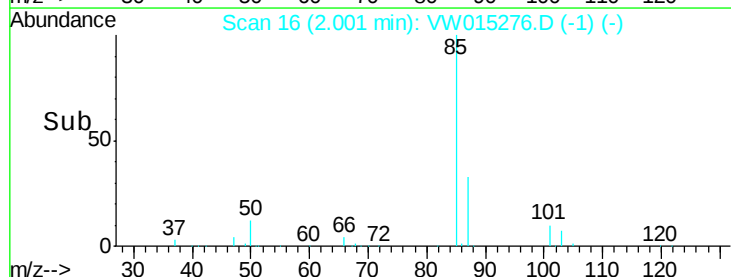
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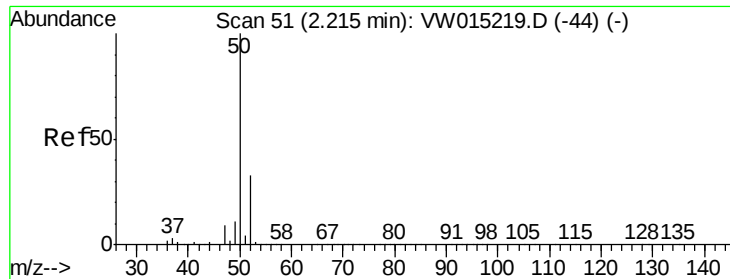
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 49.522 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 90564

Ion Ratio Lower Upper

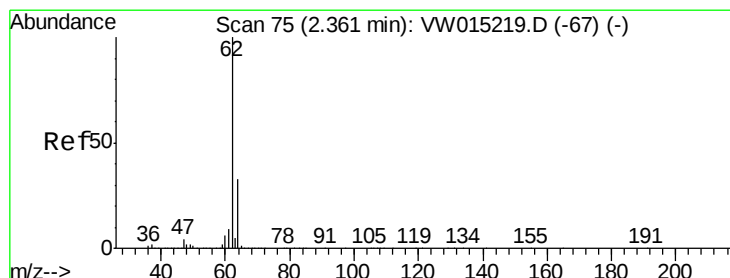
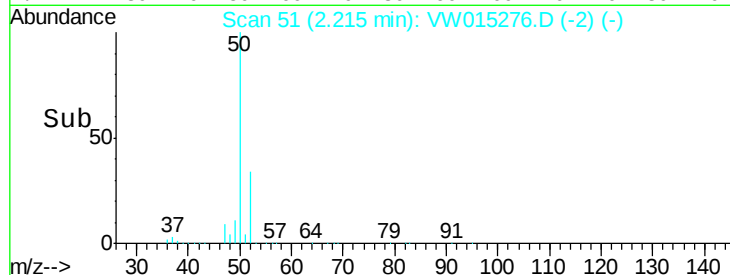
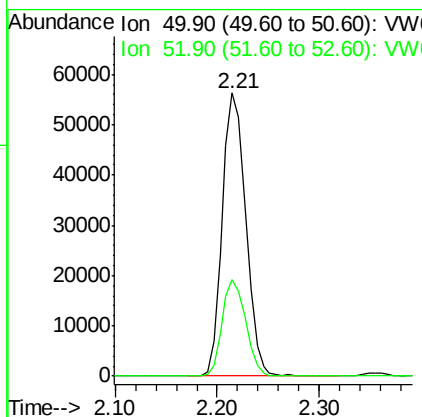
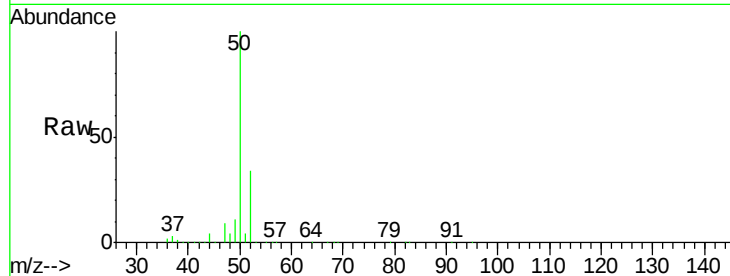
50 100

52 34.2 26.5 39.7

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#4

Vinyl Chloride

Concen: 49.106 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW015276.D

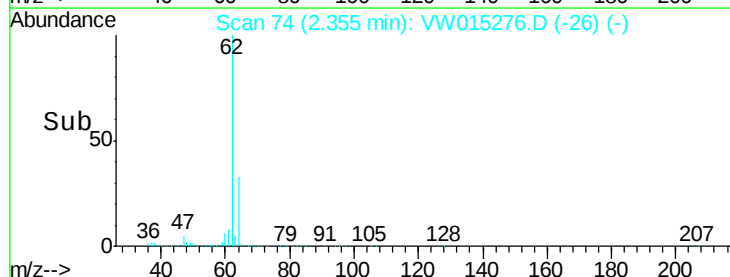
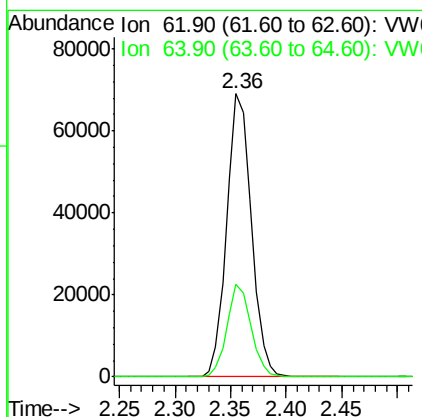
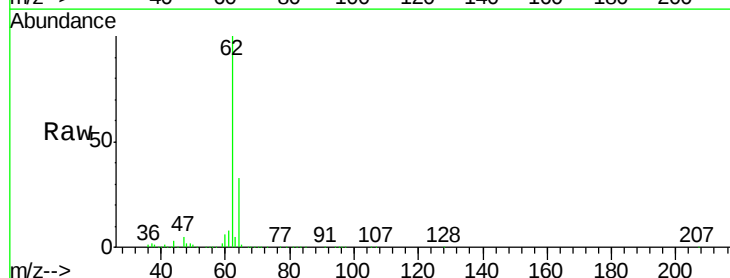
Acq: 21 Apr 2020 21:20

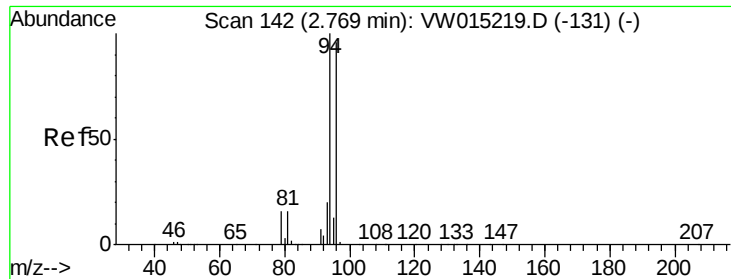
Tgt Ion: 62 Resp: 106046

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2





#5

Bromomethane

Concen: 54.565 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

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Tot Ion: 94 Resp: 83782

Ion Ratio Lower Upper

94 100

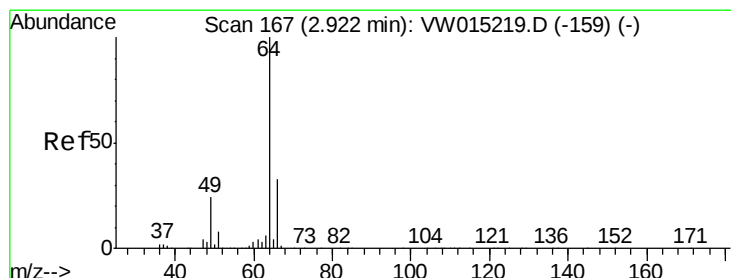
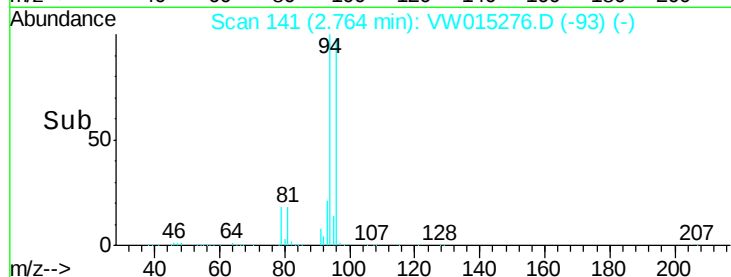
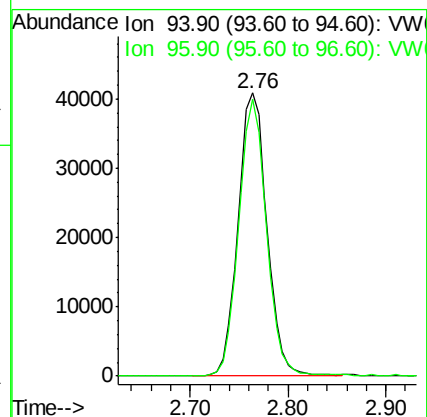
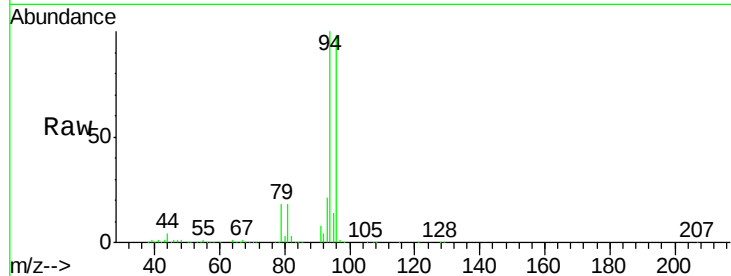
96 97.7 70.4 105.6

Manual Integrations

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#6

Chloroethane

Concen: 49.109 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015276.D

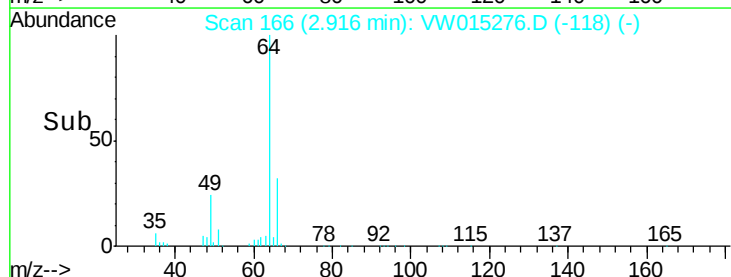
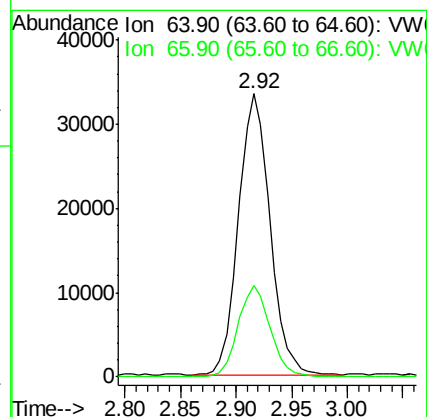
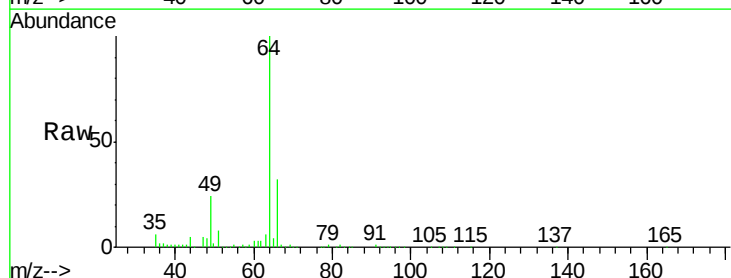
Acq: 21 Apr 2020 21:20

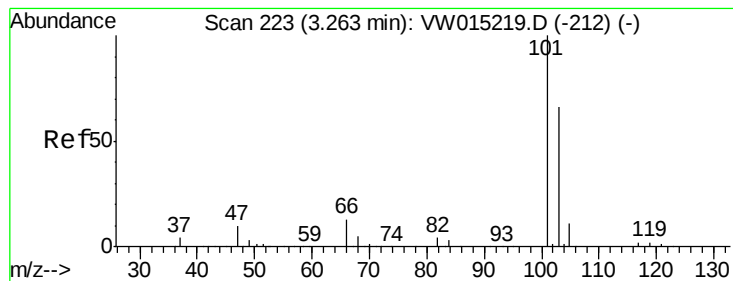
Tgt Ion: 64 Resp: 65783

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.6





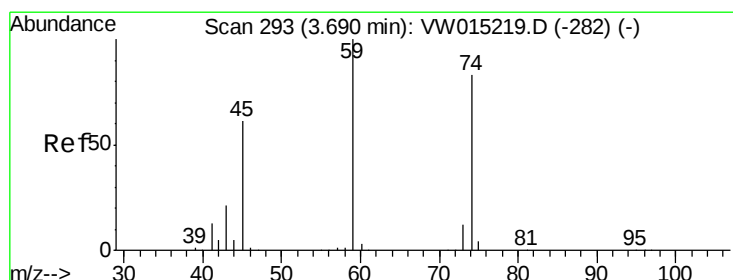
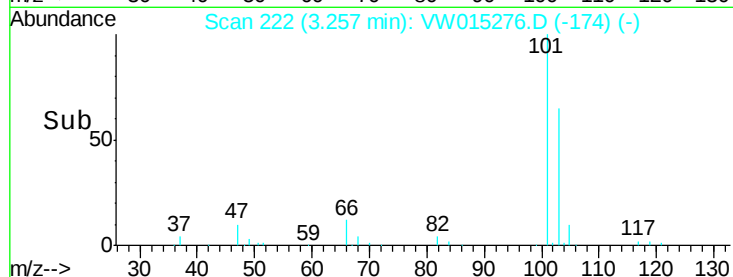
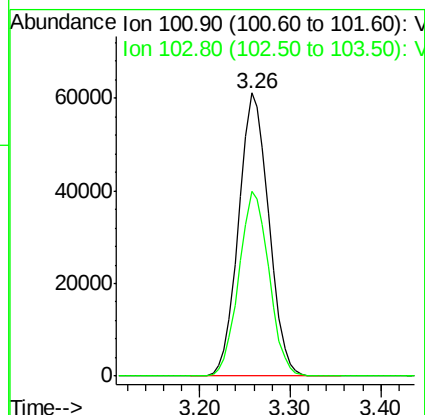
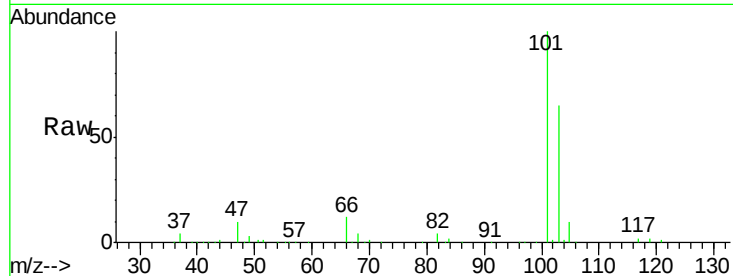
#7
 Trichlorofluoromethane
 Concen: 46.104 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Instrument :
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 VSTDCCC050

Tot Ion:101 Resp: 140886
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.3 76.9

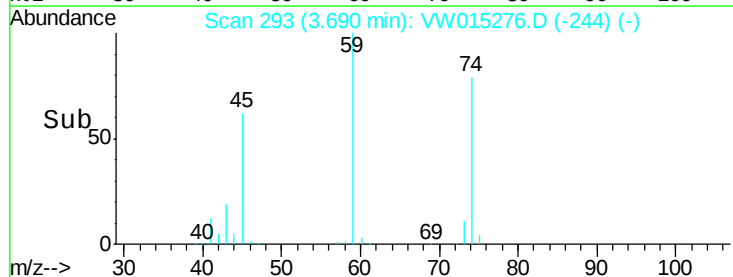
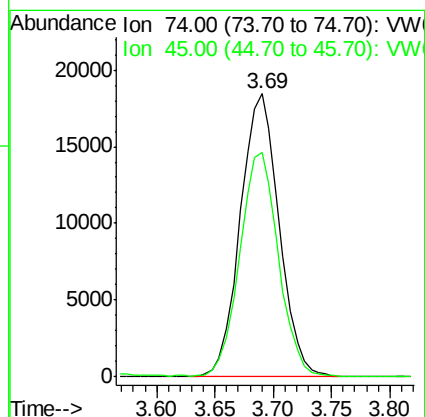
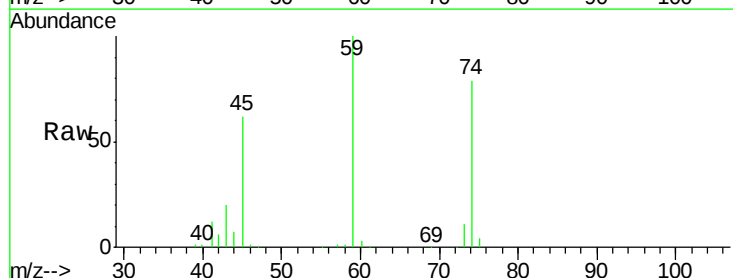
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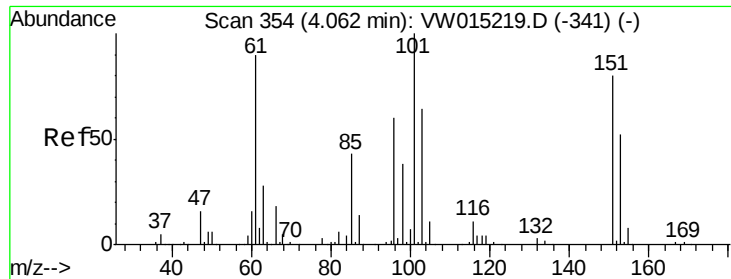
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#8
 Diethyl Ether
 Concen: 49.733 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion: 74 Resp: 42658
 Ion Ratio Lower Upper
 74 100
 45 79.3 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.906 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015276.D

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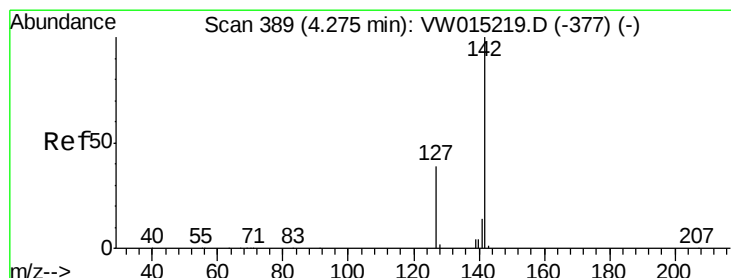
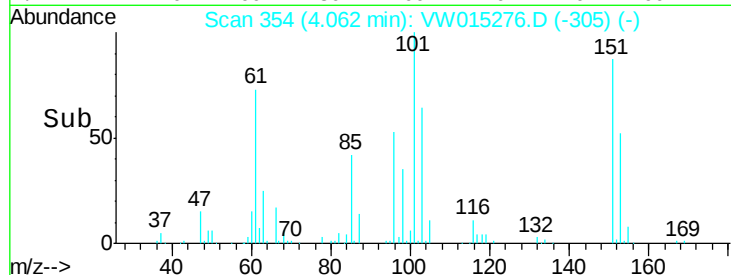
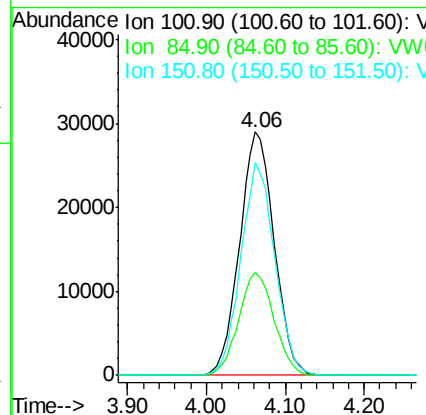
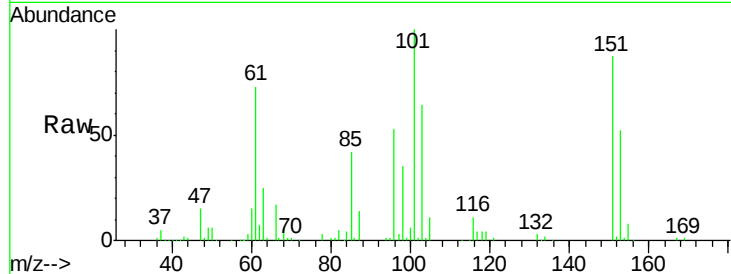
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	88393
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.3	52.9
151	85.7	59.3	88.9

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#10

Methyl Iodide

Concen: 55.558 ug/l

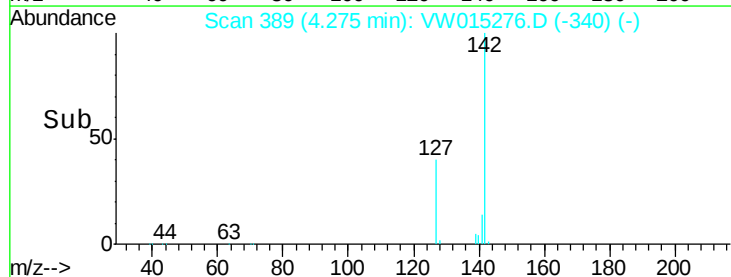
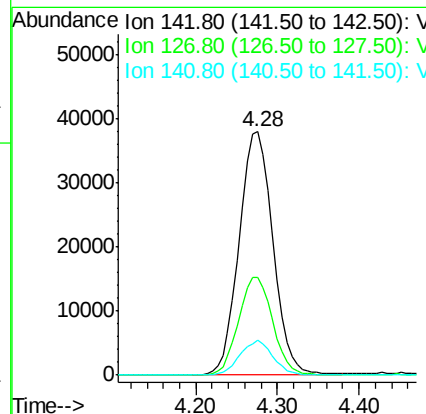
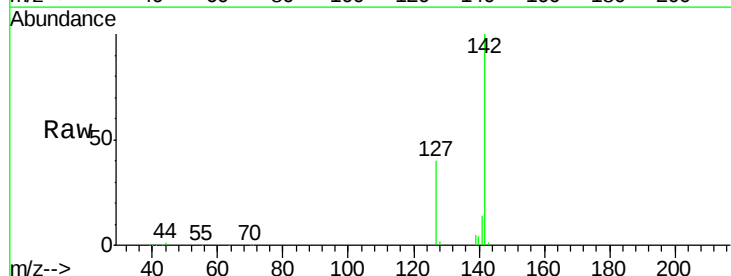
RT: 4.28 min Scan# 389

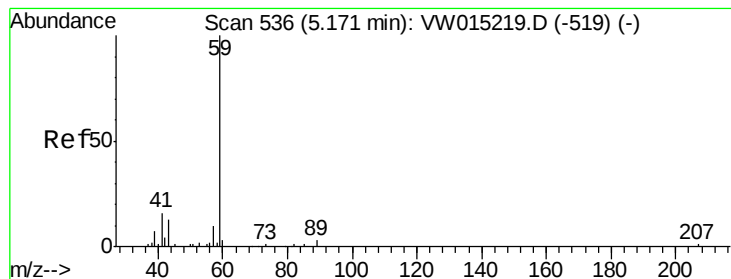
Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Tgt Ion:	142	Resp:	109966
Ion Ratio	Lower	Upper	
142	100		
127	40.5	33.9	50.9
141	13.8	11.4	17.2





#11

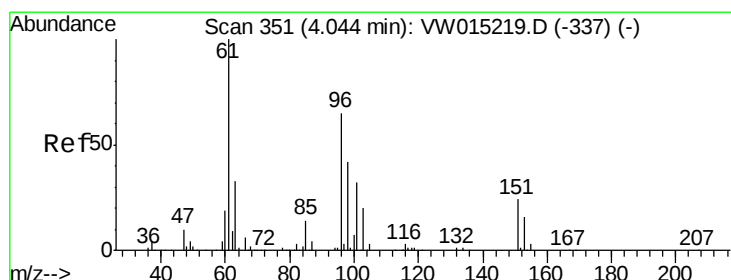
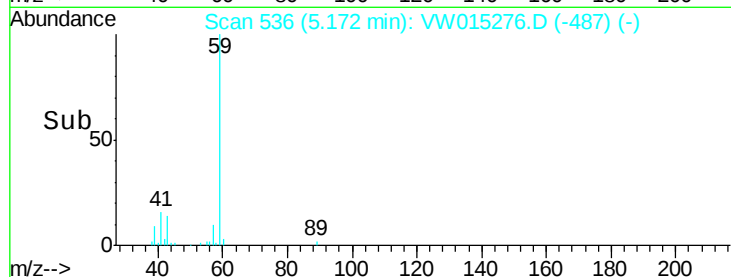
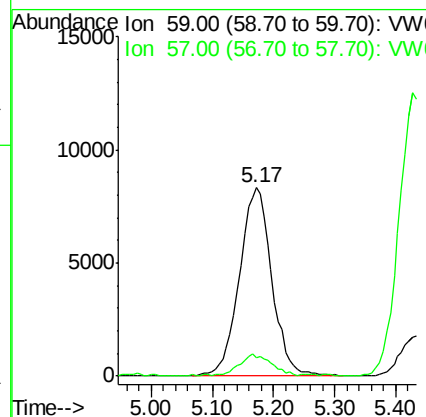
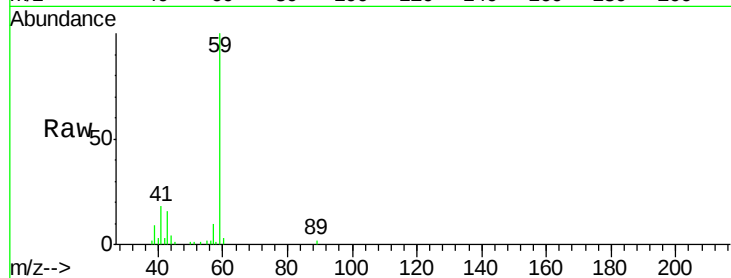
Tert butyl alcohol
Concen: 216.010 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	100			
57	11.7	8.4	12.6	

Manual Integrations
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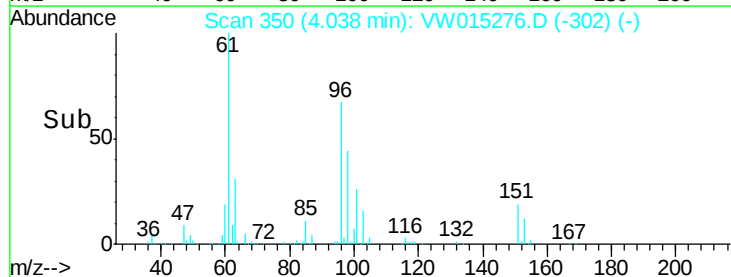
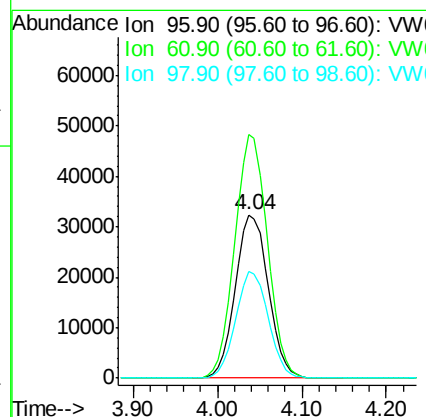
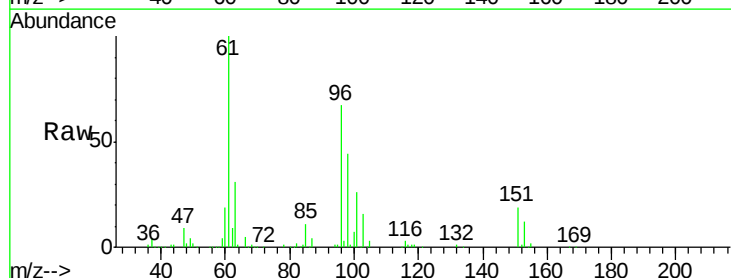
MMDadoda
4/22/2020 11:41:57 AM

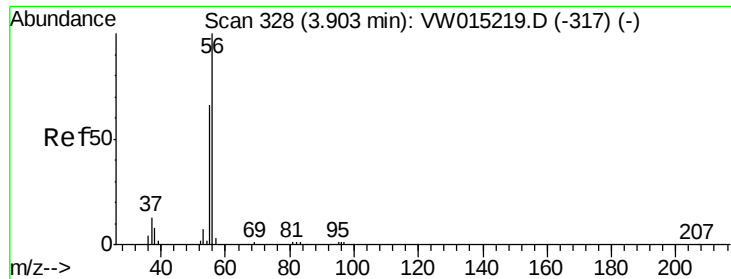


#12

1,1-Dichloroethene
Concen: 47.384 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	149.0	127.0	190.4	
98	65.0	51.0	76.4	





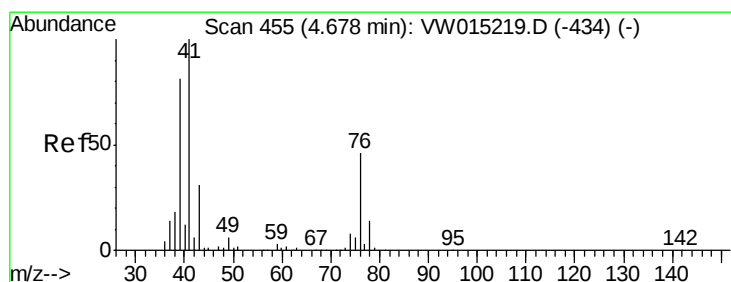
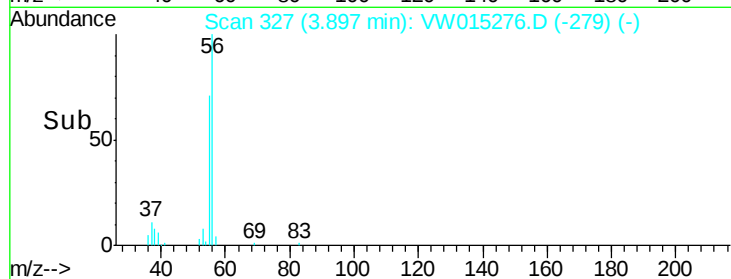
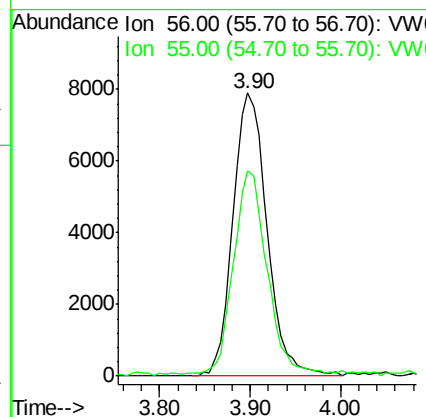
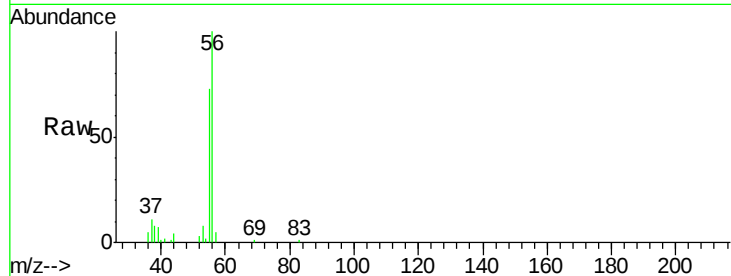
#13
Acrolein
Concen: 278.697 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.2	84.2

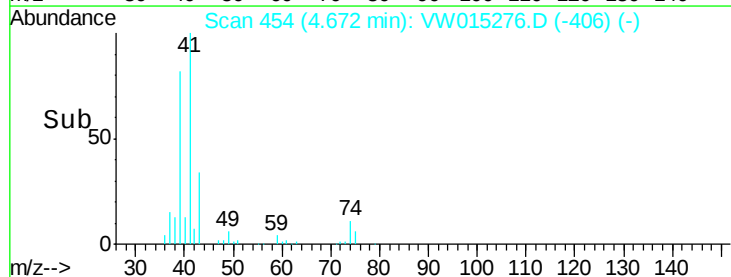
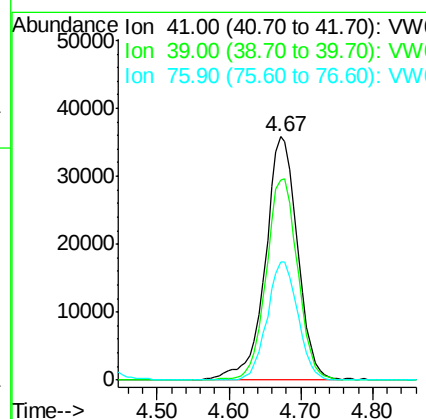
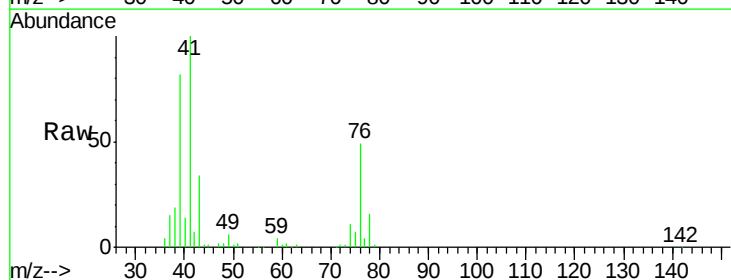
Manual Integrations
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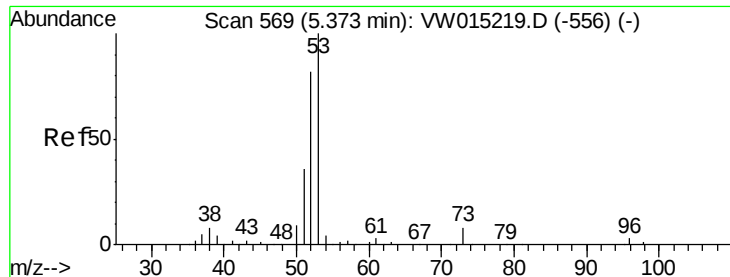
MMDadoda
4/22/2020 11:41:57 AM



#14
Allyl chloride
Concen: 45.755 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
41	100		
39	81.8	54.0	81.0#
76	46.7	31.8	47.6





#15

Acrylonitrile

Concen: 245.697 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

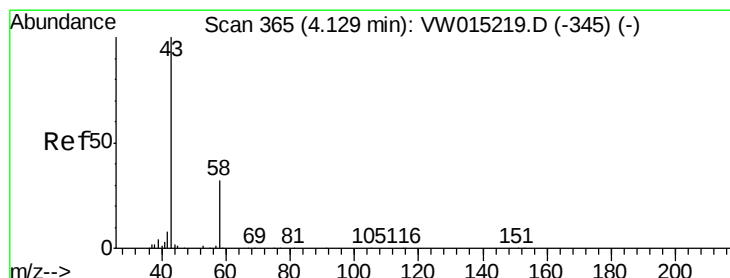
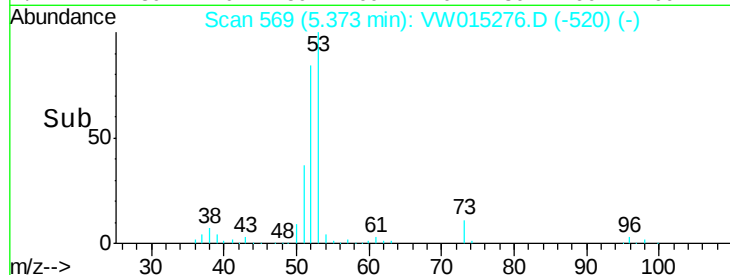
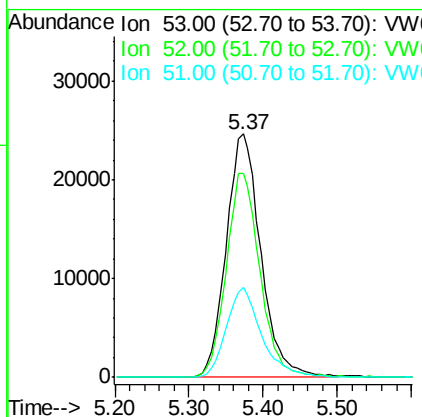
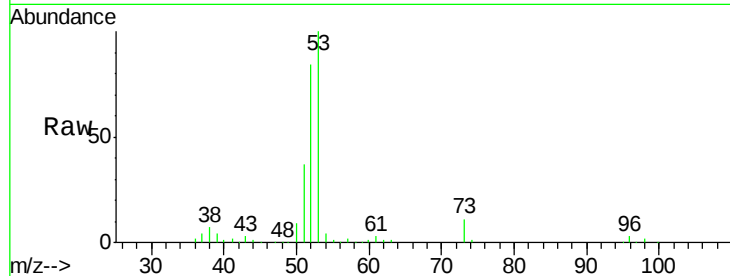
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	80200
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.2	97.8
51	37.4	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 198.052 ug/l m

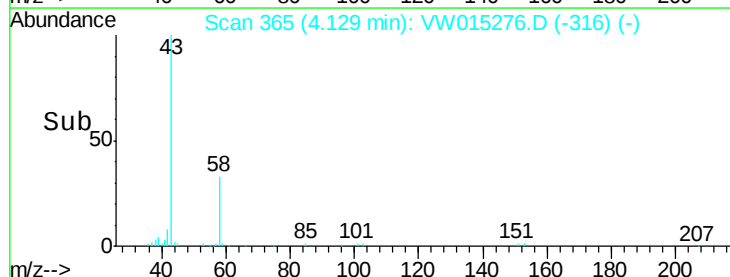
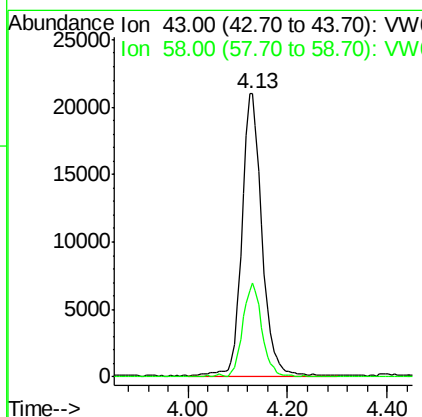
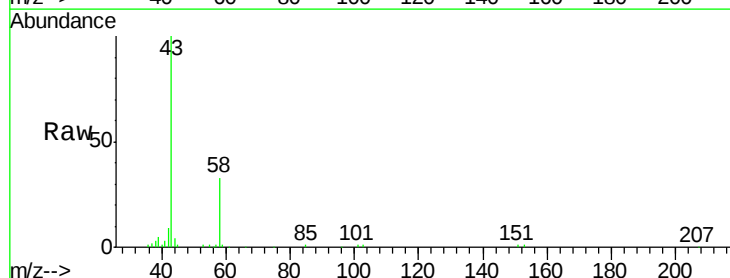
RT: 4.13 min Scan# 365

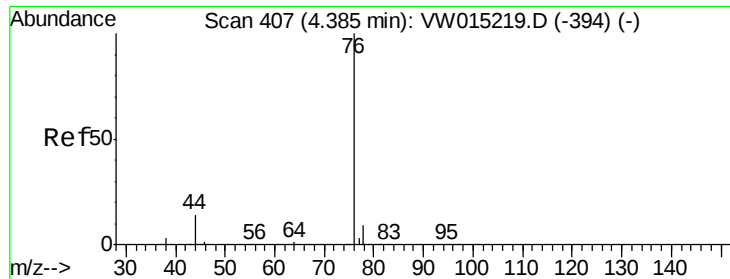
Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Tgt Ion:	43	Resp:	60156
Ion	Ratio	Lower	Upper
43	100		
58	33.2	27.0	40.4





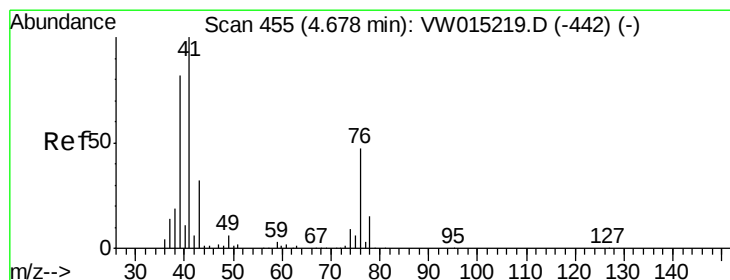
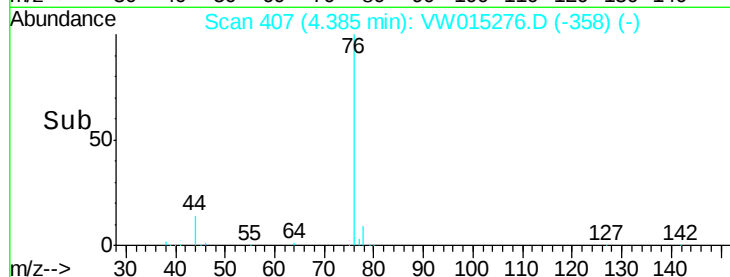
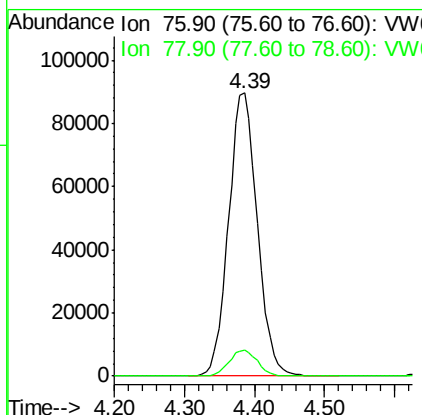
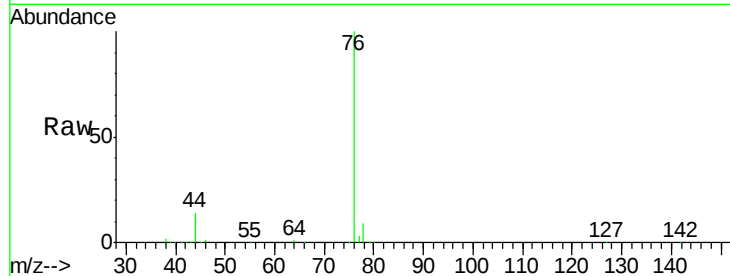
#17
Carbon Disulfide
Concen: 47.338 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

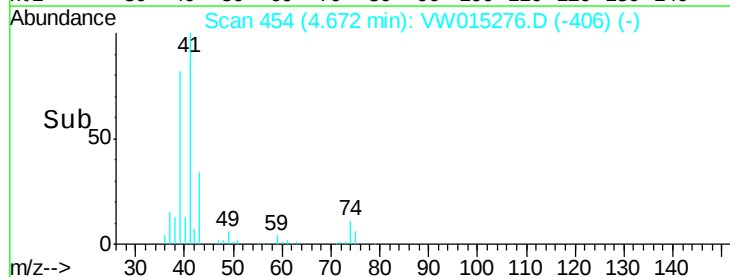
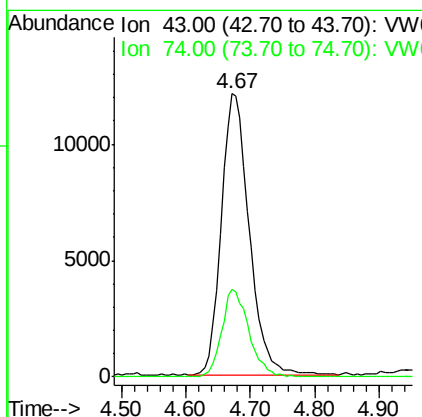
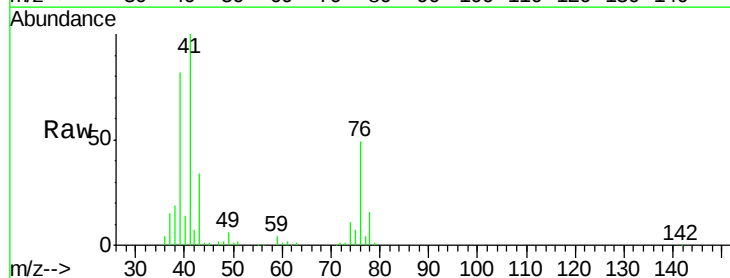
Manual Integrations
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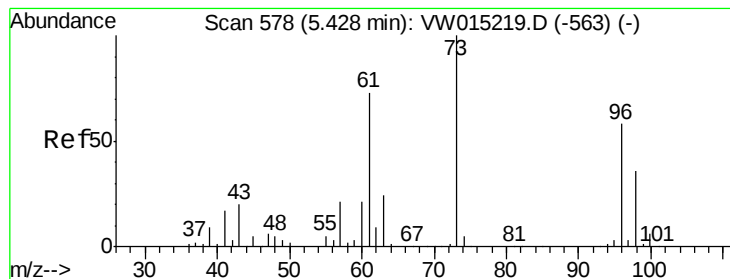
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#18
Methyl Acetate
Concen: 46.192 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.9	20.6	31.0





#19

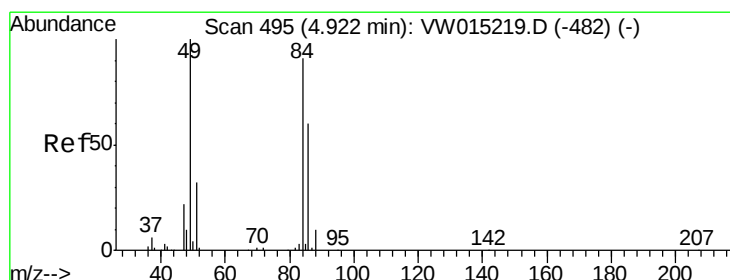
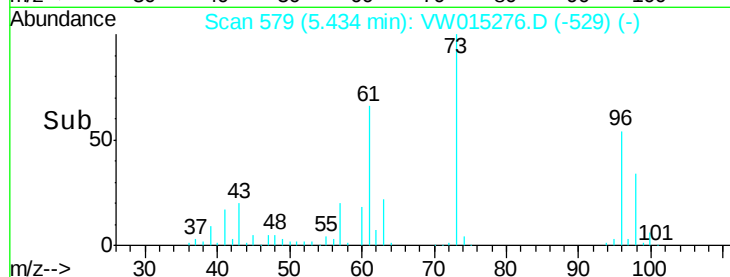
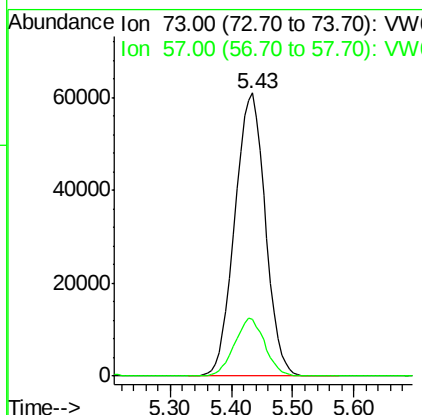
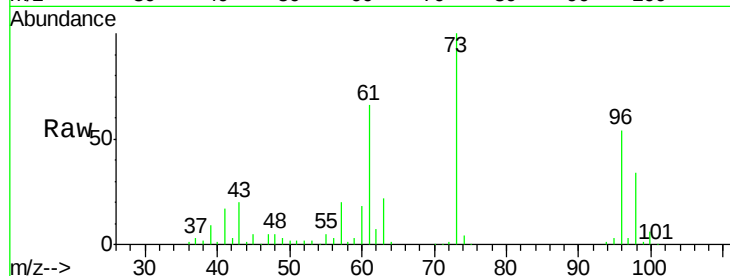
Methyl tert-butyl Ether
 Concen: 50.510 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.8	26.6

Manual Integrations
 APPROVED

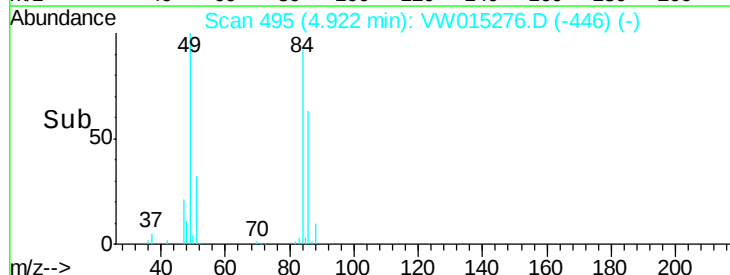
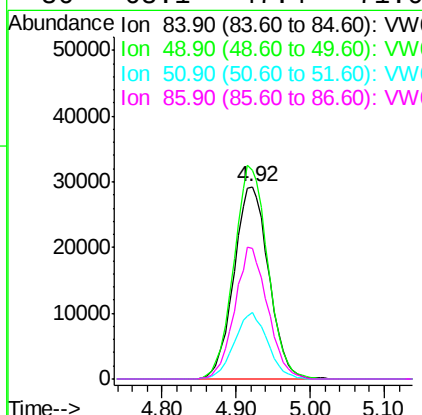
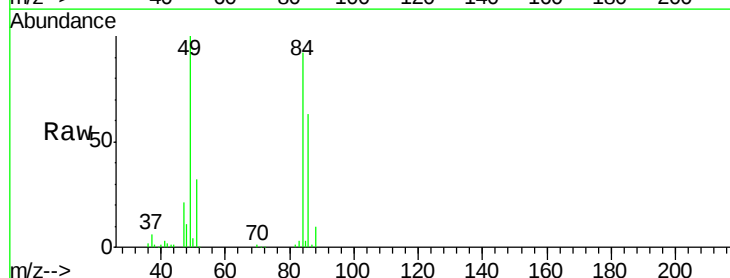
MMDadoda
 4/22/2020 11:41:57 AM

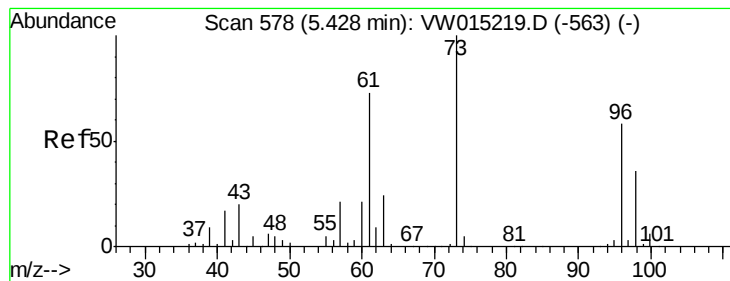


#20

Methylene Chloride
 Concen: 48.215 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.7	95.4	143.0
51	34.9	29.8	44.8
86	68.1	47.4	71.0





#21

trans-1,2-Dichloroethene

Concen: 48.886 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 96 Resp: 100565

Ion Ratio Lower Upper

96 100

61 124.1 107.8 161.6

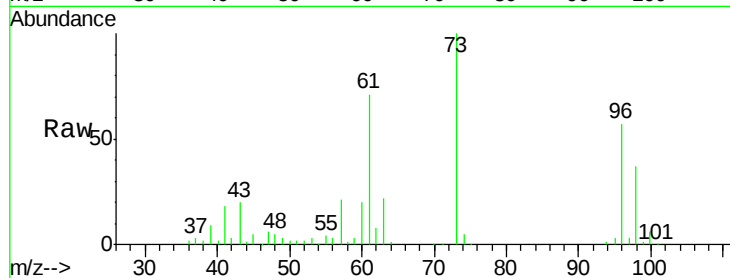
98 64.9 50.2 75.2

Manual Integrations

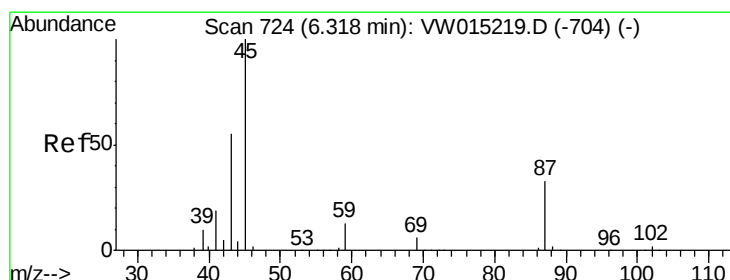
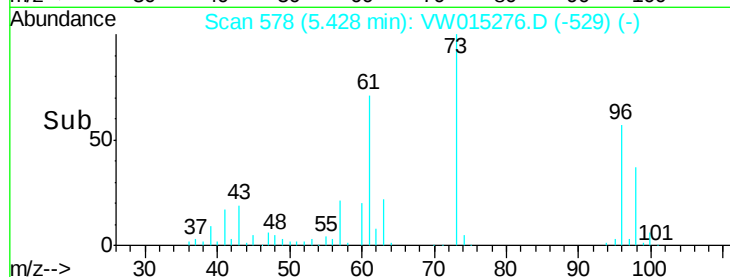
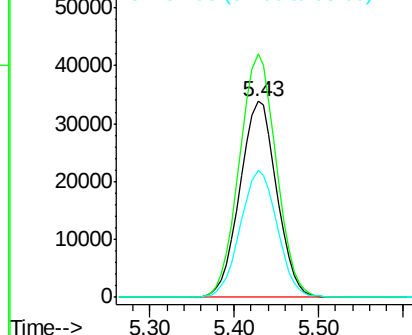
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 50.044 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Tgt Ion: 45 Resp: 231013

Ion Ratio Lower Upper

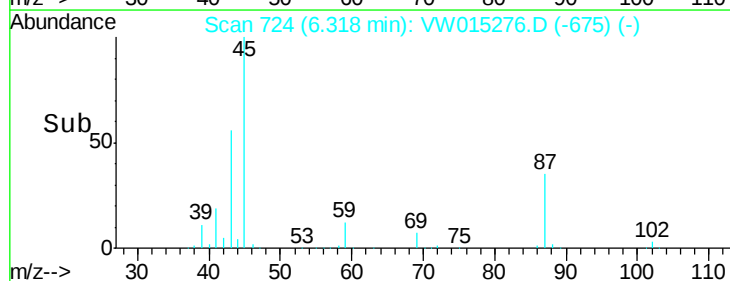
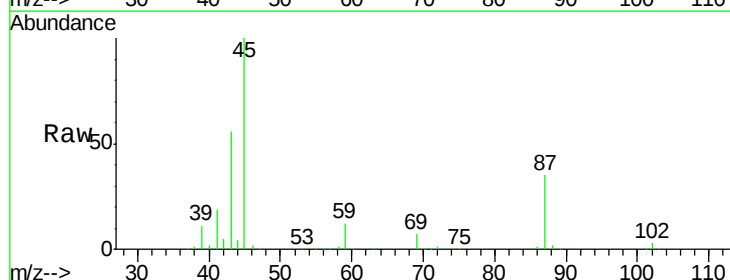
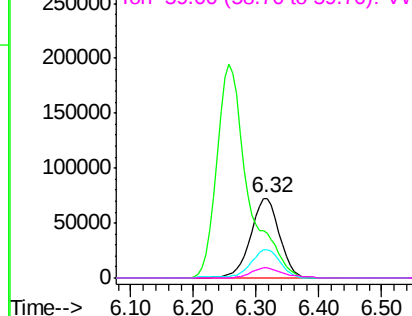
45 100

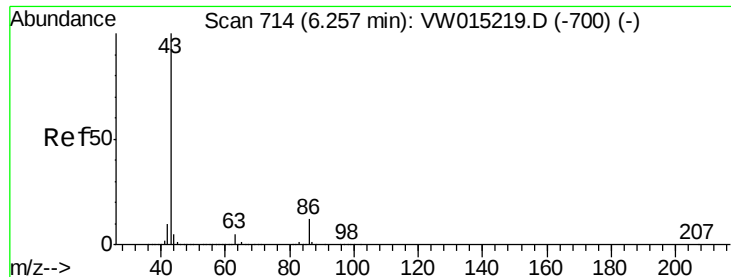
43 55.4 41.8 62.6

87 35.3 23.2 34.8#

59 12.4 9.6 14.4

Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 245.275 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 664429

Ion Ratio Lower Upper

43 100

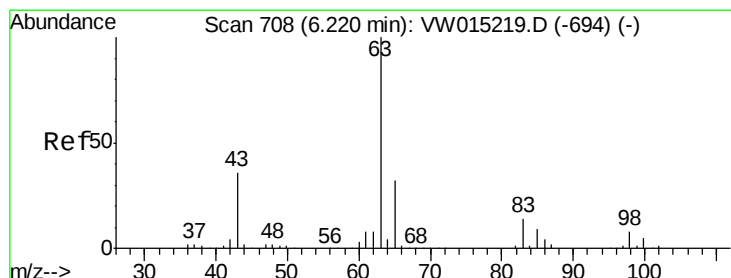
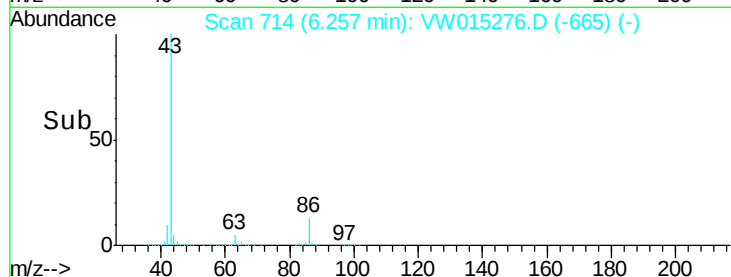
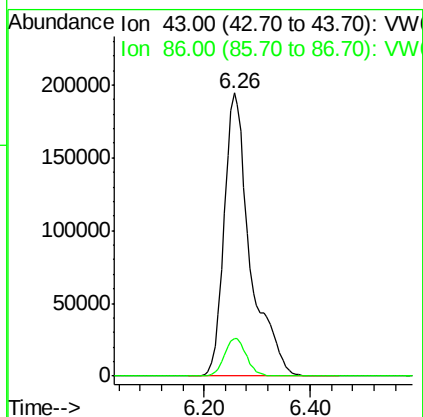
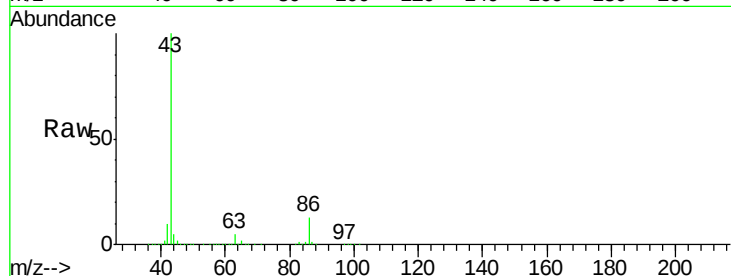
86 13.5 9.1 13.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.102 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

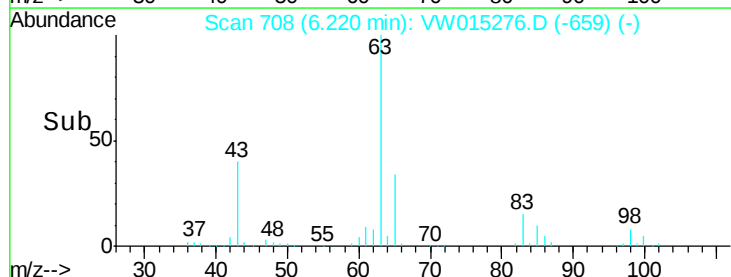
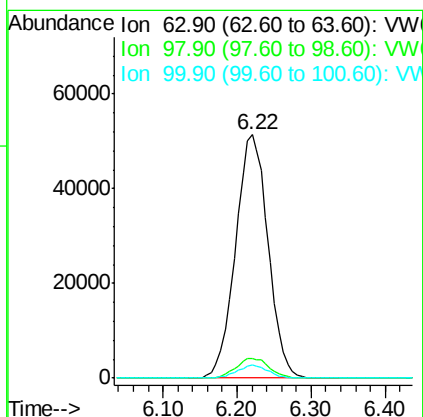
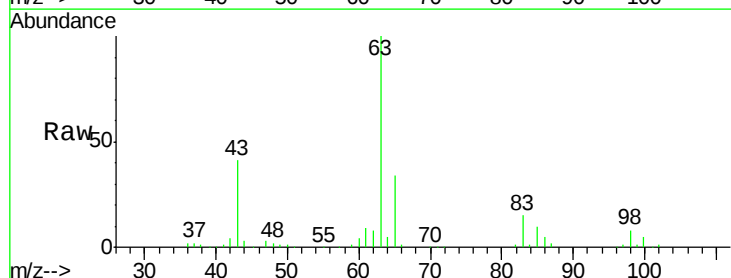
Tgt Ion: 63 Resp: 157091

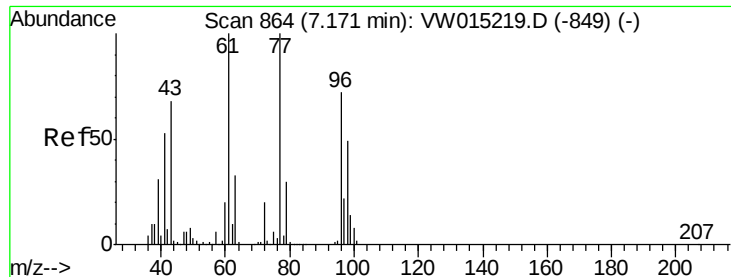
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

100 5.2 2.4 7.2





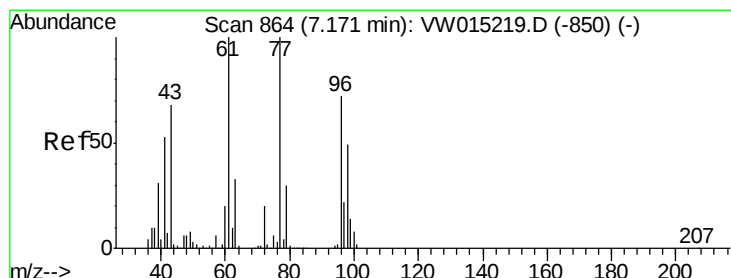
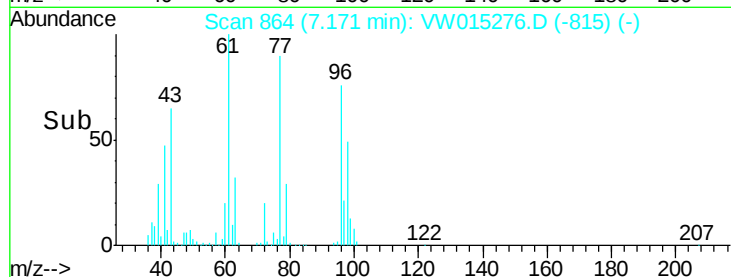
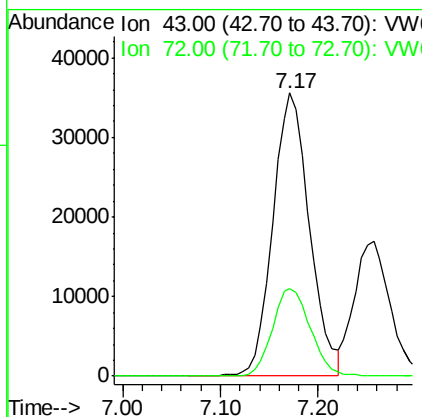
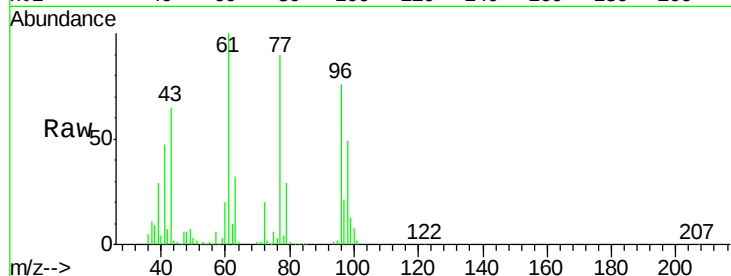
#25
2-Butanone
Concen: 230.019 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 92693
Ion Ratio Lower Upper
43 100
72 30.9 21.6 32.4

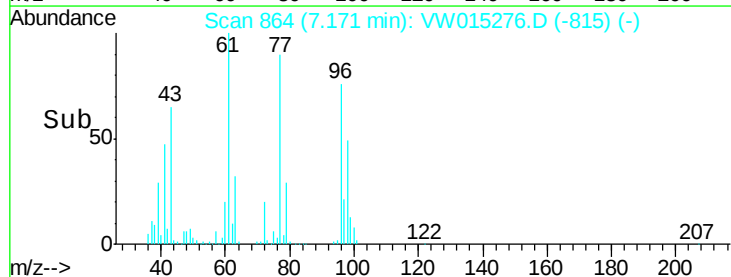
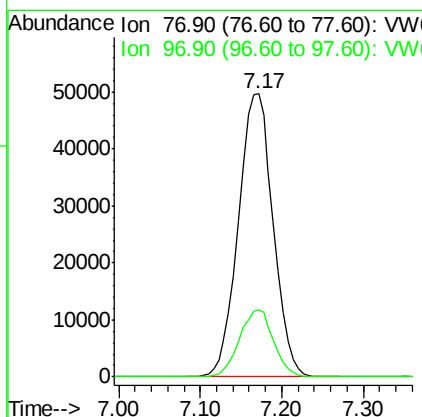
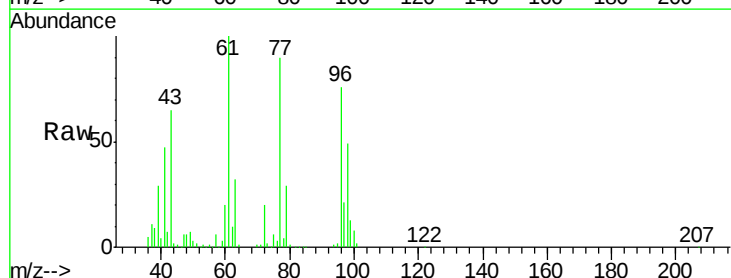
Manual Integrations
APPROVED

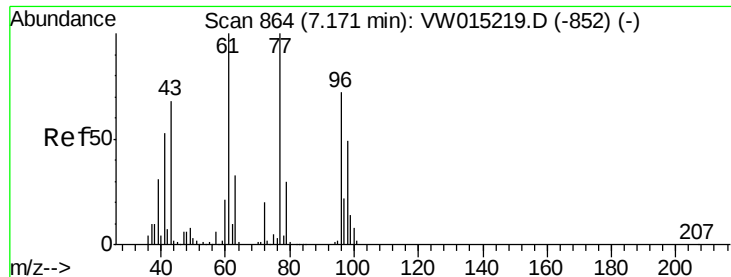
MMDadoda
4/22/2020 11:41:57 AM



#26
2,2-Dichloropropane
Concen: 43.595 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion: 77 Resp: 146730
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5





#27

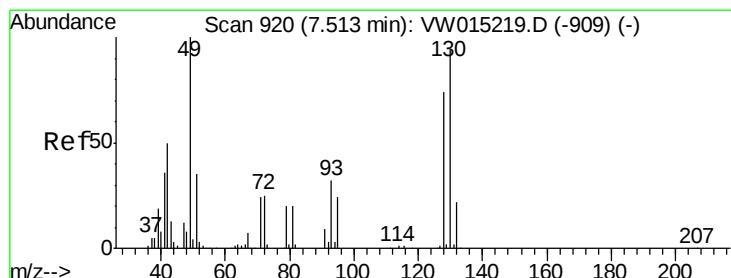
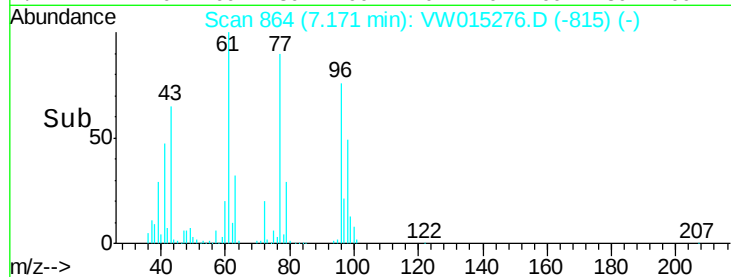
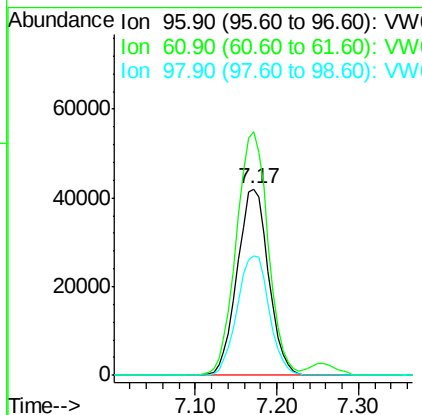
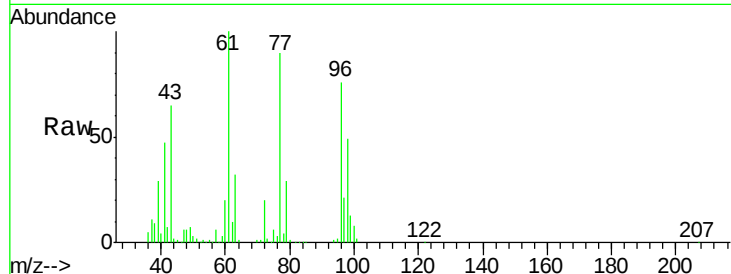
cis-1,2-Dichloroethene
Concen: 50.493 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	132.5	0.0	275.0	
98	65.4	0.0	130.8	

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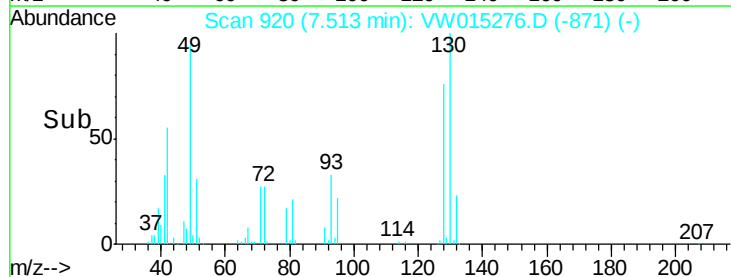
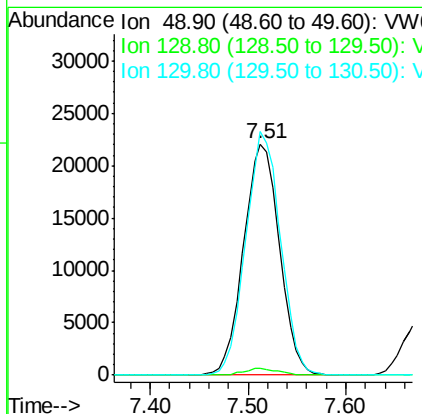
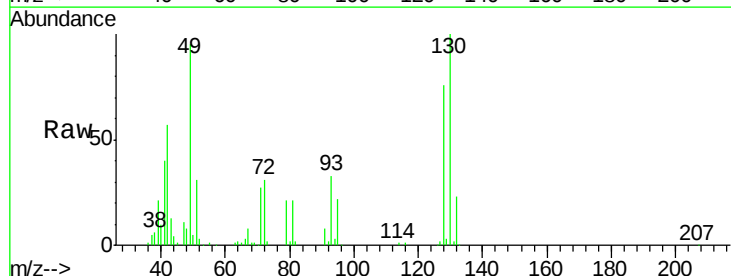
MMDadoda
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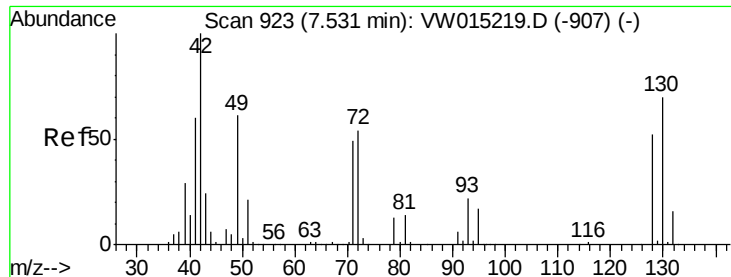


#28

Bromochloromethane
Concen: 48.318 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.7	0.0	4.6	
130	102.3	60.9	91.3#	





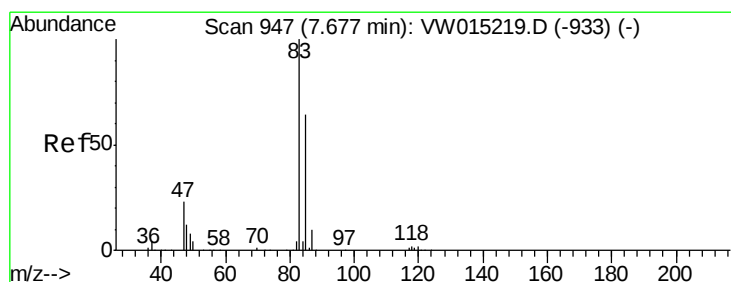
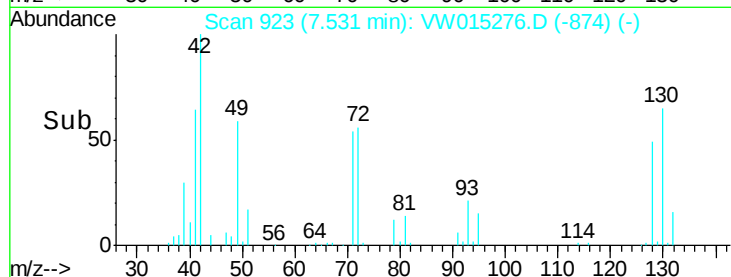
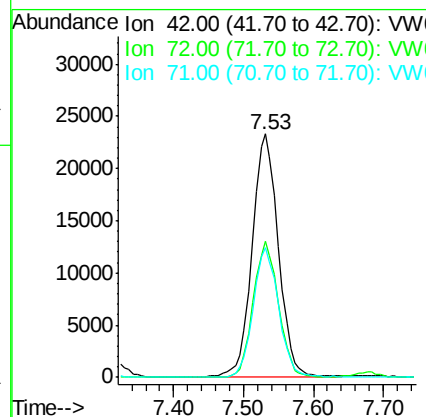
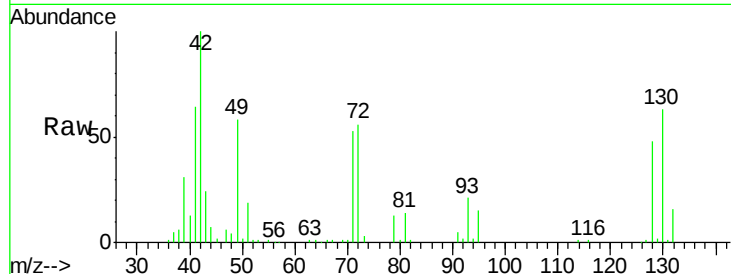
#29
Tetrahydrofuran
Concen: 242.465 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.9	36.2	54.2
71	51.5	34.2	51.4

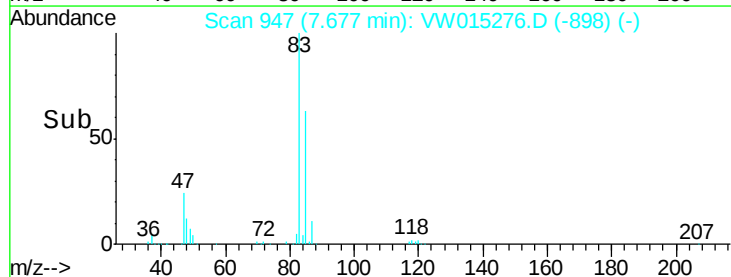
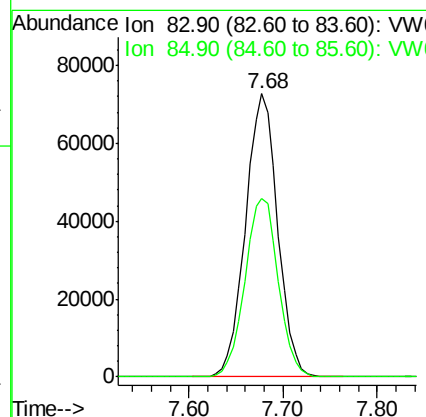
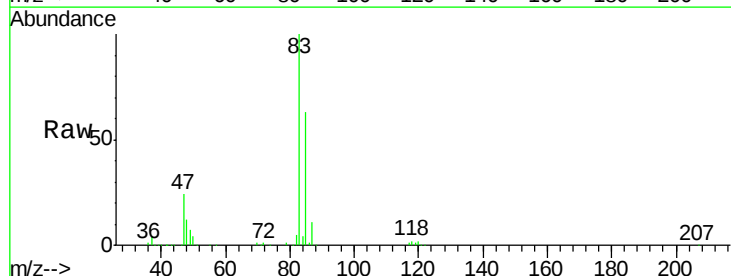
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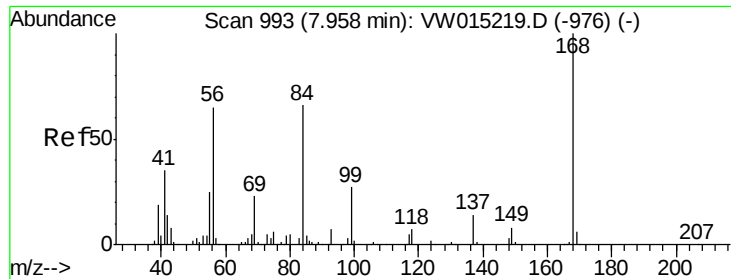
MMDadoda
4/22/2020 11:41:57 AM



#30
Chloroform
Concen: 50.319 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.9	76.3





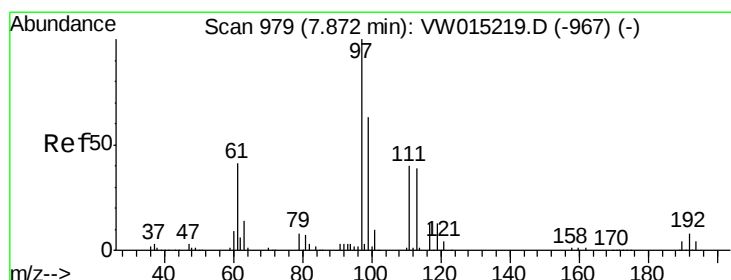
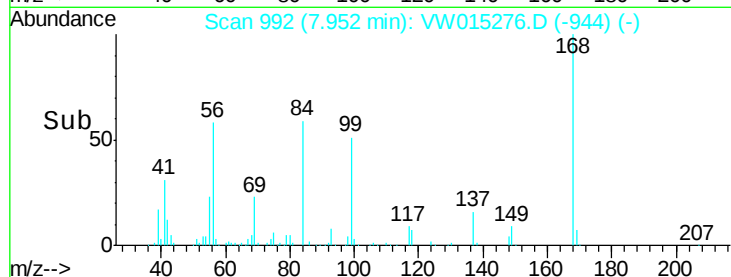
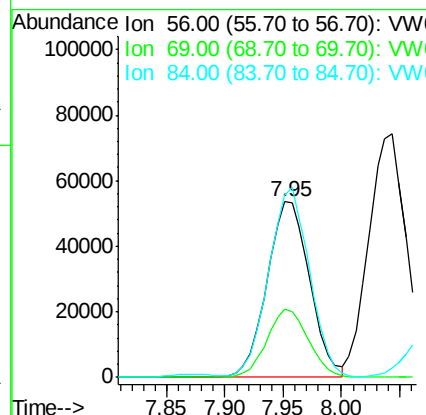
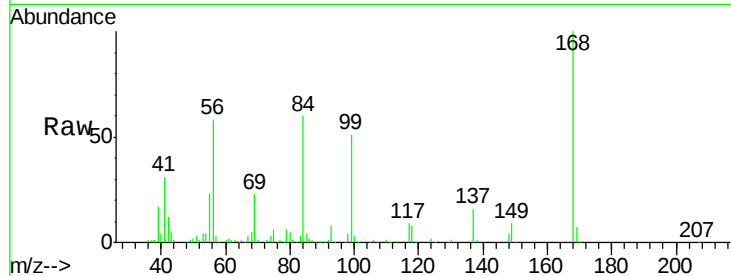
#31
Cyclohexane
Concen: 42.345 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.8	27.1	40.7
84	101.6	71.9	107.9

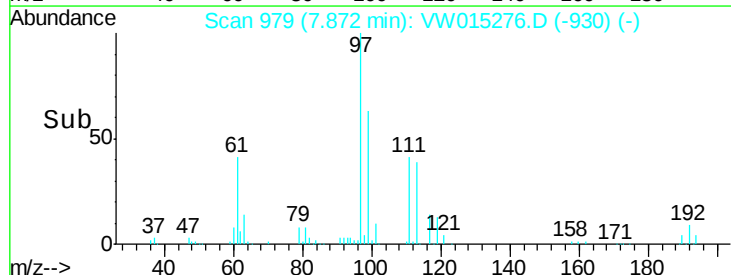
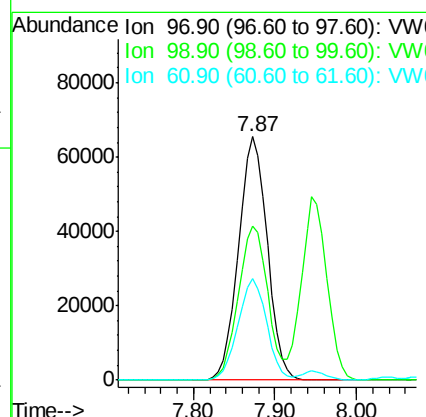
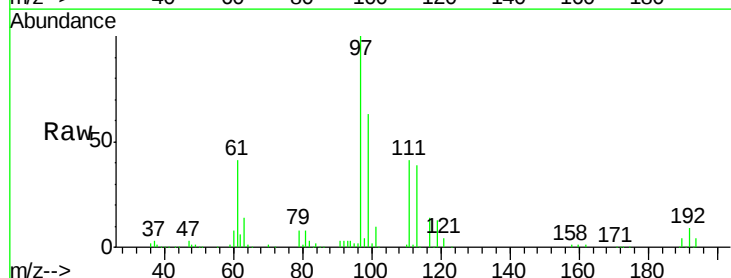
Manual Integrations
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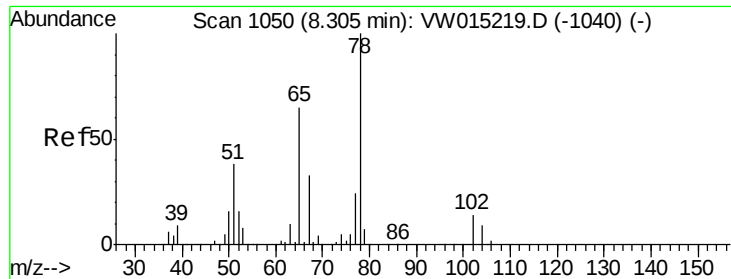
MMDadoda
4/22/2020 11:41:57 AM



#32
1,1,1-Trichloroethane
Concen: 47.756 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.2	78.2
61	41.6	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 49.026 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 85256

Ion Ratio Lower Upper

65 100

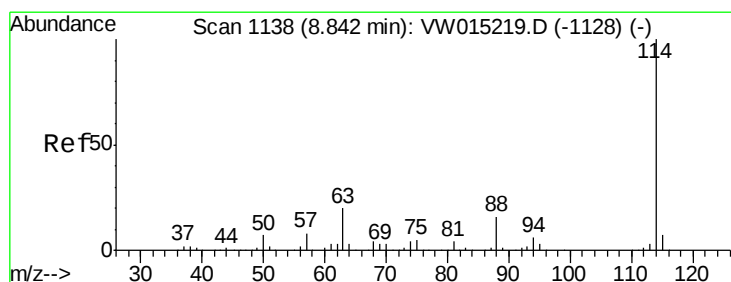
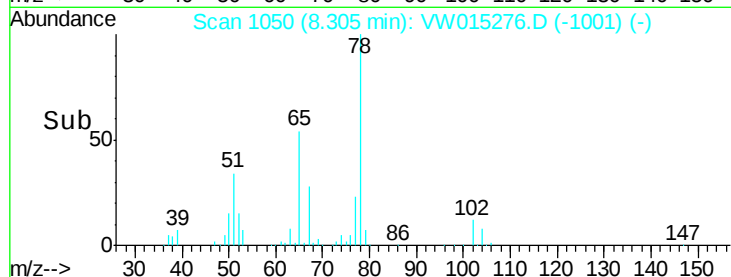
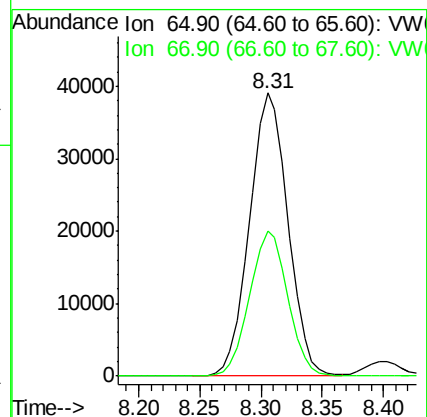
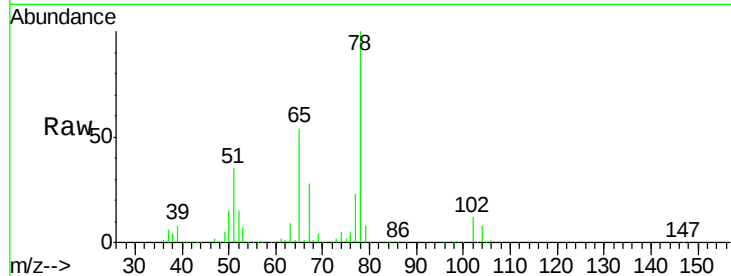
67 51.0 0.0 107.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

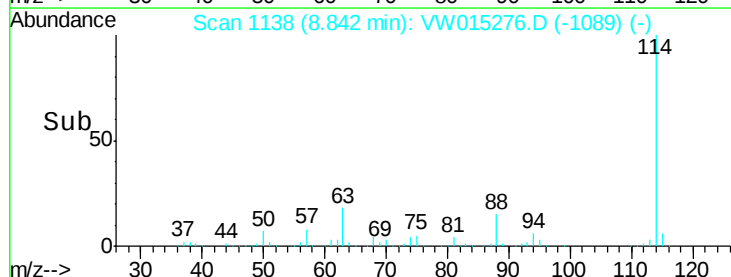
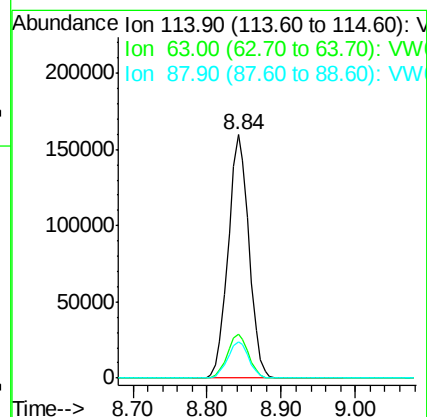
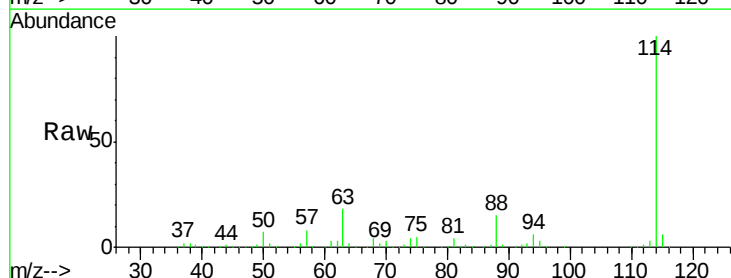
Tgt Ion: 114 Resp: 310300

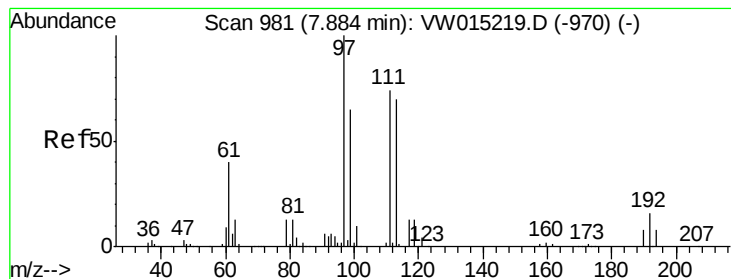
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.8

88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.654 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

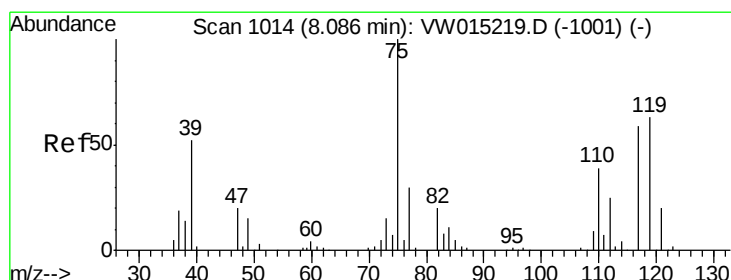
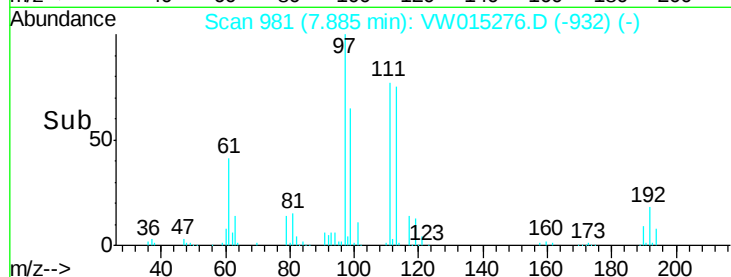
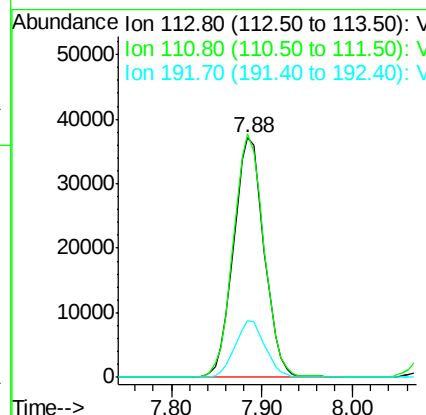
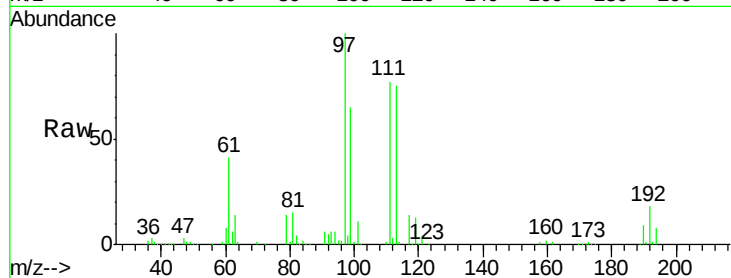
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	87064		
111	101.6	83.0	124.4	
192	23.1	15.1	22.7#	

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.511 ug/l

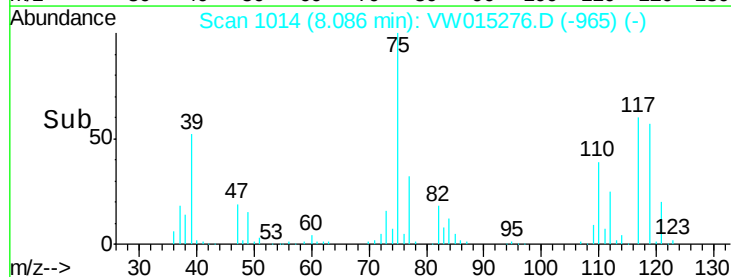
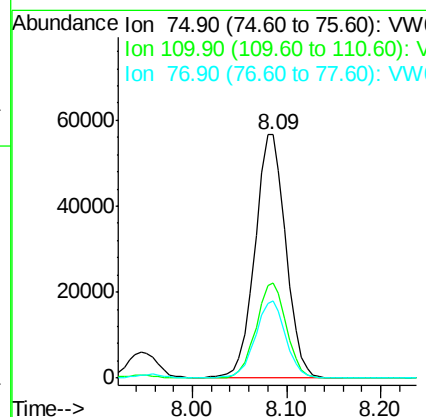
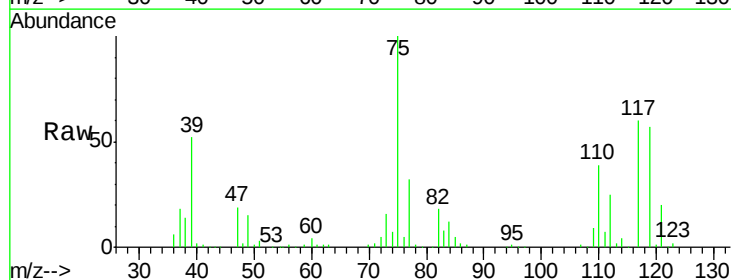
RT: 8.09 min Scan# 1014

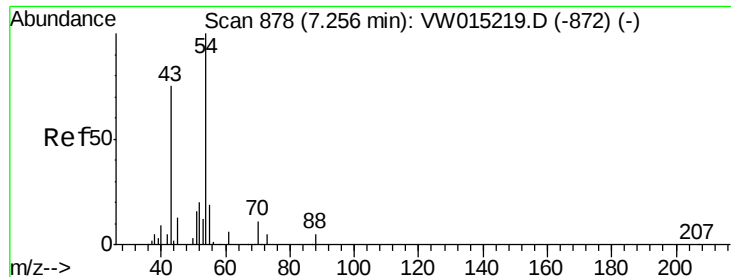
Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	130260		
110	38.3	18.2	54.6	
77	31.3	24.5	36.7	





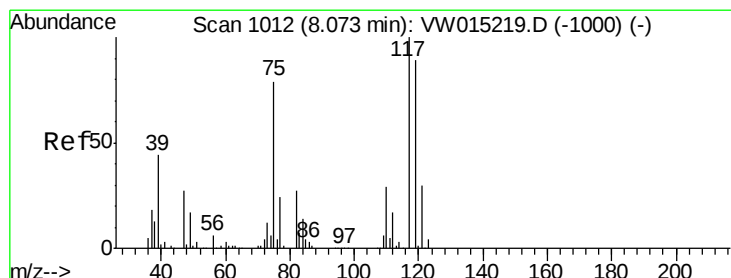
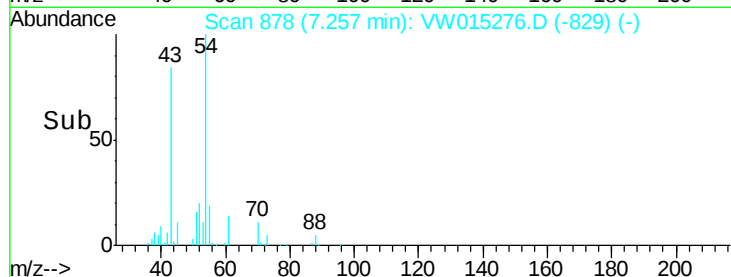
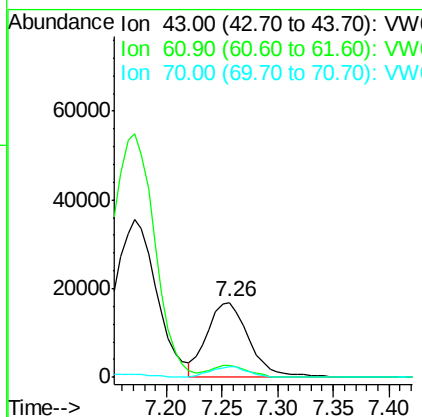
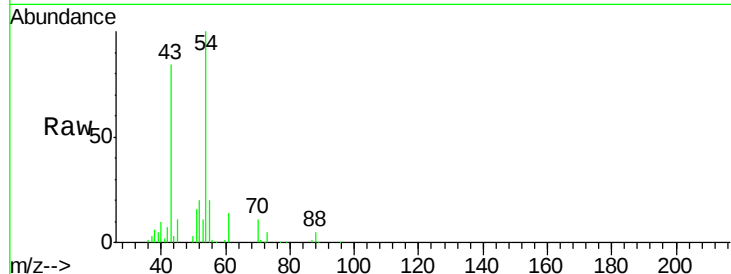
#37
Ethyl Acetate
Concen: 47.705 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	61	70
Resp	43360	15.2	13.4
Lower		11.9	8.8
Upper		17.9	13.2

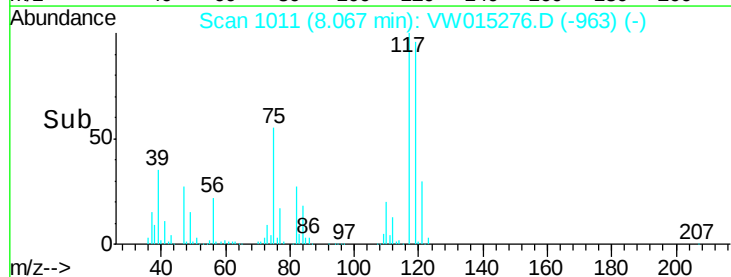
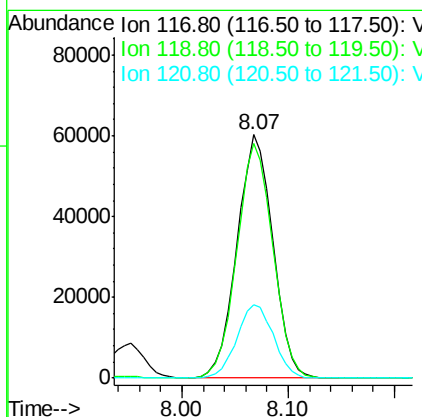
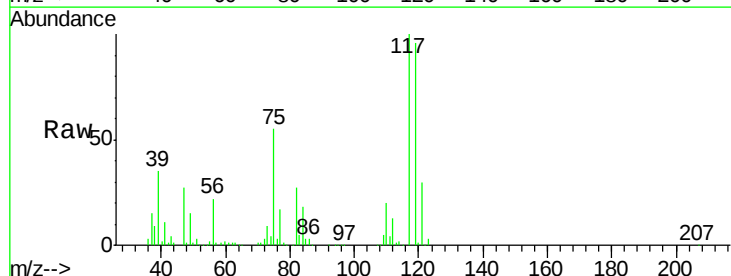
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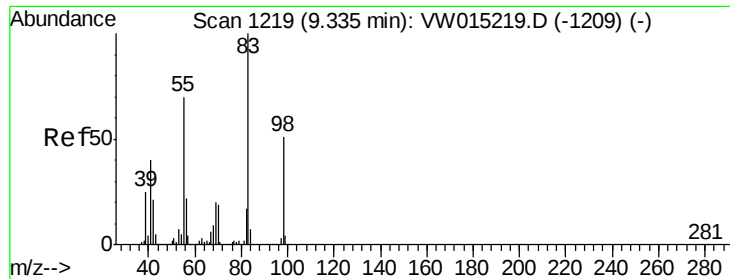
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#38
Carbon Tetrachloride
Concen: 46.601 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	117	119	121
Resp	142625	96.2	30.0
Lower		72.3	23.7
Upper		108.5	35.5





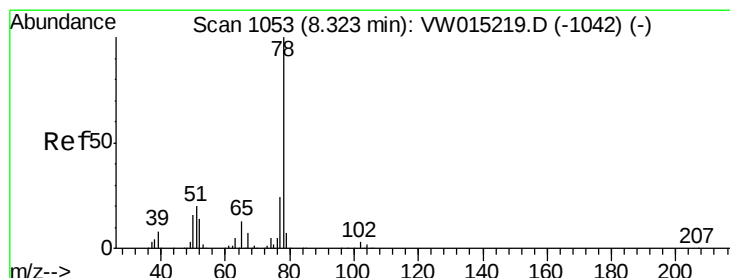
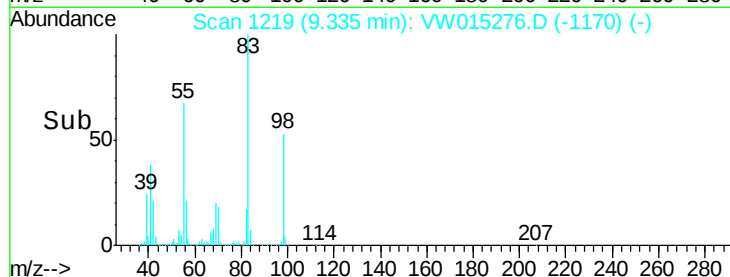
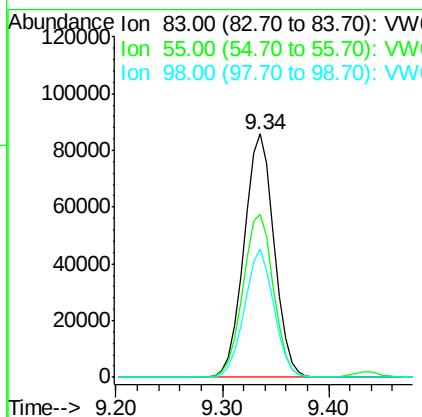
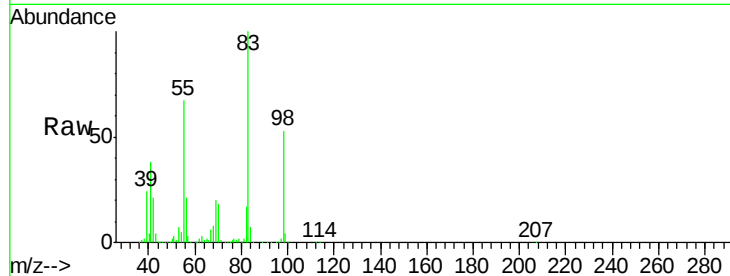
#39
Methvlcvclohexane
Concen: 45.738 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	170496
Ion Ratio	Lower	Upper	
83	100		
55	66.7	58.1	87.1
98	53.0	40.2	60.4

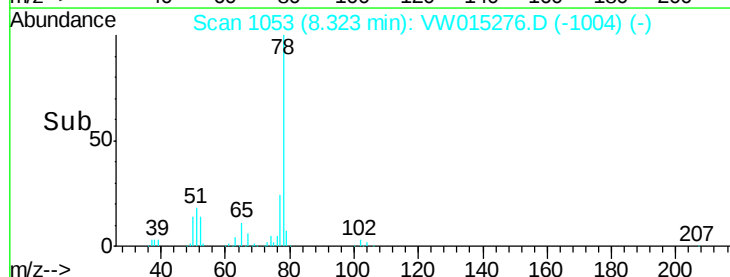
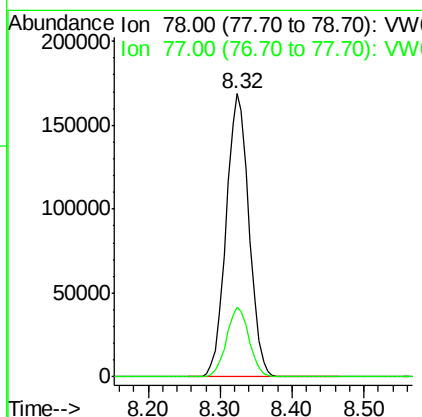
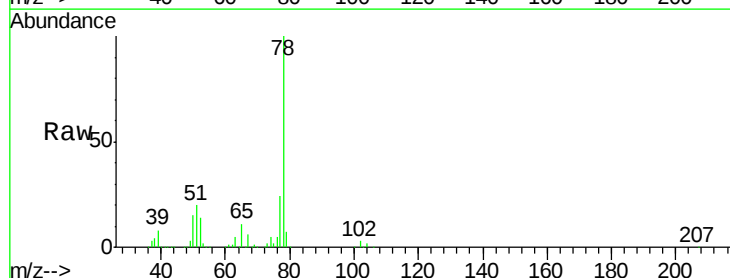
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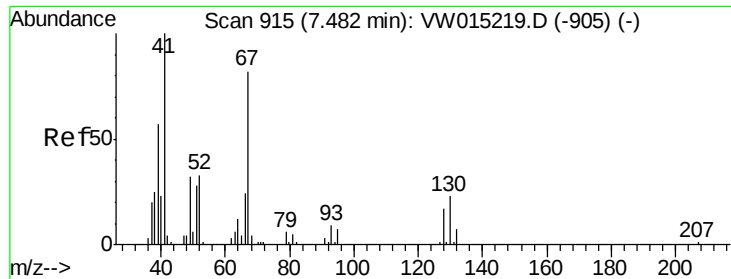
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#40
Benzene
Concen: 49.623 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	78	Resp	371240
Ion Ratio	Lower	Upper	
78	100		
77	24.5	18.2	27.2





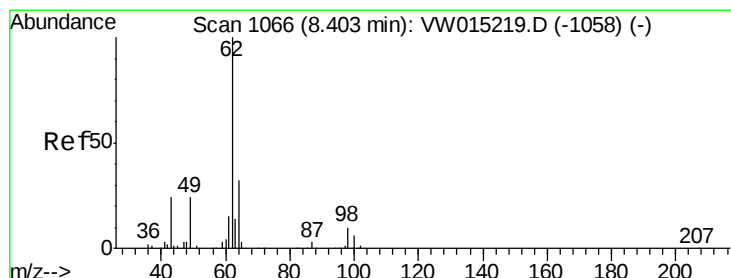
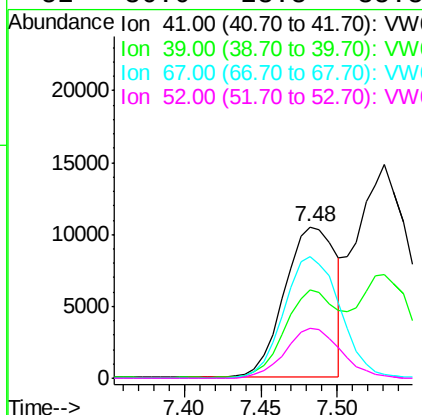
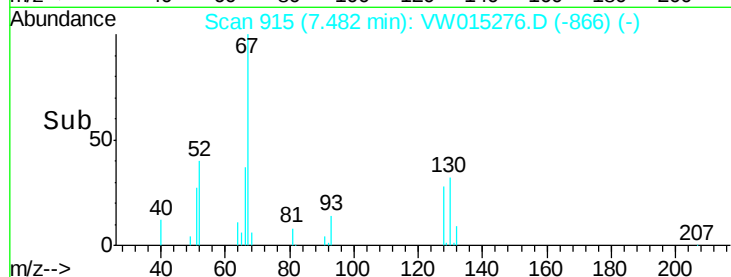
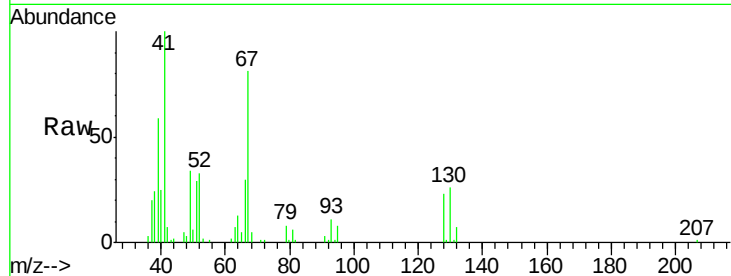
#41
Methacrylonitrile
Concen: 44.814 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		24440		
39	64.7	41.9	62.9#		
67	89.5	60.6	91.0		
52	36.0	23.8	35.8#		

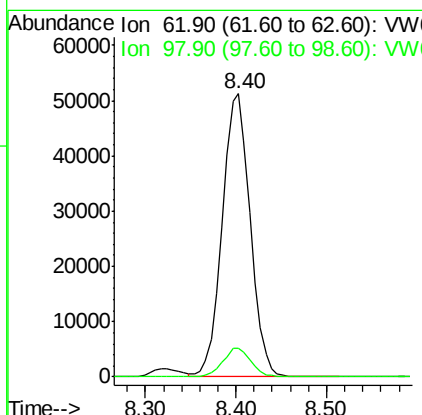
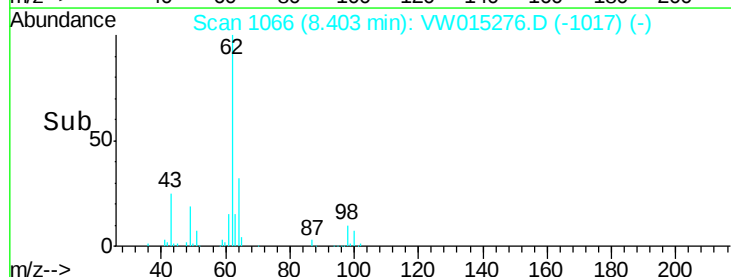
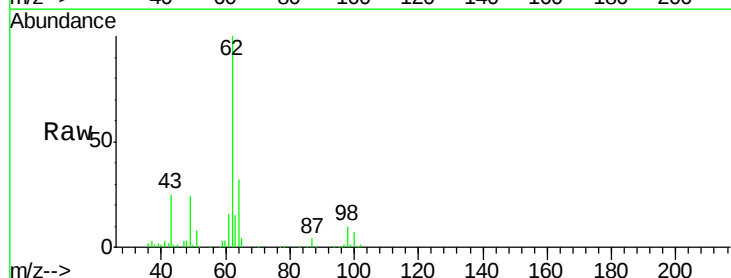
Manual Integrations
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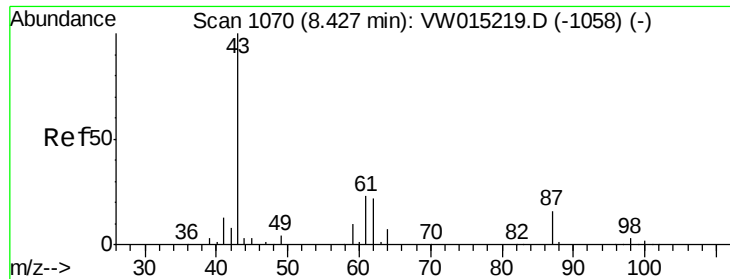
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.837 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		109761		
98	10.1	0.0	20.4		





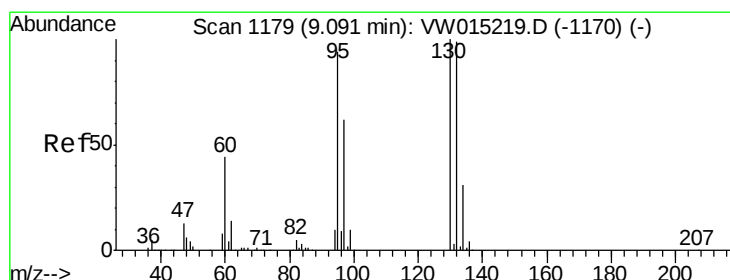
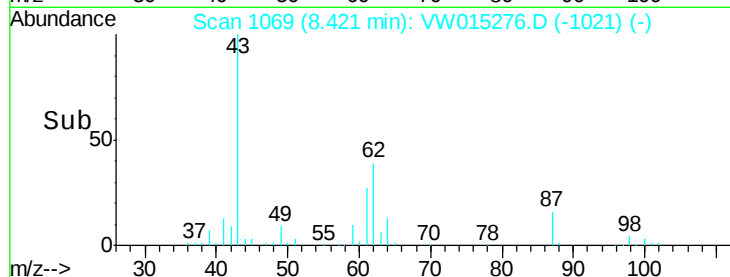
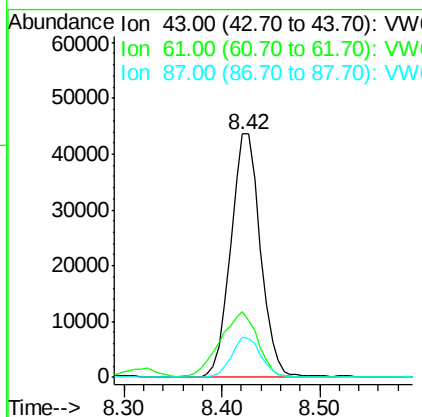
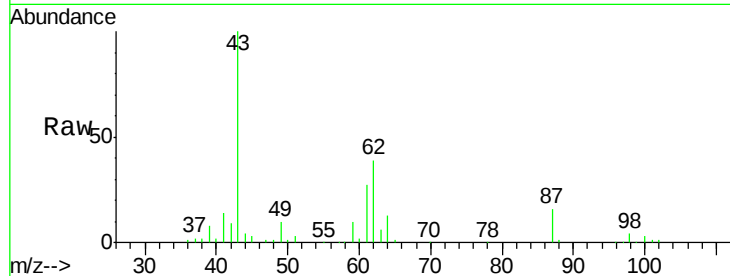
#43
Isopropyl Acetate
Concen: 48.045 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	34.3	24.8	37.2
87	16.3	11.4	17.2

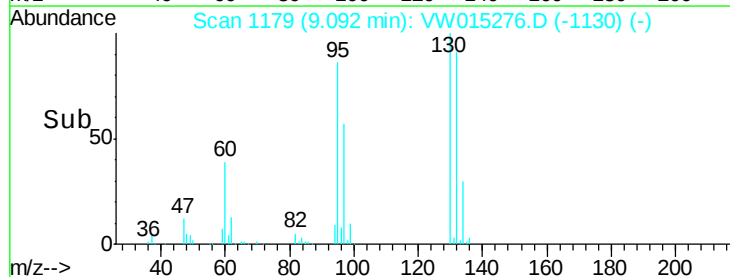
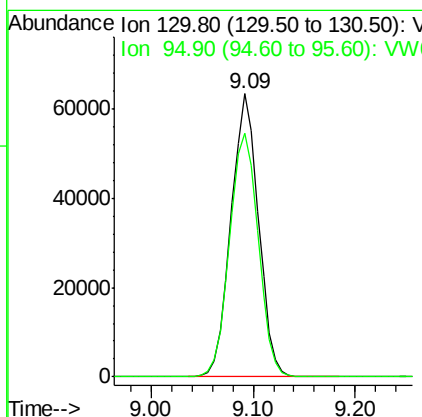
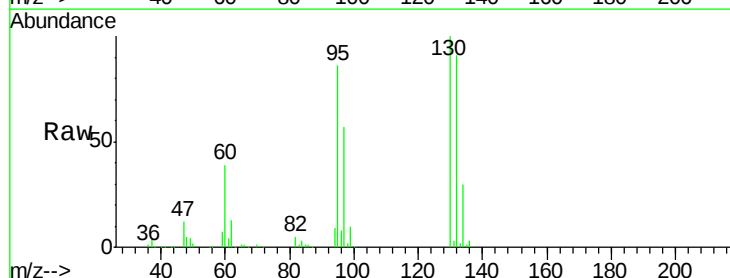
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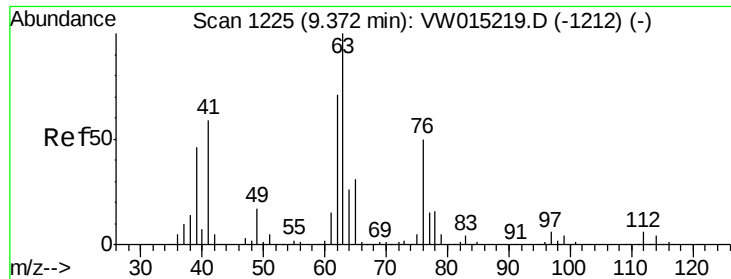
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#44
Trichloroethene
Concen: 51.551 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.0	0.0	196.4





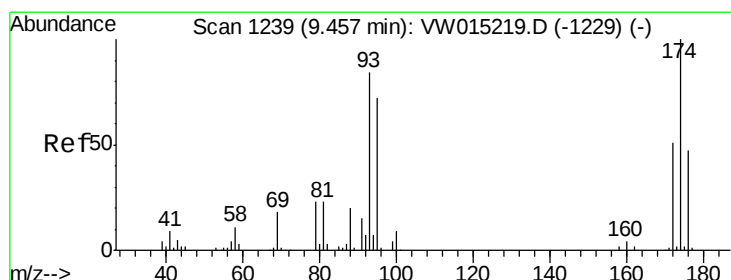
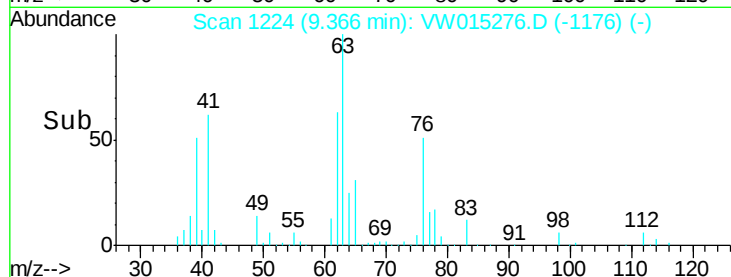
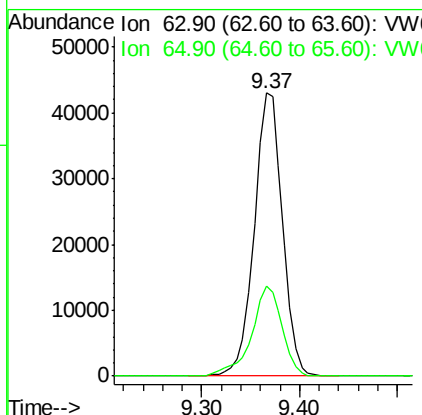
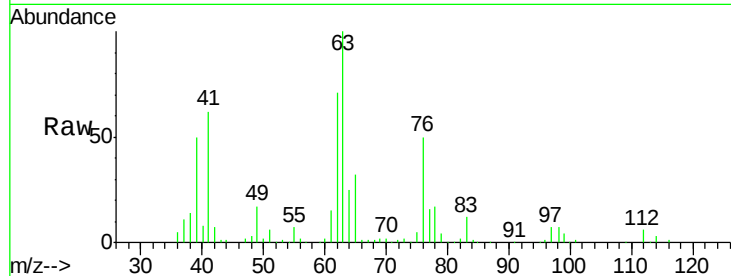
#45
 1,2-Dichloropropane
 Concen: 49.650 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 86379
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.5 38.3

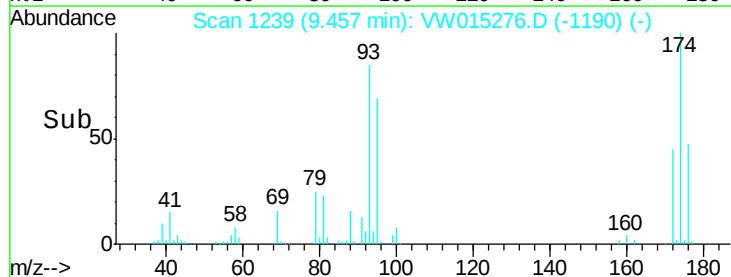
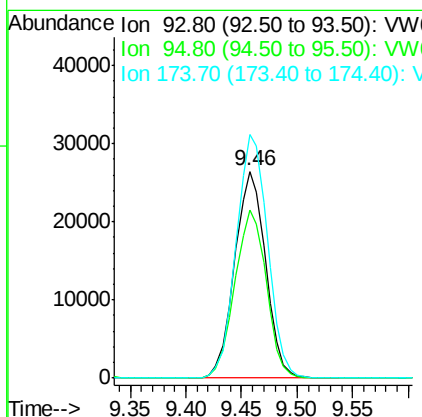
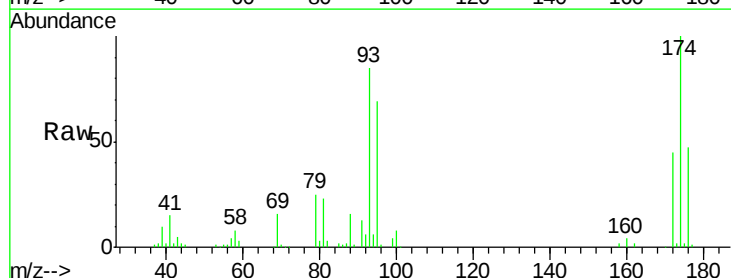
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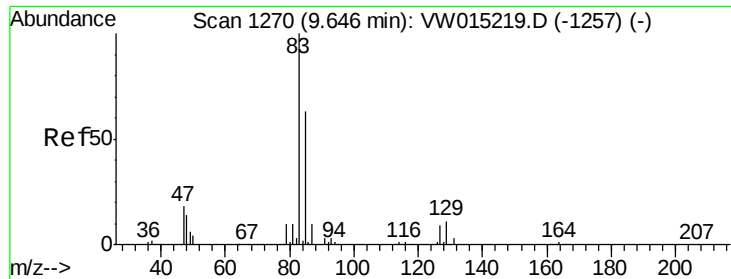
MMDadoda
 4/22/2020 11:41:57 AM



#46
 Dibromomethane
 Concen: 50.556 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion: 93 Resp: 50879
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.5 101.3
 174 119.4 74.1 111.1#





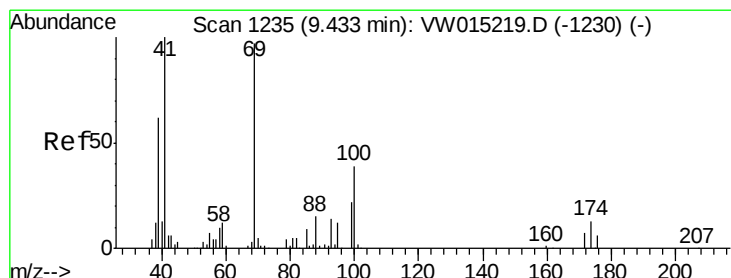
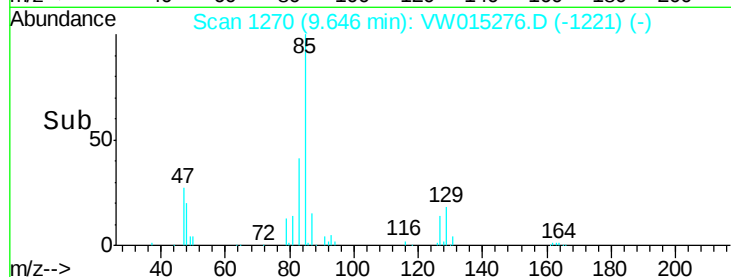
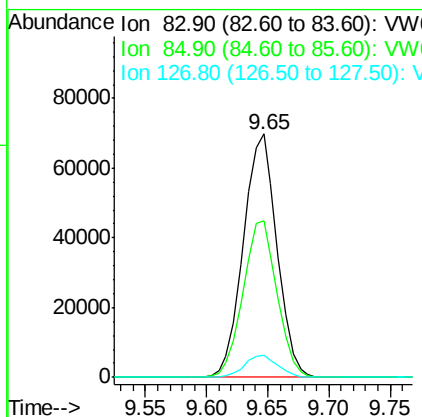
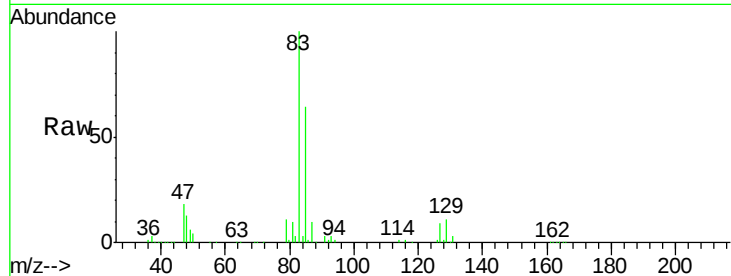
#47
Bromodichloromethane
Concen: 49.444 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	133020		
85	64.4	50.6	76.0	
127	9.2	6.7	10.1	

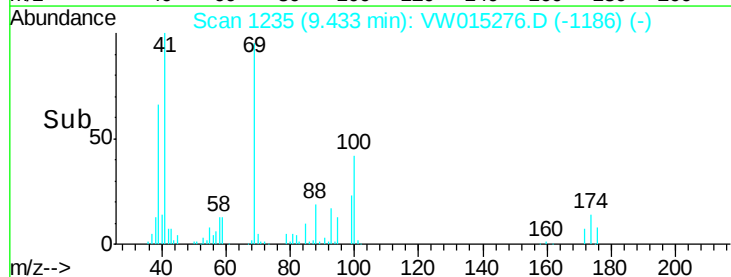
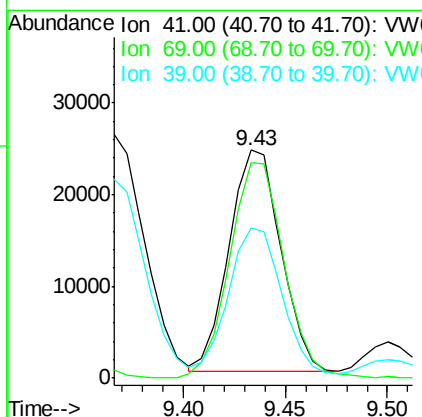
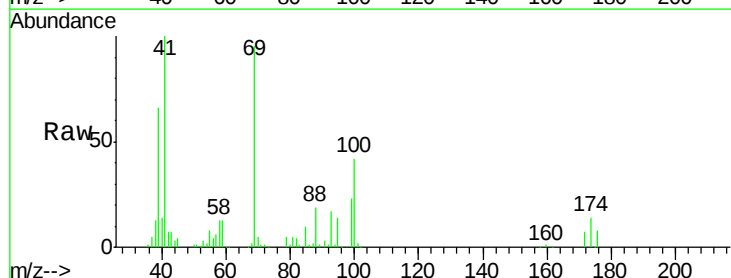
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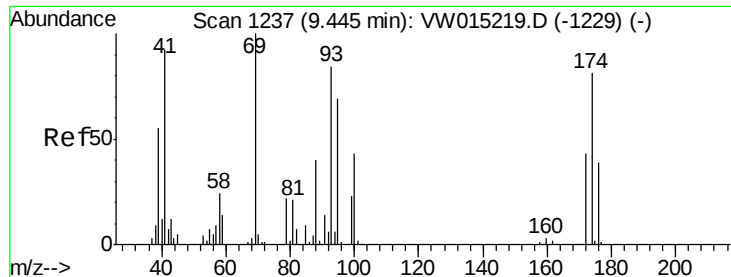
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#48
Methyl methacrylate
Concen: 46.834 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	42206		
69	103.9	70.6	105.8	
39	72.5	42.6	64.0	





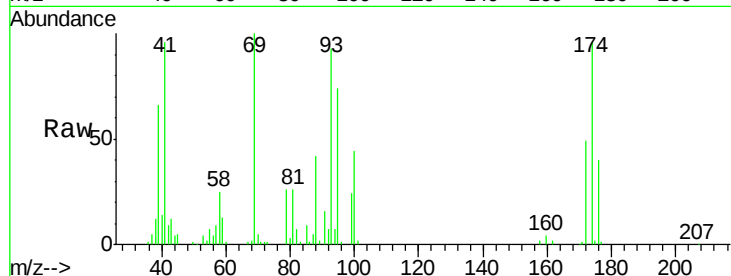
#49
1,4-Dioxane
Concen: 1090.908 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

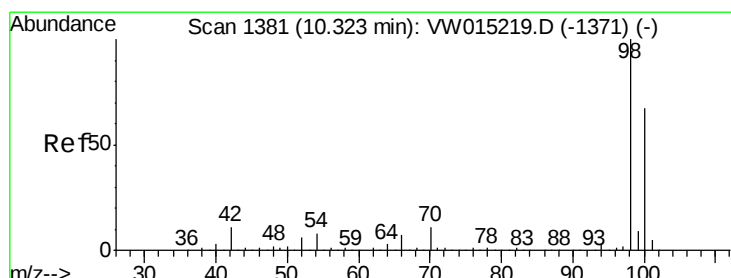
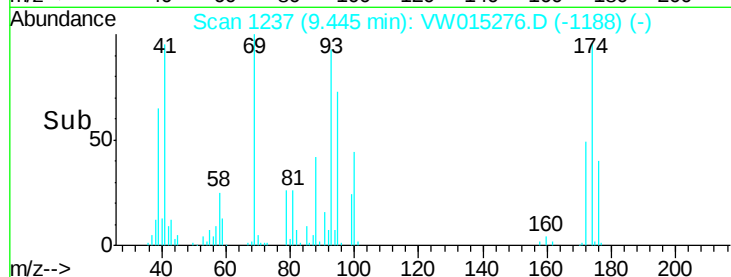
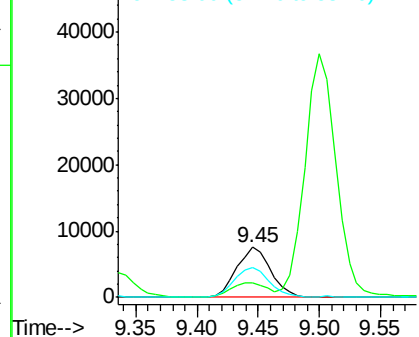
Tot Ion	88	Resp	14636
Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.5	35.3
58	60.7	55.4	83.2

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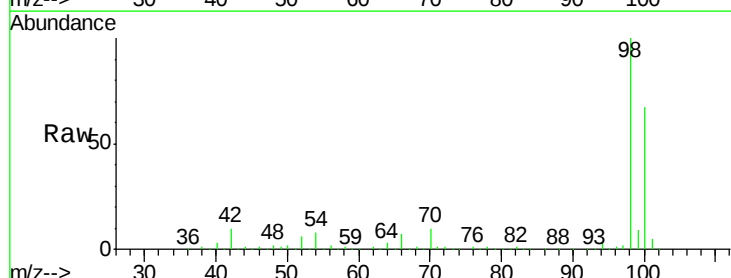


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

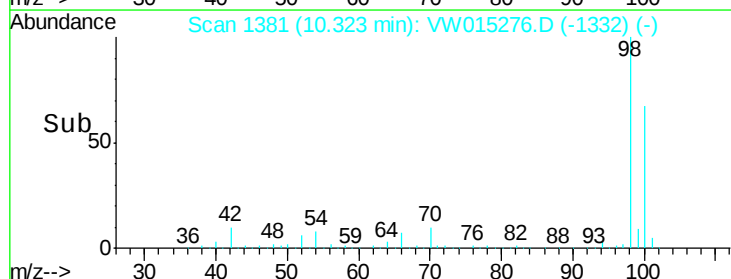
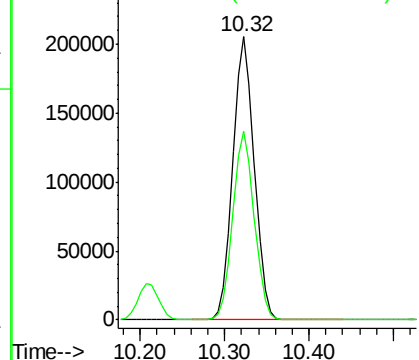


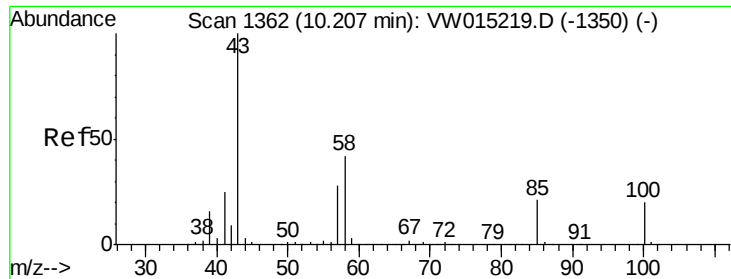
#50
Toluene-d8
Concen: 49.265 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	98	Resp	356212
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3



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: 246.859 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 220910

Ion Ratio Lower Upper

43 100

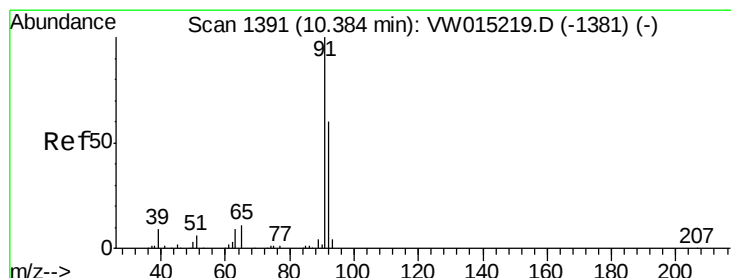
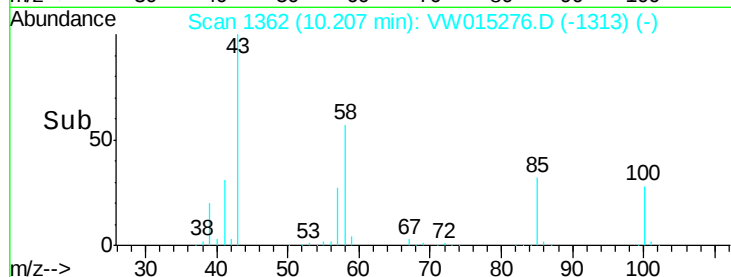
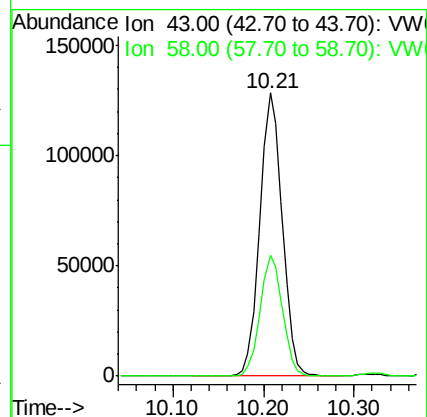
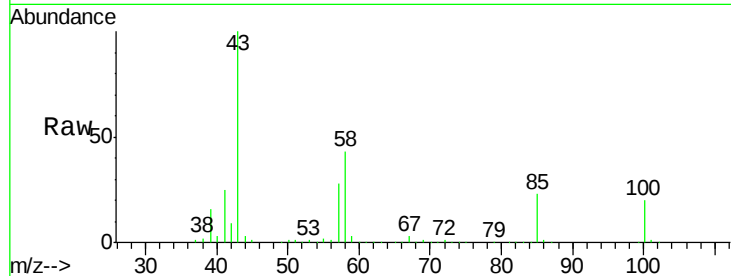
58 42.3 32.3 48.5

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#52

Toluene

Concen: 50.686 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015276.D

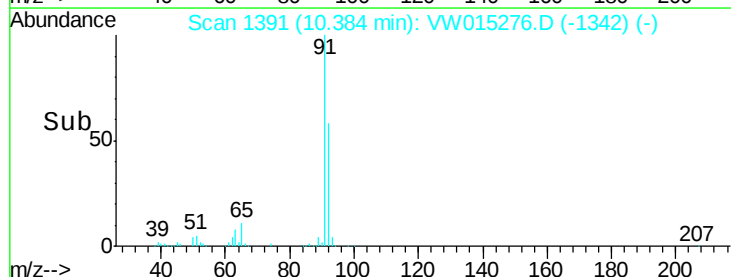
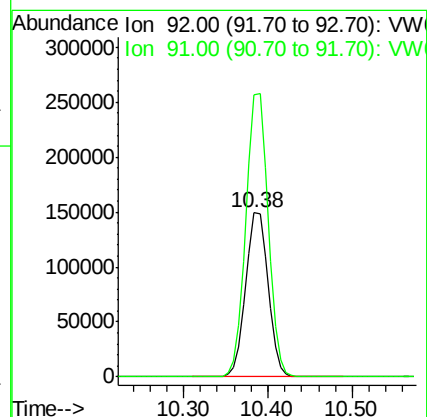
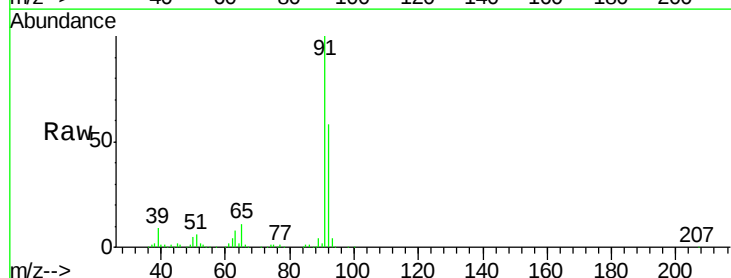
Acq: 21 Apr 2020 21:20

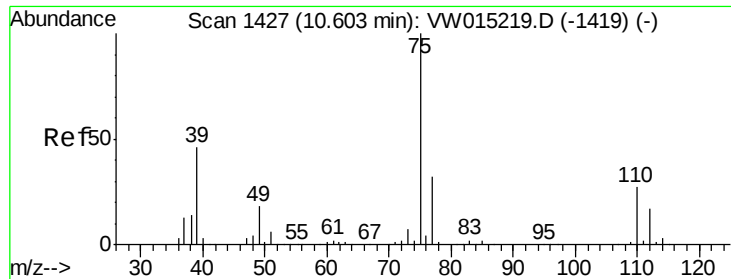
Tgt Ion: 92 Resp: 265382

Ion Ratio Lower Upper

92 100

91 171.5 137.1 205.7





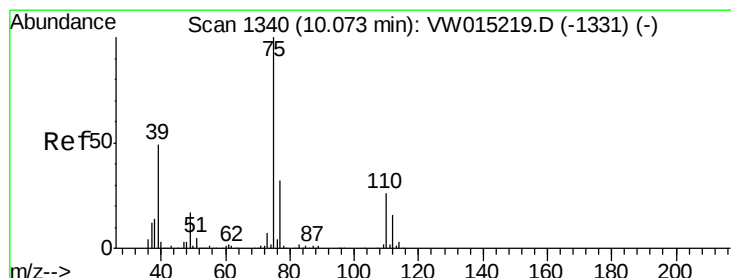
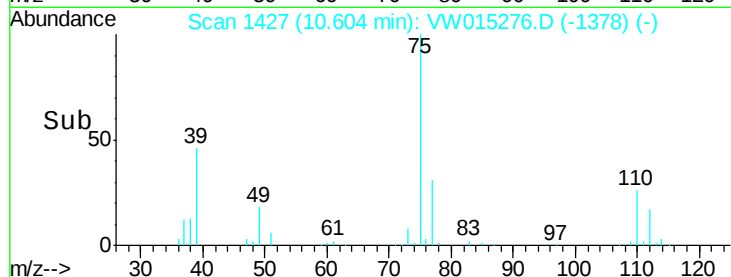
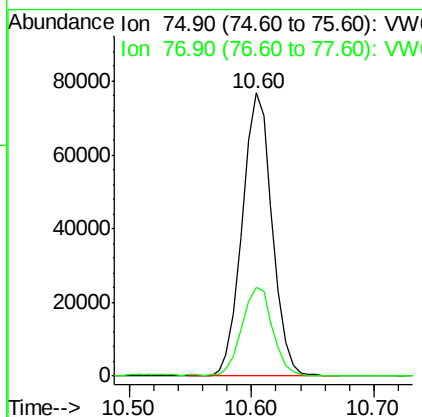
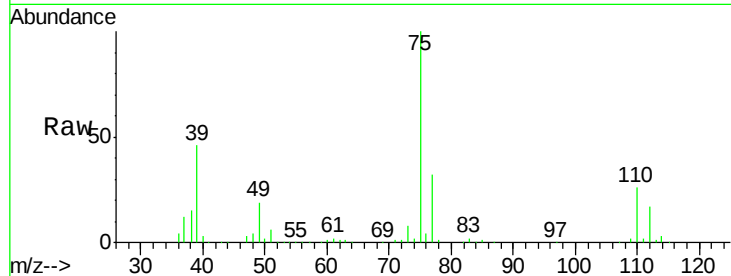
#53
t-1,3-Dichloropropene
Concen: 49.202 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3

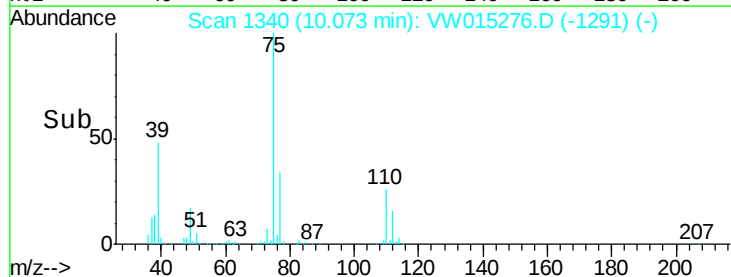
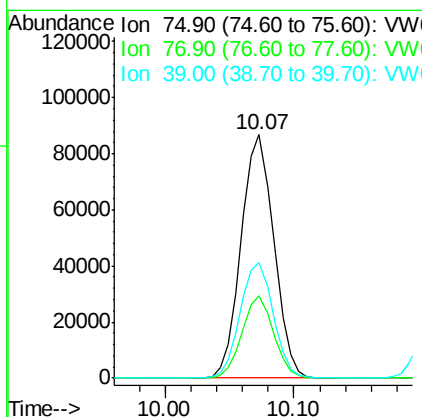
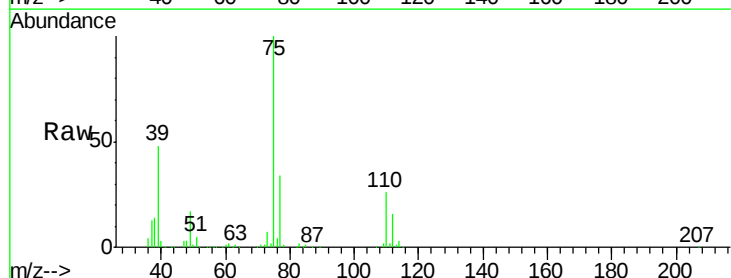
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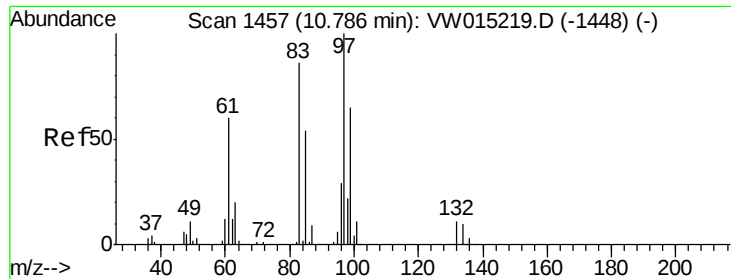
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#54
cis-1,3-Dichloropropene
Concen: 49.551 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.6	39.8
39	47.6	37.8	56.6





#55

1,1,2-Trichloroethane

Concen: 51.633 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 72762

Ion Ratio Lower Upper

97 100

83 79.7 67.3 100.9

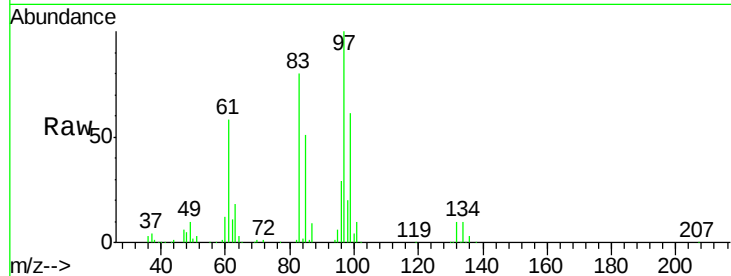
85 51.0 43.8 65.8

99 60.6 51.4 77.0

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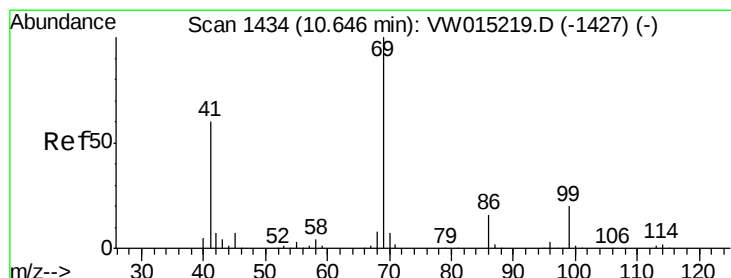
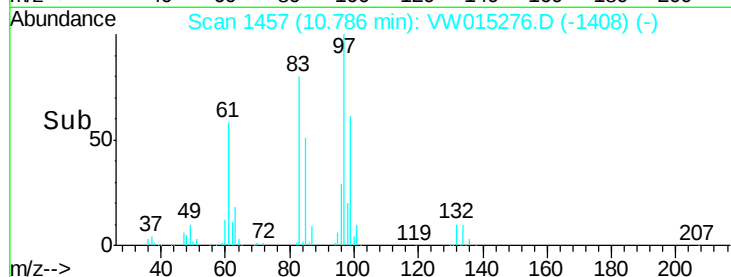
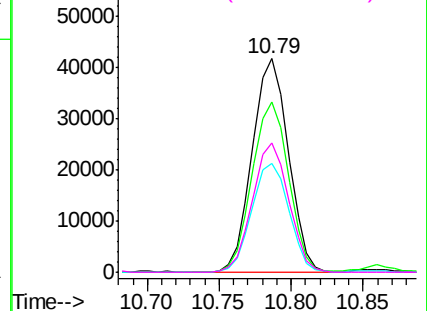


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 50.529 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

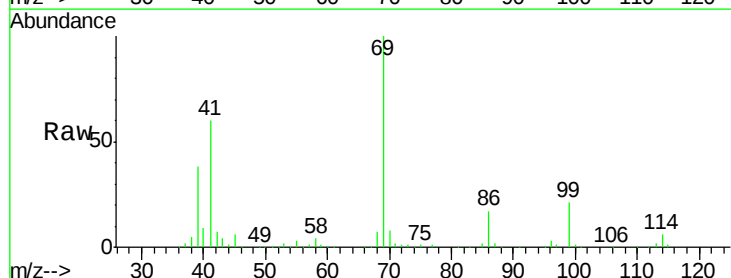
Tgt Ion: 69 Resp: 91732

Ion Ratio Lower Upper

69 100

41 58.2 51.3 76.9

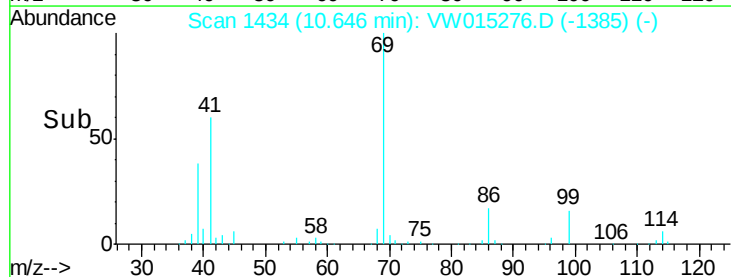
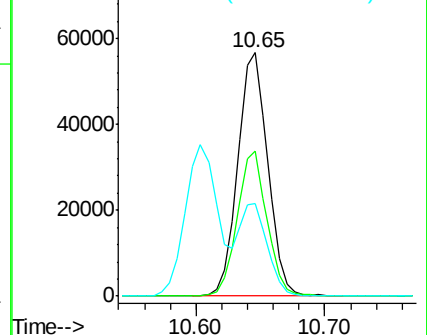
39 35.0 24.6 37.0



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





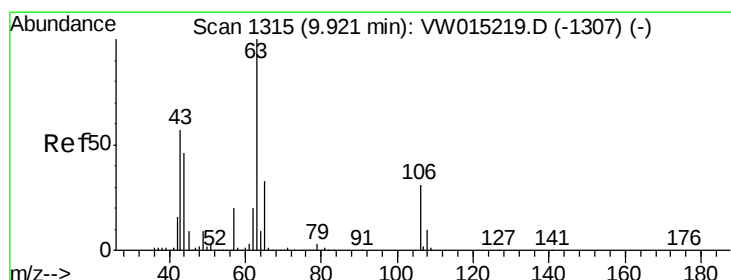
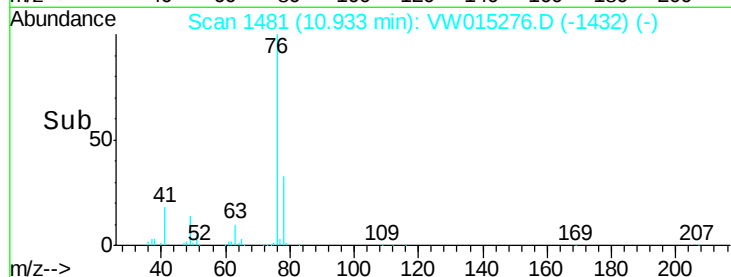
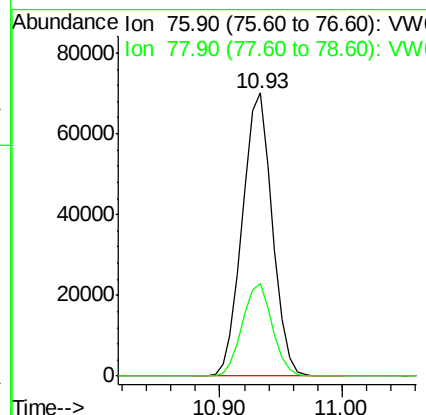
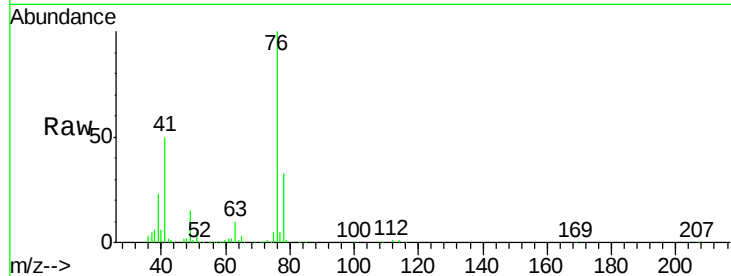
#57
 1,3-Dichloropropane
 Concen: 50.895 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.4

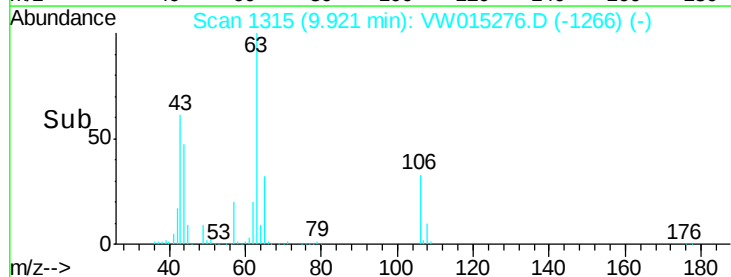
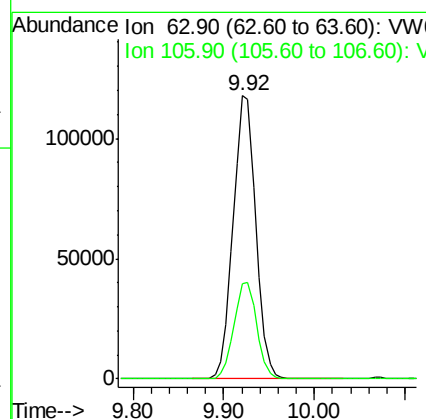
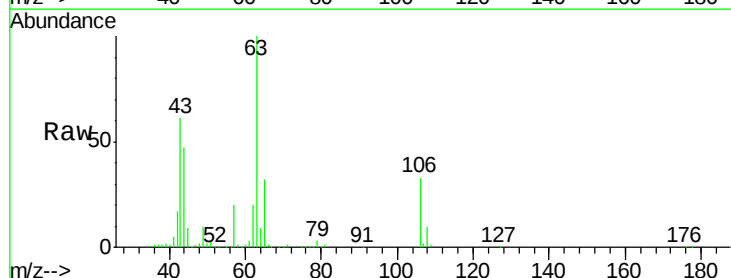
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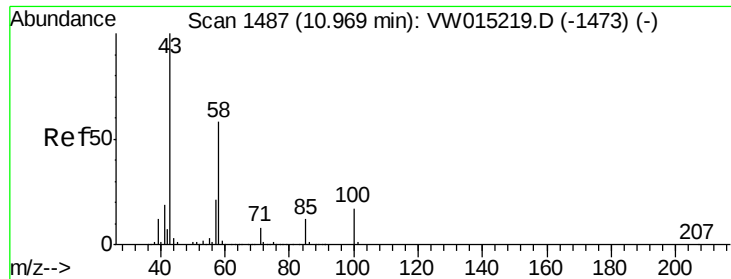
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#58
 2-Chloroethyl Vinyl ether
 Concen: 242.204 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	34.5	22.6	33.8#





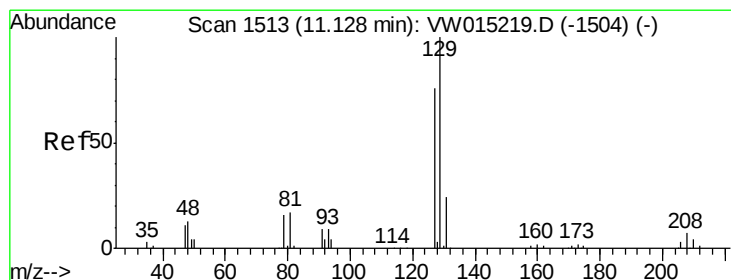
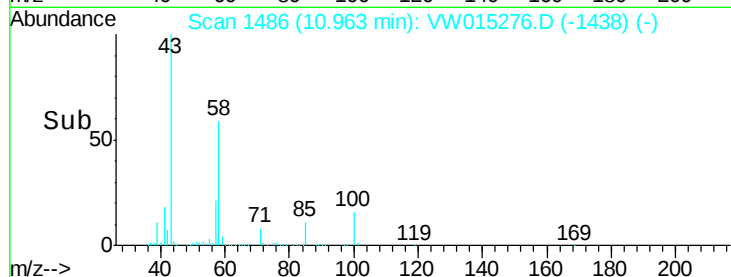
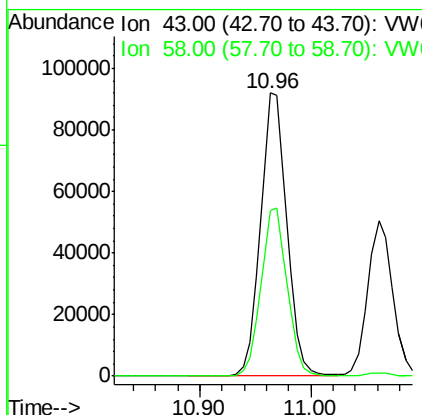
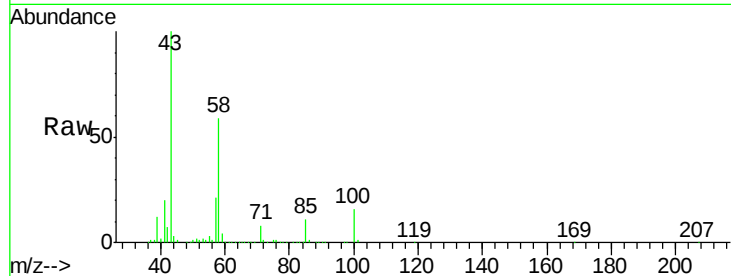
#59
2-Hexanone
Concen: 238.580 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 152405
Ion Ratio Lower Upper
43 100
58 58.7 28.1 84.3

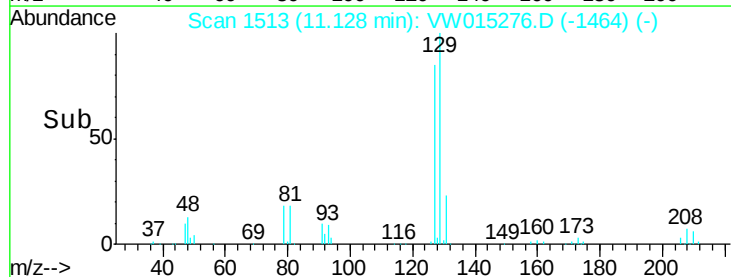
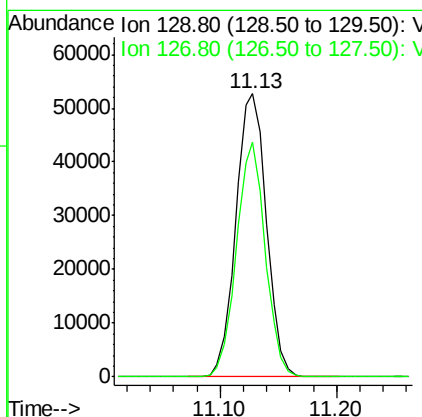
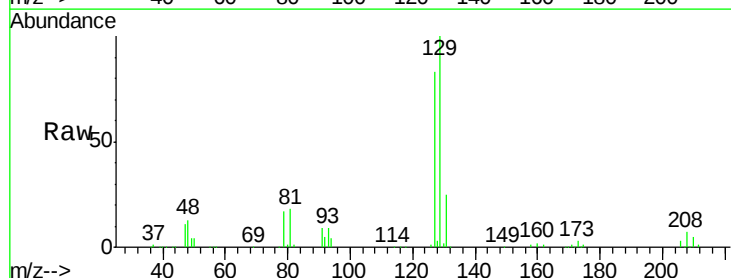
Manual Integrations
APPROVED

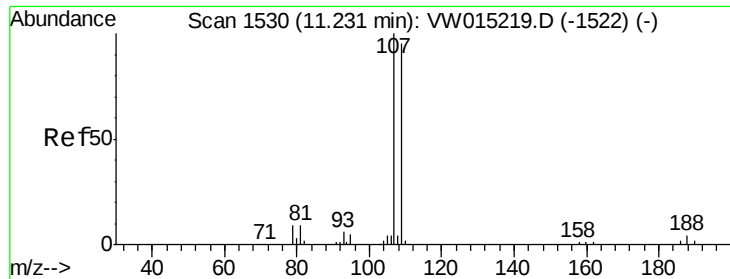
MMDadoda
4/22/2020 11:41:57 AM



#60
Dibromochloromethane
Concen: 51.749 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion: 129 Resp: 96286
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





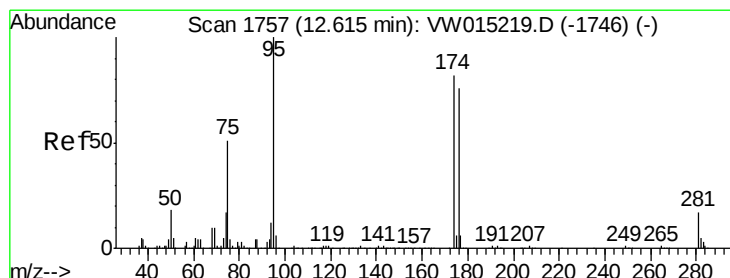
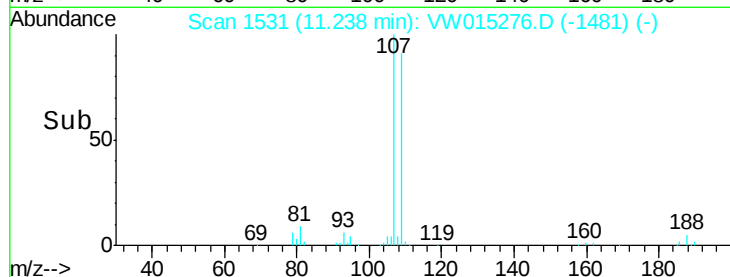
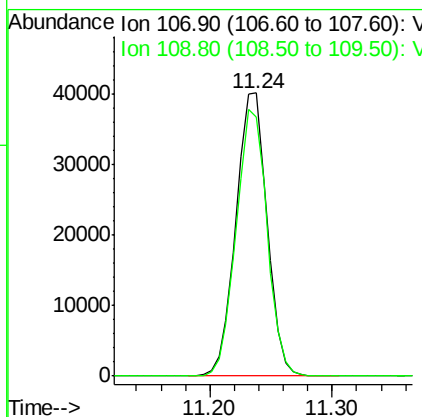
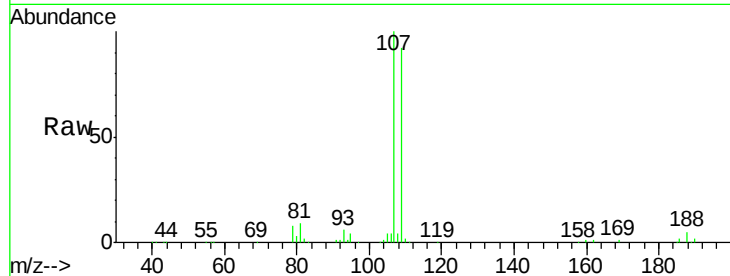
#61
 1,2-Dibromoethane
 Concen: 51.634 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	74.3	111.5

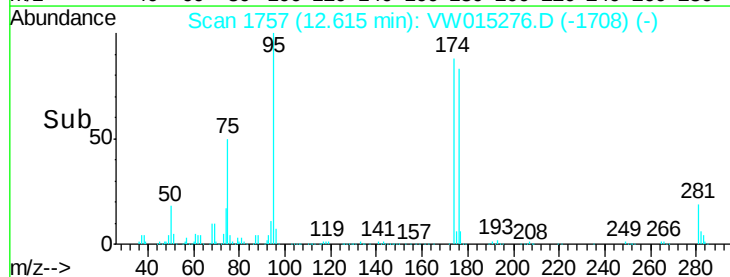
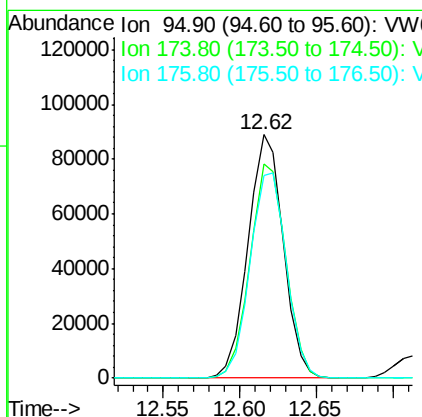
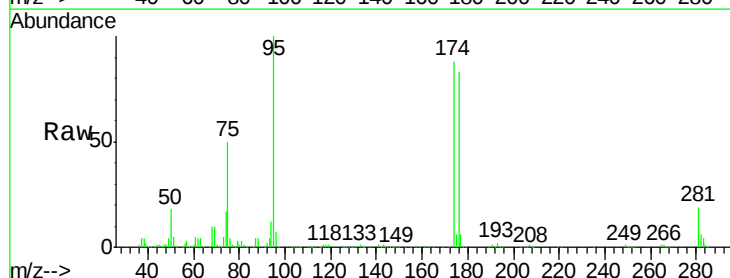
Manual Integrations
 APPROVED

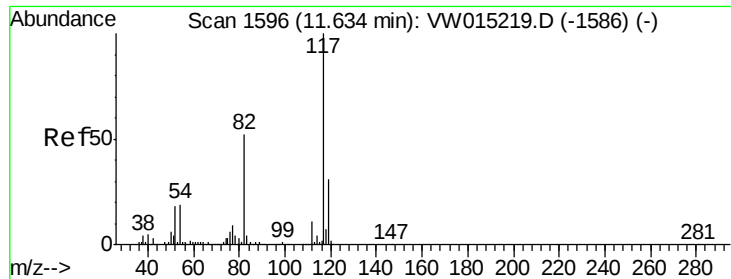
MMDadoda
 4/22/2020 11:41:57 AM



#62
 4-Bromofluorobenzene
 Concen: 51.664 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	144.4
176	87.4	0.0	140.6





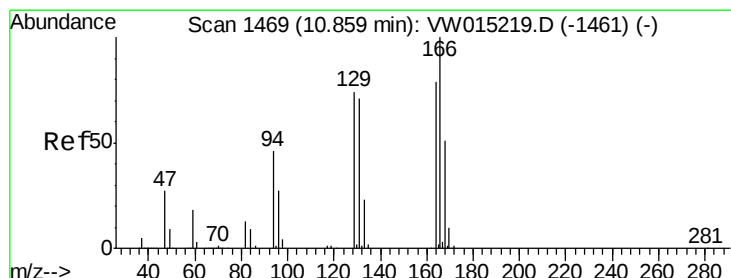
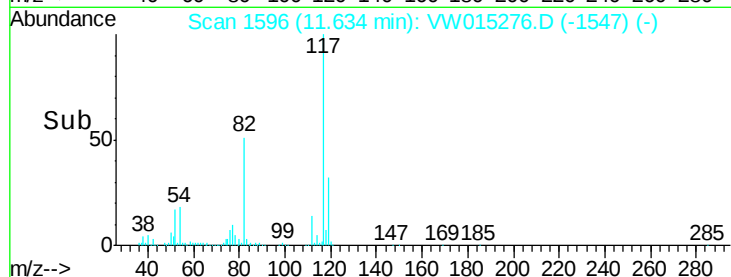
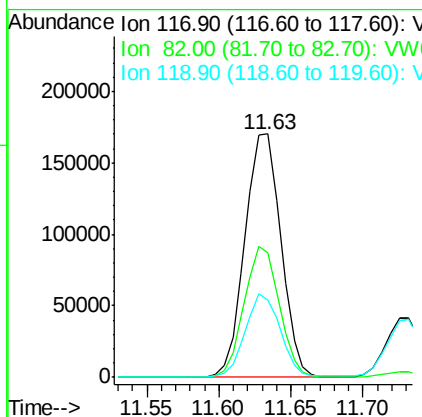
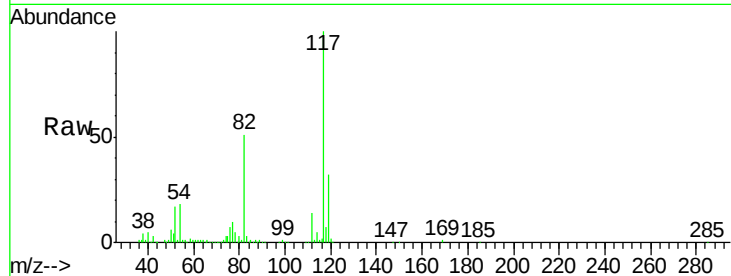
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	294942		
82	50.9		44.1	66.1
119	31.4		24.9	37.3

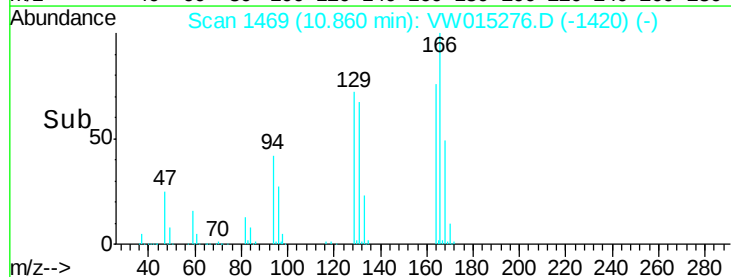
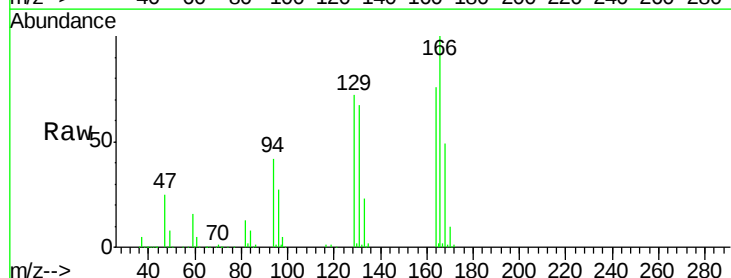
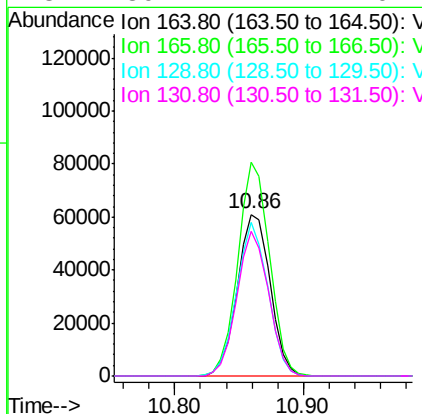
Manual Integrations
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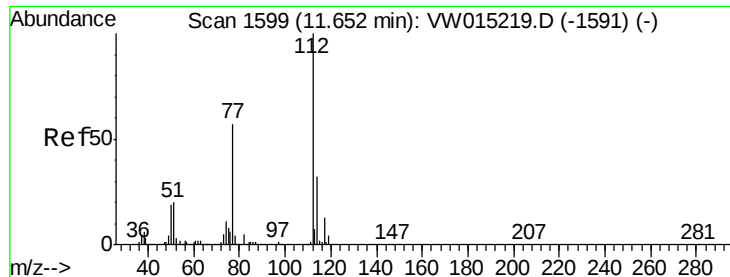
MMDadoda
4/22/2020 11:41:57 AM



#64
Tetrachloroethene
Concen: 51.013 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107383		
166	132.2		102.6	154.0
129	94.7		80.2	120.2
131	89.2		77.4	116.2





#65

Chlorobenzene

Concen: 51.626 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 298791

Ion Ratio Lower Upper

112 100

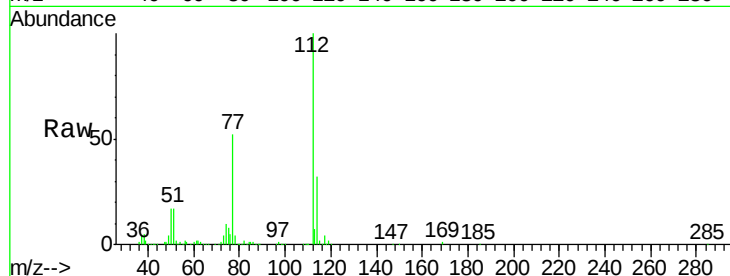
114 31.9 25.8 38.6

Manual Integrations

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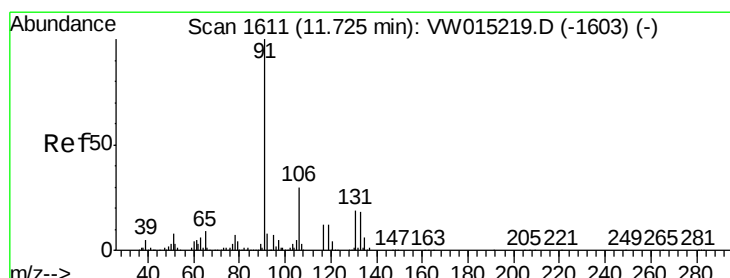
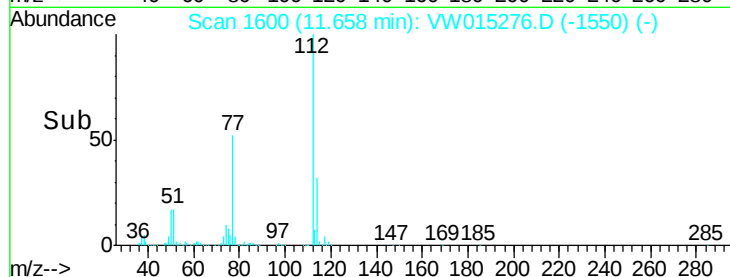
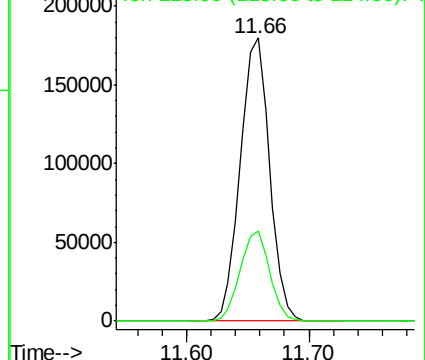
MMDadoda

4/22/2020 11:41:57 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.362 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

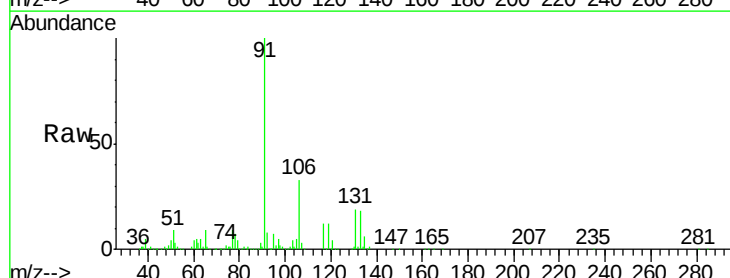
Tgt Ion:131 Resp: 108920

Ion Ratio Lower Upper

131 100

133 94.7 47.7 143.1

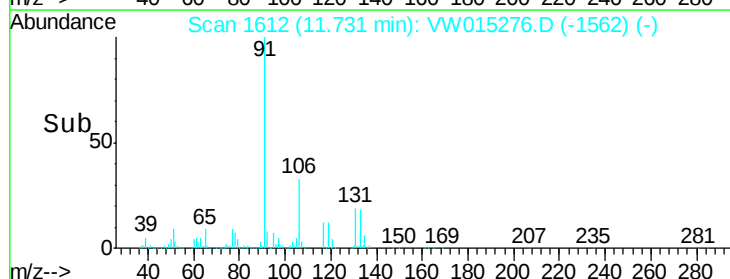
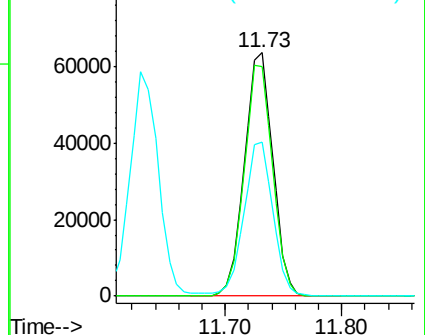
119 63.4 34.0 101.8

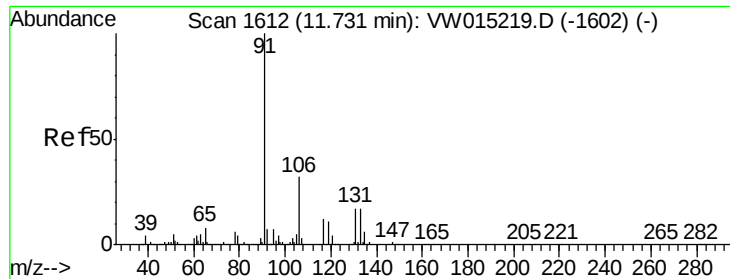


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





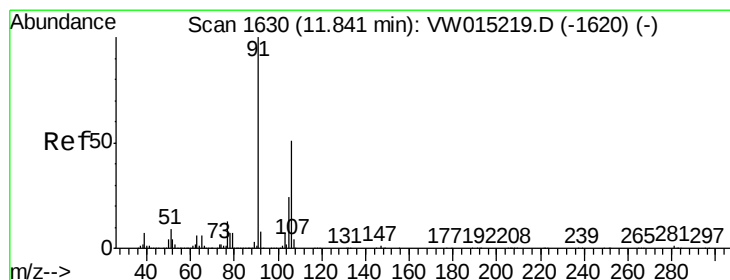
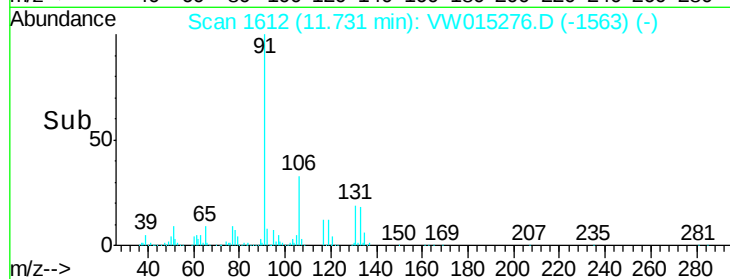
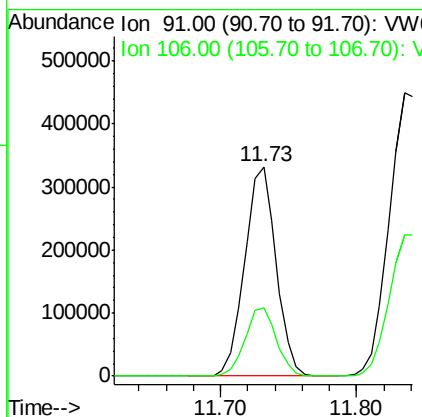
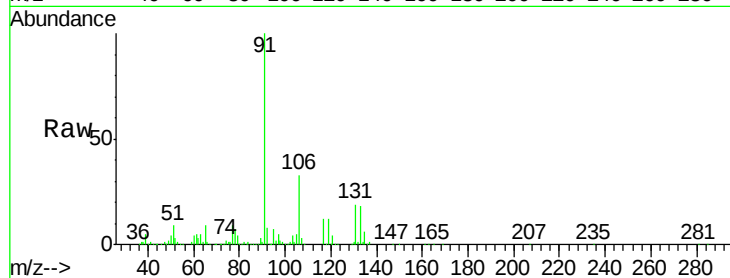
#67
Ethyl Benzene
Concen: 49.575 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 535072
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5

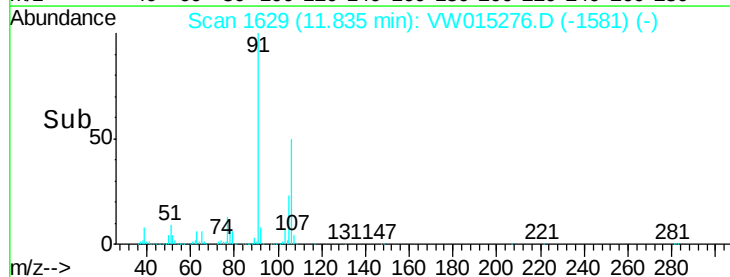
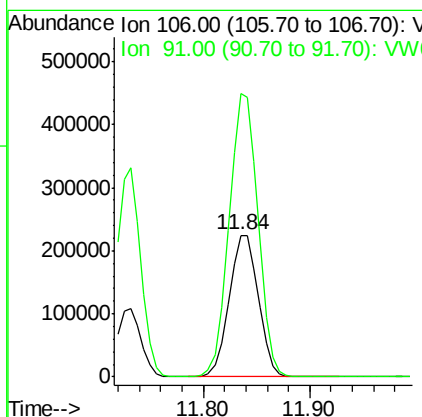
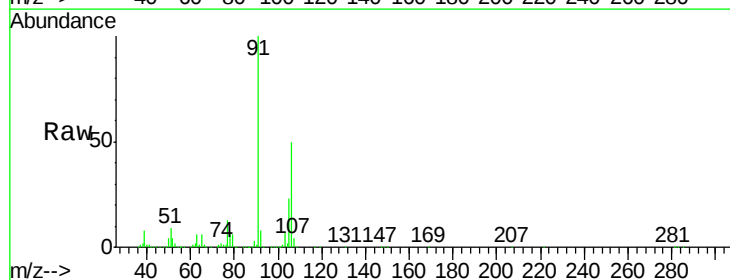
Manual Integrations
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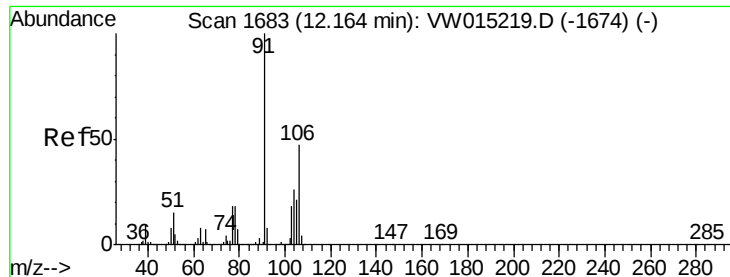
MMDadoda
4/22/2020 11:41:57 AM



#68
m/p-Xylenes
Concen: 101.693 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion: 106 Resp: 430228
Ion Ratio Lower Upper
106 100
91 198.2 160.0 240.0





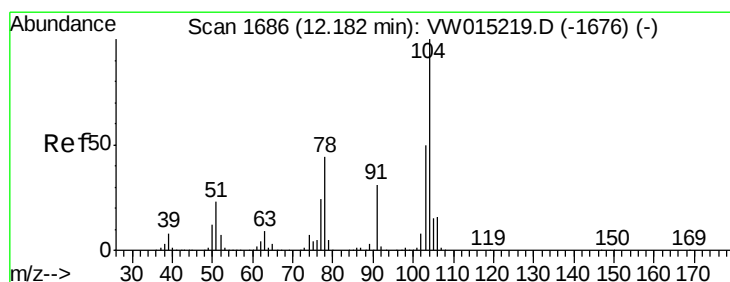
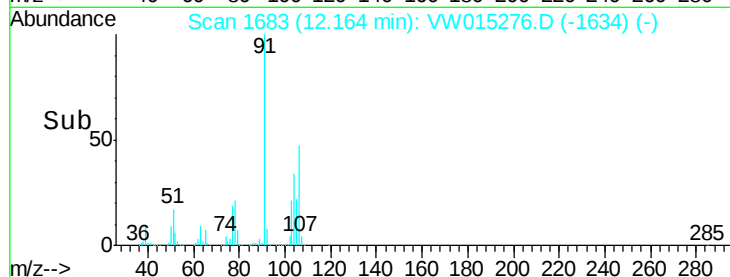
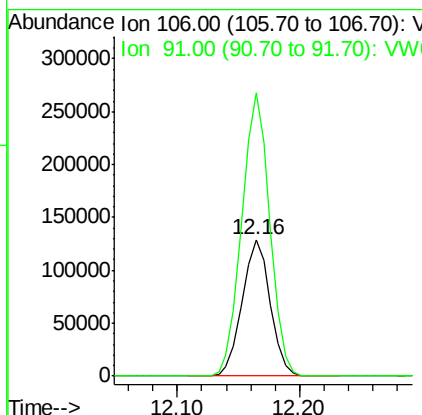
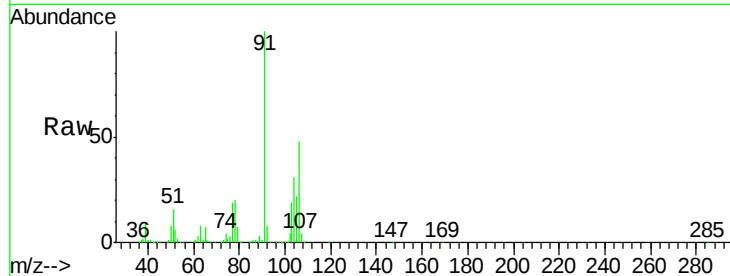
#69
o-Xylene
Concen: 51.844 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	207.2	105.7	317.1	

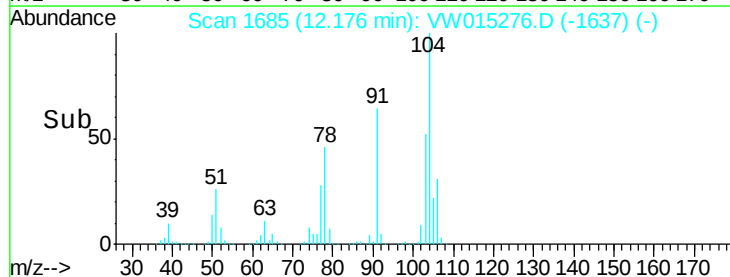
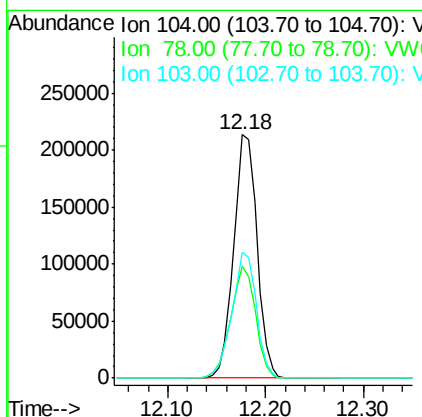
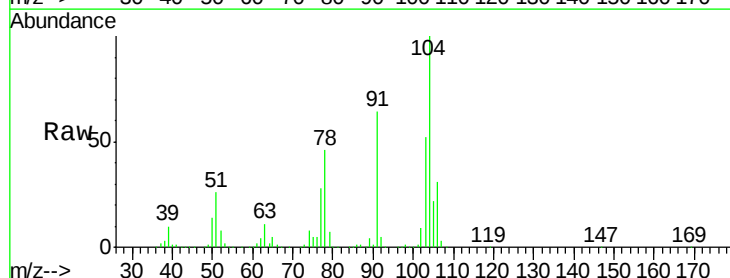
Manual Integrations
APPROVED

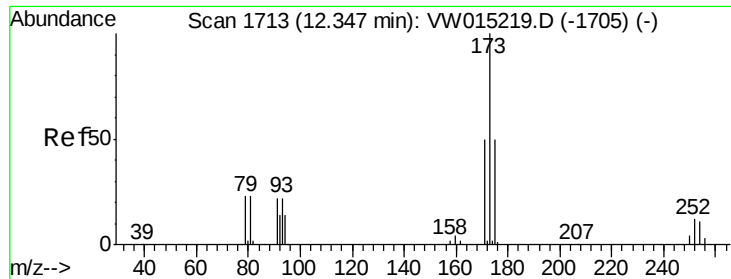
MMDadoda
4/22/2020 11:41:57 AM



#70
Styrene
Concen: 52.821 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.6	39.8	59.6	
103	53.9	43.8	65.6	





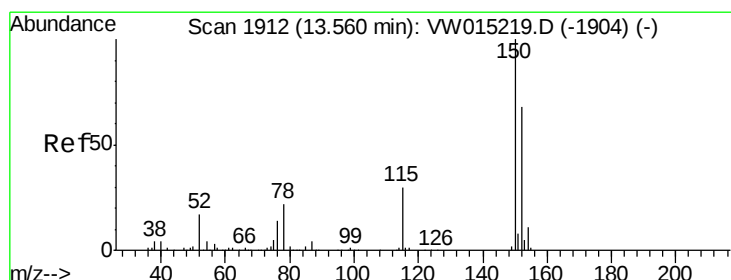
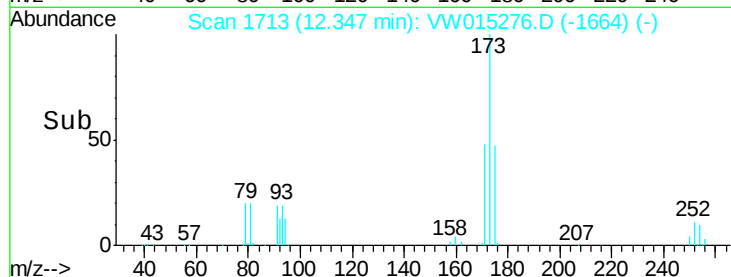
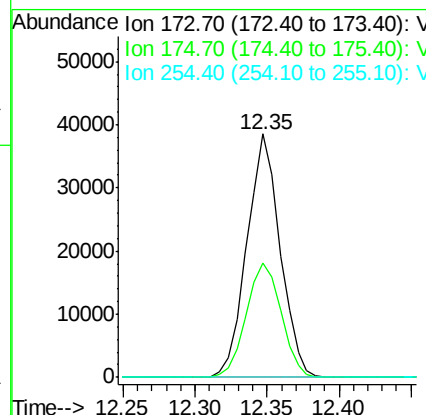
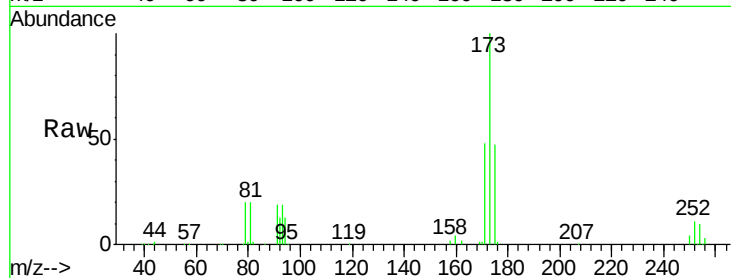
#71
Bromoform
Concen: 52.495 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	25.1	75.4
254	0.0	0.1	0.1#

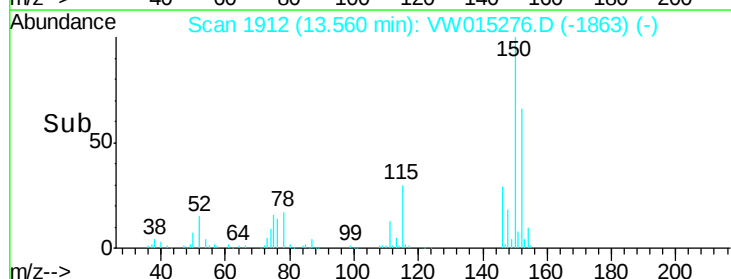
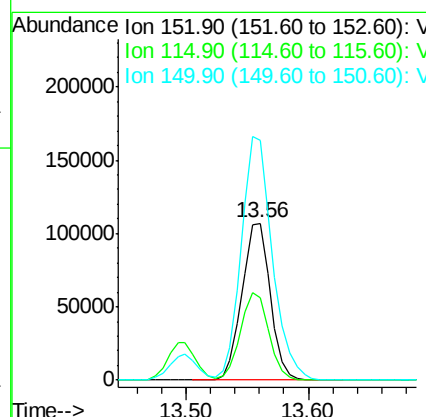
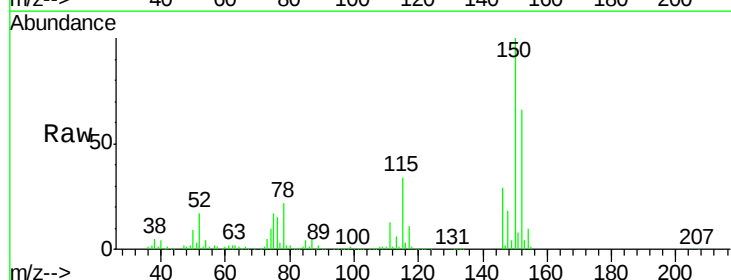
Manual Integrations
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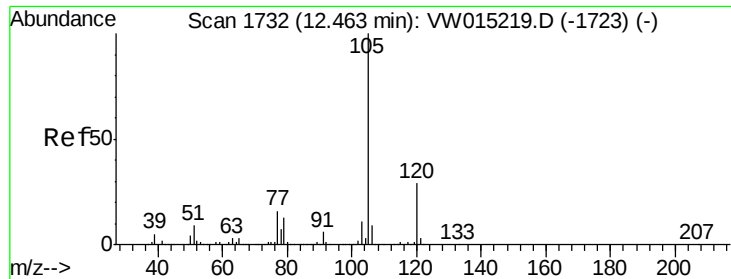
MMDadoda
4/22/2020 11:41:57 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	31.3	93.9
150	169.7	0.0	343.4





#73

Isopropylbenzene

Concen: 48.029 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 569662

Ion Ratio Lower Upper

105 100

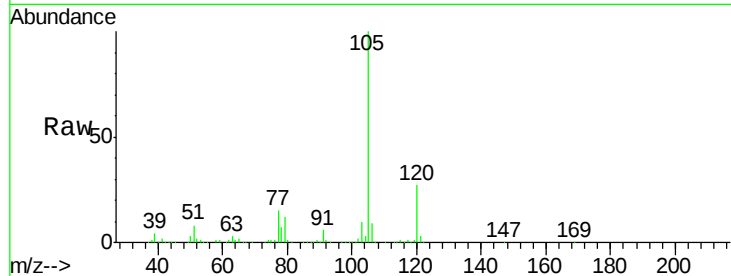
120 26.8 13.7 41.1

Manual Integrations

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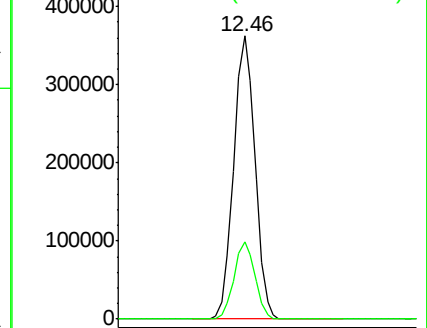
MMDadoda

4/22/2020 11:41:57 AM

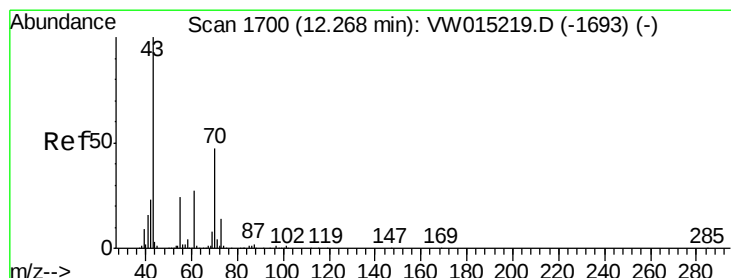
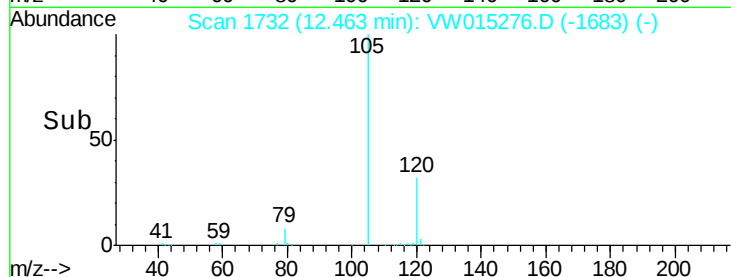


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 46.733 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Tgt Ion: 43 Resp: 96431

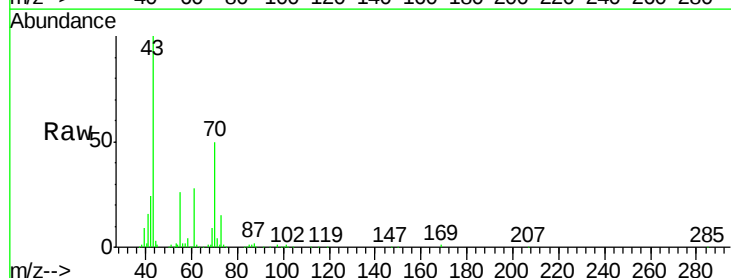
Ion Ratio Lower Upper

43 100

70 50.1 35.4 53.2

55 25.5 18.5 27.7

61 27.3 20.3 30.5

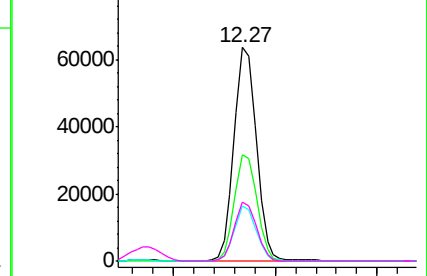


Abundance Ion 43.00 (42.70 to 43.70): VV

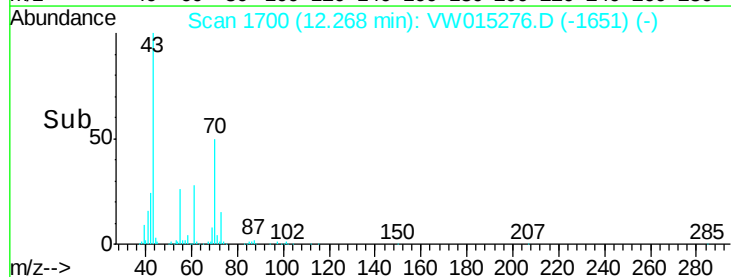
Ion 70.00 (69.70 to 70.70): VV

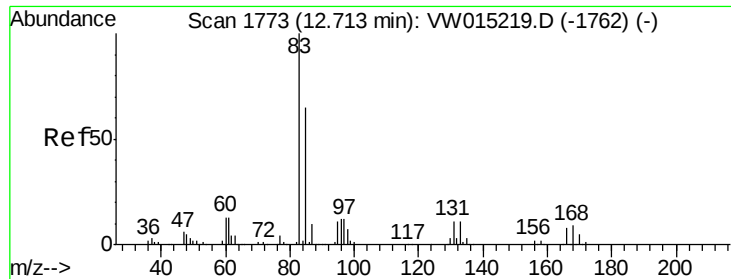
Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.849 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Instrument :

MSVOA_W

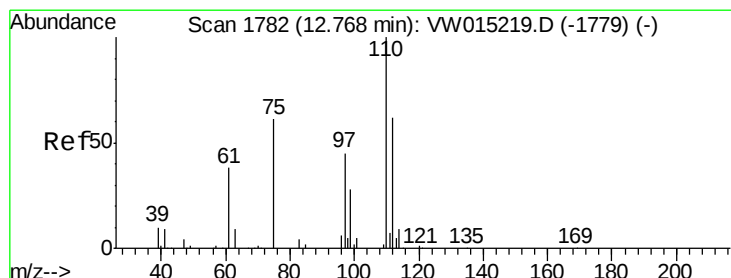
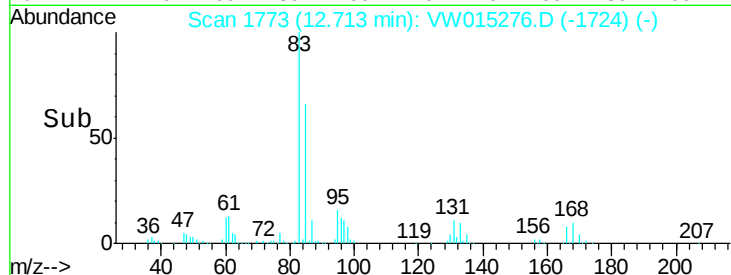
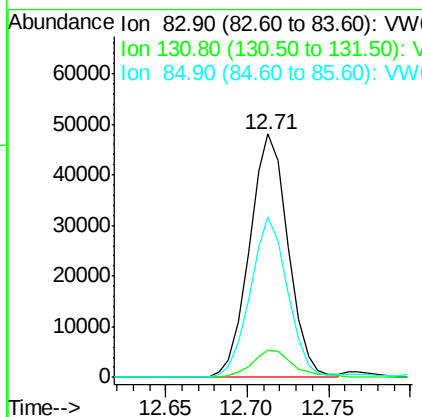
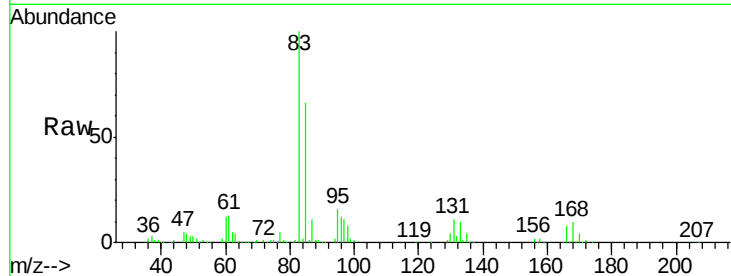
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	78894
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.1	15.2
85	63.7	32.3	96.8

Manual Integrations
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MMDadoda
4/22/2020 11:41:57 AM



#76

1,2,3-Trichloropropane

Concen: 46.827 ug/l m

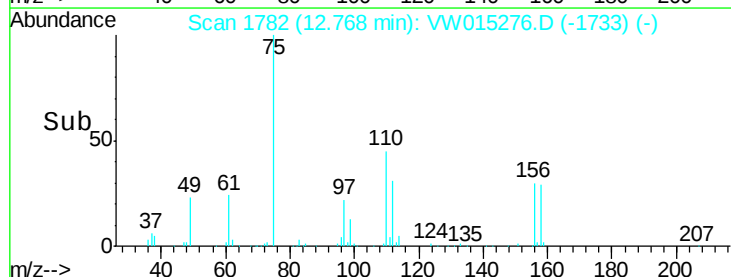
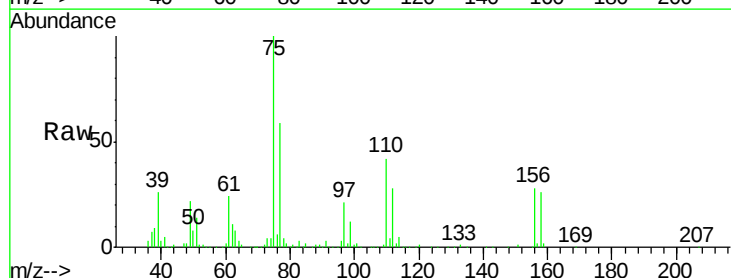
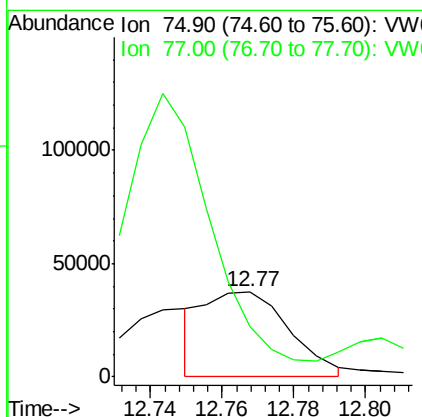
RT: 12.77 min Scan# 1782

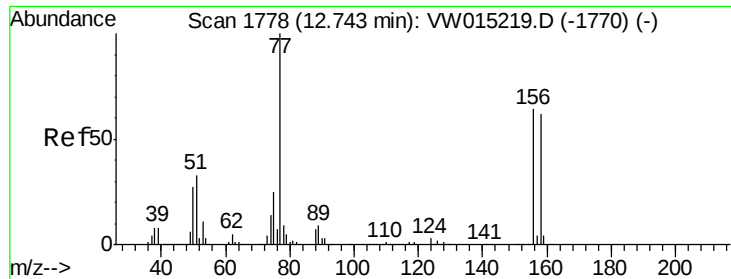
Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Tgt Ion:	75	Resp:	61970
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





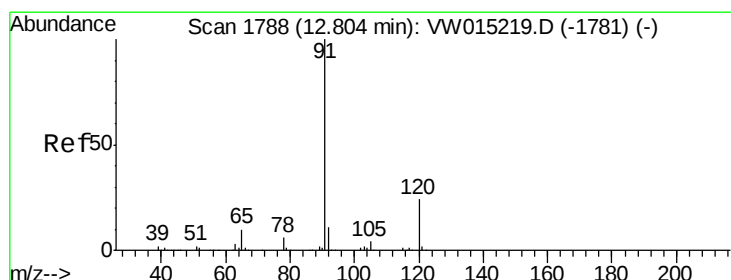
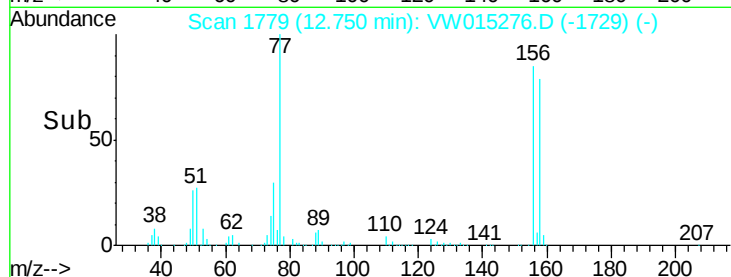
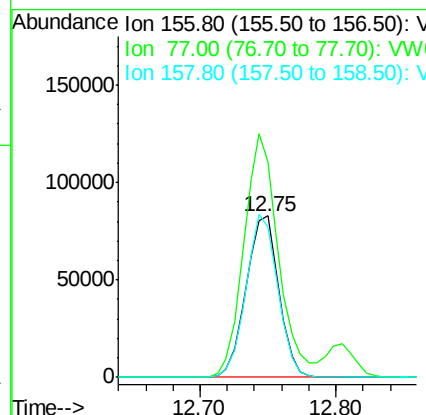
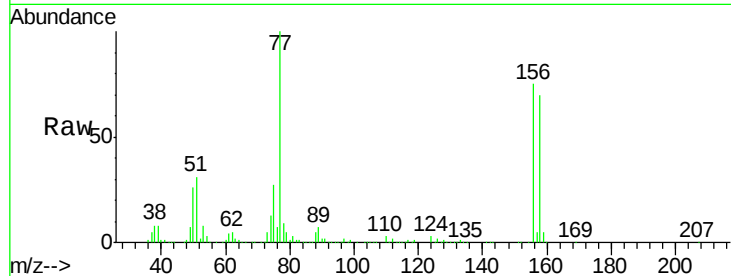
#77
Bromobenzene
Concen: 51.009 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		139000		
77	159.6	100.5	301.5		
158	97.9	47.9	143.8		

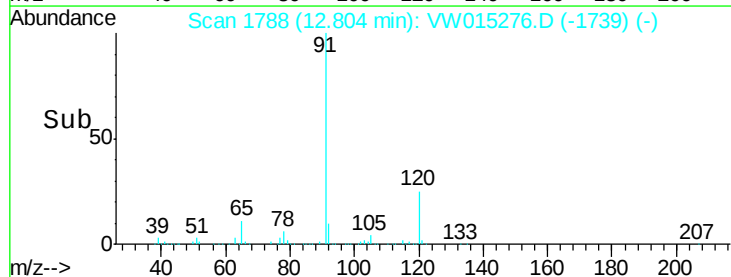
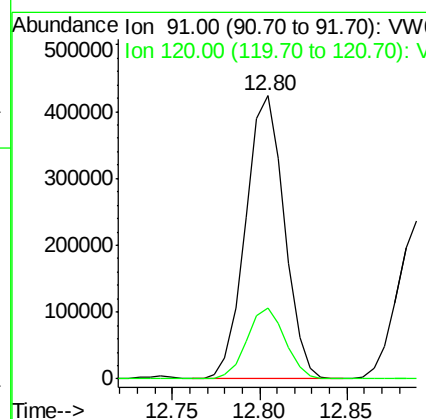
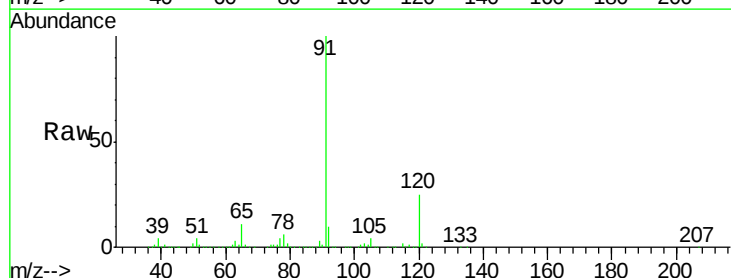
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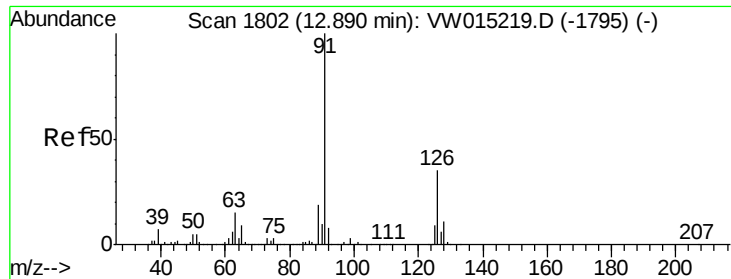
MMDadoda
4/22/2020 11:41:57 AM



#78
n-propylbenzene
Concen: 47.220 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		652096		
120	24.9	11.4	34.1		





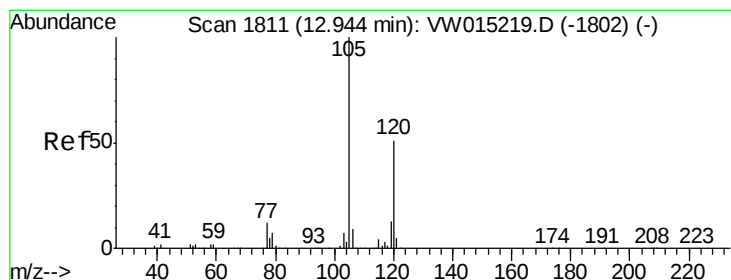
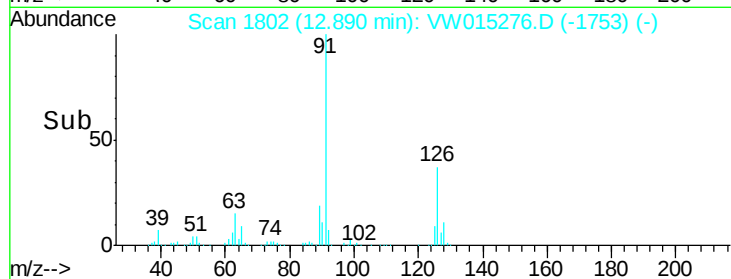
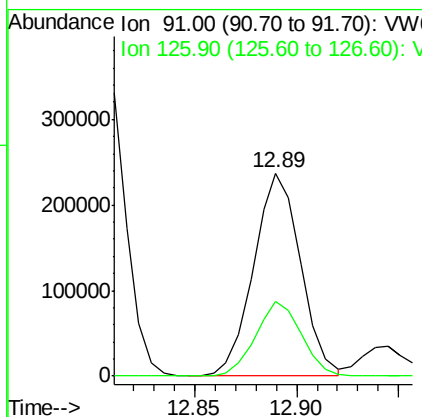
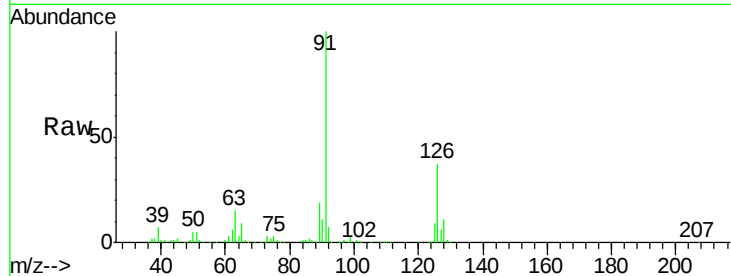
#79
2-Chlorotoluene
Concen: 48.831 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 380032
Ion Ratio Lower Upper
91 100
126 36.0 16.8 50.4

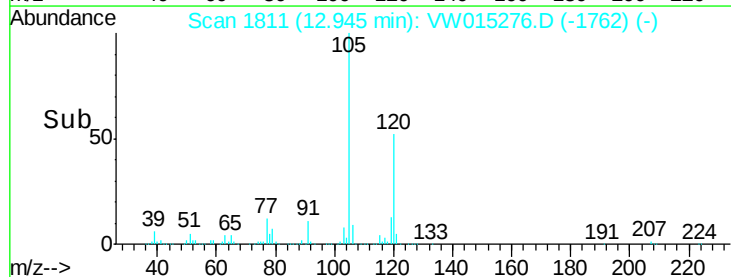
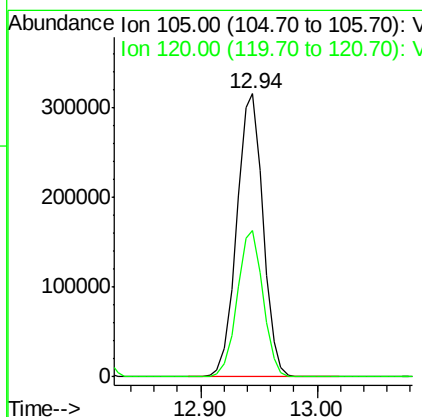
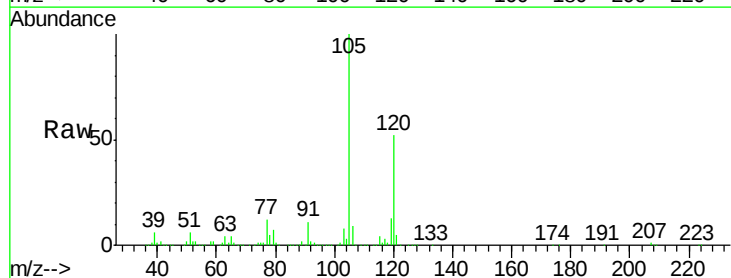
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#80
1,3,5-Trimethylbenzene
Concen: 48.401 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion: 105 Resp: 494514
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.8





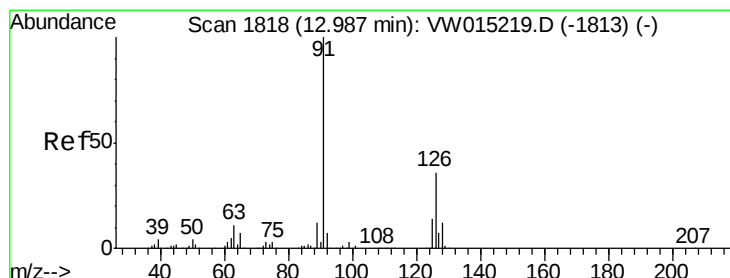
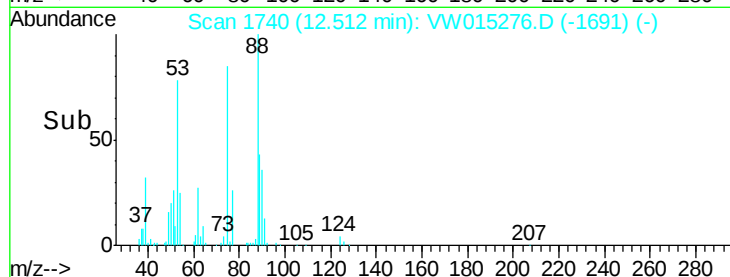
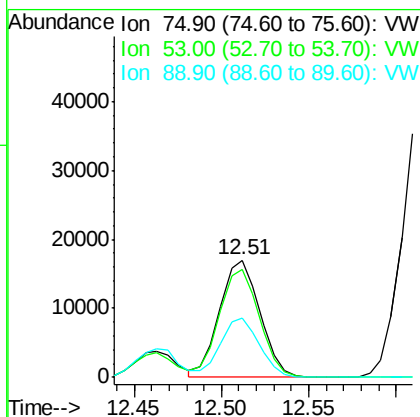
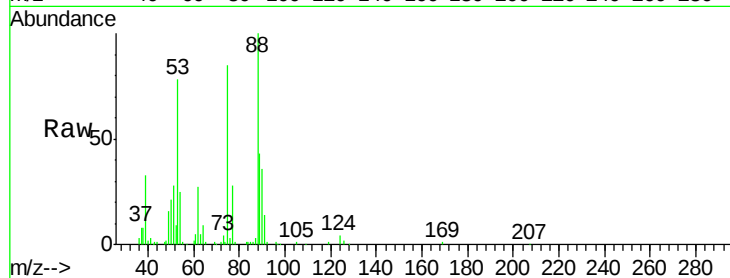
#81
trans-1,4-Dichloro-2-butene
Concen: 44.646 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	69.4	104.2
89	50.3	34.8	52.2

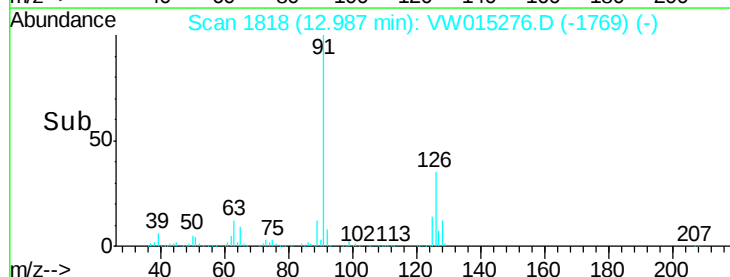
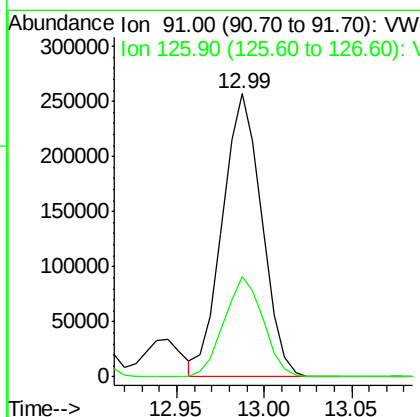
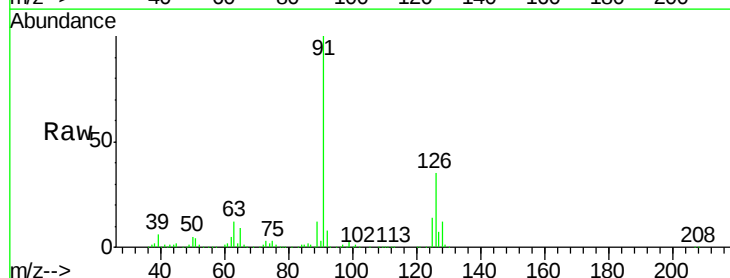
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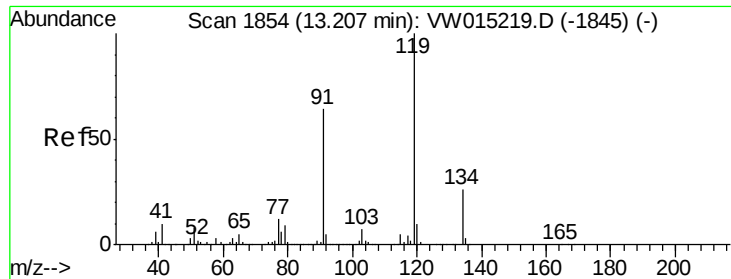
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#82
4-Chlorotoluene
Concen: 48.537 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	16.8	50.3





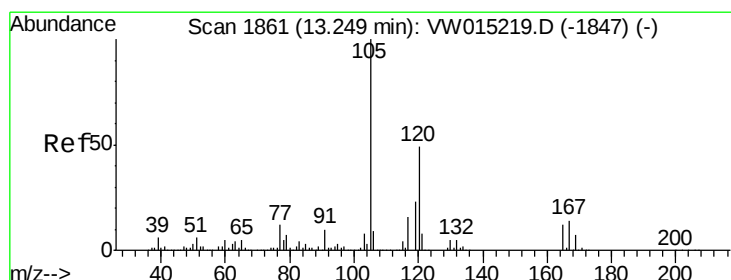
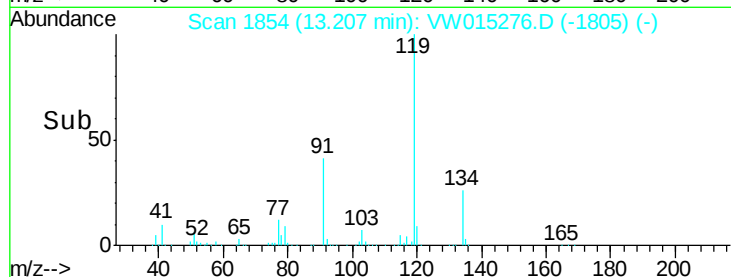
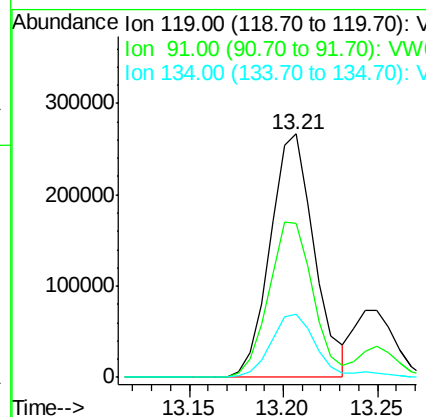
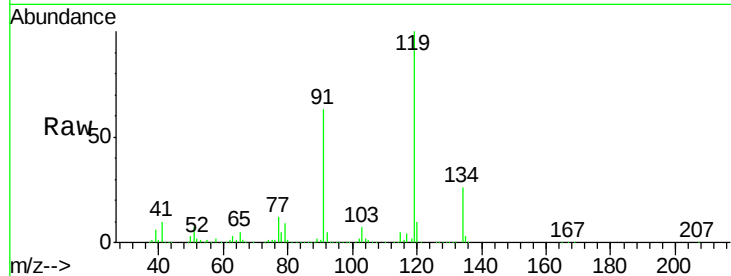
#83
tert-Butylbenzene
Concen: 48.408 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	432275		
91	64.1		32.8	98.3
134	27.4		13.3	39.9

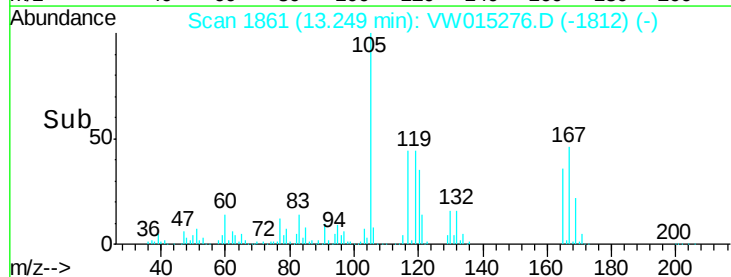
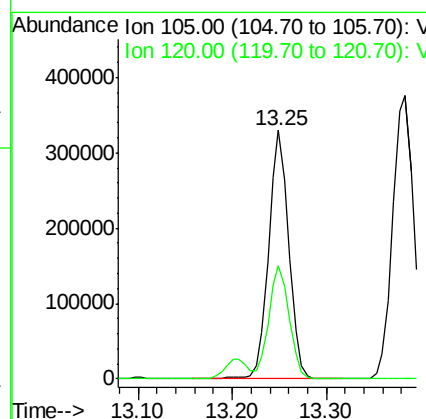
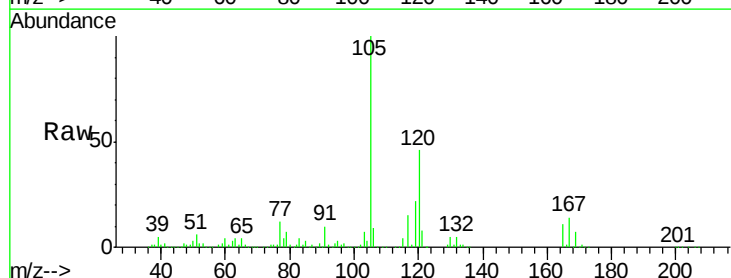
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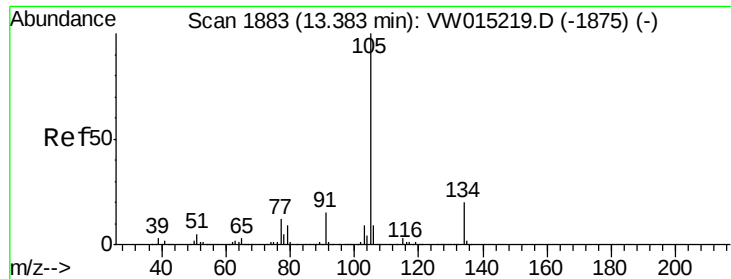
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#84
1,2,4-Trimethylbenzene
Concen: 49.295 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	496760		
120	46.4		23.0	69.0





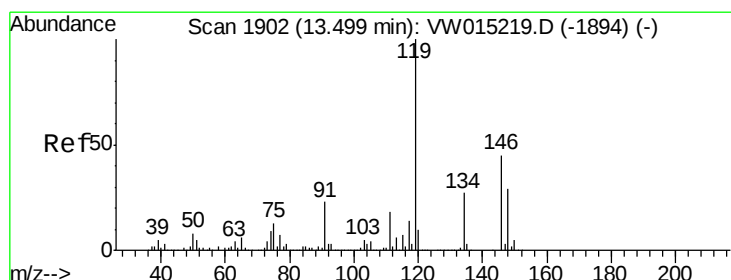
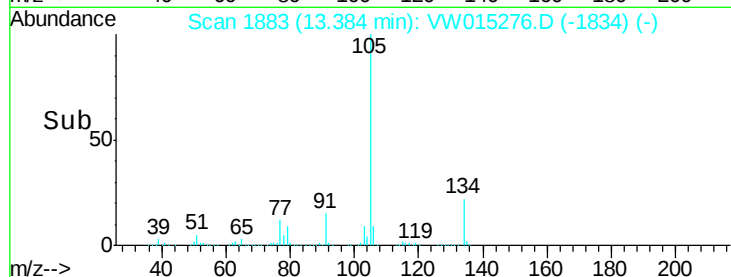
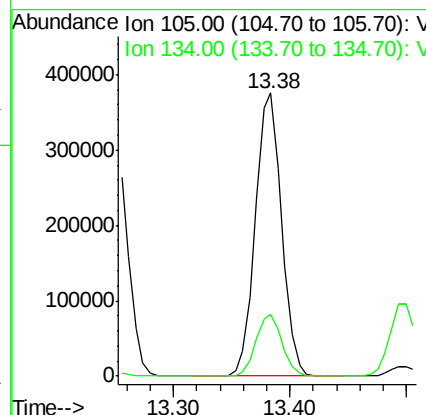
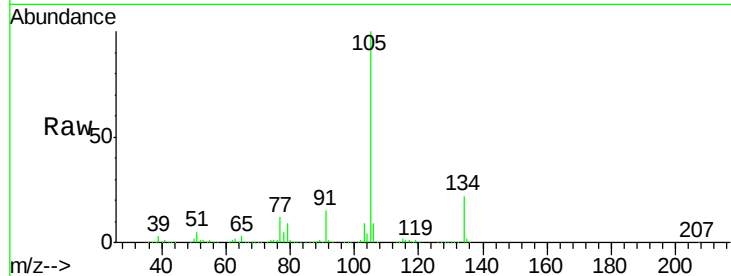
#85
 sec-Butylbenzene
 Concen: 47.702 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.1	30.1

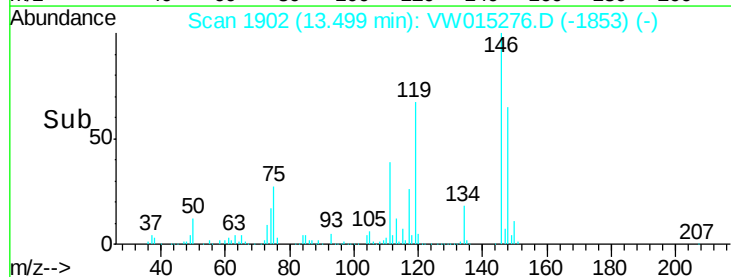
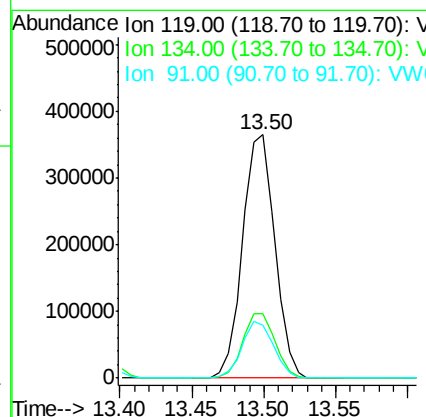
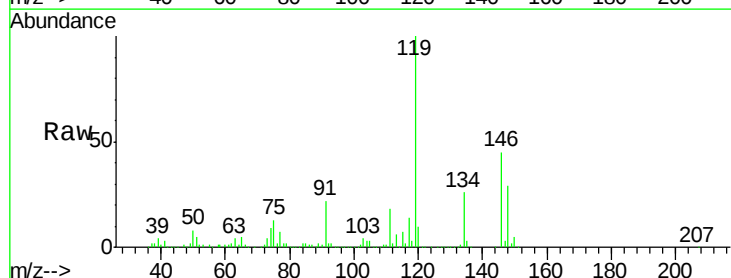
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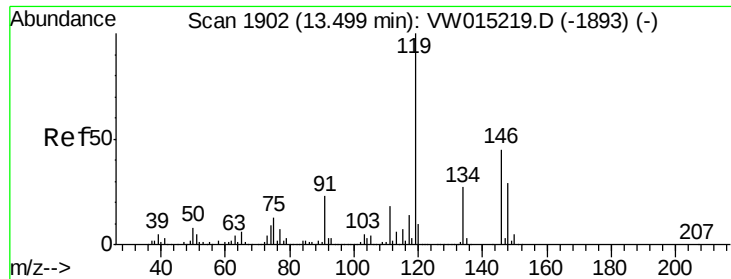
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#86
 p-Isopropyltoluene
 Concen: 49.240 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.3	39.9
91	22.9	12.0	36.1





#87

1,3-Dichlorobenzene

Concen: 50.347 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

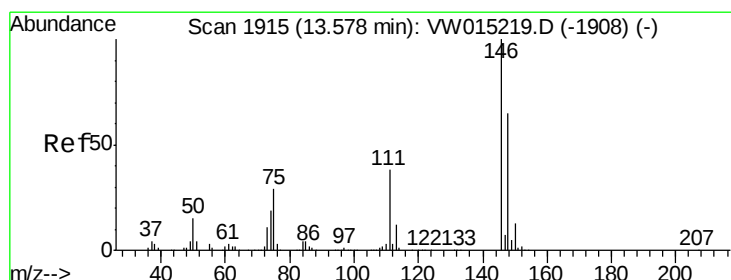
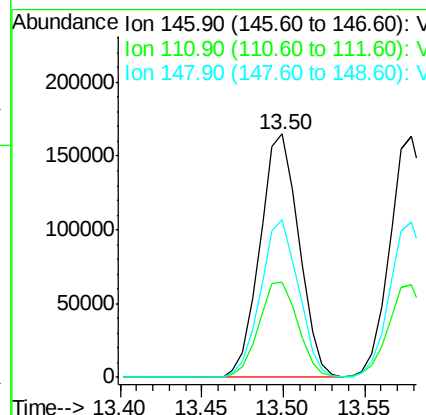
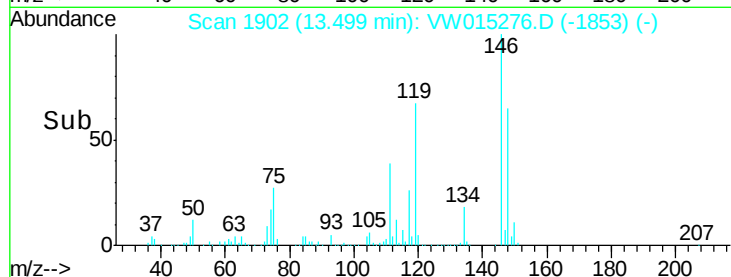
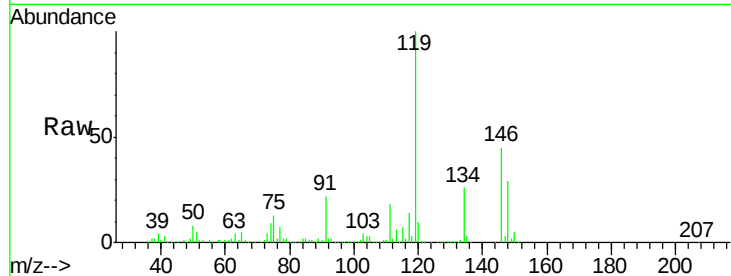
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	272594		
111	39.3	21.1	63.4	
148	63.3	31.8	95.3	

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#88

1,4-Dichlorobenzene

Concen: 50.753 ug/l

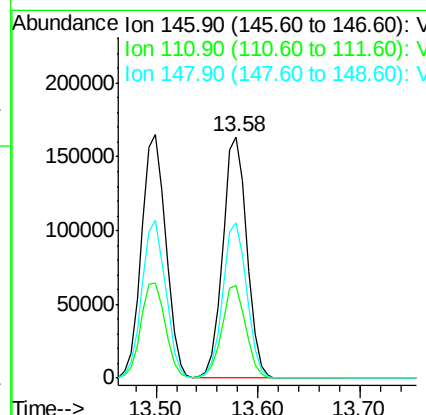
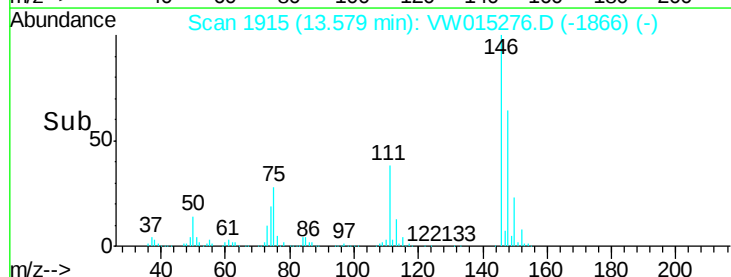
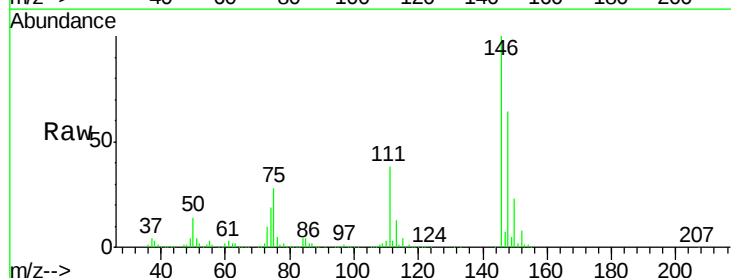
RT: 13.58 min Scan# 1915

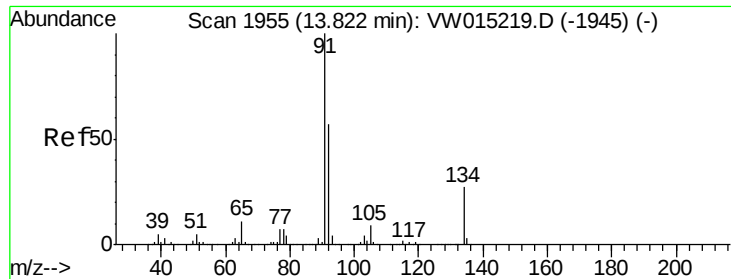
Delta R.T. 0.00 min

Lab File: VW015276.D

Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	269368		
111	38.0	20.4	61.3	
148	64.4	31.5	94.5	





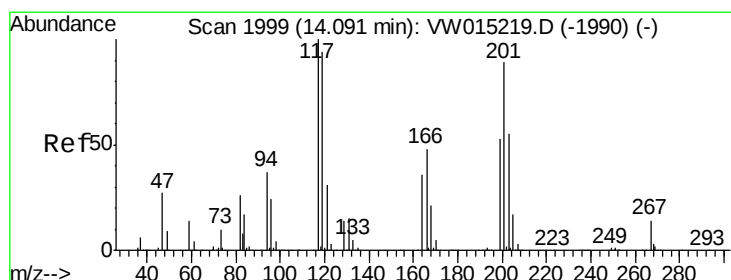
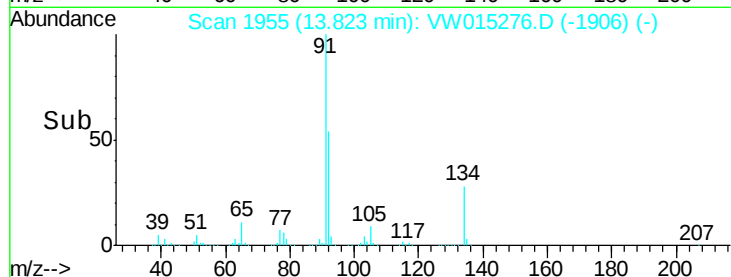
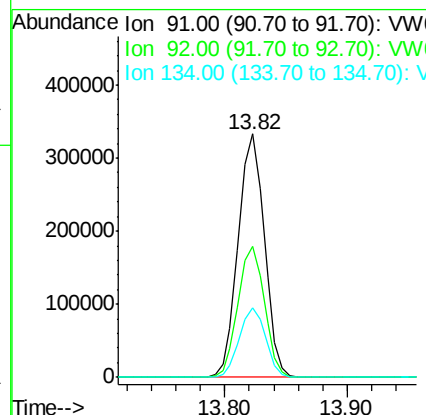
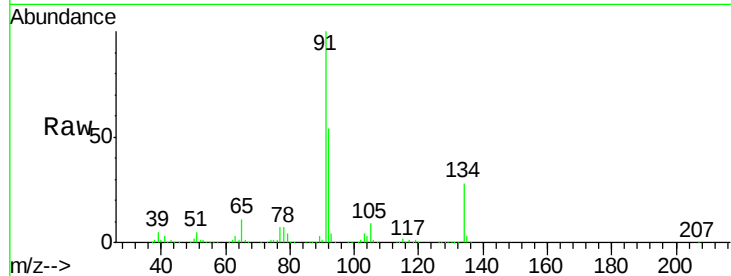
#89
n-Butylbenzene
Concen: 47.113 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	28.7	12.8	38.3

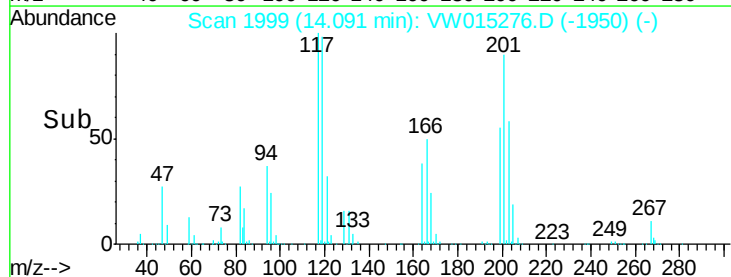
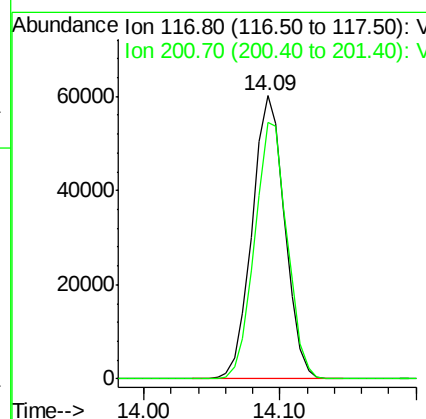
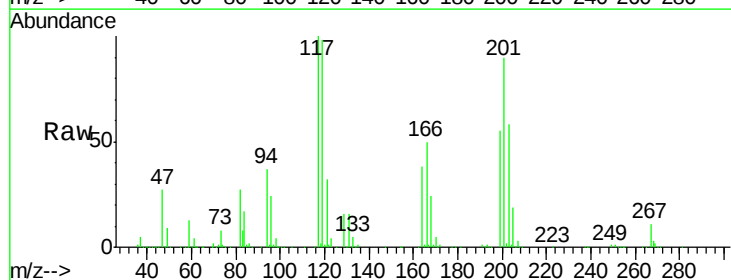
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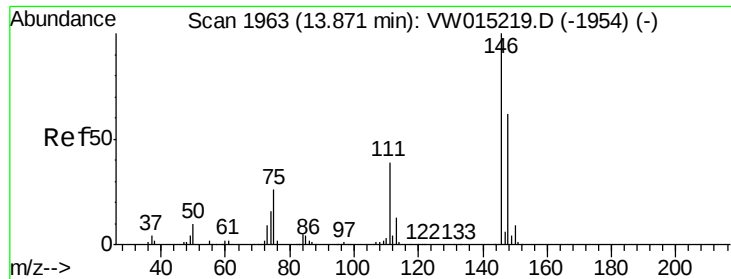
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#90
Hexachloroethane
Concen: 48.139 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.3	33.6	100.6





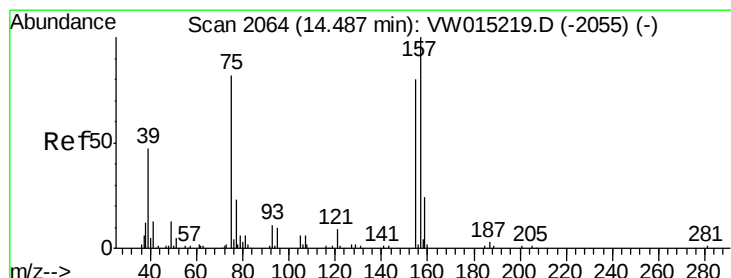
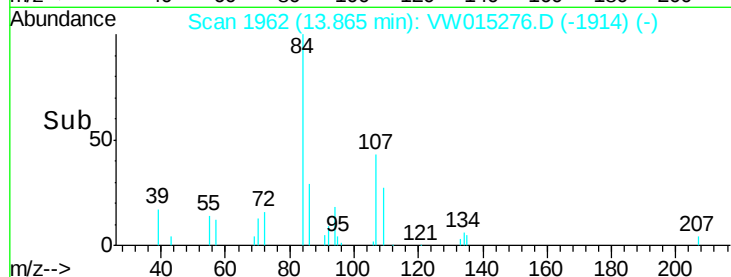
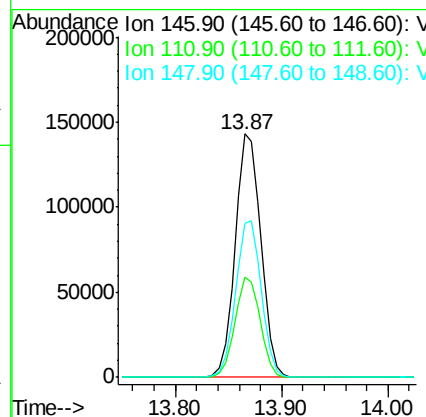
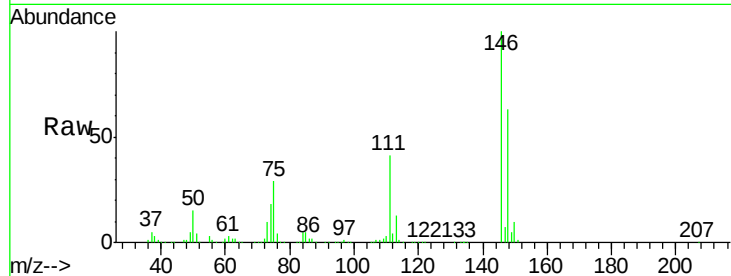
#91
 1,2-Dichlorobenzene
 Concen: 51.496 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.6	65.0
148	64.0	31.0	93.0

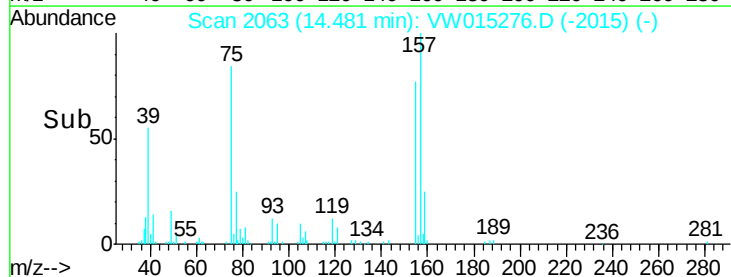
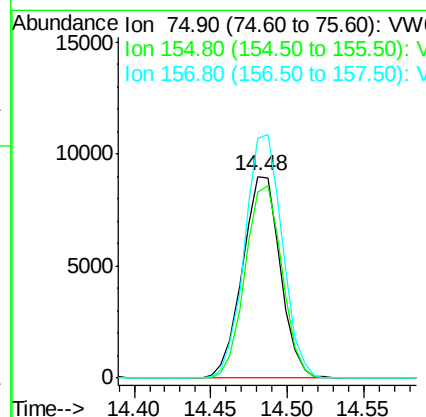
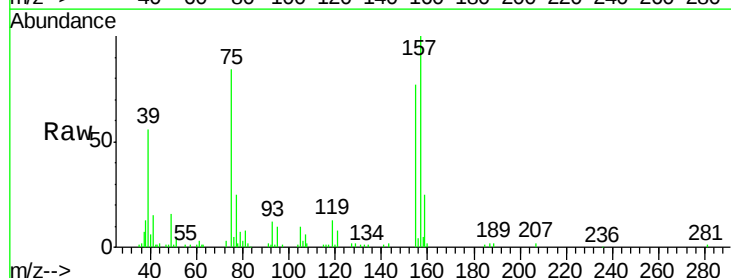
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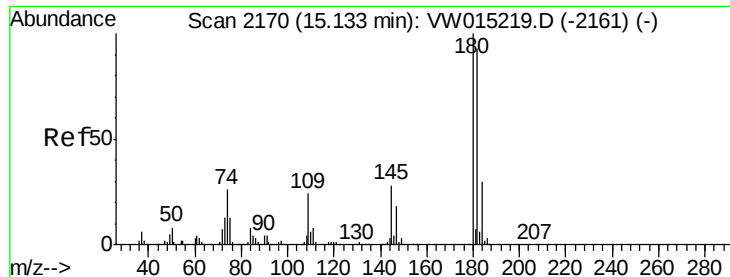
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.648 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	41.6	124.9
157	120.0	53.8	161.2





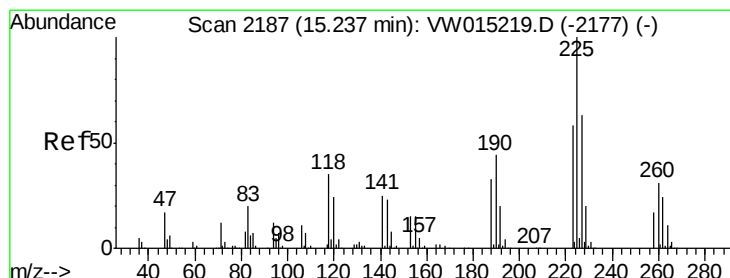
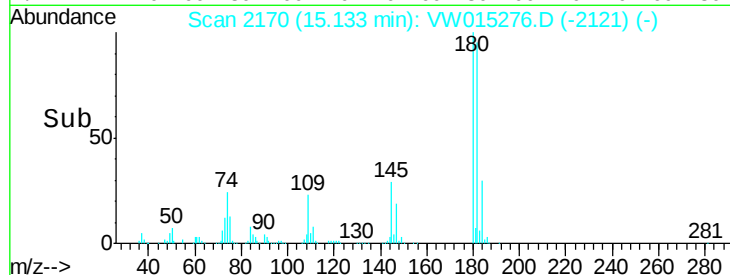
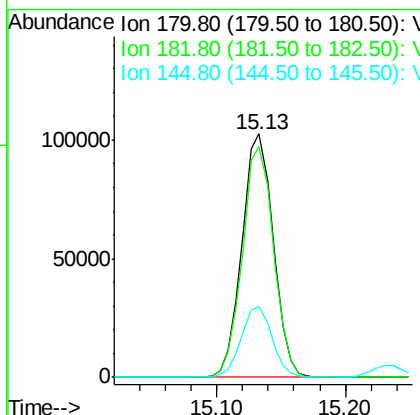
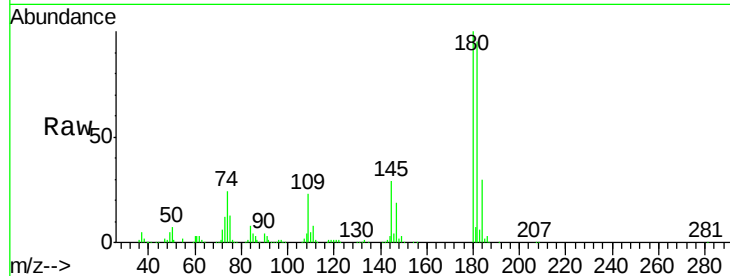
#93
 1,2,4-Trichlorobenzene
 Concen: 52.577 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	171943		
182	94.2	47.1	141.4	
145	28.7	16.2	48.6	

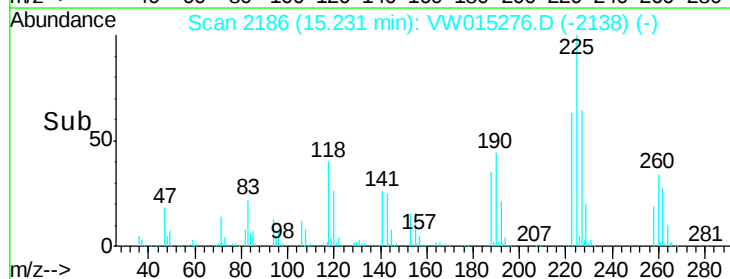
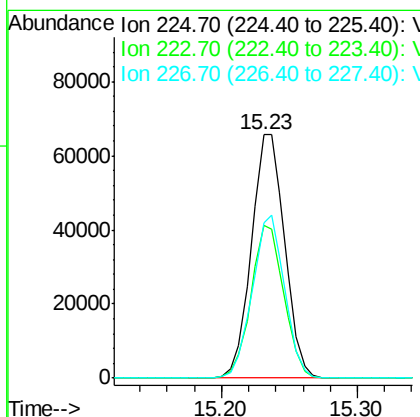
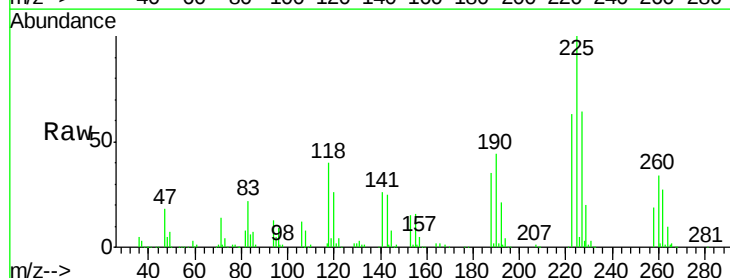
Manual Integrations
 APPROVED

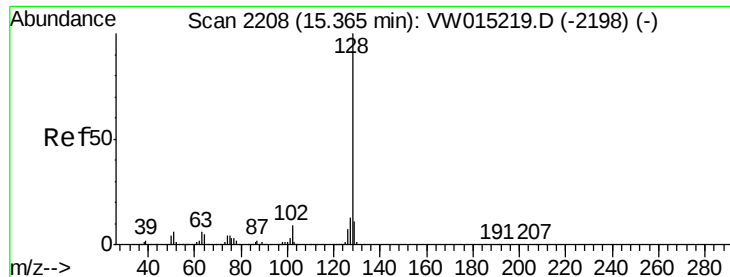
MMDadoda
 4/22/2020 11:41:57 AM



#94
 Hexachlorobutadiene
 Concen: 51.696 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015276.D
 Acq: 21 Apr 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112714		
223	61.9	31.0	93.0	
227	64.7	30.8	92.3	





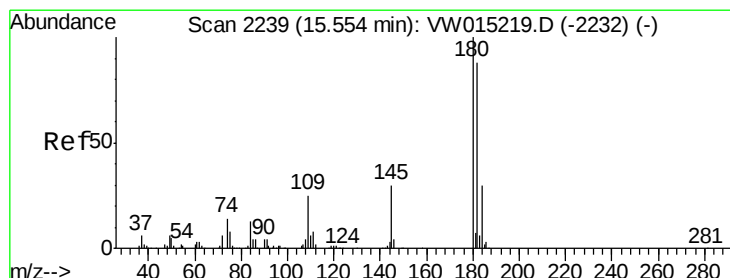
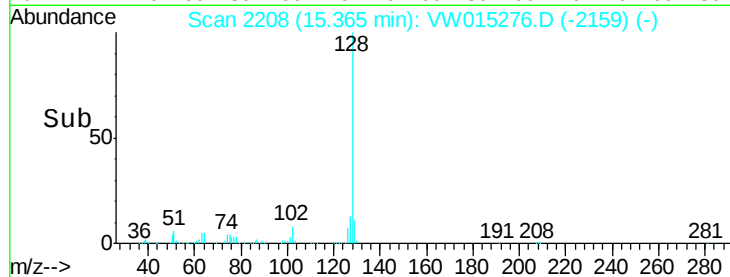
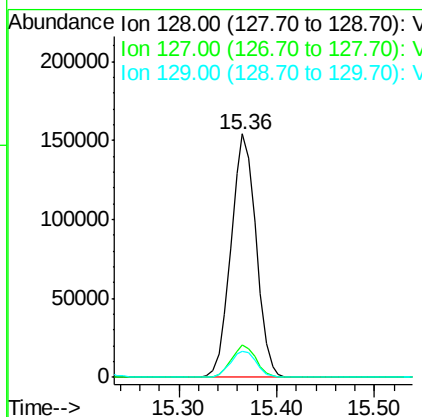
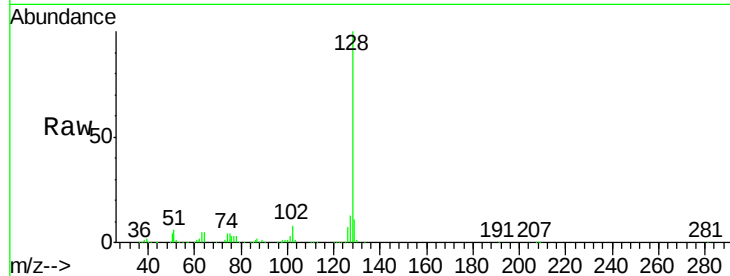
#95
Naphthalene
Concen: 51.976 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	273426
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
4/22/2020 11:41:57 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.860 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015276.D
Acq: 21 Apr 2020 21:20

Tgt Ion:	180	Resp:	143309
Ion Ratio	Lower	Upper	
180	100		
182	96.8	48.8	146.3
145	31.0	17.2	51.6

