

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080320\
 Data File : VV017792.D
 Acq On : 03 Aug 2020 13:14
 Operator : SY/MD
 Sample : K4649-07MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5169MS

Manual Integrations
 APPROVED

sam
 8/7/2020 7:19:31 PM

Quant Time: Aug 04 02:18:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 04 01:48:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	152543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148813	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	83268	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36218	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	33798	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.12	63	83283	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.40%
20) 2-Butanone-d5	3.96	46	103112	52.59	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.18%
24) Chloroform-d	4.37	84	105702	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.06	65	60413	5.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.80%
32) Benzene-d6	5.07	84	168132	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.09	67	46599	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.33	98	161295	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.64	79	24021	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.11	63	75342	46.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.96%
56) 1,1,2,2-Tetrachloroethane-	10.24	84	37849	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
66) 1,2-Dichlorobenzene-d4	11.65	152	72076	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	73436	4.224	ug/L 97
3) Chloromethane	1.25	50	48693	4.893	ug/L 98
5) Vinyl chloride	1.32	62	50145	4.925	ug/L 98
6) Bromomethane	1.53	94	36063	5.926	ug/L 93
8) Chloroethane	1.60	64	32604	5.893	ug/L 99
9) Trichlorofluoromethane	1.76	101	106007	6.087	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	49089	6.489	ug/L 93
12) 1,1-Dichloroethene	2.13	96	43585	6.219	ug/L 98
13) Acetone	2.23	43	69183	64.115	ug/L 64
14) Carbon disulfide	2.31	76	123303	6.301	ug/L 98
15) Methyl Acetate	2.46	43	14280	6.440	ug/L 97
16) Methylene chloride	2.52	84	57282	7.971	ug/L 99
17) Methyl tert-butyl Ether	2.79	73	115422	5.238	ug/L 97
18) trans-1,2-Dichloroethene	2.77	96	48845	4.837	ug/L 96
19) 1,1-Dichloroethane	3.20	63	87808	4.863	ug/L 98
21) 2-Butanone	4.04	43	99573m	46.768	ug/L
22) cis-1,2-Dichloroethene	3.93	96	53942	5.017	ug/L 96

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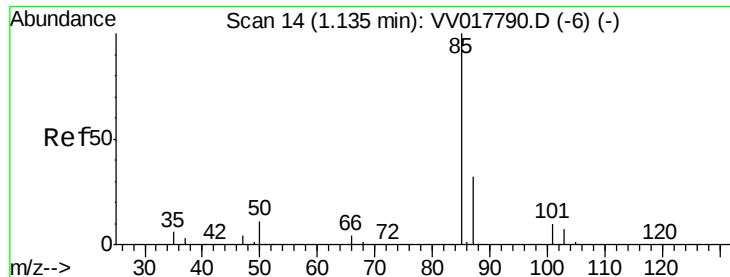
sam
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.27	128	25466	5.400	ug/L	87
25) Chloroform	4.40	83	104738	4.626	ug/L	98
27) 1,2-Dichloroethane	5.15	62	70212	5.619	ug/L #	94
29) 1,1,1-Trichloroethane	4.63	97	104179	5.663	ug/L	99
30) Cyclohexane	4.69	56	68279	4.339	ug/L	98
31) Carbon tetrachloride	4.85	117	95337	5.760	ug/L	100
33) Benzene	5.12	78	197231	4.879	ug/L	100
34) Trichloroethene	5.93	95	54471	4.725	ug/L	89
35) Methylcyclohexane	6.15	83	80624	4.464	ug/L	98
37) 1,2-Dichloropropane	6.20	63	40881	4.371	ug/L #	93
38) Bromodichloromethane	6.53	83	72953	5.525	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	69141	4.715	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	230708	43.733	ug/L	99
42) Toluene	7.41	91	222369	4.948	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	67431	5.687	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	34171	4.791	ug/L	97
47) Tetrachloroethene	7.99	164	49070	4.871	ug/L	93
48) 2-Hexanone	8.16	43	169351	45.423	ug/L	97
49) Dibromochloromethane	8.26	129	48987	5.602	ug/L	96
50) 1,2-Dibromoethane	8.37	107	33071	4.961	ug/L #	95
51) Chlorobenzene	8.90	112	149938	4.990	ug/L	99
52) Ethylbenzene	9.03	91	250355	4.881	ug/L	99
53) m,p-xylene	9.16	106	98640	5.052	ug/L	97
54) o-xylene	9.56	106	93851	5.079	ug/L	92
55) Styrene	9.58	104	159641	5.128	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.26	83	34226	4.471	ug/L #	92
59) Bromoform	9.75	173	27560	5.475	ug/L	99
60) Isopropylbenzene	9.95	105	259844	4.885	ug/L	99
61) 1,2,3-Trichloropropane	10.29	75	29334	4.833	ug/L	95
62) 1,3,5-Trimethylbenzene	10.56	105	224717	5.116	ug/L	96
63) 1,2,4-Trimethylbenzene	10.94	105	228566	5.237	ug/L	98
64) 1,3-Dichlorobenzene	11.20	146	133643	5.041	ug/L	99
65) 1,4-Dichlorobenzene	11.29	146	133462	4.940	ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	121102	5.027	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.45	75	7495	5.990	ug/L	86
69) 1,3,5-Trichlorobenzene	12.67	180	106484	4.859	ug/L	98
70) 1,2,4-trichlorobenzene	13.28	180	87474	5.044	ug/L	99
71) Naphthalene	13.53	128	113373	4.711	ug/L	98
72) 1,2,3-Trichlorobenzene	13.77	180	77899	5.068	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 4.224 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

A5169MS

Tot Ion: 85 Resp: 73436

Ion Ratio Lower Upper

85 100

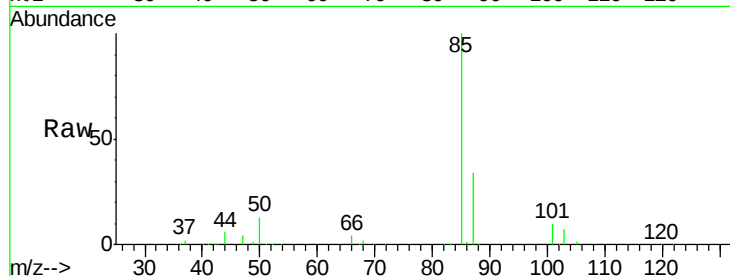
87 33.8 25.9 38.9

Manual Integrations

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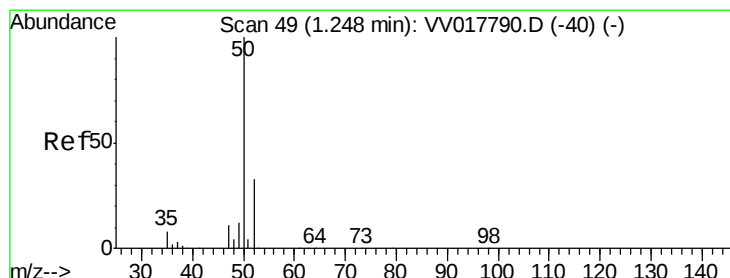
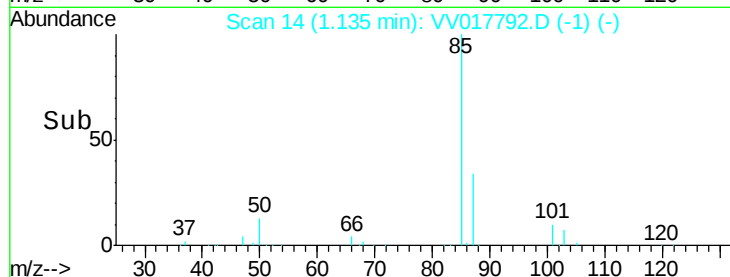
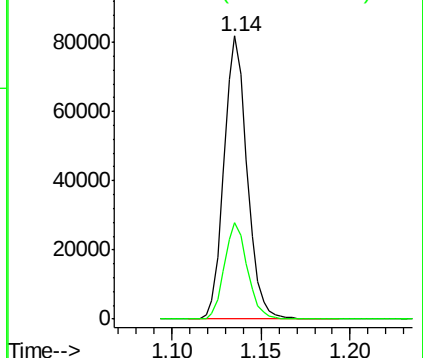
sam

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Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 4.893 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV017792.D

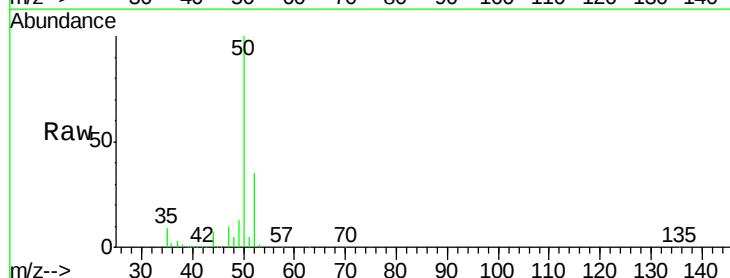
Acq: 03 Aug 2020 13:14

Tgt Ion: 50 Resp: 48693

Ion Ratio Lower Upper

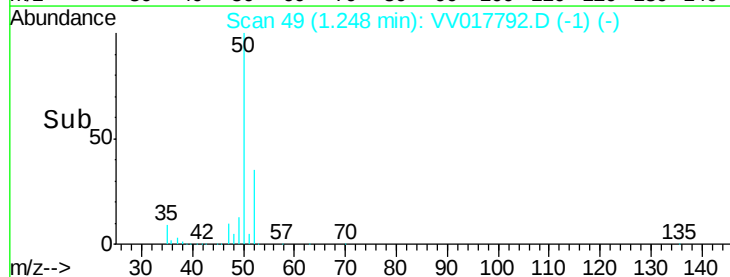
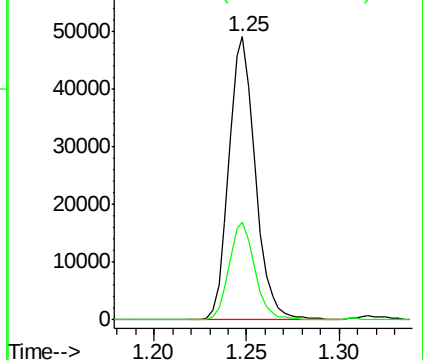
50 100

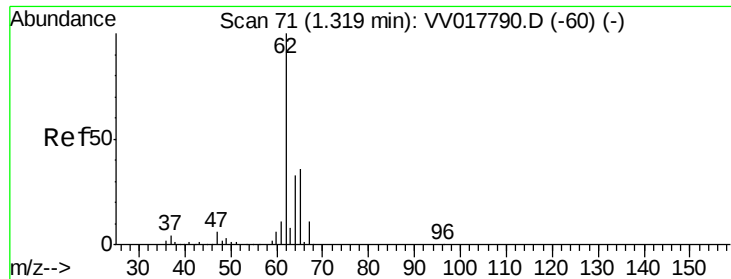
52 34.7 23.4 43.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 4.925 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Instrument :

MSVOA_V

ClientSampled :

A5169MS

Tot Ion: 62 Resp: 50145

Ion Ratio Lower Upper

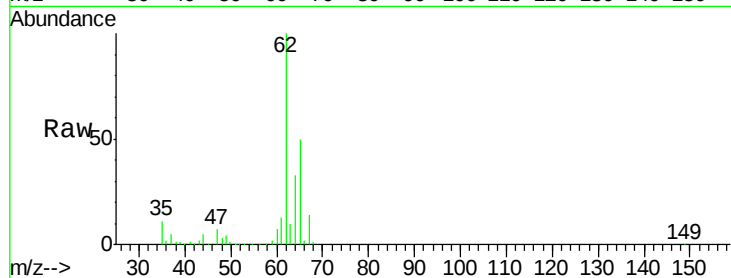
62 100

64 32.9 22.0 41.0

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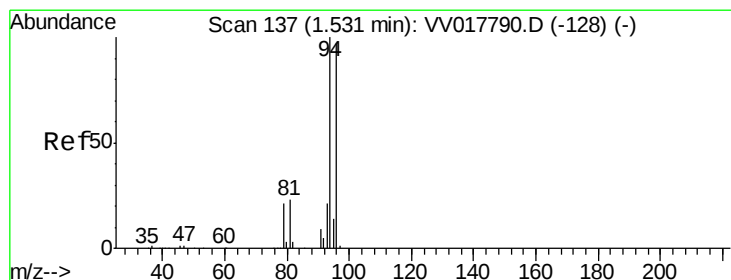
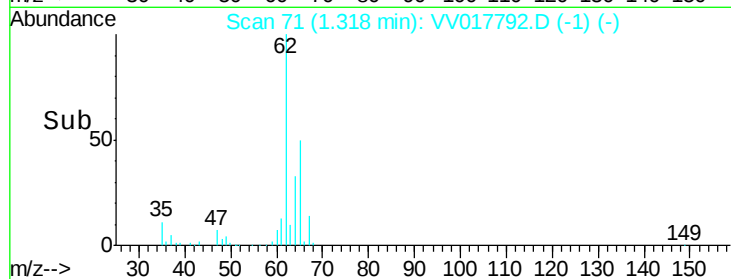
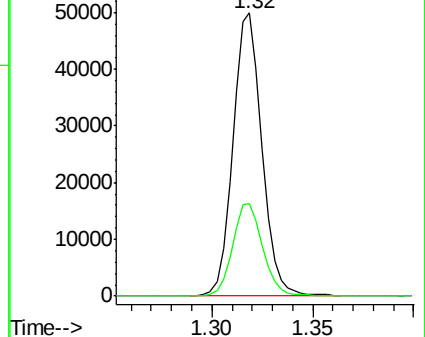
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Abundance Ion 62.00 (61.70 to 62.70): VV017790.D (-60) (-)

Ion 64.10 (63.80 to 64.80): VV017792.D (-44) (-)



#6

Bromomethane

Concen: 5.926 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV017792.D

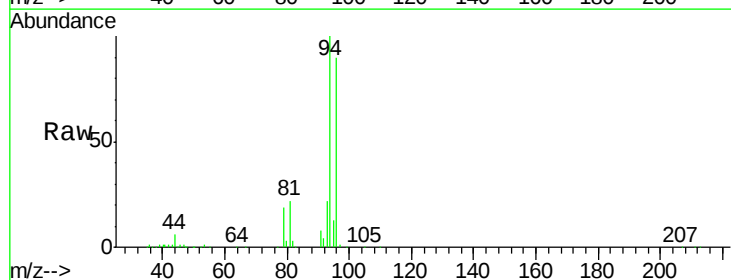
Acq: 03 Aug 2020 13:14

Tgt Ion: 94 Resp: 36063

Ion Ratio Lower Upper

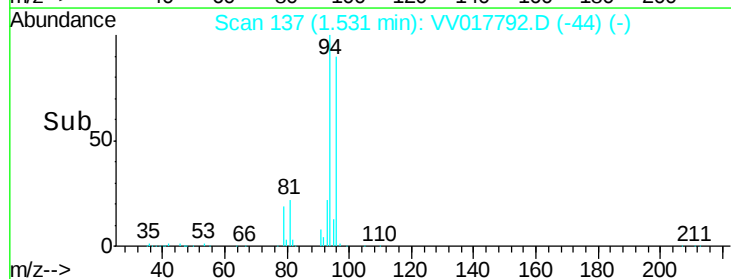
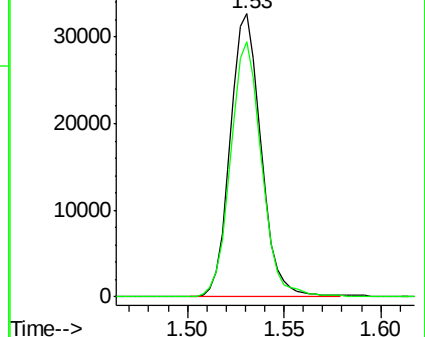
94 100

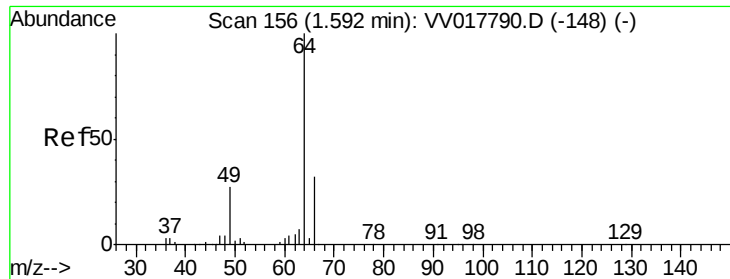
96 90.4 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VV017790.D (-128) (-)

Ion 96.00 (95.70 to 96.70): VV017792.D (-44) (-)





#8

Chloroethane

Concen: 5.893 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

A5169MS

Tot Ion: 64 Resp: 32604

Ion Ratio Lower Upper

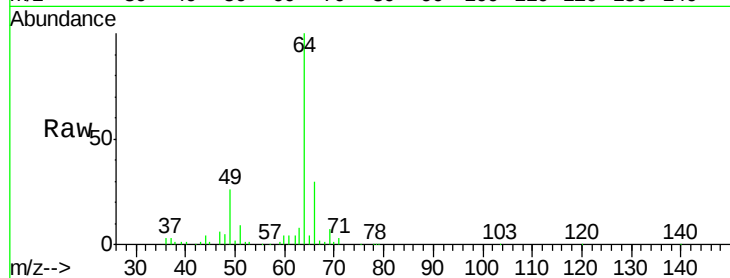
64 100

66 30.3 21.7 40.3

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Abundance Ion 64.10 (63.80 to 64.80): VV017790.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV017792.D (-63) (-)

1.60

30000

25000

20000

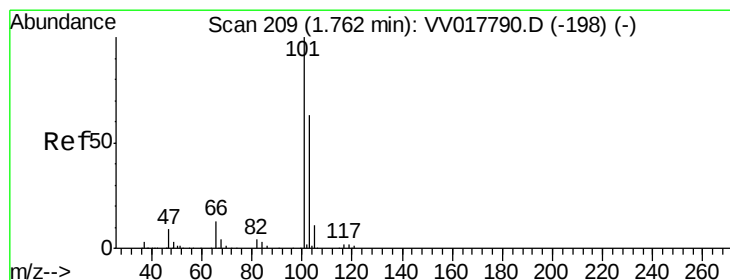
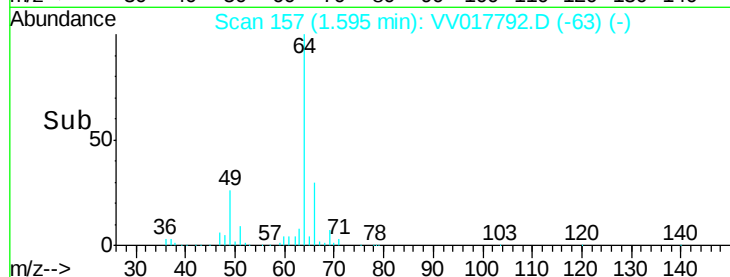
15000

10000

5000

0

Time-->



#9

Trichlorofluoromethane

Concen: 6.087 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV017792.D

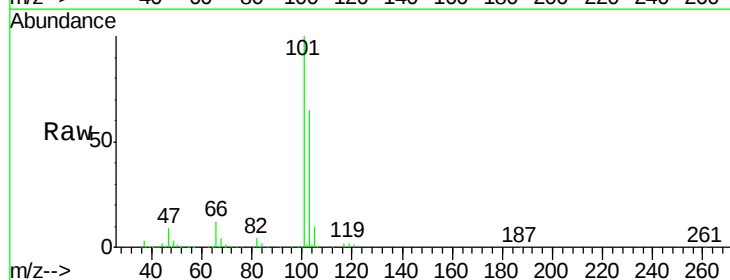
Acq: 03 Aug 2020 13:14

Tgt Ion: 101 Resp: 106007

Ion Ratio Lower Upper

101 100

103 66.3 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): VV017790.D (-198) (-)

Ion 103.00 (102.70 to 103.70): VV017792.D (-116) (-)

1.76

80000

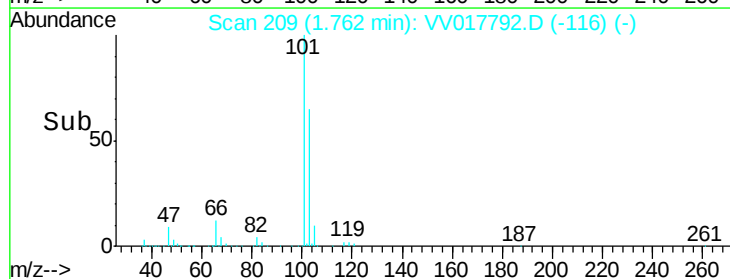
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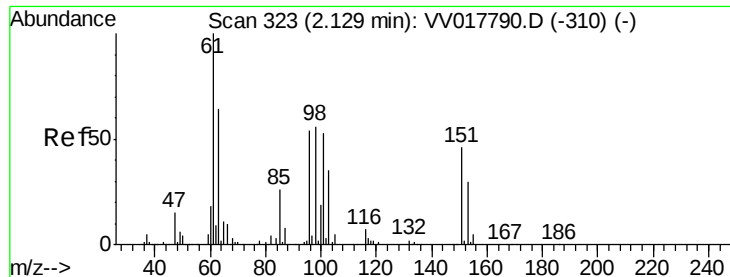
40000

20000

0

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.489 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Instrument :

MSVOA_V

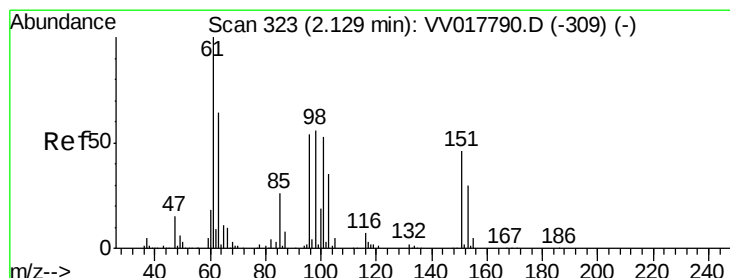
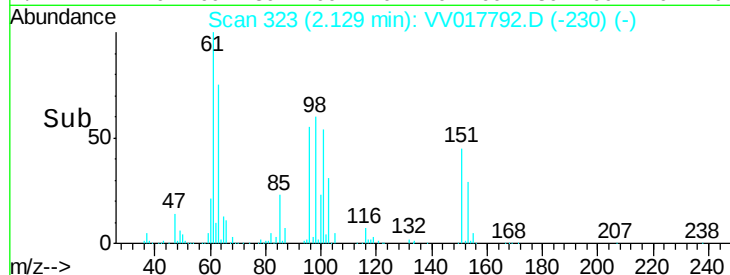
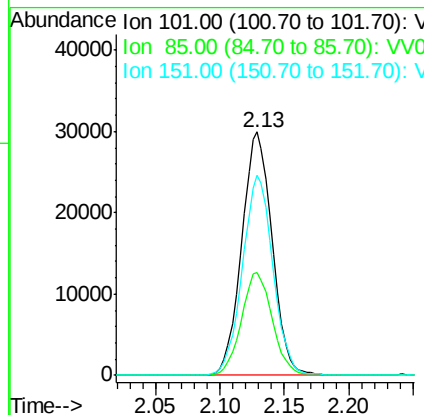
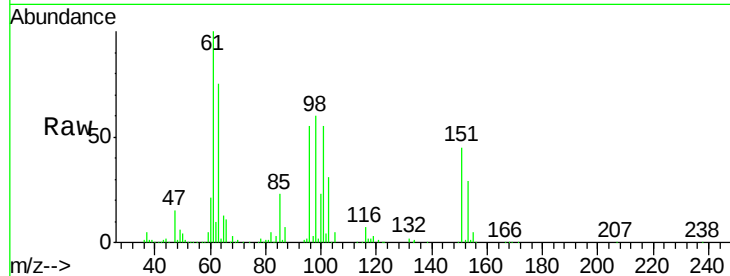
ClientSampleId :

A5169MS

Tot Ion:	101	Resp:	49089
Ion Ratio	Lower	Upper	
101	100		
85	43.1	37.8	56.8
151	82.4	71.4	107.2

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 6.219 ug/L

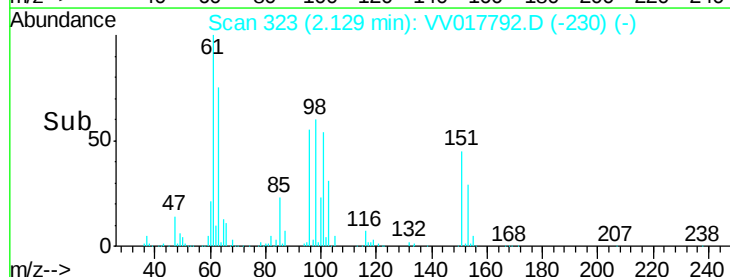
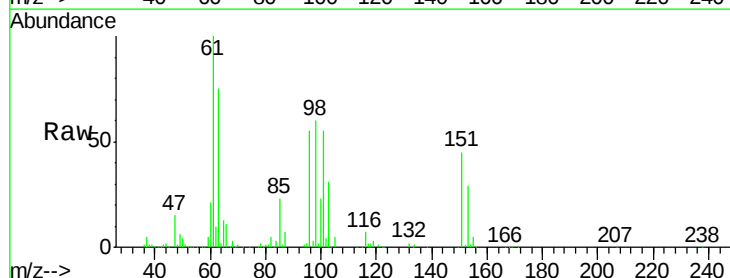
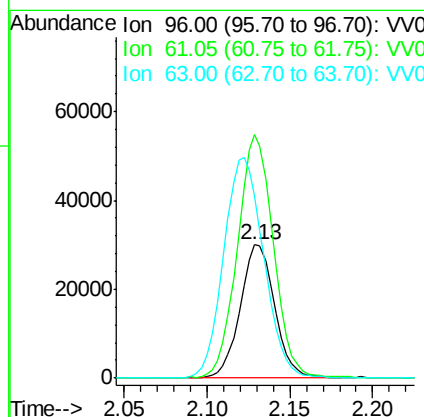
RT: 2.13 min Scan# 323

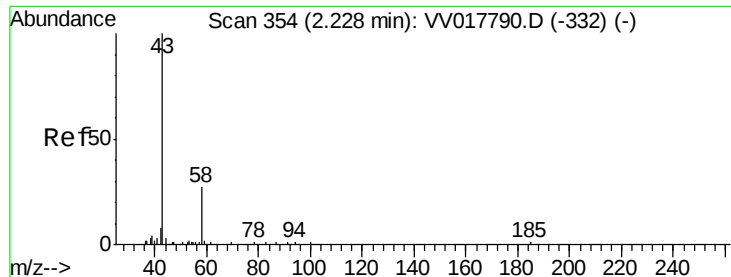
Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Tgt Ion:	96	Resp:	43585
Ion Ratio	Lower	Upper	
96	100		
61	182.7	127.8	237.4
63	136.8	92.7	172.3





#13

Acetone

Concen: 64.115 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

A5169MS

Tot Ion: 43 Resp: 69183

Ion Ratio Lower Upper

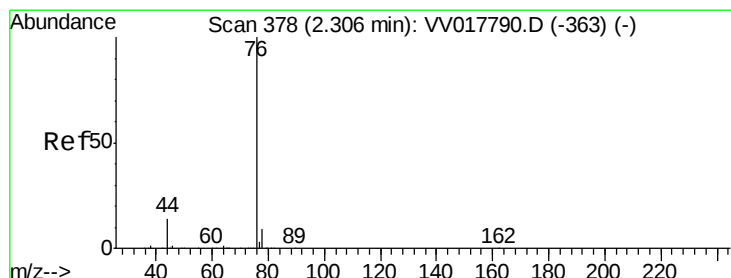
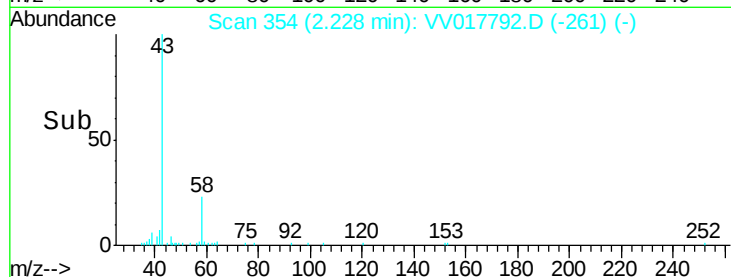
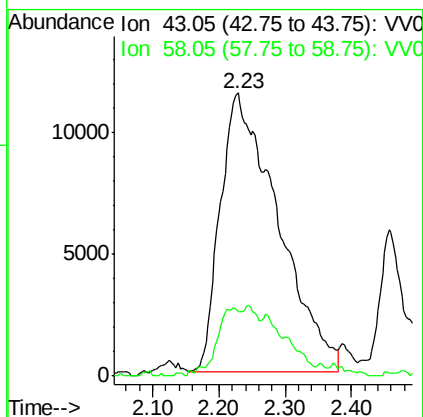
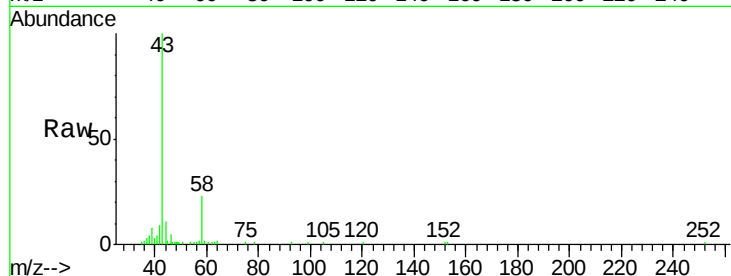
43 100

58 7.6 0.0 51.6

Manual Integrations
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#14

Carbon disulfide

Concen: 6.301 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV017792.D

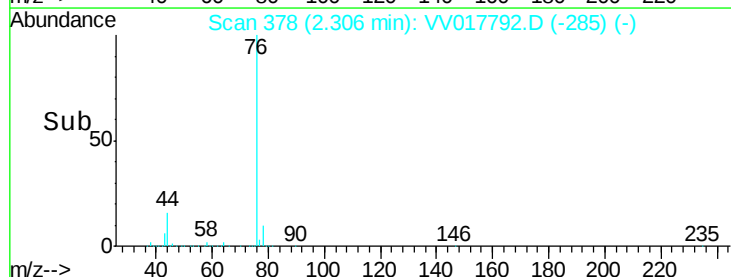
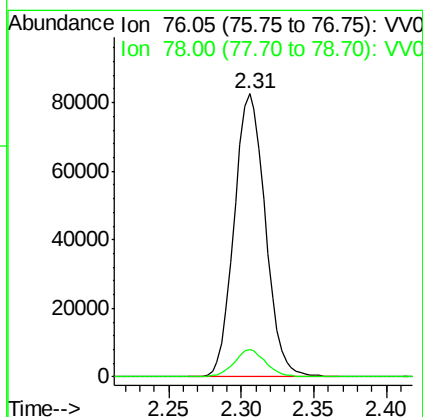
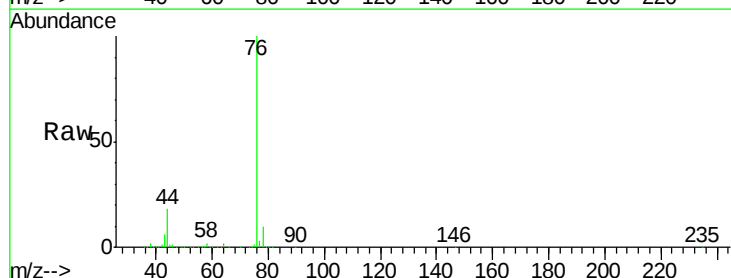
Acq: 03 Aug 2020 13:14

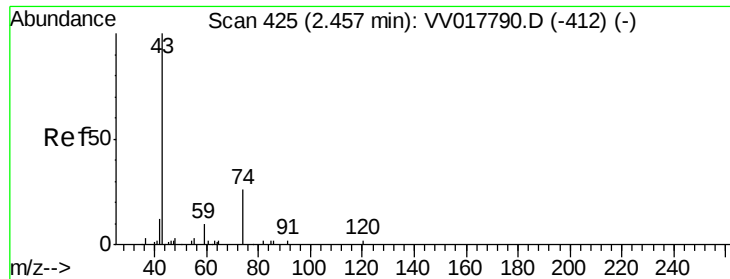
Tgt Ion: 76 Resp: 123303

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8





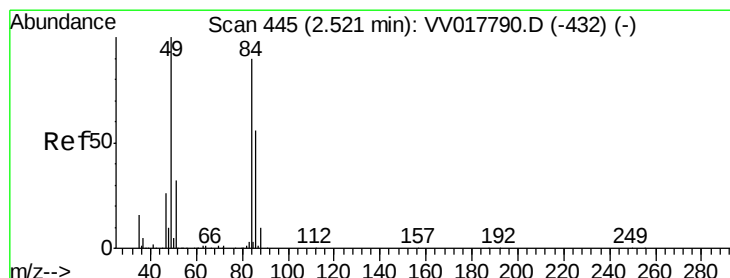
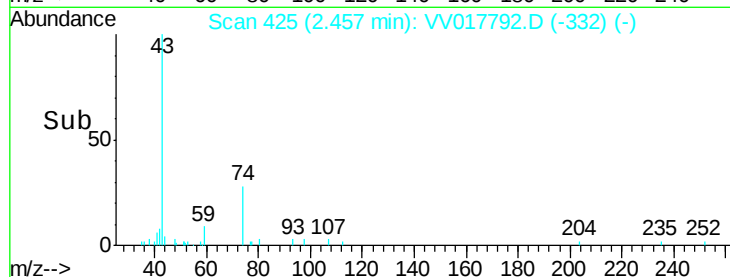
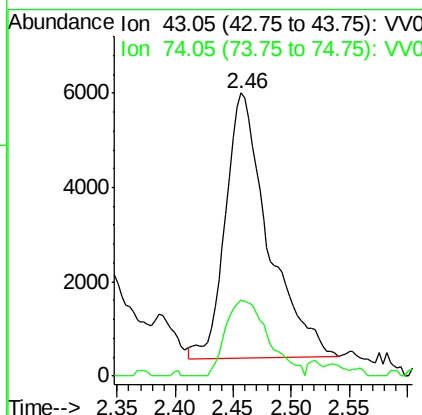
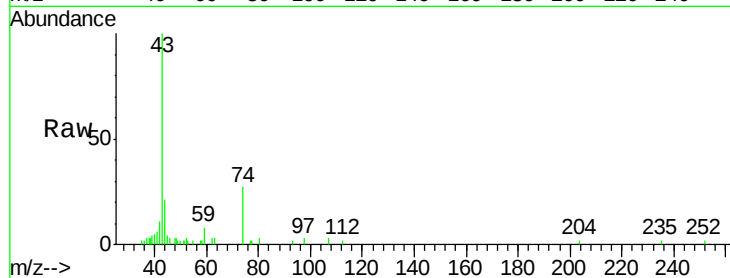
#15
Methvl Acetate
Concen: 6.440 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tot Ion	43	Resp	14280
Ion Ratio	100	Lower	Upper
74	28.8	24.4	36.6

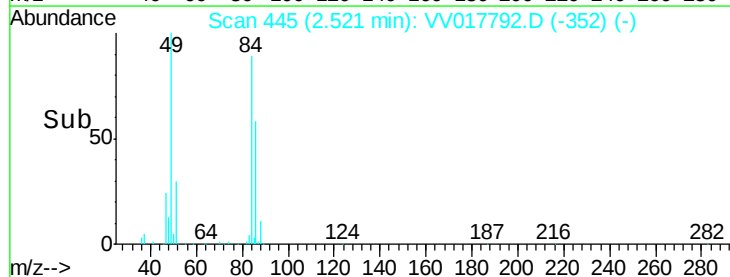
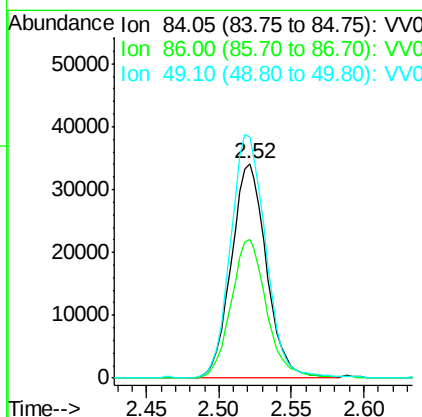
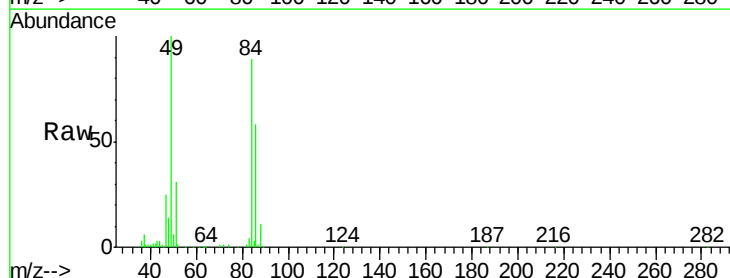
Manual Integrations
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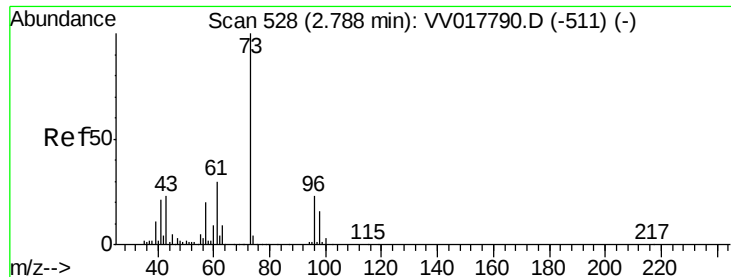
sam
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#16
Methylene chloride
Concen: 7.971 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Tgt Ion	84	Resp	57282
Ion Ratio	100	Lower	Upper
86	65.0	44.9	83.3
49	112.7	78.6	146.0





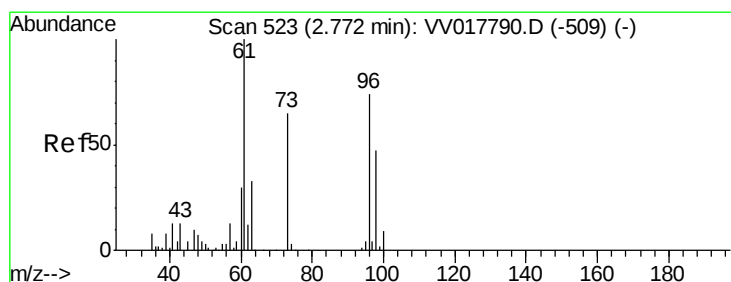
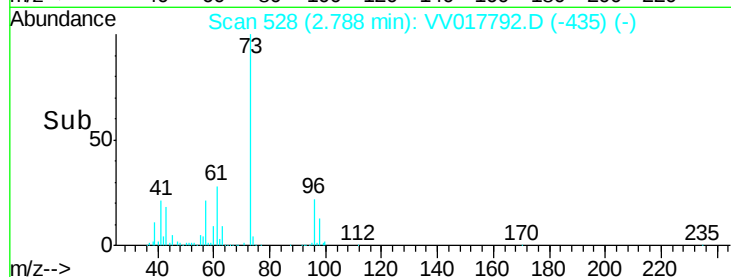
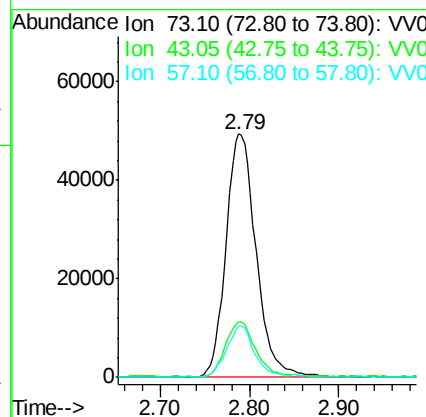
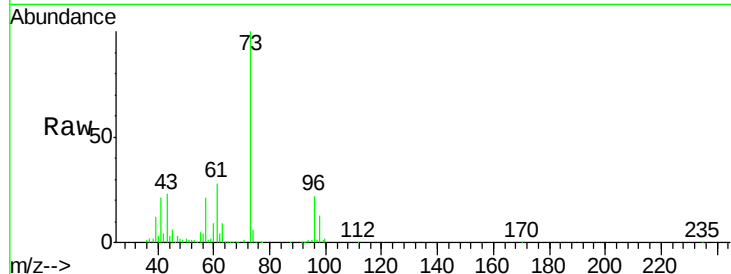
#17
Methvl tert-butvl Ether
Concen: 5.238 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tot Ion:	73	Resp:	115422
Ion	Ratio	Lower	Upper
73	100		
43	22.8	17.6	26.4
57	19.6	17.0	25.6

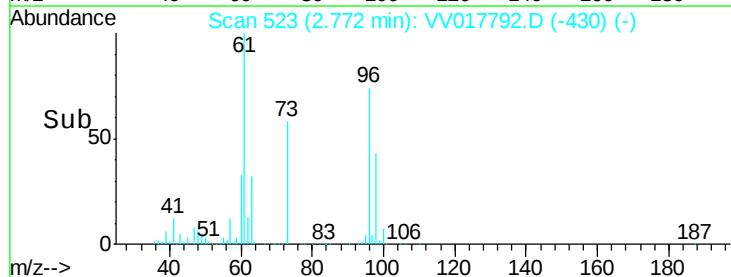
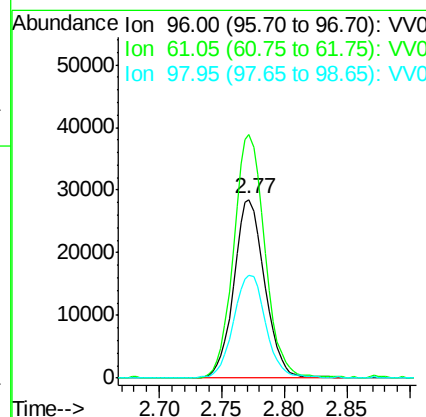
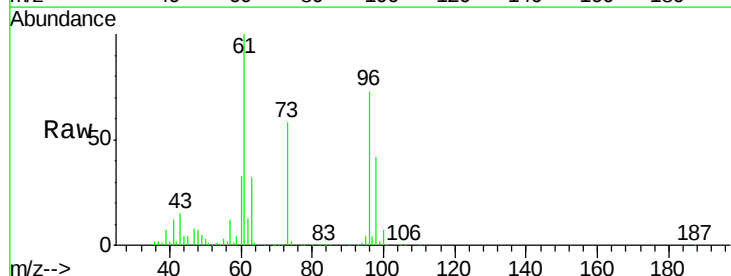
Manual Integrations
APPROVED

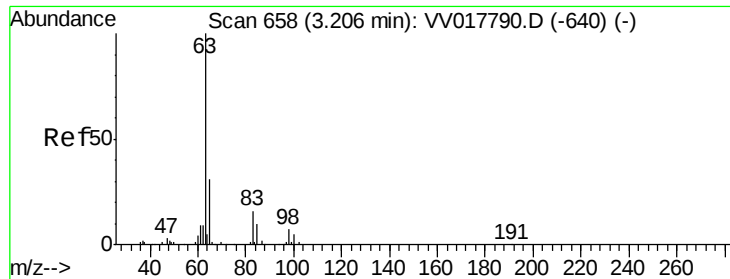
sam
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#18
trans-1,2-Dichloroethene
Concen: 4.837 ug/L
RT: 2.77 min Scan# 523
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Tgt Ion:	96	Resp:	48845
Ion	Ratio	Lower	Upper
96	100		
61	136.2	97.2	180.6
98	57.8	45.0	83.6





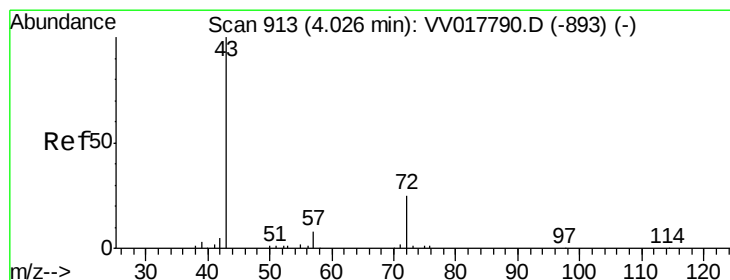
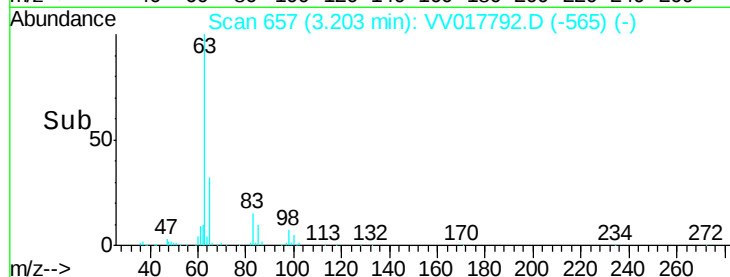
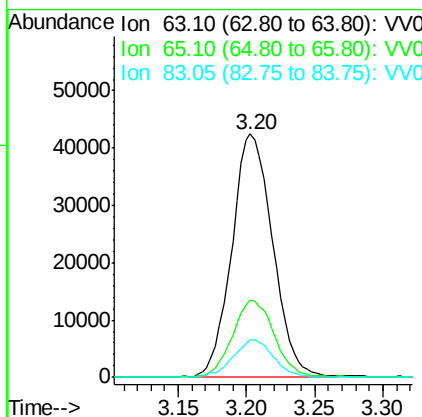
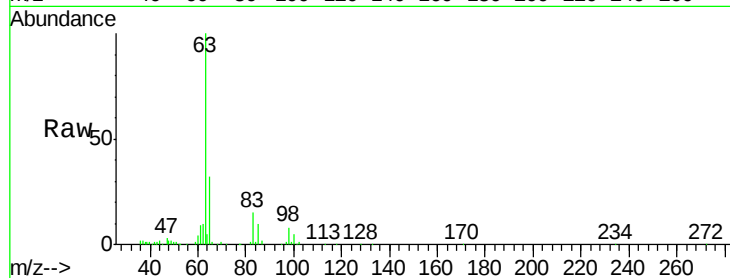
#19
 1,1-Dichloroethane
 Concen: 4.863 ug/L
 RT: 3.20 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Instrument :
 MSVOA_V
 ClientSampled :
 A5169MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.0	42.6
83	15.3	9.7	17.9

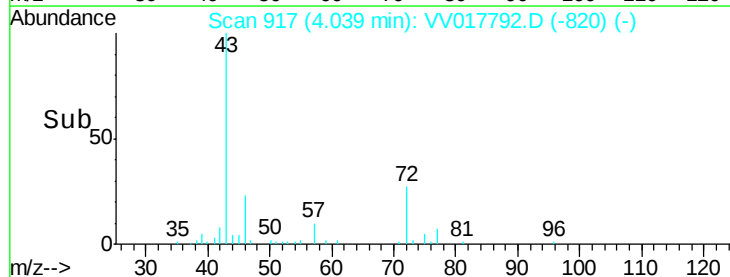
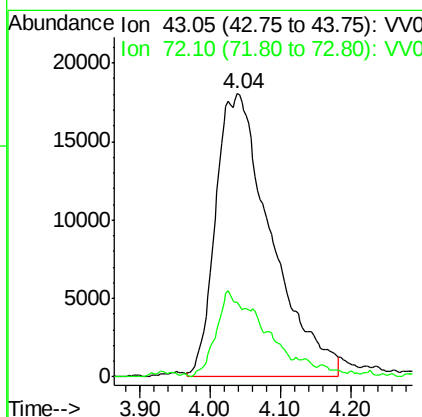
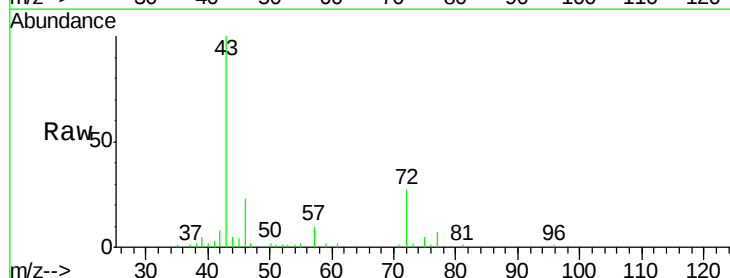
Manual Integrations
 APPROVED

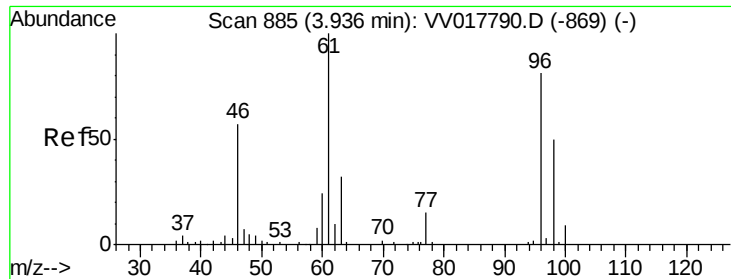
sam
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#21
 2-Butanone
 Concen: 46.768 ug/L m
 RT: 4.04 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.2	13.4	40.2





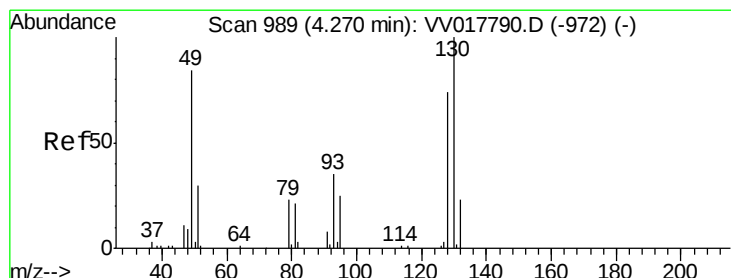
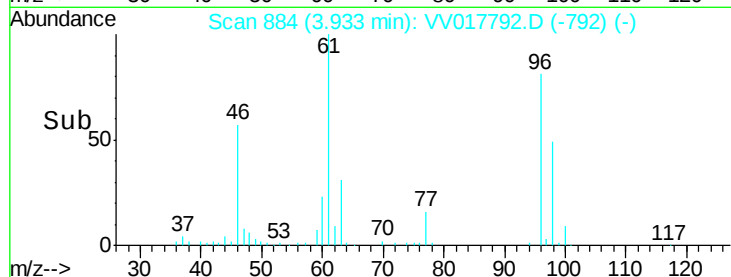
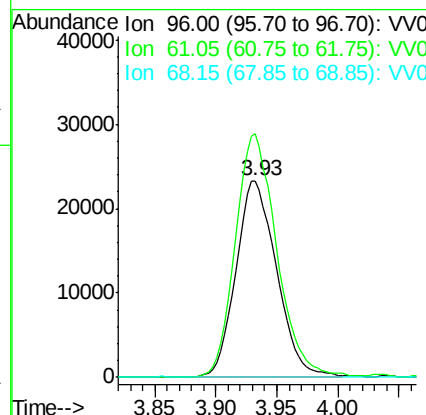
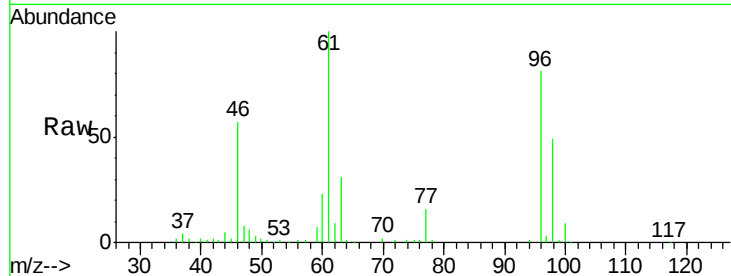
#22
 cis-1,2-Dichloroethene
 Concen: 5.017 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Instrument :
 MSVOA_V
 ClientSampleId :
 A5169MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.9	90.0	167.2
68	0.0	0.0	0.0

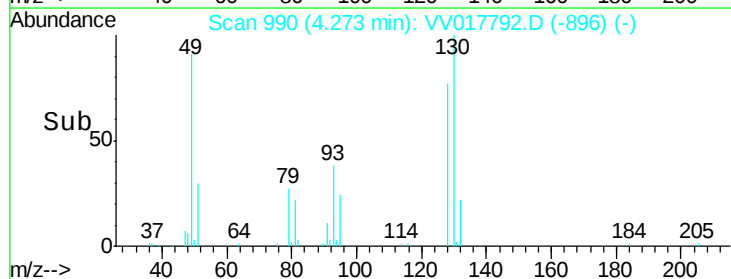
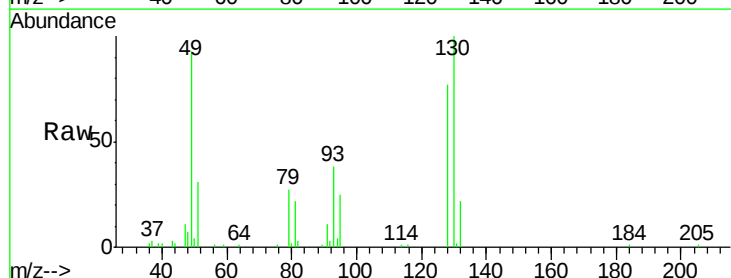
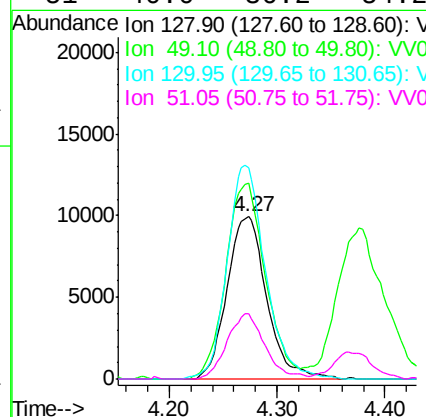
Manual Integrations
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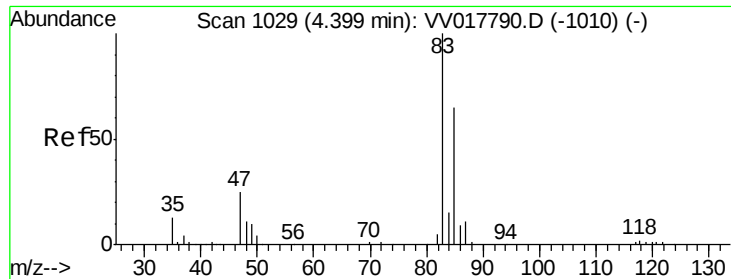
sam
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#23
 Bromochloromethane
 Concen: 5.400 ug/L
 RT: 4.27 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
128	100		
49	120.8	105.1	195.1
130	130.2	88.9	165.1
51	40.0	36.2	54.2





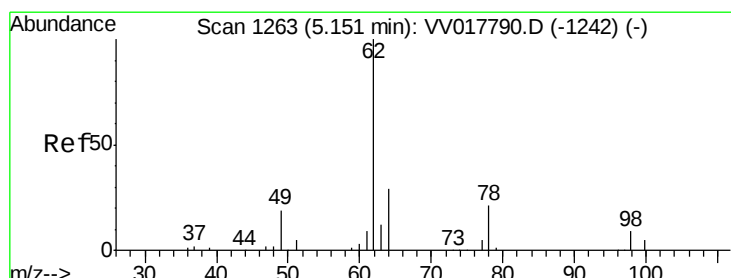
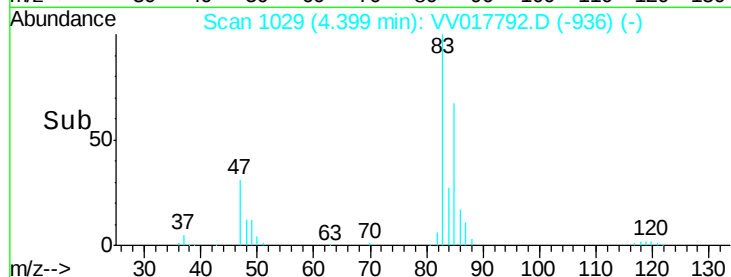
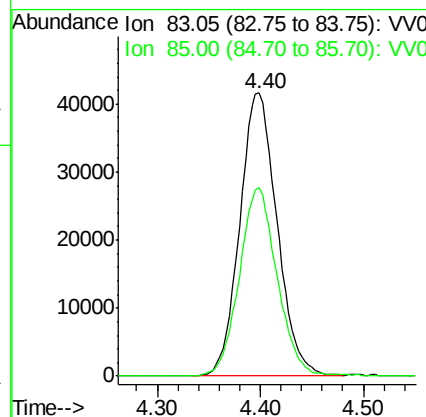
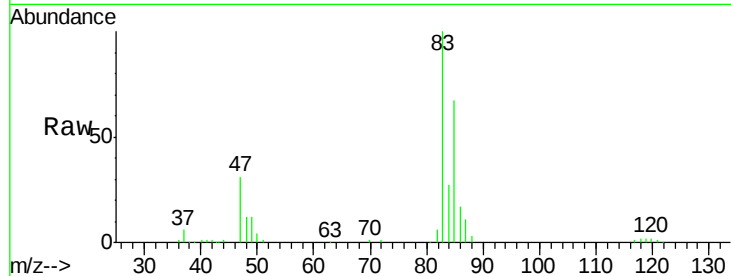
#25
Chloroform
Concen: 4.626 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tot Ion	83	Resp	104738
Ion Ratio	Lower	Upper	
83	100		
85	66.5	45.2	84.0

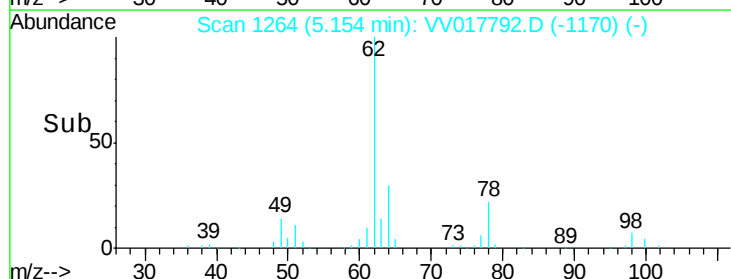
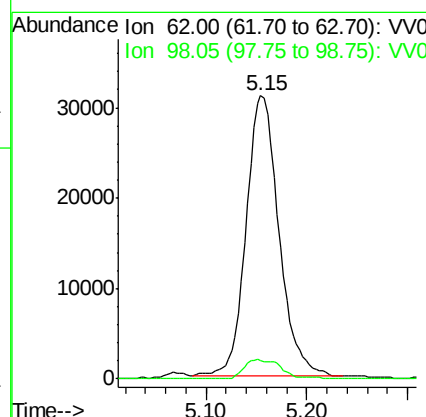
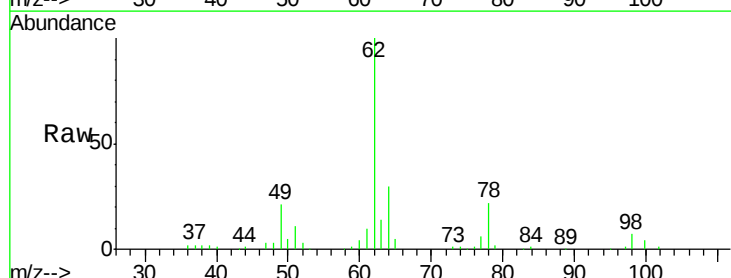
Manual Integrations
APPROVED

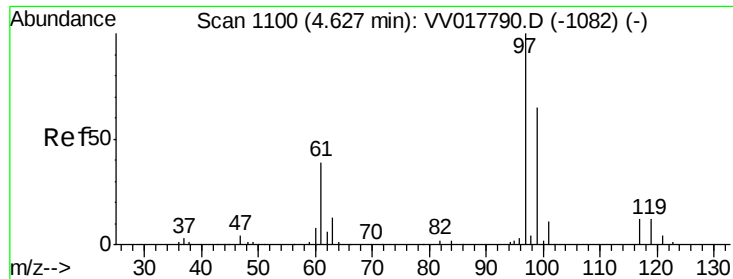
sam
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#27
1,2-Dichloroethane
Concen: 5.619 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Tgt Ion	62	Resp	70212
Ion Ratio	Lower	Upper	
62	100		
98	6.7	7.0	10.6#





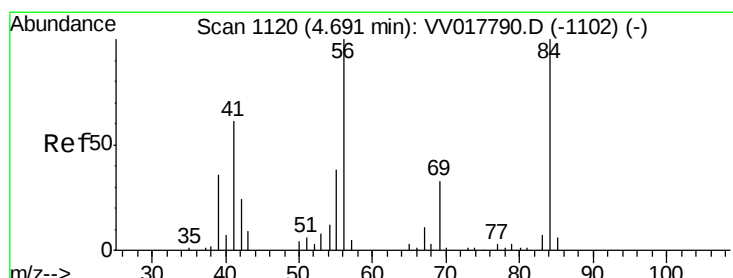
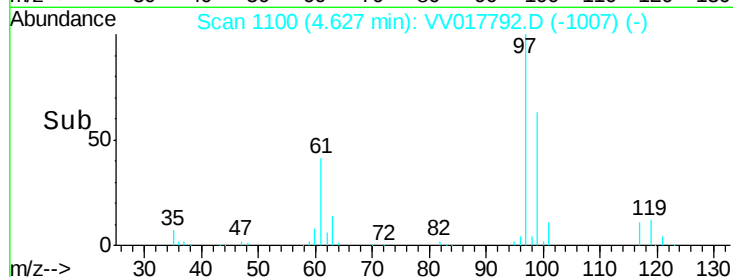
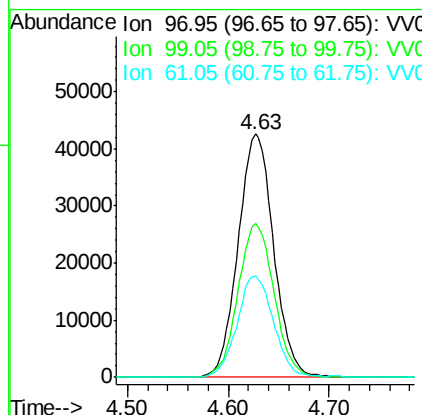
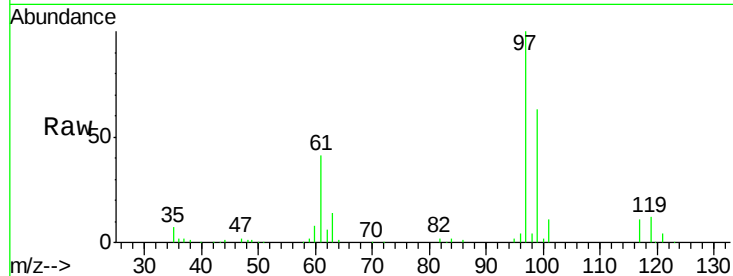
#29
 1,1,1-Trichloroethane
 Concen: 5.663 ug/L
 RT: 4.63 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Instrument :
 MSVOA_V
 ClientSampled :
 A5169MS

Tot Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.8
61	42.5	34.5	51.7

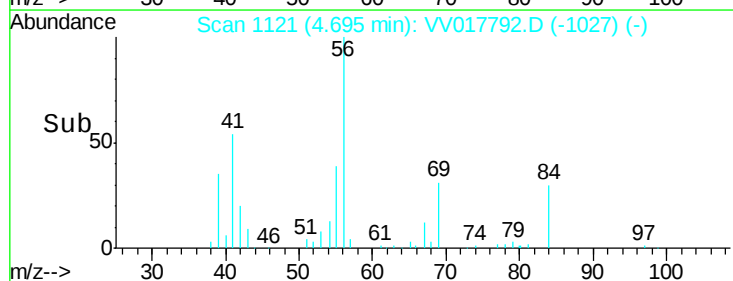
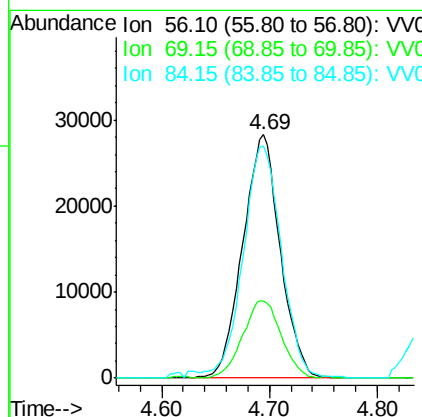
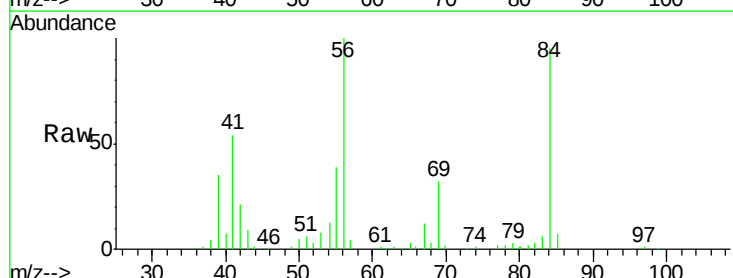
Manual Integrations
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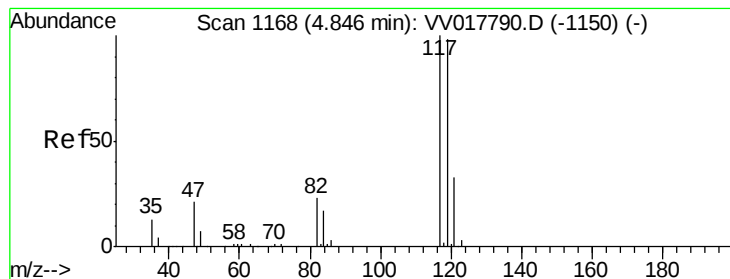
sam
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#30
 Cyclohexane
 Concen: 4.339 ug/L
 RT: 4.69 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.8	37.2
84	95.7	75.4	113.2





#31

Carbon tetrachloride

Concen: 5.760 ug/L

RT: 4.85 min Scan# 1168

Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

A5169MS

Tot Ion:117 Resp: 95337

Ion Ratio Lower Upper

117 100

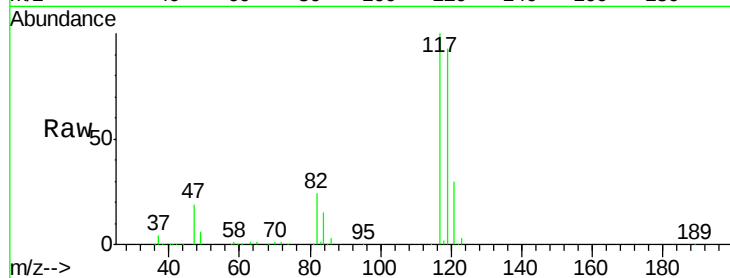
119 96.9 77.7 116.5

Manual Integrations

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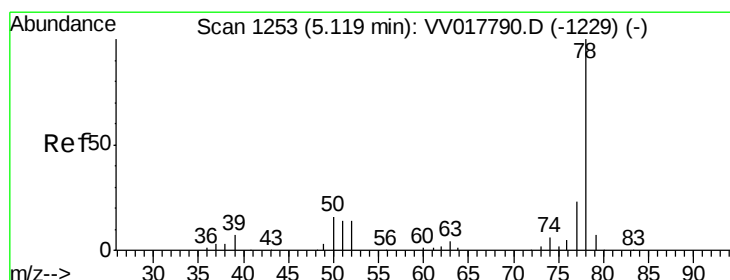
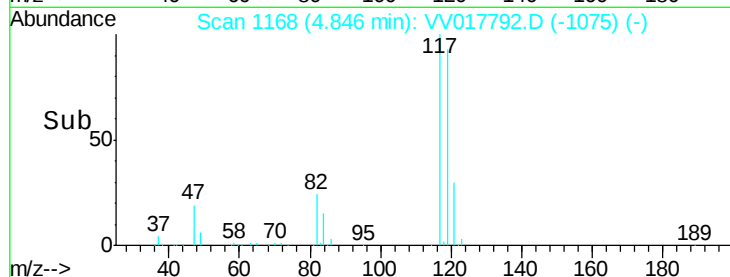
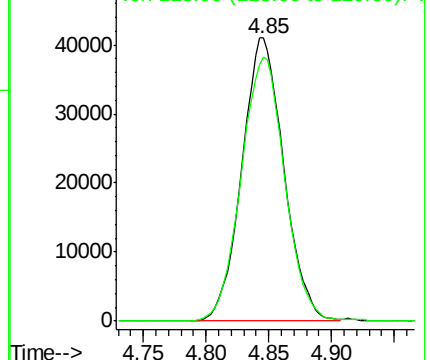
sam

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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.879 ug/L

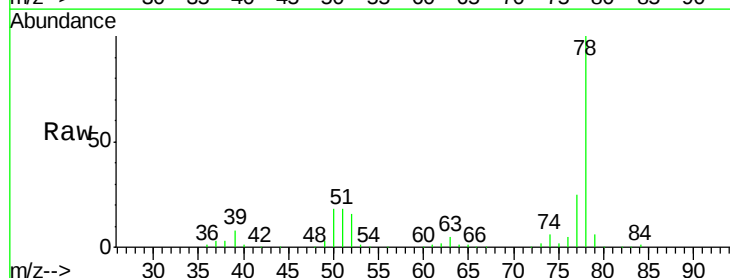
RT: 5.12 min Scan# 1253

Delta R.T. -0.00 min

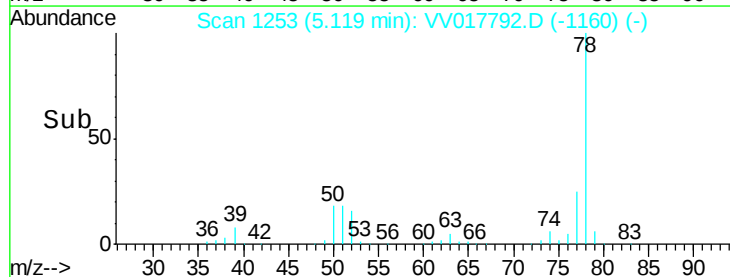
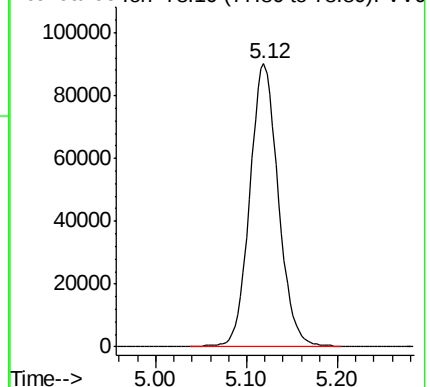
Lab File: VV017792.D

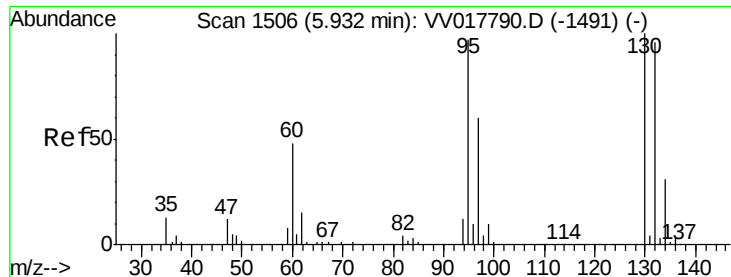
Acq: 03 Aug 2020 13:14

Tgt Ion: 78 Resp: 197231



Abundance Ion 78.10 (77.80 to 78.80): VV0





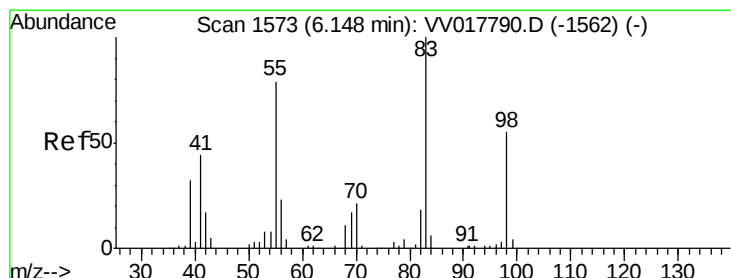
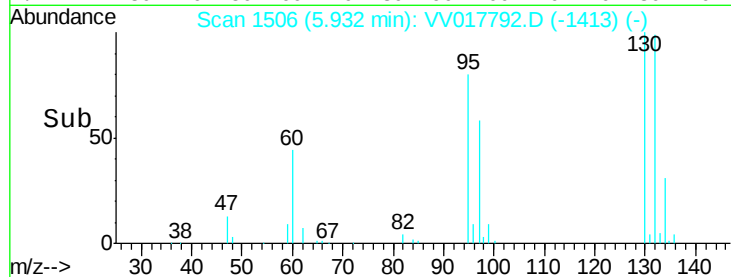
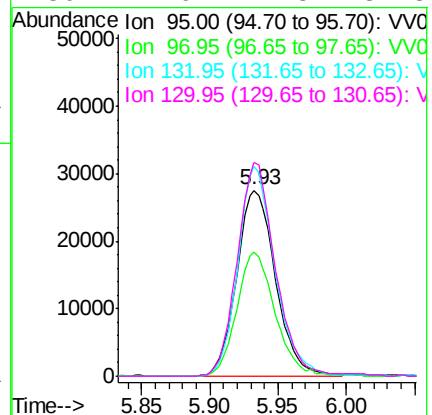
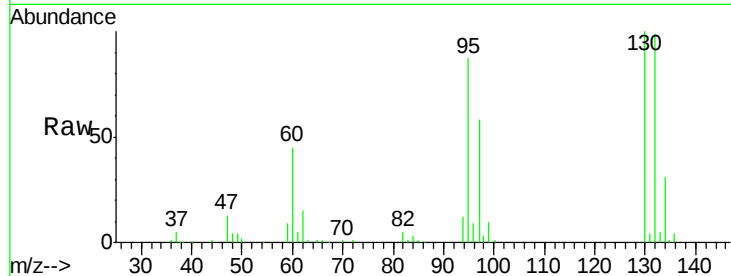
#34
 Trichloroethene
 Concen: 4.725 ug/L
 RT: 5.93 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Instrument :
 MSVOA_V
 ClientSampled :
 A5169MS

Tot Ion:	95	Resp:	54471
Ion	Ratio	Lower	Upper
95	100		
97	67.1	42.8	79.6
132	113.2	70.8	131.6
130	114.9	72.3	134.3

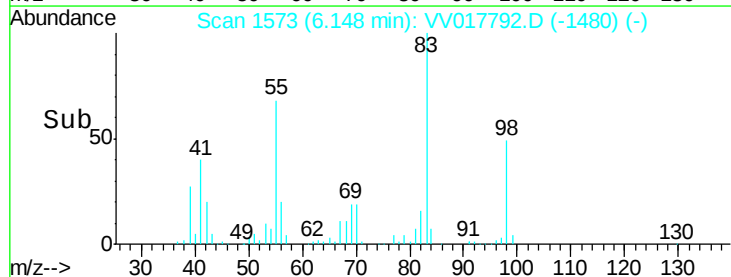
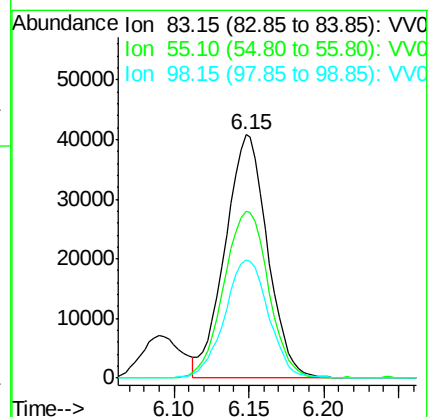
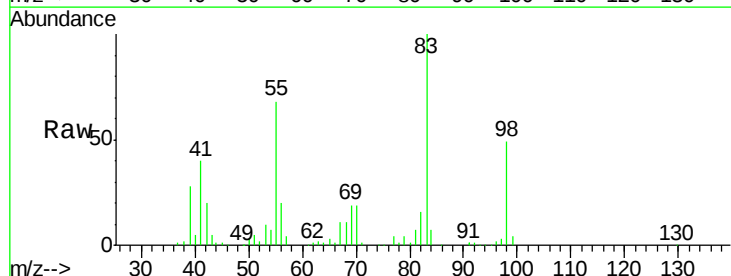
Manual Integrations
 APPROVED

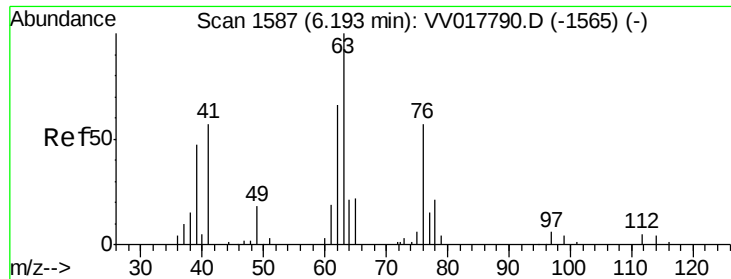
sam
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#35
 Methylcyclohexane
 Concen: 4.464 ug/L
 RT: 6.15 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Tgt Ion:	83	Resp:	80624
Ion	Ratio	Lower	Upper
83	100		
55	72.1	60.1	90.1
98	50.3	40.2	60.4





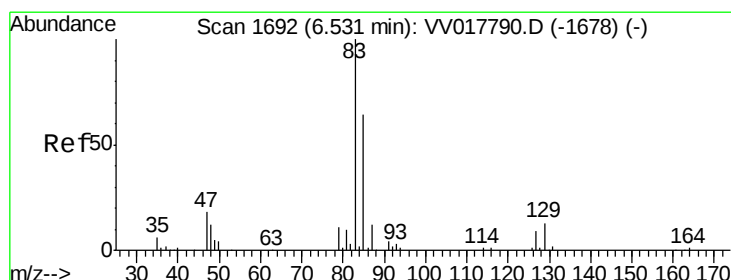
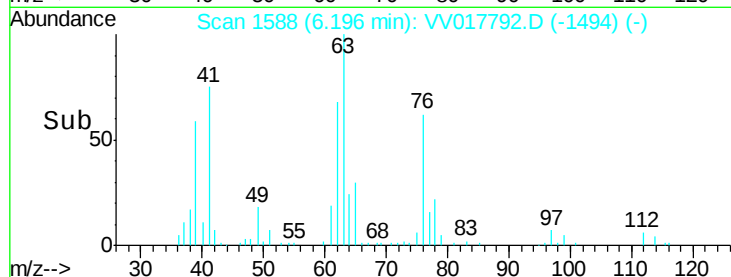
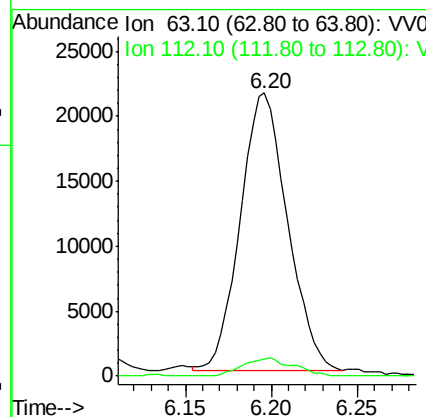
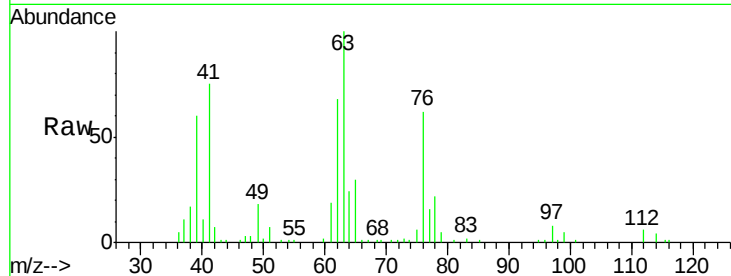
#37
 1,2-Dichloropropane
 Concen: 4.371 ug/L
 RT: 6.20 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Instrument :
 MSVOA_V
 ClientSampleId :
 A5169MS

Tot Ion: 63 Resp: 40881
 Ion Ratio Lower Upper
 63 100
 112 6.9 3.8 5.6#

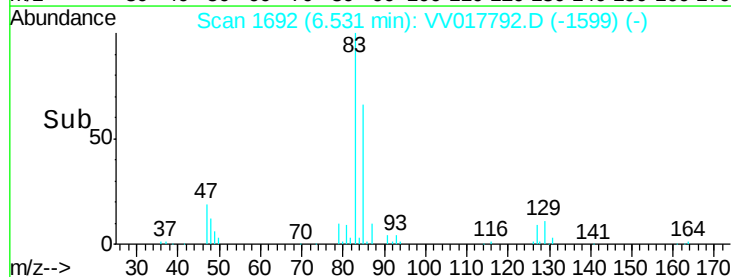
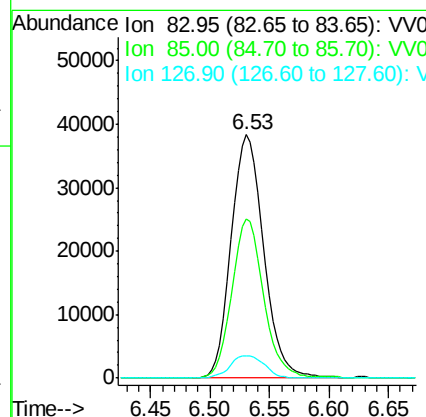
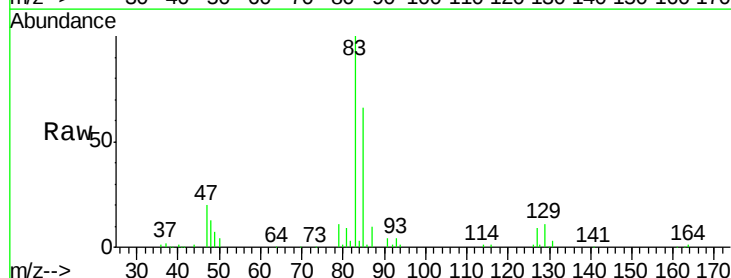
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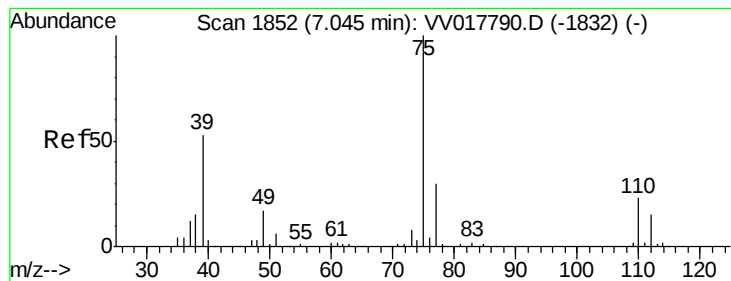
sam
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#38
 Bromodichloromethane
 Concen: 5.525 ug/L
 RT: 6.53 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Tgt Ion: 83 Resp: 72953
 Ion Ratio Lower Upper
 83 100
 85 65.6 43.9 81.5
 127 8.9 6.9 10.3





#39

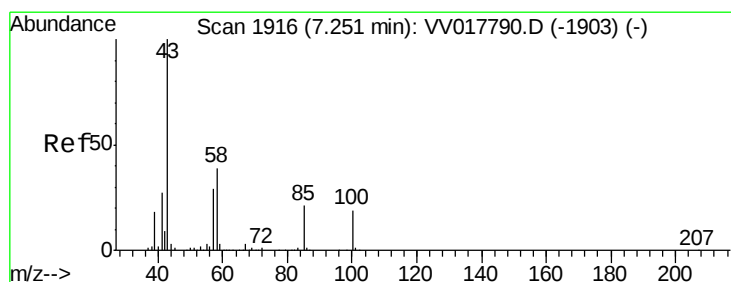
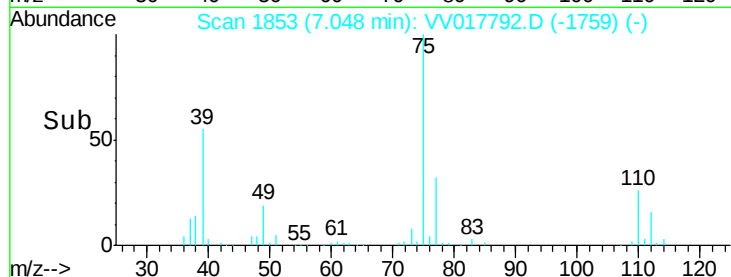
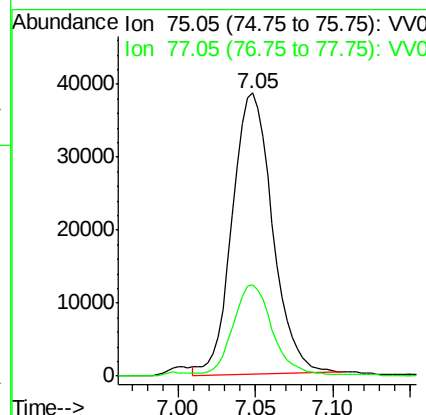
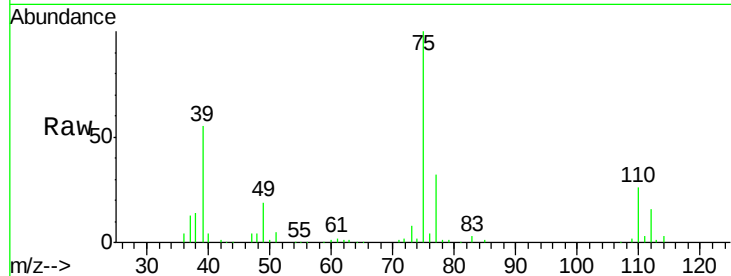
cis-1,3-Dichloropropene
Concen: 4.715 ug/L
RT: 7.05 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	22.4	41.6

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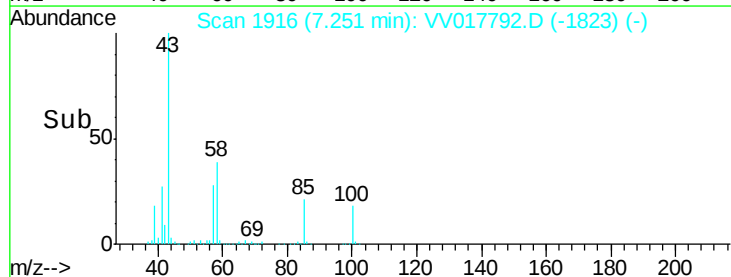
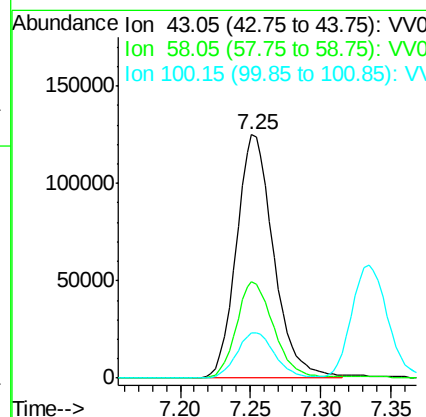
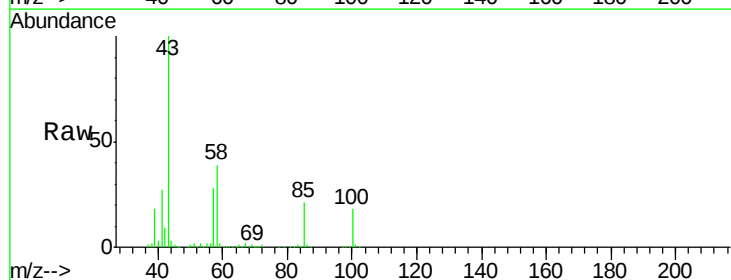
sam
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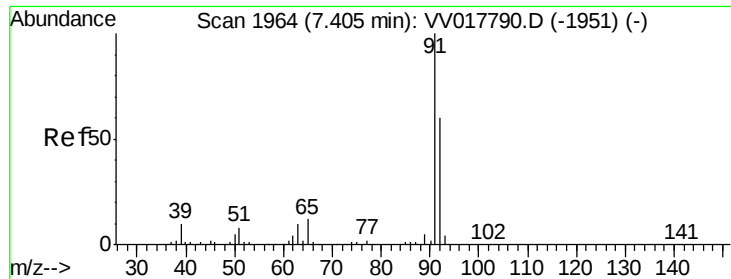


#40

4-Methyl-2-pentanone
Concen: 43.733 ug/L
RT: 7.25 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.9	47.9
100	19.1	14.0	21.0





#42

Toluene

Concen: 4.948 ug/L

RT: 7.41 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

A5169MS

Tot Ion: 91 Resp: 222369

Ion Ratio Lower Upper

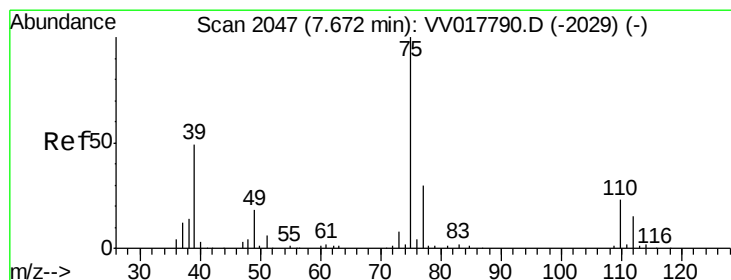
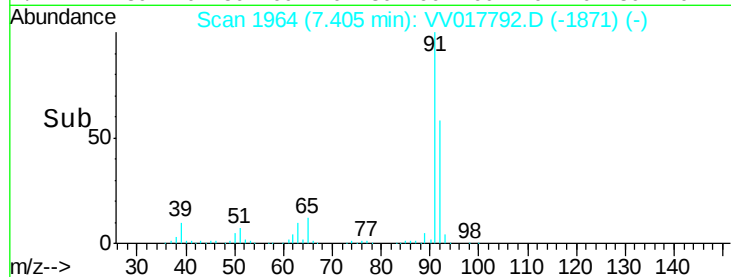
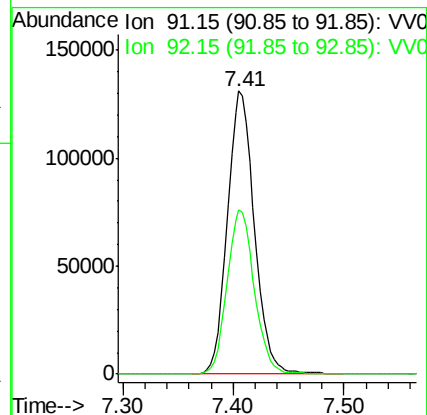
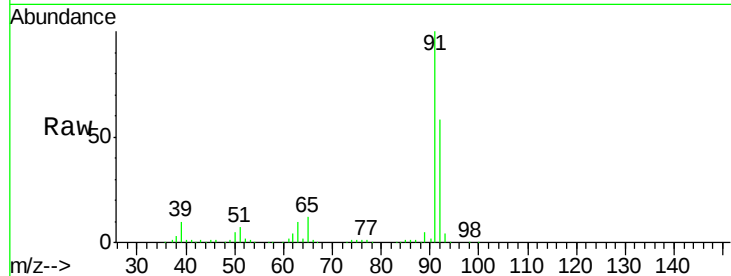
91 100

92 58.0 41.3 76.7

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#44

trans-1,3-Dichloropropene

Concen: 5.687 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.00 min

Lab File: VV017792.D

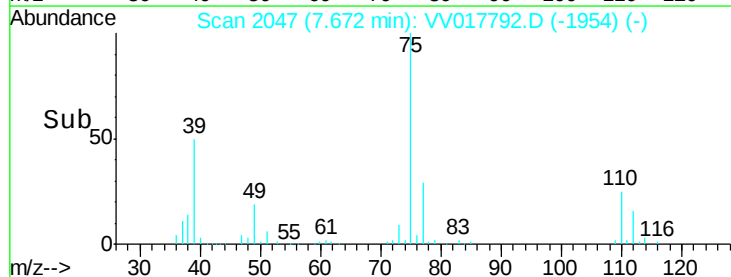
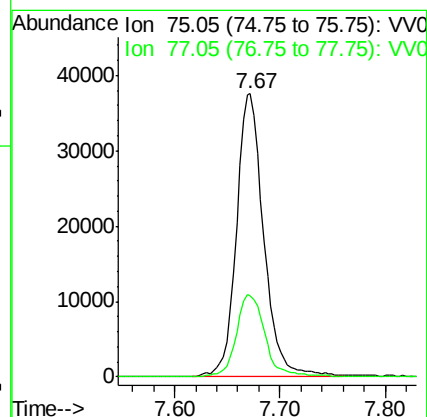
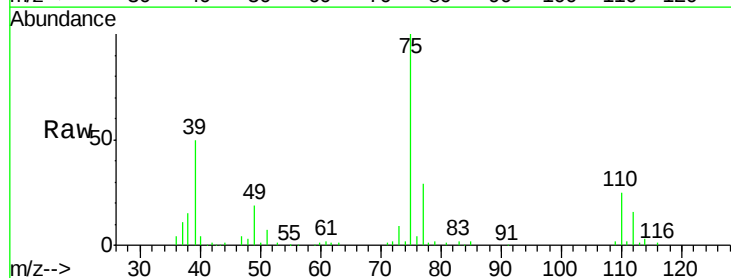
Acq: 03 Aug 2020 13:14

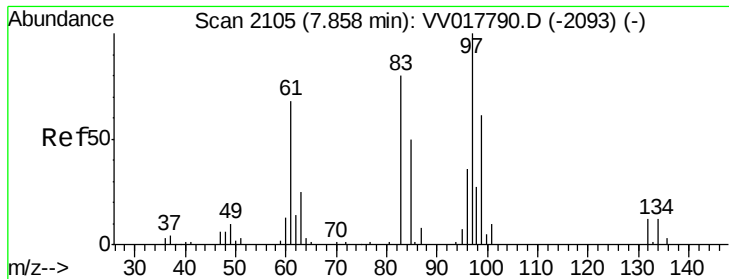
Tgt Ion: 75 Resp: 67431

Ion Ratio Lower Upper

75 100

77 28.9 21.6 40.0





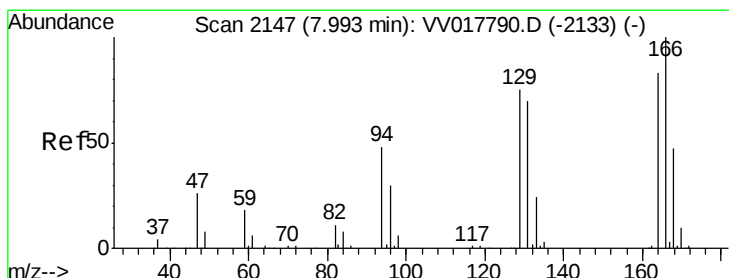
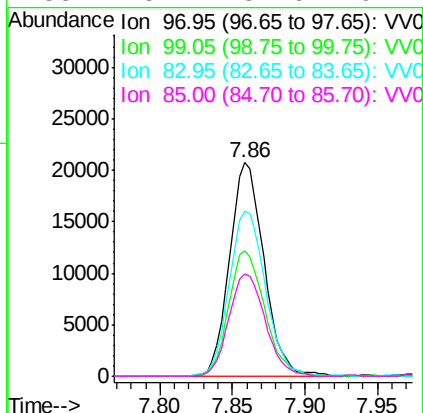
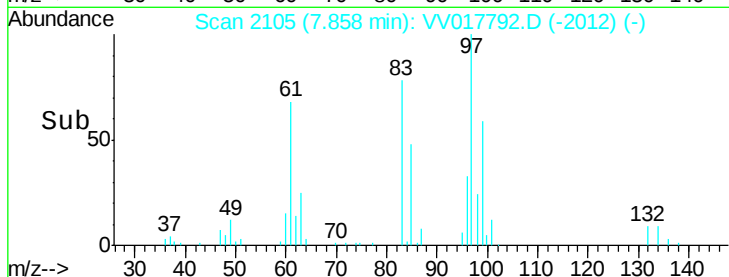
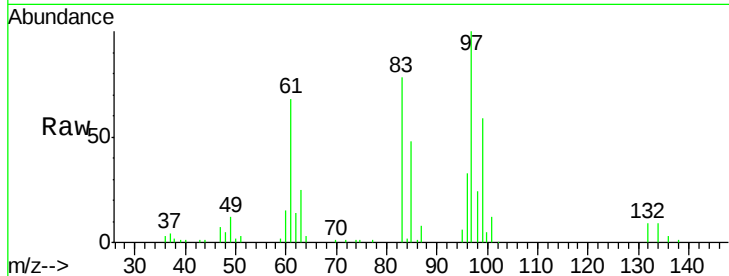
#45
1,1,2-Trichloroethane
Concen: 4.791 ug/L
RT: 7.86 min Scan# 2105
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tot Ion:	97	Resp:	34171
Ion	Ratio	Lower	Upper
97	100		
99	58.6	42.0	78.0
83	77.6	57.6	107.0
85	48.1	34.6	64.2

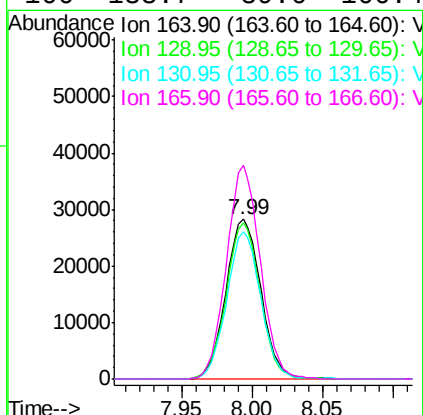
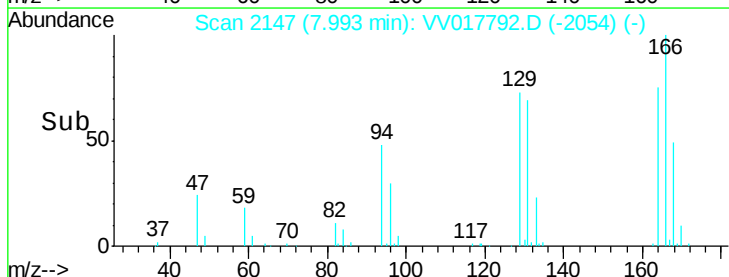
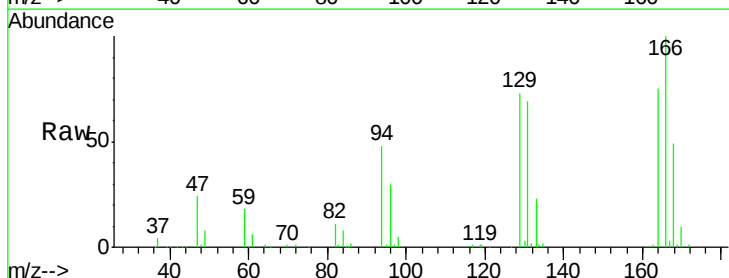
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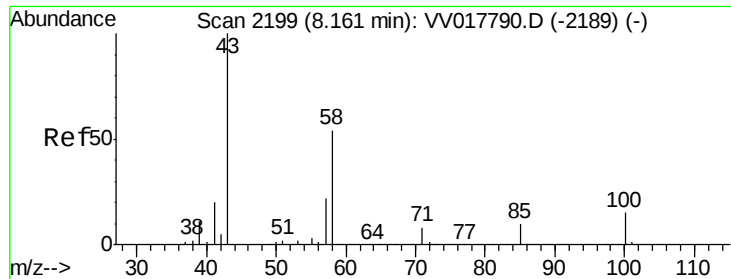
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#47
Tetrachloroethene
Concen: 4.871 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Tgt Ion:	164	Resp:	49070
Ion	Ratio	Lower	Upper
164	100		
129	97.6	61.9	114.9
131	92.5	59.4	110.4
166	133.7	89.6	166.4





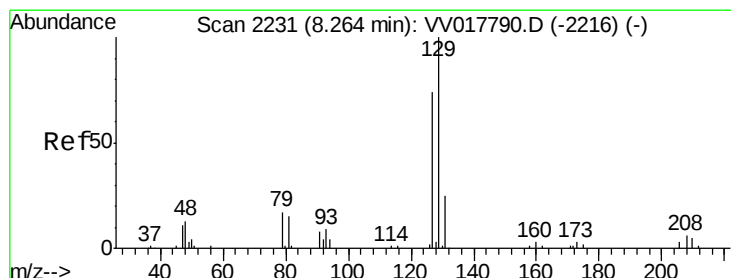
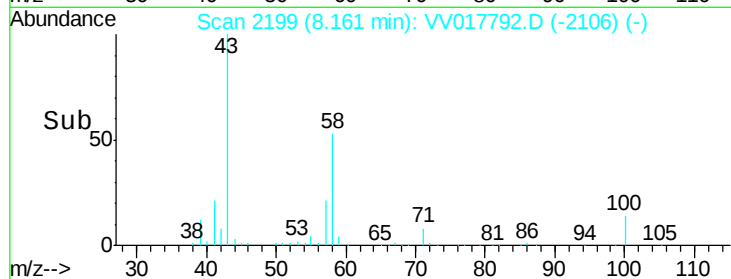
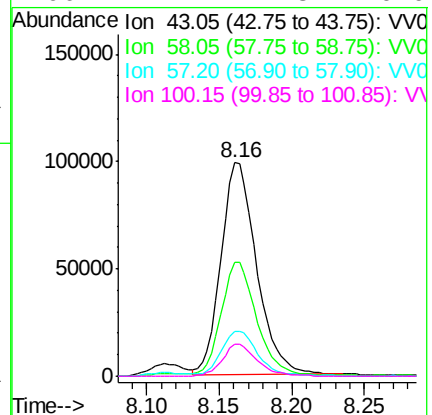
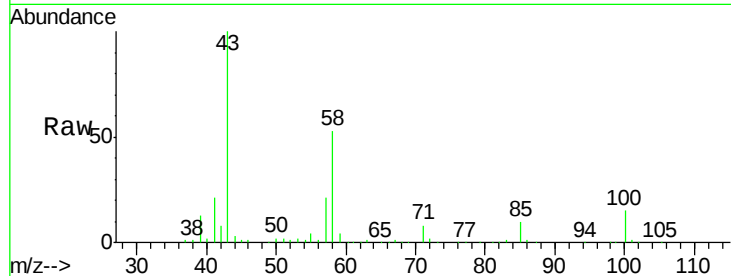
#48
2-Hexanone
Concen: 45.423 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	52.4	44.1	66.1	
57	21.4	16.1	24.1	
100	14.7	11.3	16.9	

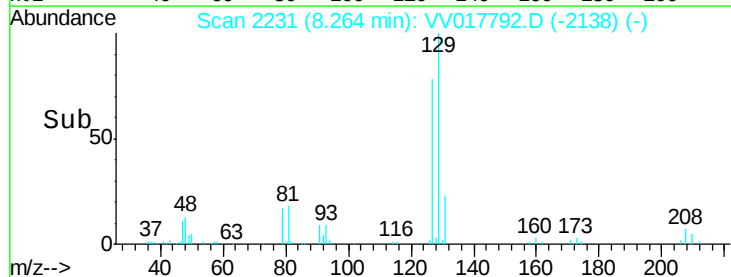
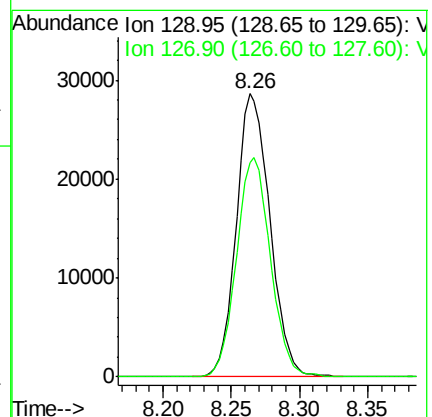
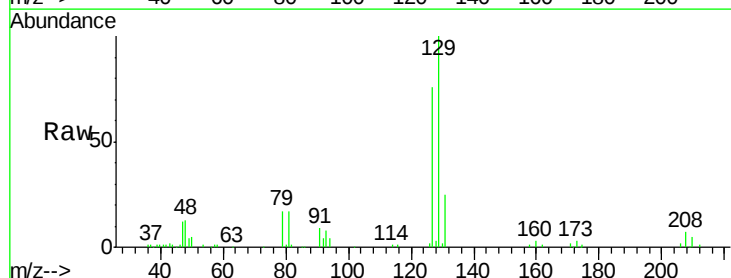
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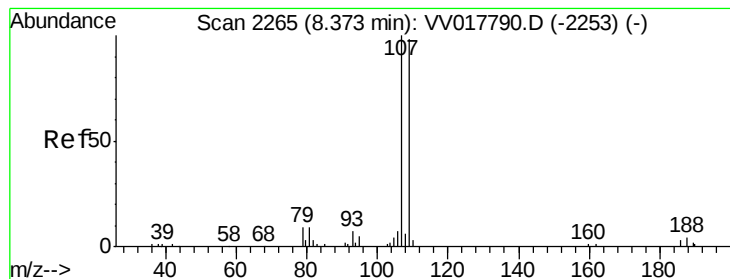
sam
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#49
Dibromochloromethane
Concen: 5.602 ug/L
RT: 8.26 min Scan# 2231
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	75.7	55.4	102.8	





#50

1,2-Dibromoethane

Concen: 4.961 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Instrument :

MSVOA_V

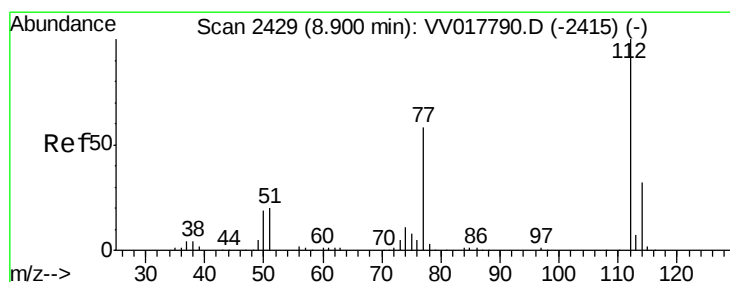
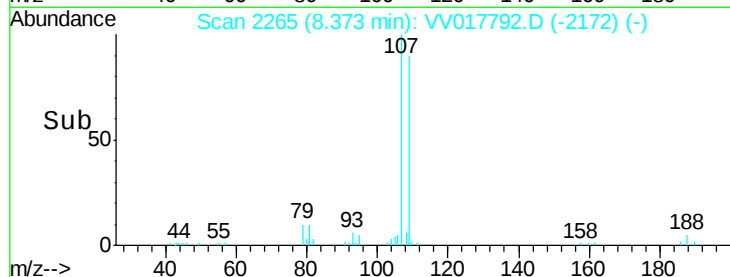
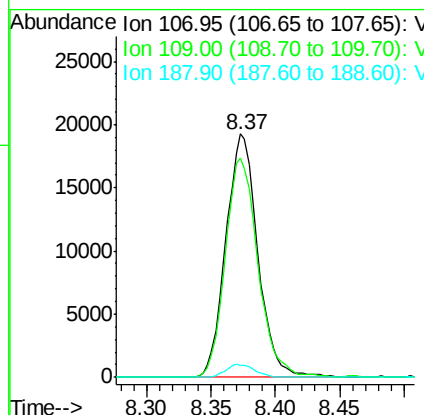
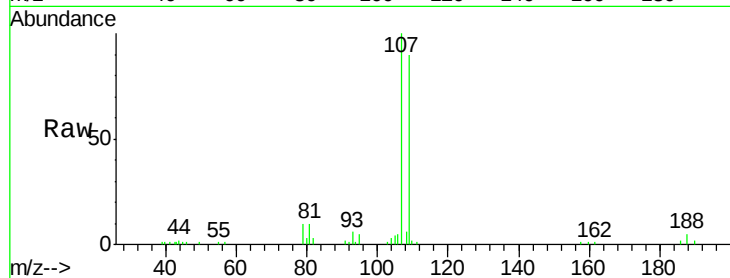
ClientSampleId :

A5169MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	33071		
109	90.2	66.3	123.1	
188	5.1	3.4	5.0#	

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#51

Chlorobenzene

Concen: 4.990 ug/L

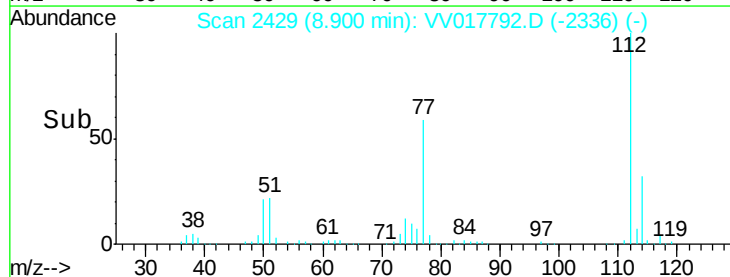
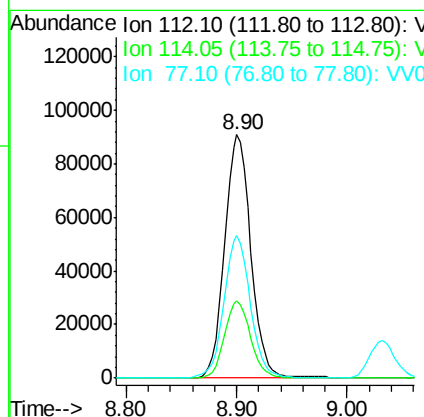
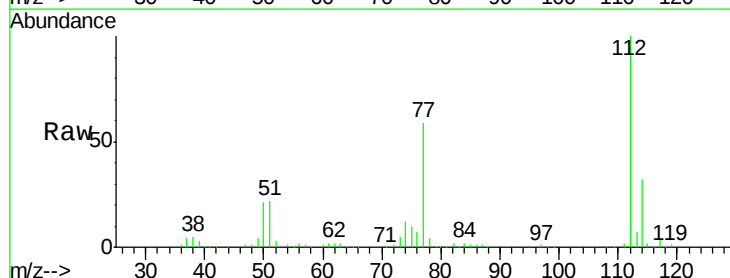
RT: 8.90 min Scan# 2429

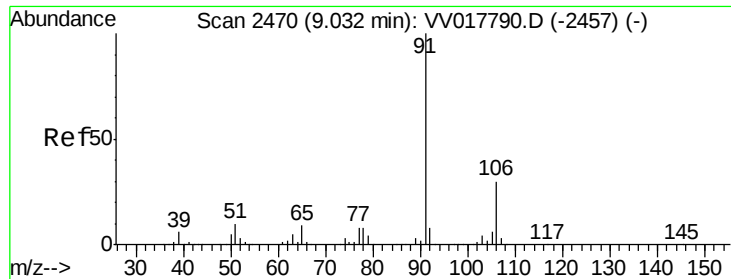
Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	149938		
114	31.8	22.1	41.1	
77	58.7	45.9	68.9	





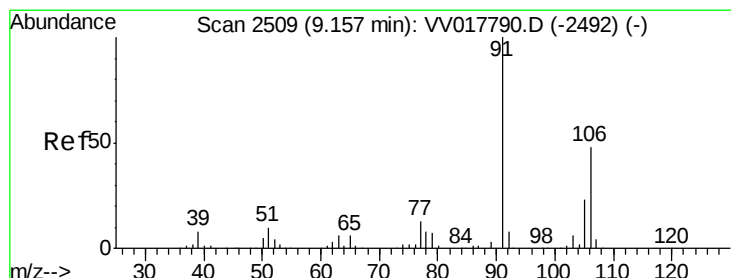
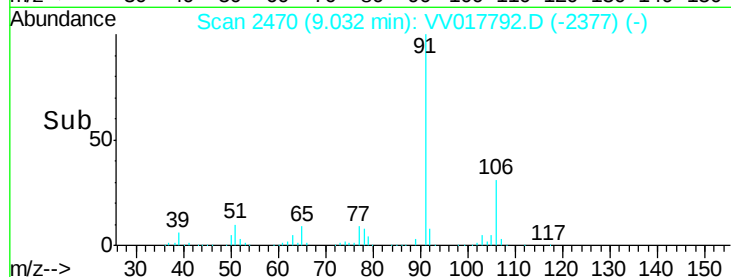
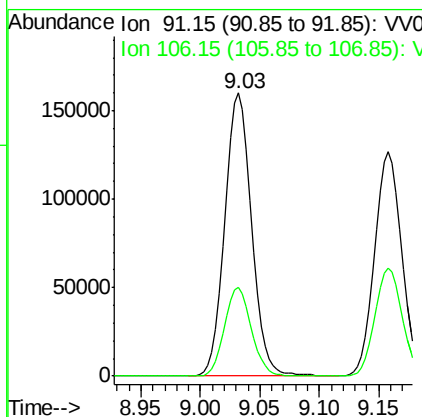
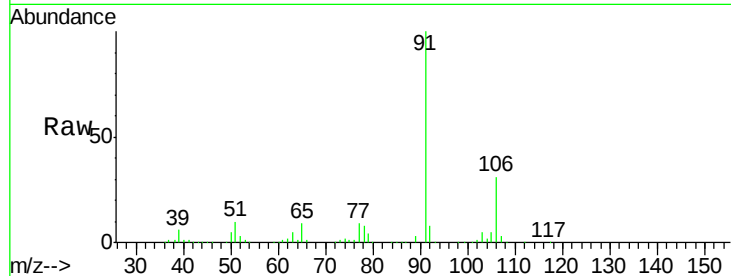
#52
Ethylbenzene
Concen: 4.881 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tot Ion: 91 Resp: 250355
Ion Ratio Lower Upper
91 100
106 31.5 21.6 40.2

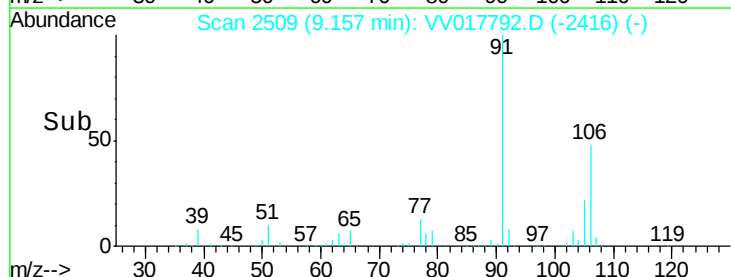
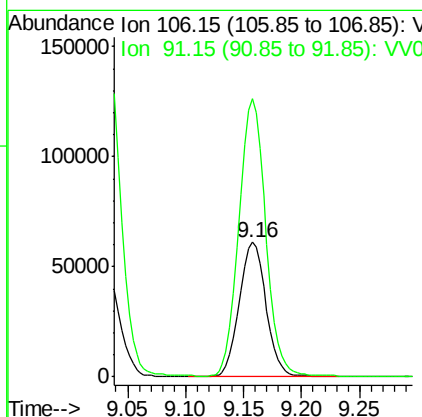
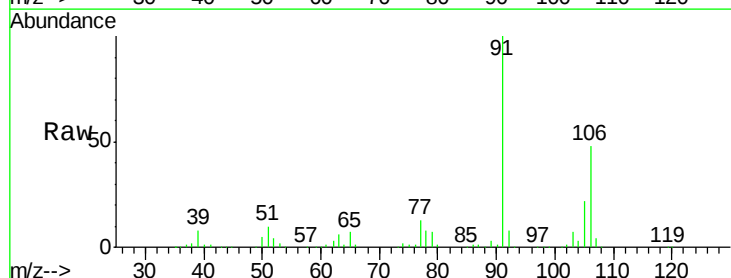
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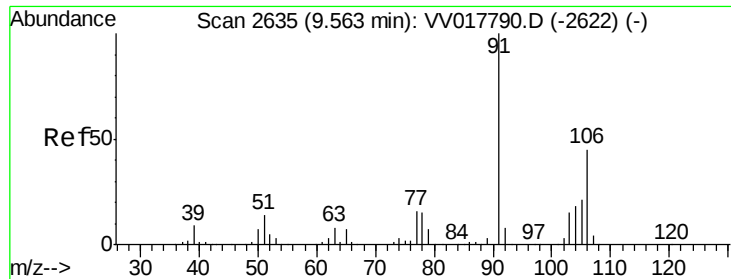
sam
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#53
m,p-xylene
Concen: 5.052 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Tgt Ion: 106 Resp: 98640
Ion Ratio Lower Upper
106 100
91 206.8 141.6 263.0





#54

o-xylene

Concen: 5.079 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Instrument :

MSVOA_V

ClientSampled :

A5169MS

Tot Ion:106 Resp: 93851

Ion Ratio Lower Upper

106 100

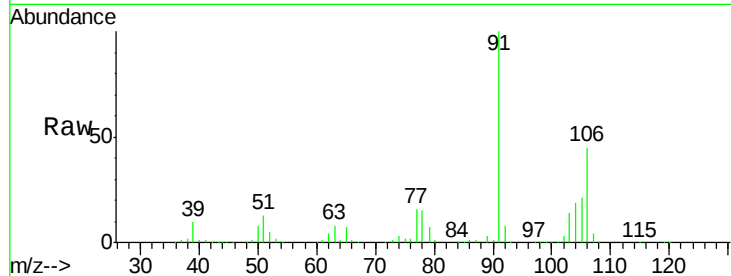
91 221.8 146.8 272.6

Manual Integrations

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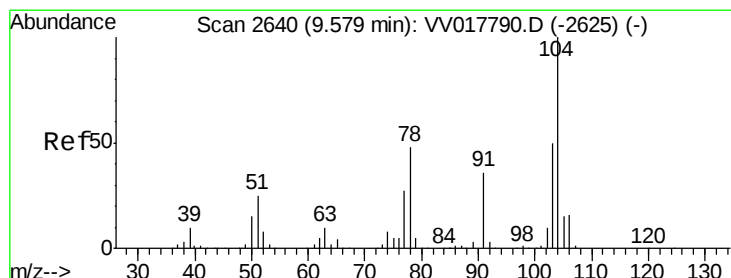
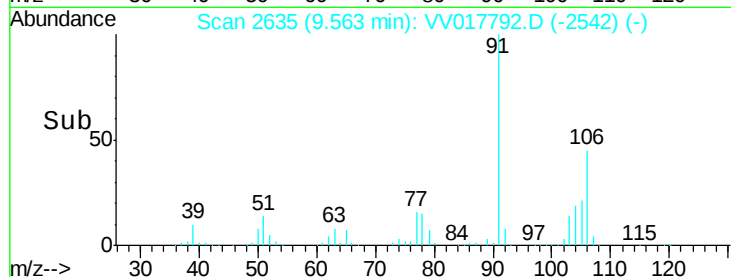
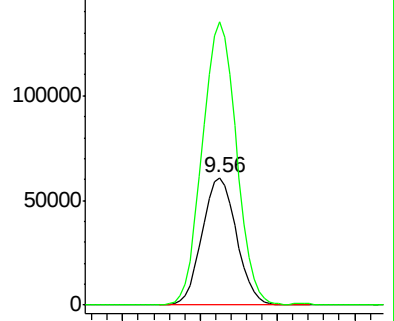
sam

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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.128 ug/L

RT: 9.58 min Scan# 2640

Delta R.T. -0.00 min

Lab File: VV017792.D

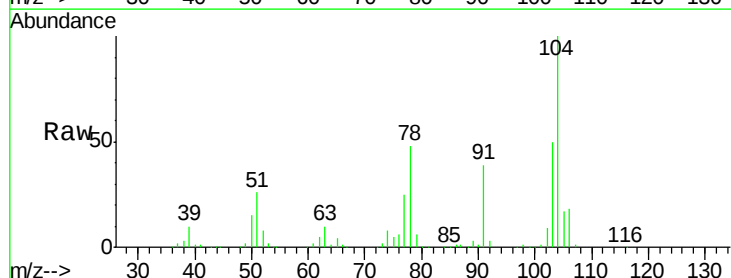
Acq: 03 Aug 2020 13:14

Tgt Ion:104 Resp: 159641

Ion Ratio Lower Upper

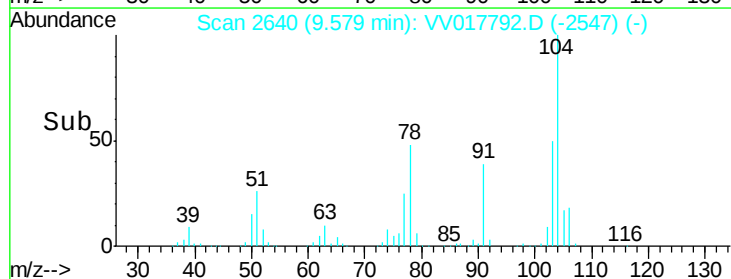
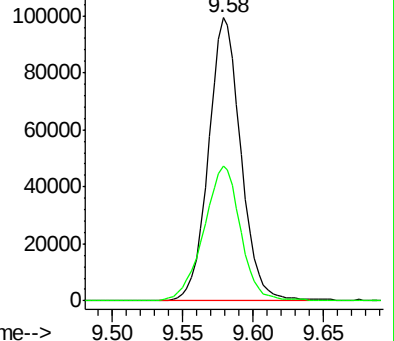
104 100

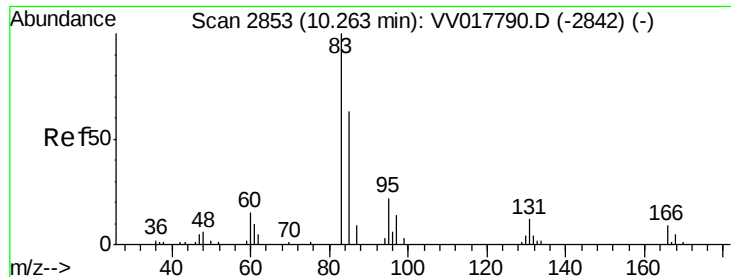
78 47.8 33.3 61.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





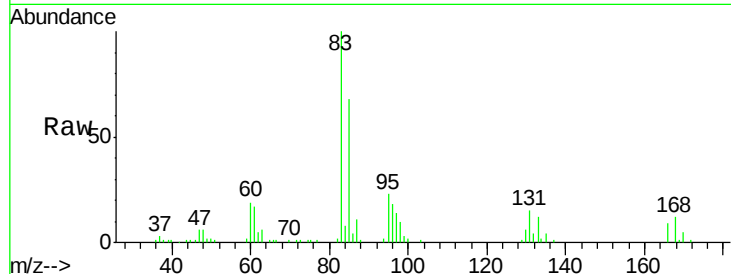
#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.471 ug/L
 RT: 10.26 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Instrument :
 MSVOA_V
 ClientSampleId :
 A5169MS

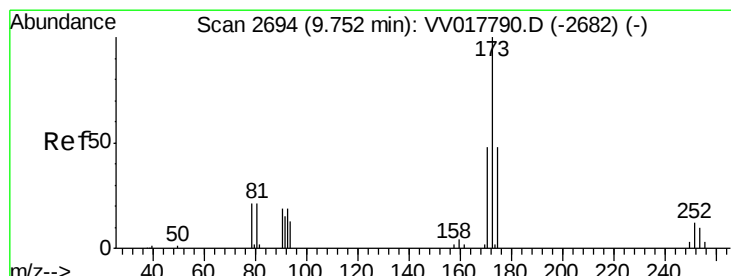
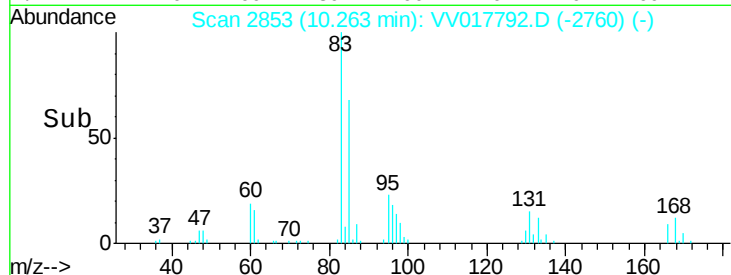
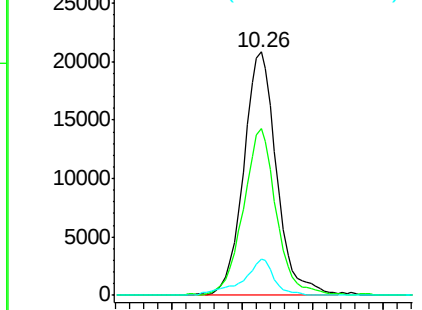
Tot Ion	83	Resp	34226
Ion Ratio	100	Lower	Upper
83	100		
85	68.4	44.0	81.6
131	14.9	8.3	12.5#

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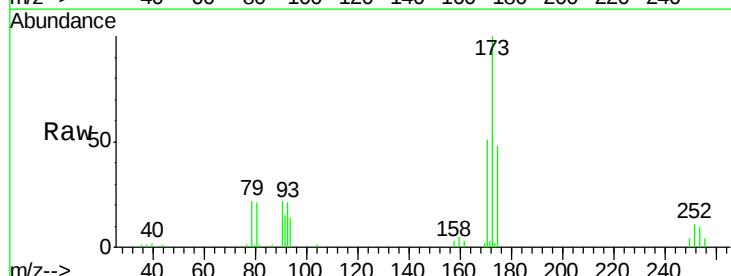


Abundance Ion 82.95 (82.65 to 83.65): VV017792.D (-2601) (-)
 Ion 85.00 (84.70 to 85.70): VV017792.D (-2601) (-)
 Ion 130.95 (130.65 to 131.65): VV017792.D (-2601) (-)

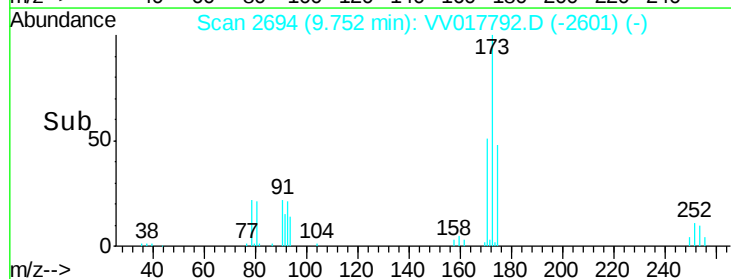
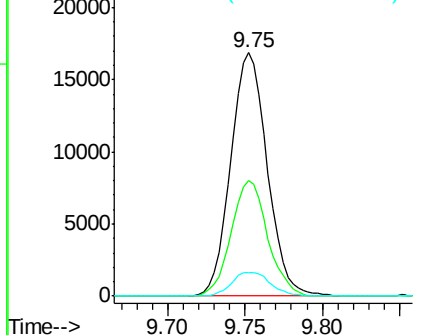


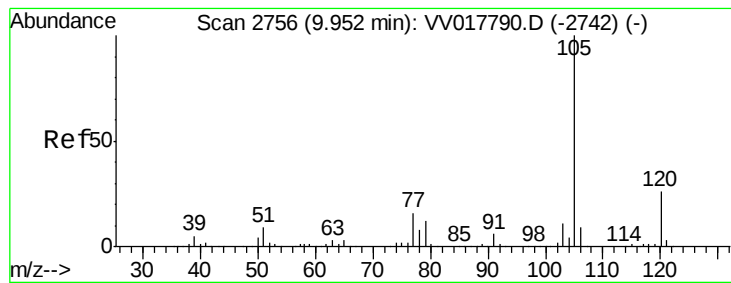
#59
 Bromoform
 Concen: 5.475 ug/L
 RT: 9.75 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Tgt Ion	173	Resp	27560
Ion Ratio	100	Lower	Upper
173	100		
175	47.5	38.3	57.5
254	10.3	8.6	13.0



Abundance Ion 172.90 (172.60 to 173.60): VV017792.D (-2601) (-)
 Ion 174.90 (174.60 to 175.60): VV017792.D (-2601) (-)
 Ion 253.75 (253.45 to 254.45): VV017792.D (-2601) (-)





#60

Isopropylbenzene

Concen: 4.885 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Instrument :

MSVOA_V

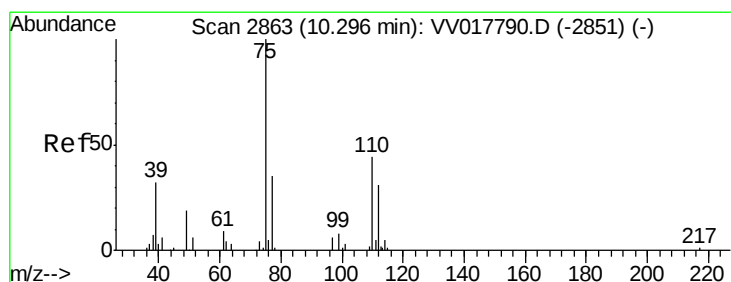
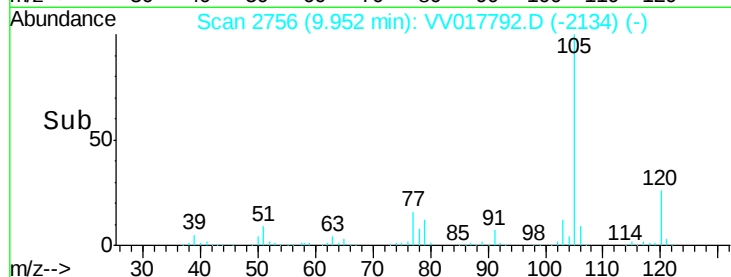
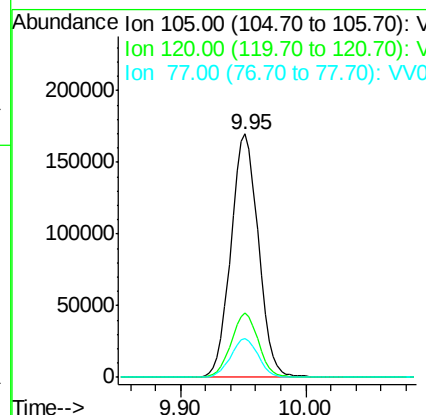
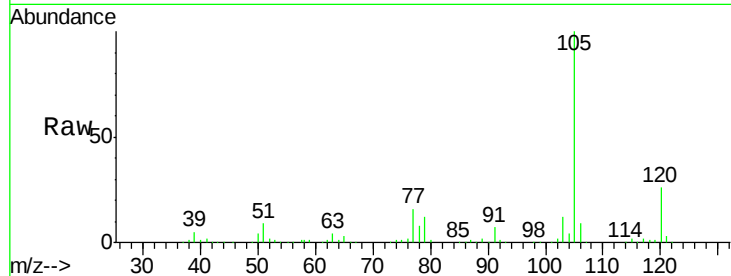
ClientSampleId :

A5169MS

Tot Ion:	105	Resp:	259844
Ion Ratio	Lower	Upper	
105	100		
120	26.2	21.5	32.3
77	16.1	12.3	18.5

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#61

1,2,3-Trichloropropane

Concen: 4.833 ug/L

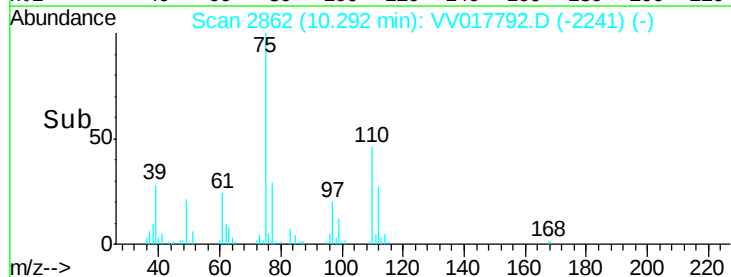
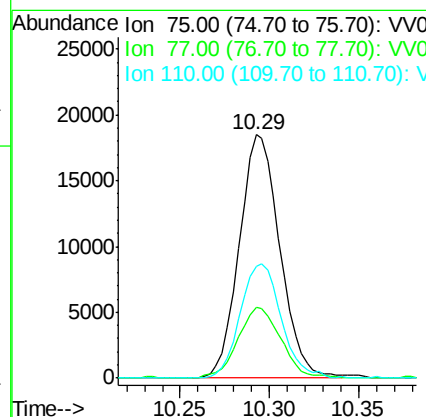
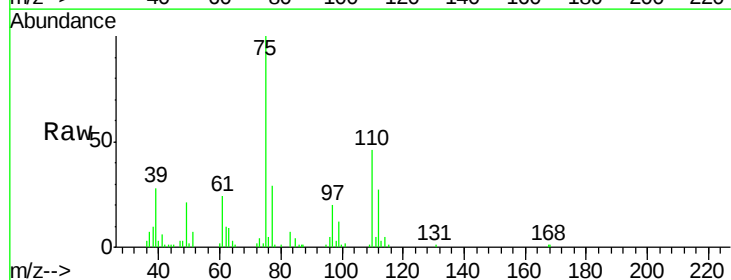
RT: 10.29 min Scan# 2862

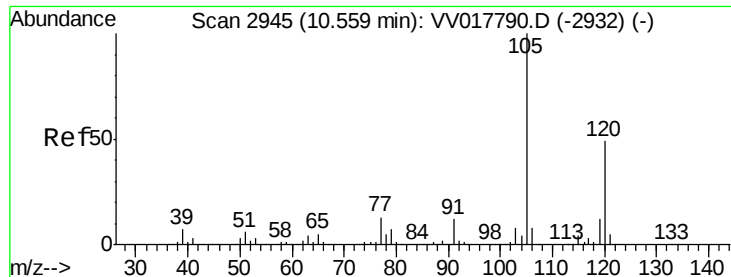
Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Tgt Ion:	75	Resp:	29334
Ion Ratio	Lower	Upper	
75	100		
77	30.7	26.8	40.2
110	47.6	35.0	52.6





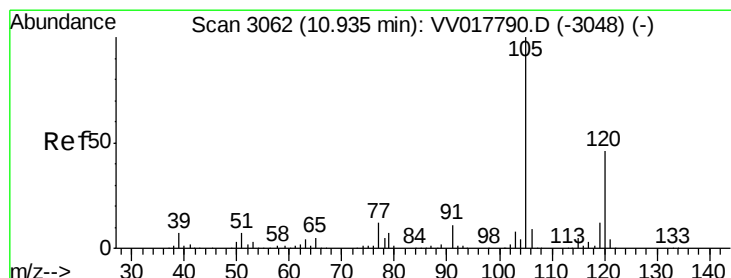
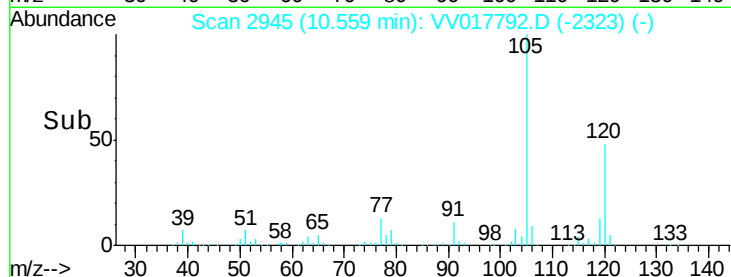
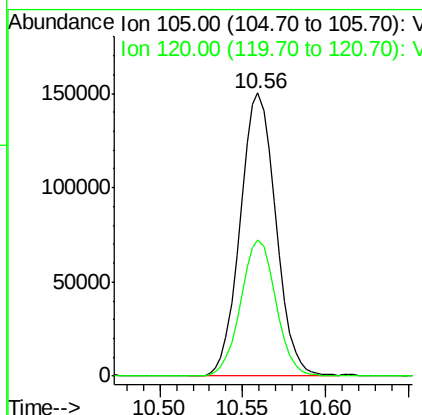
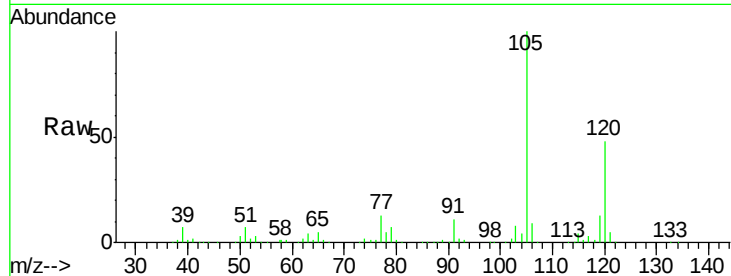
#62
 1,3,5-Trimethylbenzene
 Concen: 5.116 ug/L
 RT: 10.56 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Instrument :
 MSVOA_V
 ClientSampleId :
 A5169MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.6	40.1	60.1

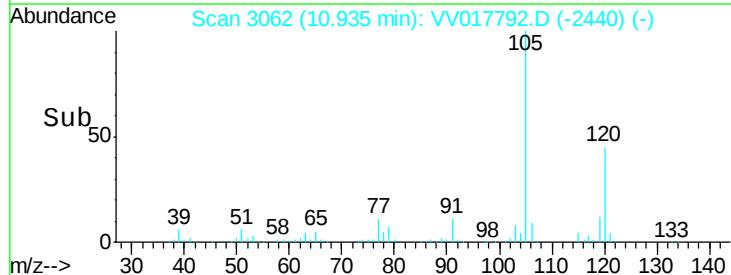
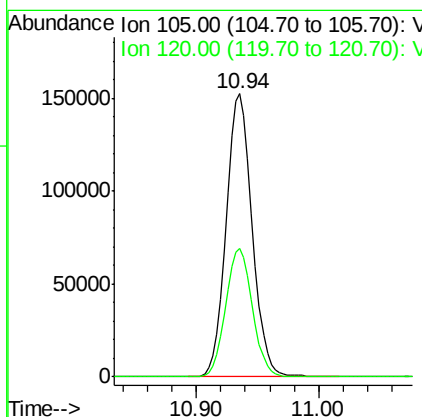
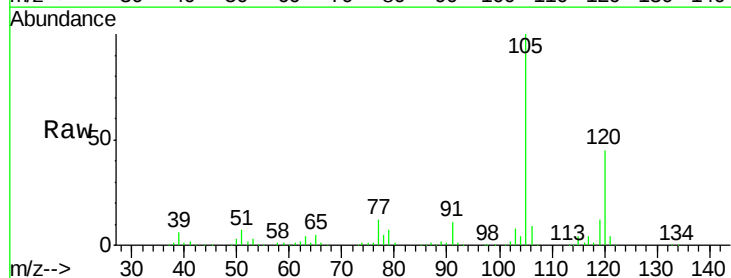
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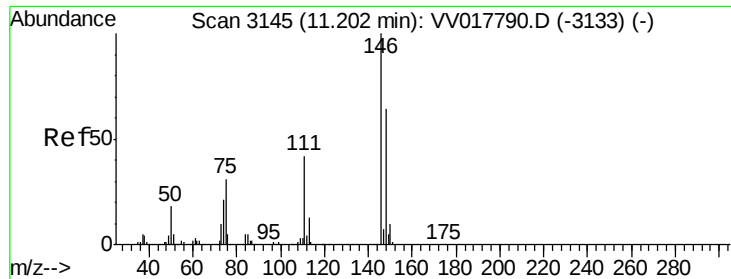
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#63
 1,2,4-Trimethylbenzene
 Concen: 5.237 ug/L
 RT: 10.94 min Scan# 3062
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	35.8	53.8





#64

1,3-Dichlorobenzene

Concen: 5.041 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Instrument :

MSVOA_V

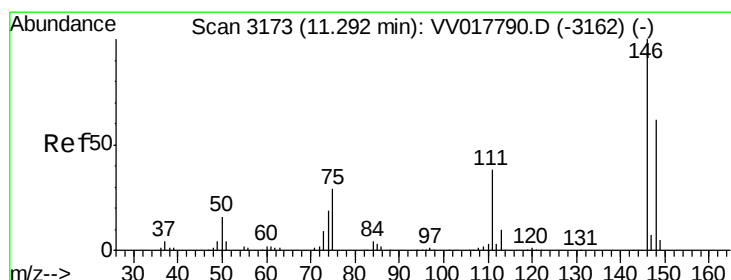
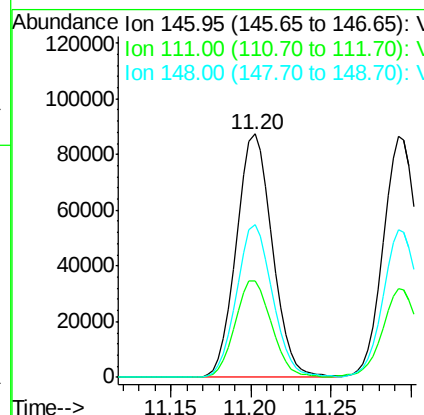
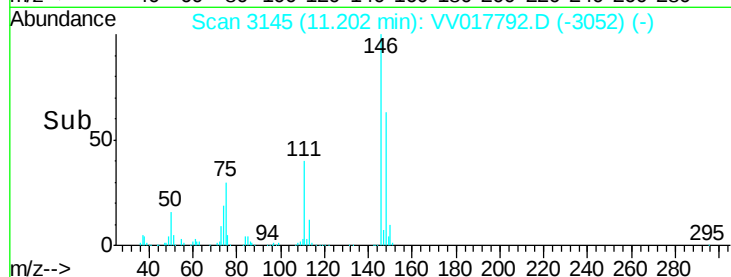
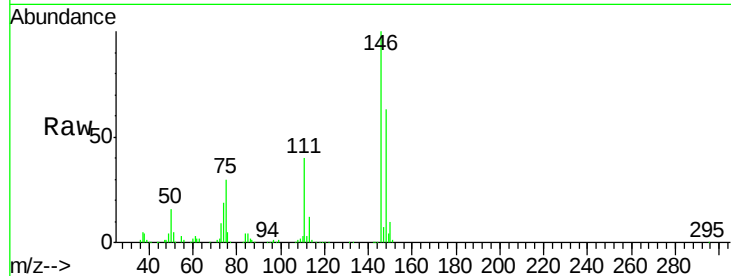
ClientSampled :

A5169MS

Tot Ion:	146	Resp:	133643
Ion Ratio	Lower	Upper	
146	100		
111	39.5	27.2	50.6
148	63.0	44.5	82.7

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#65

1,4-Dichlorobenzene

Concen: 4.940 ug/L

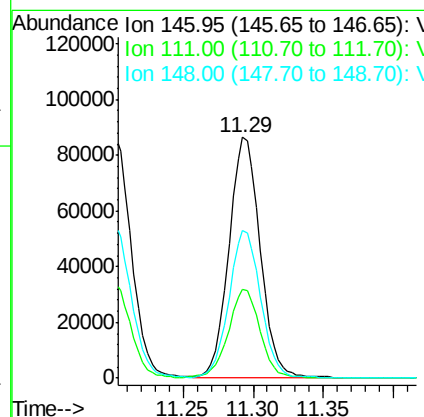
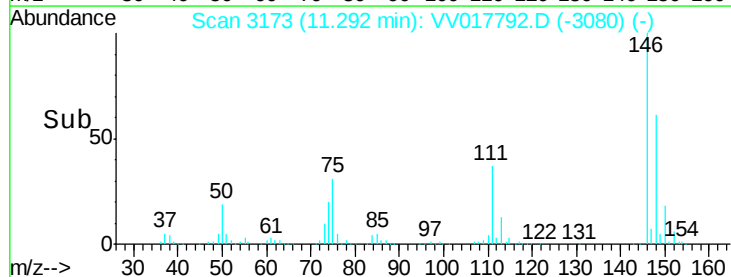
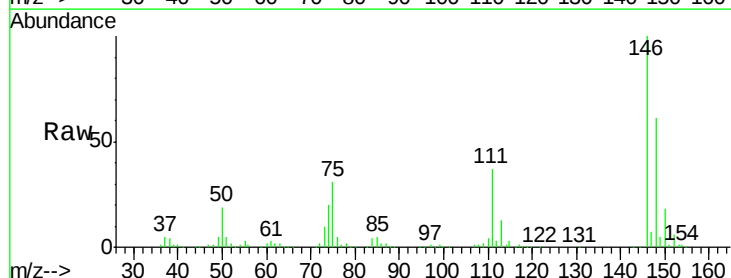
RT: 11.29 min Scan# 3173

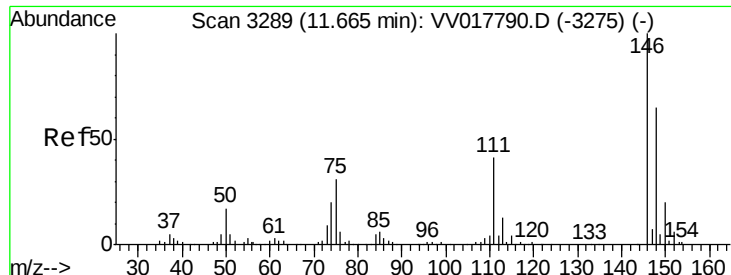
Delta R.T. -0.00 min

Lab File: VV017792.D

Acq: 03 Aug 2020 13:14

Tgt Ion:	146	Resp:	133462
Ion Ratio	Lower	Upper	
146	100		
111	37.1	25.8	48.0
148	61.4	43.8	81.3





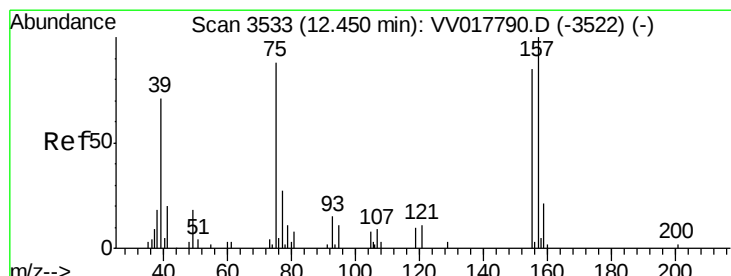
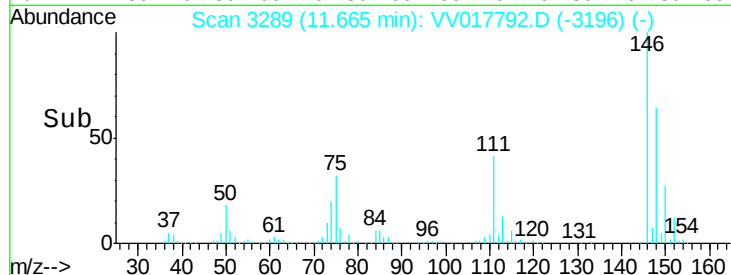
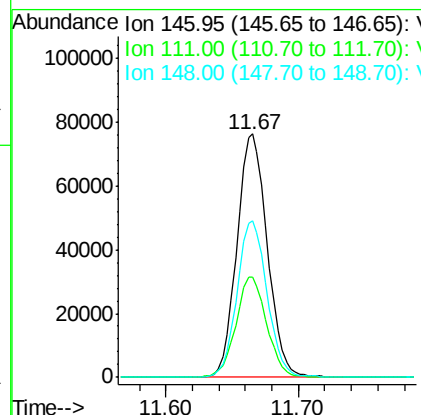
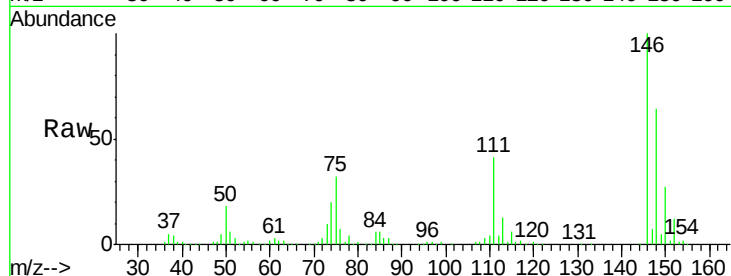
#67
 1,2-Dichlorobenzene
 Concen: 5.027 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Instrument :
 MSVOA_V
 ClientSampled :
 A5169MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	121102		
111	41.3		32.4	48.6
148	64.5		49.4	74.0

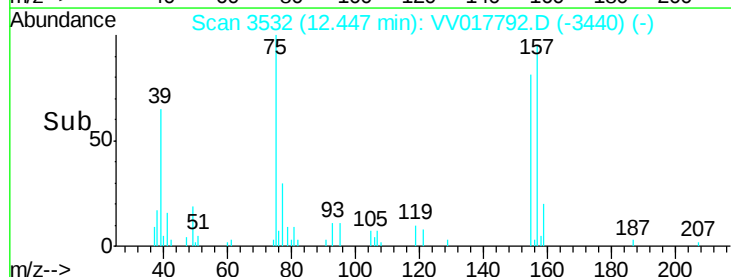
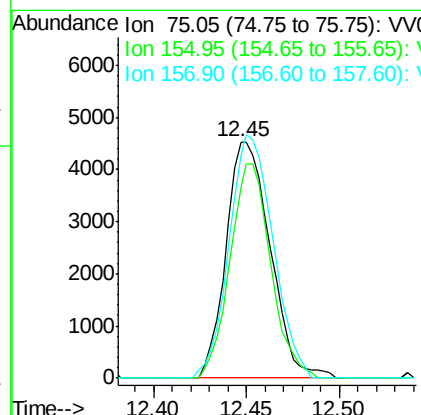
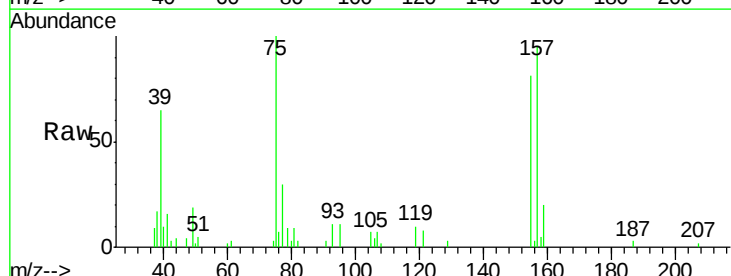
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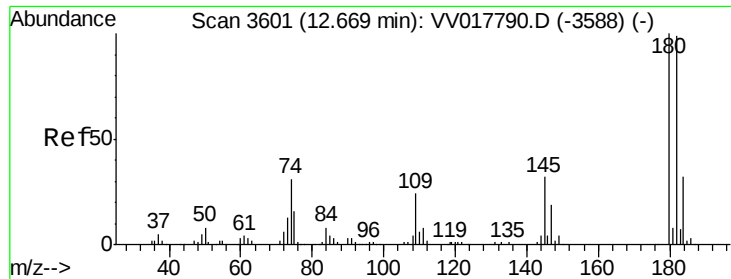
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#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.990 ug/L
 RT: 12.45 min Scan# 3532
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7495		
155	80.8		75.0	112.6
157	94.6		87.8	131.6





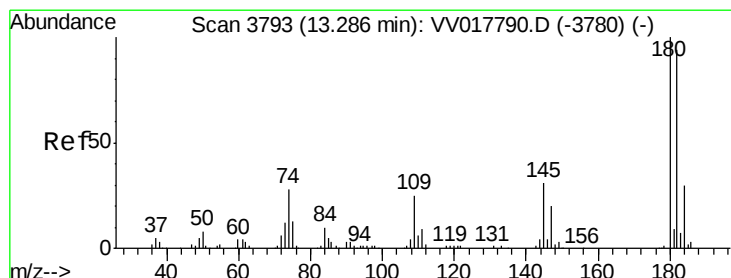
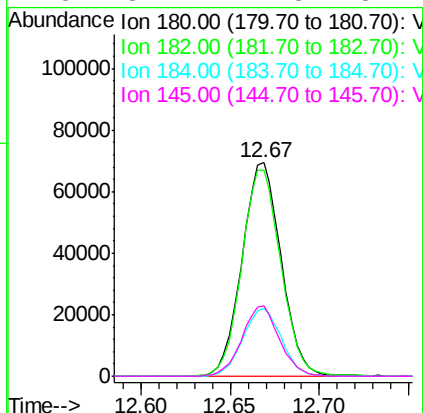
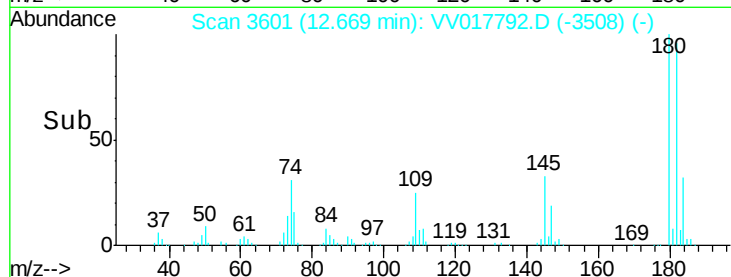
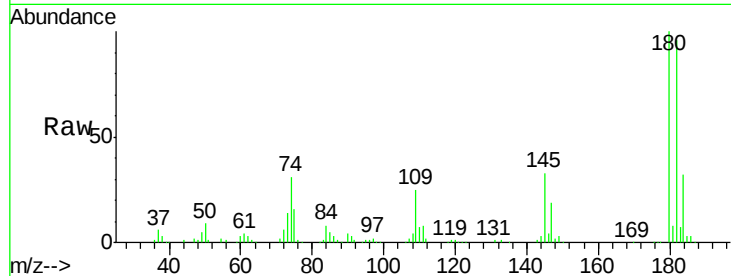
#69
 1,3,5-Trichlorobenzene
 Concen: 4.859 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Instrument :
 MSVOA_V
 ClientSampled :
 A5169MS

Tot Ion	180	Resp	106484
Ion Ratio	Lower	Upper	
180	100		
182	96.9	77.1	115.7
184	31.4	24.6	36.8
145	31.7	22.8	34.2

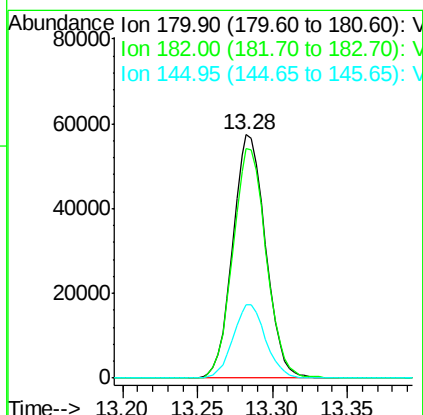
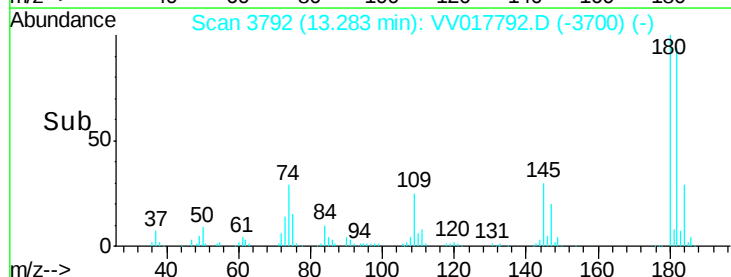
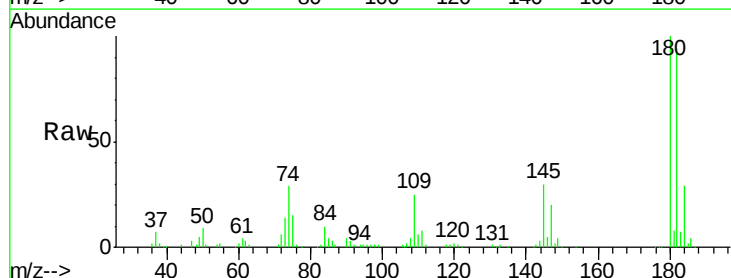
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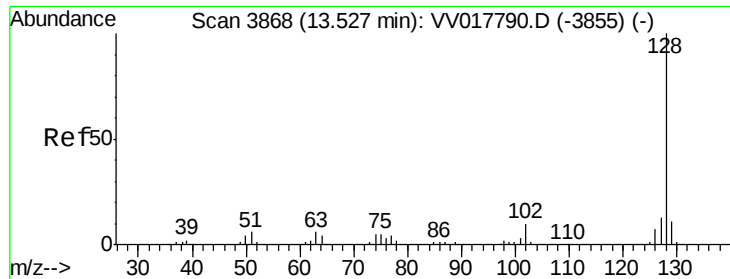
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#70
 1,2,4-trichlorobenzene
 Concen: 5.044 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV017792.D
 Acq: 03 Aug 2020 13:14

Tgt Ion	180	Resp	87474
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.1	114.1
145	30.0	24.3	36.5





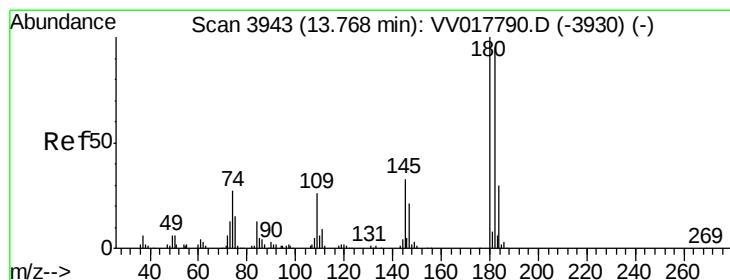
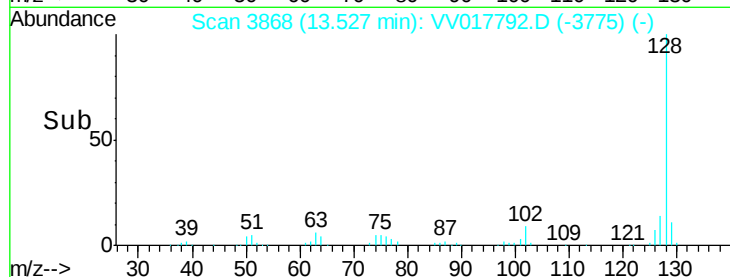
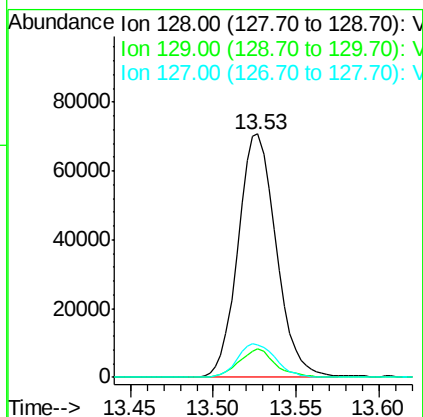
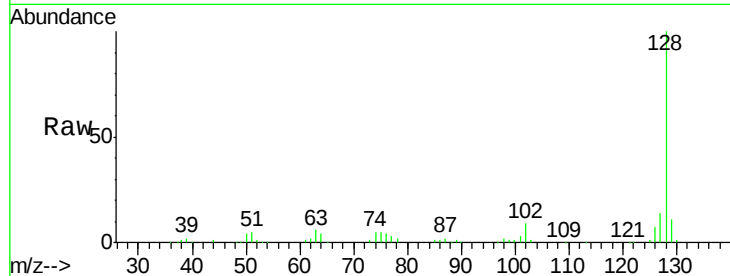
#71
Naphthalene
Concen: 4.711 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.9	10.4	15.6

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#72
1,2,3-Trichlorobenzene
Concen: 5.068 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. -0.00 min
Lab File: VV017792.D
Acq: 03 Aug 2020 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.5	117.7
145	33.4	25.8	38.8

