

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092021\
 Data File : VW022244.D
 Acq On : 20 Sep 2021 19:51
 Operator : SY/MD
 Sample : M3778-05MSD 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E4587MSD

Manual Integrations
 APPROVED

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 9/21/2021 1:51:06 PM

Quant Time: Sep 21 04:46:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 04:41:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	317722	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	302175	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	156932	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93230	42.372	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.740%
7) Chloroethane-d5	1.564	69	77458	45.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.160%
11) 1,1-Dichloroethene-d2	2.105	63	179318	49.279	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.560%
21) 2-Butanone-d5	3.902	46	162420	107.636	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.640%
24) Chloroform-d	4.352	84	193262	48.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.340%
26) 1,2-Dichloroethane-d4	5.034	65	114689	48.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.060%
32) Benzene-d6	5.053	84	383842	46.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.660%
36) 1,2-Dichloropropane-d6	6.072	67	121338	47.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	7.317	98	353799	45.729	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.460%
43) trans-1,3-Dichloroprop...	7.625	79	54012	44.027	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.060%
47) 2-Hexanone-d5	8.091	63	111297	112.536	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	162871	49.338	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.680%
66) 1,2-Dichlorobenzene-d4	11.625	152	136423	44.220	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	74155	33.954	ug/L	100
3) Chloromethane	1.240	50	83189	35.972	ug/L	99
5) Vinyl chloride	1.307	62	92561	39.711	ug/L	98
6) Bromomethane	1.519	94	62084	44.302	ug/L	99
8) Chloroethane	1.584	64	62113	42.597	ug/L	100
9) Trichlorofluoromethane	1.751	101	148097	44.617	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	93720	48.138	ug/L	98
12) 1,1-Dichloroethene	2.114	96	85967	46.908	ug/L	95
13) Acetone	2.195	43	120838m	95.574	ug/L	
14) Carbon disulfide	2.291	76	199963	36.160	ug/L	99
15) Methyl Acetate	2.439	43	128495	52.187	ug/L	99
16) Methylene chloride	2.506	84	124892	50.864	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	98680	44.533	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	344819	48.969	ug/L	99
19) 1,1-Dichloroethane	3.191	63	193937	49.140	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	114830	46.560	ug/L	100
22) 2-Butanone	3.985	43	176981	99.583	ug/L	99
23) Bromochloromethane	4.252	128	62727	47.758	ug/L	97
25) Chloroform	4.378	83	204174	48.871	ug/L	96

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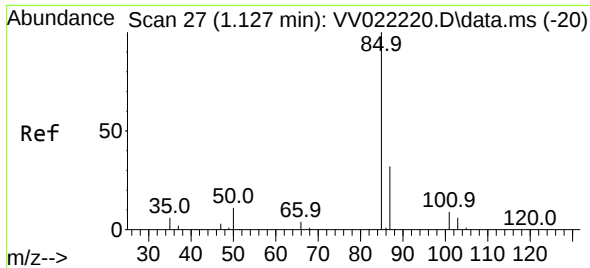
Manual Integrations
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Quant Time: Sep 21 04:46:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 04:41:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	146220	52.212	ug/L	99
29) Cyclohexane	4.680	56	141137	41.783	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	171873	47.857	ug/L	99
31) Carbon tetrachloride	4.831	117	143085	46.373	ug/L	99
33) Benzene	5.101	78	421650	47.961	ug/L	100
34) Trichloroethene	5.915	95	123162	49.457	ug/L	99
35) Methylcyclohexane	6.133	83	149390	41.035	ug/L	100
37) 1,2-Dichloropropane	6.175	63	112095	49.188	ug/L	100
38) Bromodichloromethane	6.513	83	143356	49.189	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	161035	45.768	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	341959	110.682	ug/L	99
42) Toluene	7.390	91	453511	47.795	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	156185	47.695	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	118374	51.050	ug/L	99
46) Tetrachloroethene	7.976	164	457809	236.428	ug/L	97
48) 2-Hexanone	8.143	43	268021	111.808	ug/L	96
49) Dibromochloromethane	8.249	129	121405	48.913	ug/L	98
50) 1,2-Dibromoethane	8.355	107	121995	49.022	ug/L	100
51) Chlorobenzene	8.882	112	299343	46.922	ug/L	99
52) Ethylbenzene	9.014	91	472924	46.042	ug/L	98
53) m,p-Xylene	9.140	106	184887	46.310	ug/L	99
54) o-Xylene	9.545	106	185762	47.025	ug/L	97
55) Styrene	9.561	104	324482	48.132	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	177970	52.973	ug/L	100
59) Bromoform	9.734	173	83421	50.049	ug/L	99
60) Isopropylbenzene	9.934	105	484398	49.123	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	148677	54.664	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	393739	47.561	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	401761	47.746	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	230616	46.062	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	232911	45.462	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	241577	48.595	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	34739	52.996	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	160114	42.769	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	137142	41.643	ug/L	100
71) Naphthalene	13.503	128	468190	49.422	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	147798	46.012	ug/L	100

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



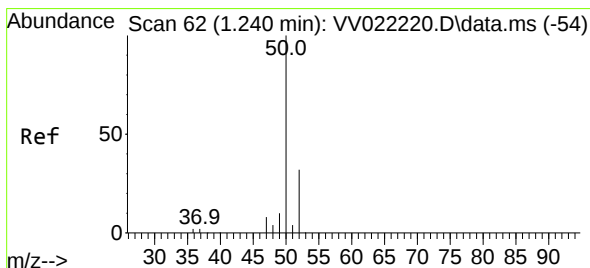
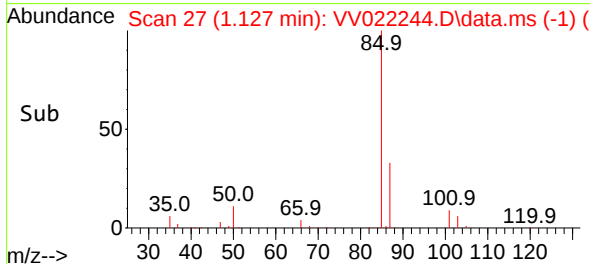
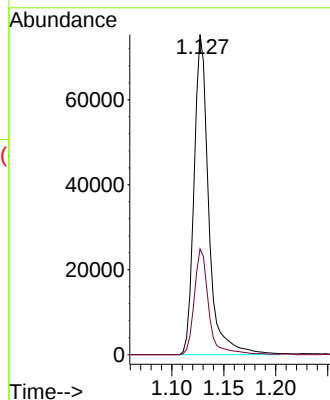
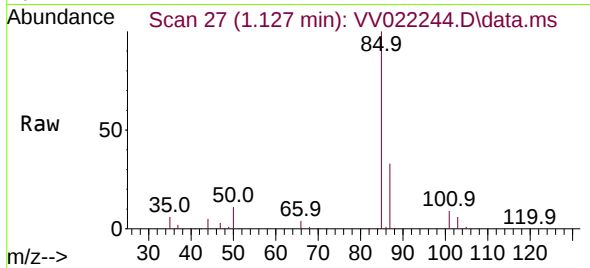
#2
 Dichlorodifluoromethane
 Concen: 33.954 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022244.D
 Acq: 20 Sep 2021 19:51

Tgt Ion: 85 Resp: 74155
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0

Instrument :
 MSVOA_V
 ClientSampleId :
 E4587MSD

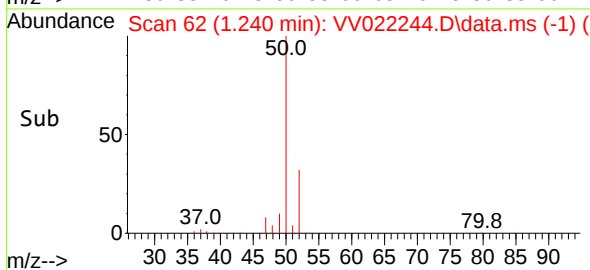
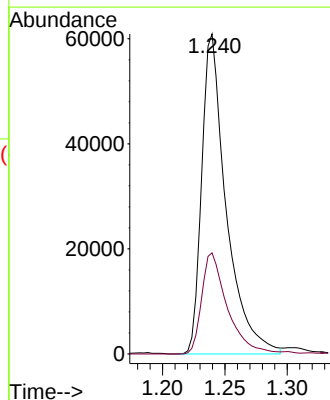
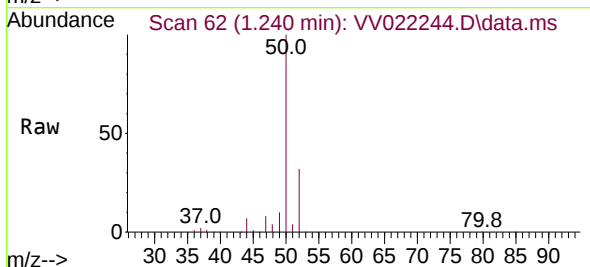
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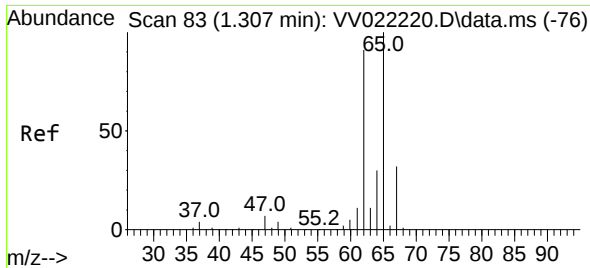
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#3
 Chloromethane
 Concen: 35.972 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022244.D
 Acq: 20 Sep 2021 19:51

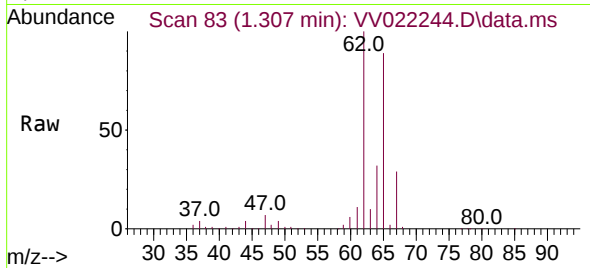
Tgt Ion: 50 Resp: 83189
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.5 41.9





#5
 Vinyl chloride
 Concen: 39.711 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022244.D
 Acq: 20 Sep 2021 19:51

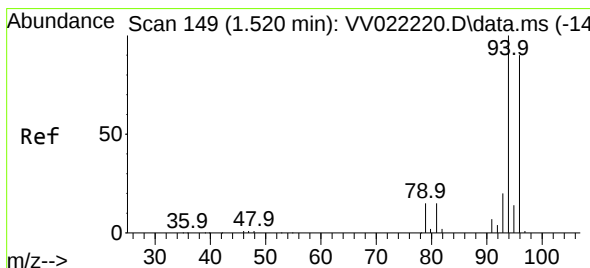
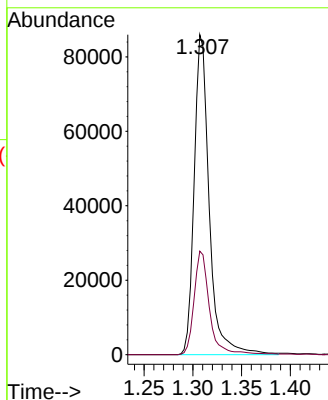
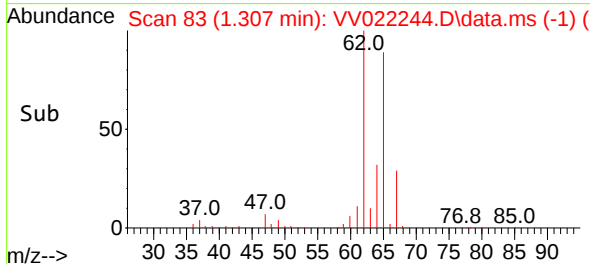
Instrument :
 MSVOA_V
 ClientSampleId :
 E4587MSD



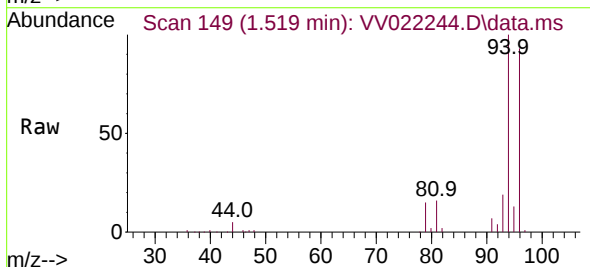
Tgt Ion: 62 Resp: 92561
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.4 43.6

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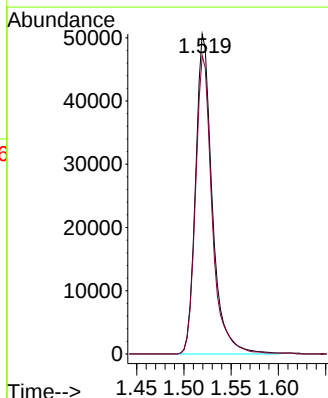
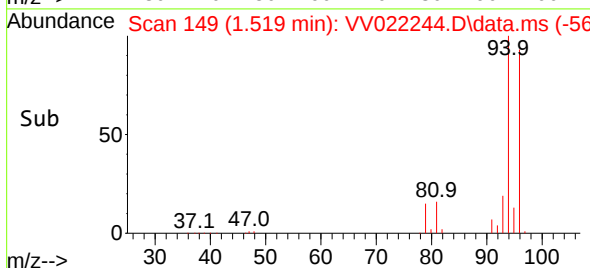
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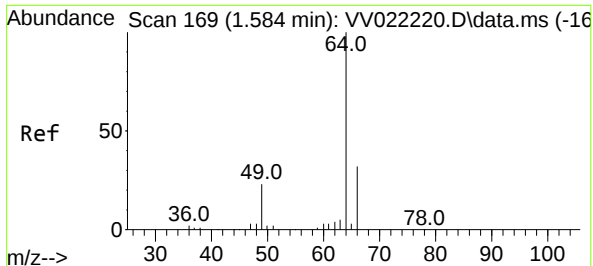


#6
 Bromomethane
 Concen: 44.302 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV022244.D
 Acq: 20 Sep 2021 19:51



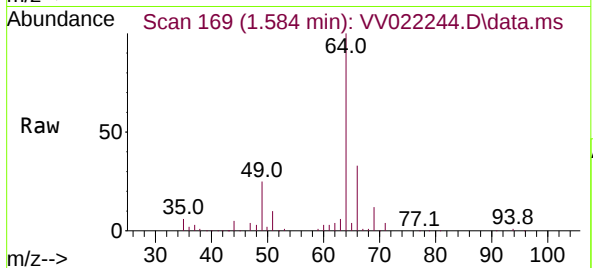
Tgt Ion: 94 Resp: 62084
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.8 122.2





#8
Chloroethane
Concen: 42.597 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

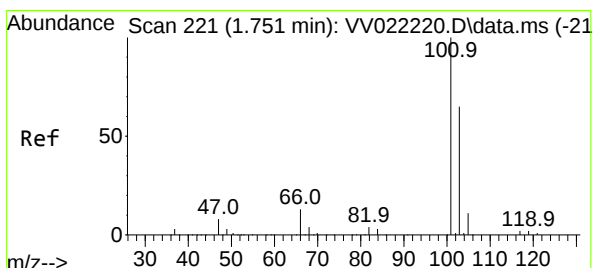
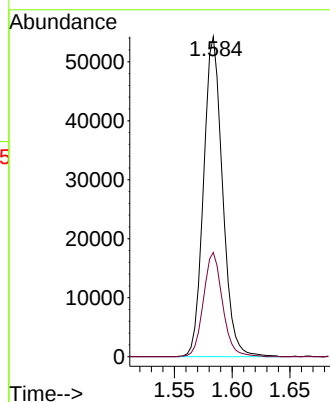
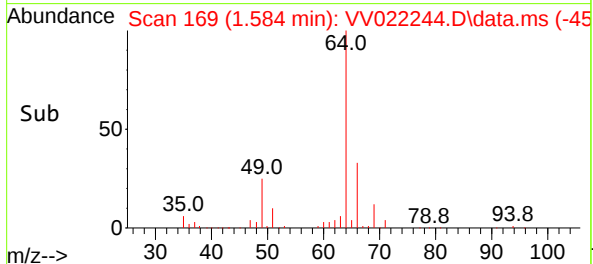
Instrument :
MSVOA_V
ClientSampleId :
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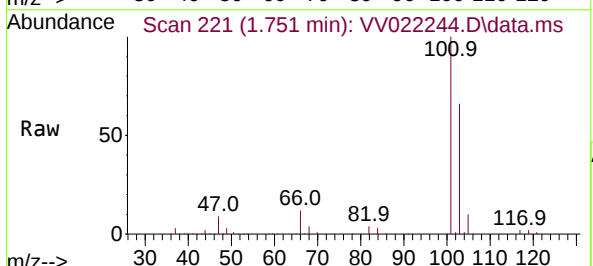
Tgt Ion: 64 Resp: 62113
Ion Ratio Lower Upper
64 100
66 32.6 22.7 42.3

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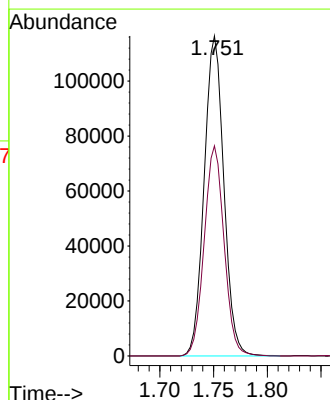
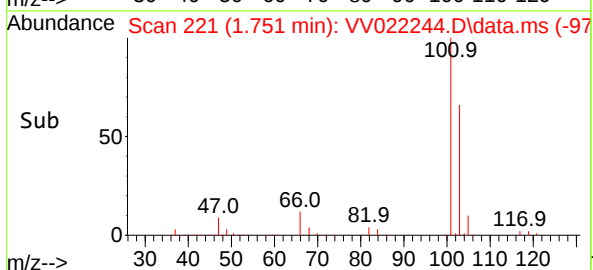
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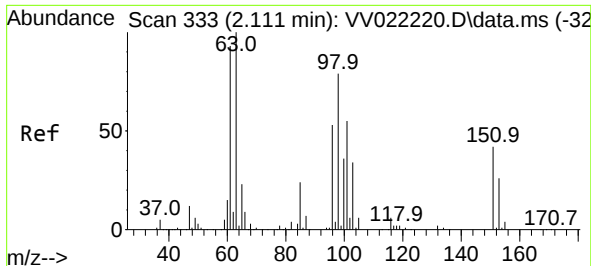


#9
Trichlorofluoromethane
Concen: 44.617 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51



Tgt Ion: 101 Resp: 148097
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.0





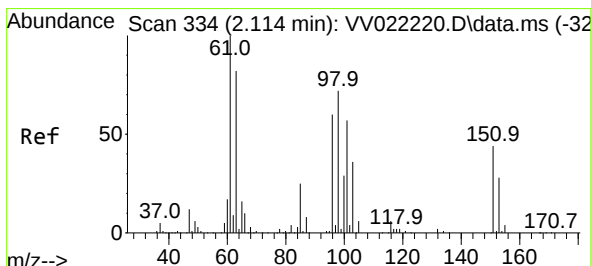
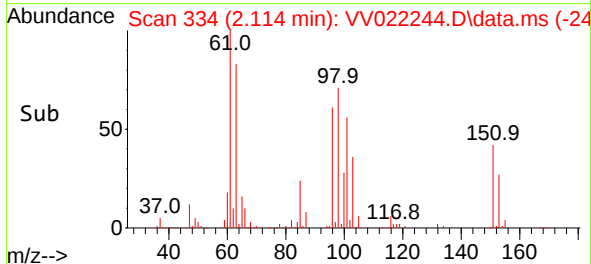
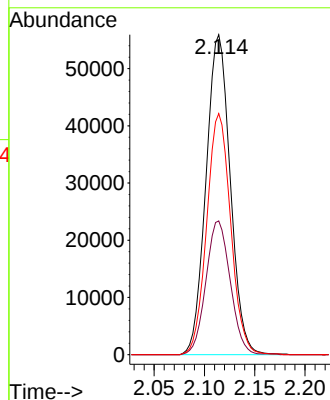
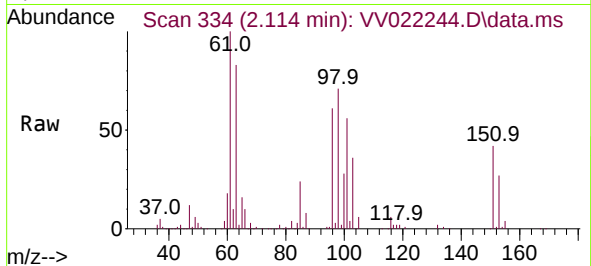
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.138 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Instrument :
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ClientSampled :
E4587MSD

Tgt Ion:101 Resp: 93720
Ion Ratio Lower Upper
101 100
85 41.9 33.4 50.0
151 74.5 61.7 92.5

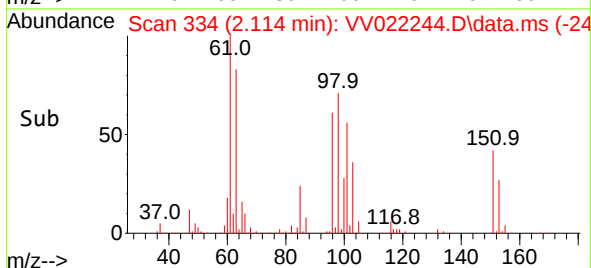
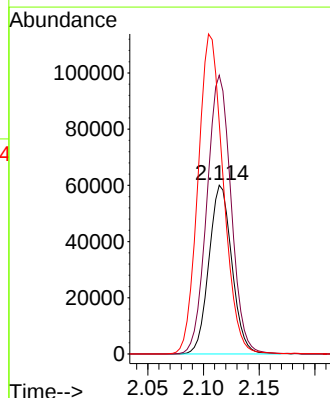
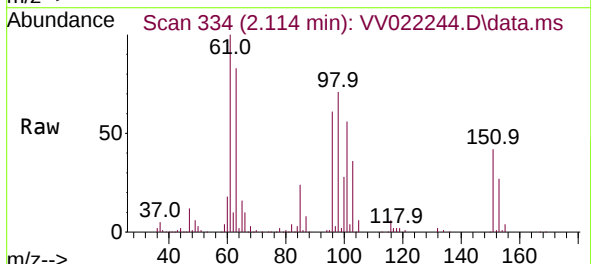
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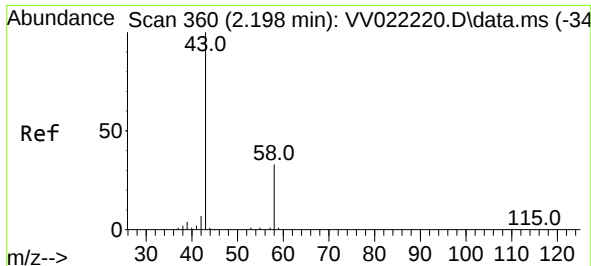
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#12
1,1-Dichloroethene
Concen: 46.908 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 96 Resp: 85967
Ion Ratio Lower Upper
96 100
61 165.2 113.2 210.2
63 137.0 102.3 189.9





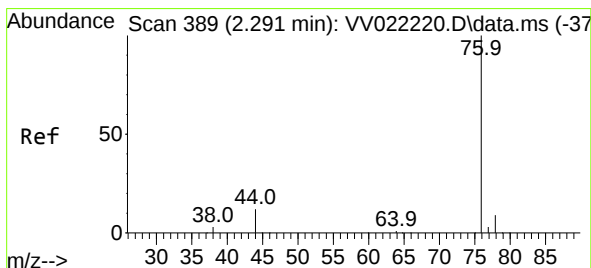
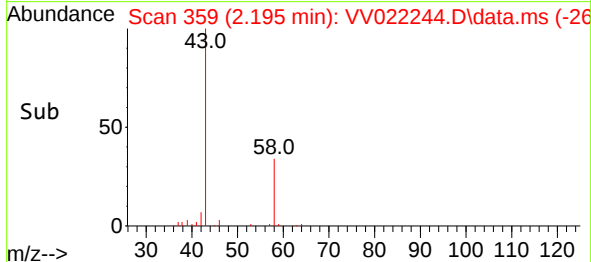
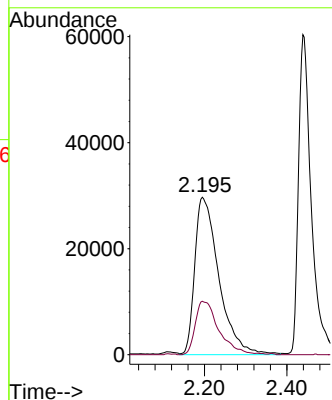
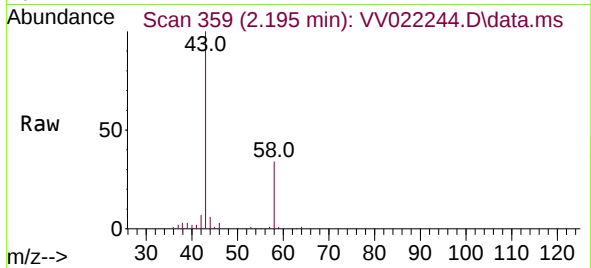
#13
Acetone
Concen: 95.574 ug/L m
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 43 Resp: 120838
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4

Instrument :
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ClientSampleId :
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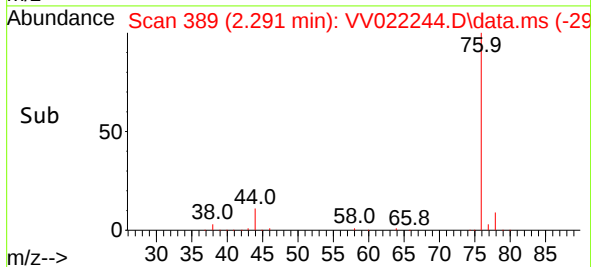
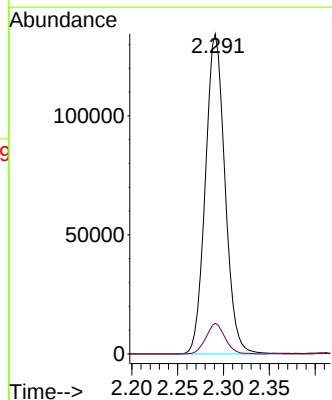
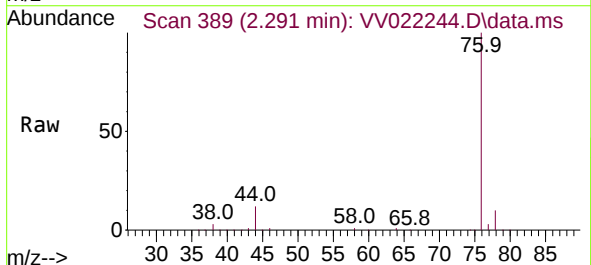
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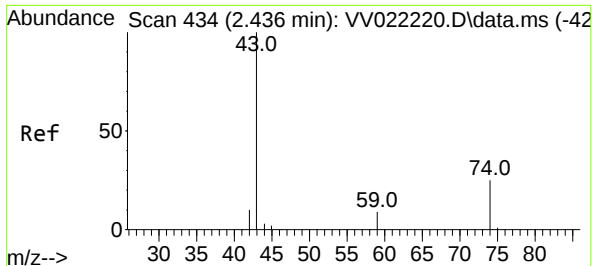
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#14
Carbon disulfide
Concen: 36.160 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

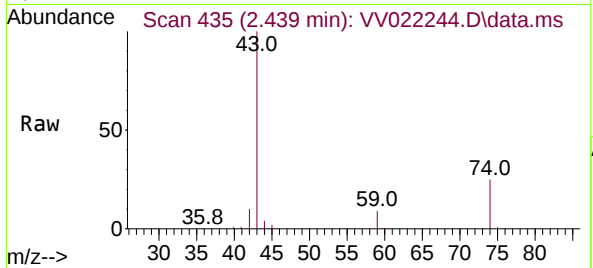
Tgt Ion: 76 Resp: 199963
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2





#15
Methyl Acetate
Concen: 52.187 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

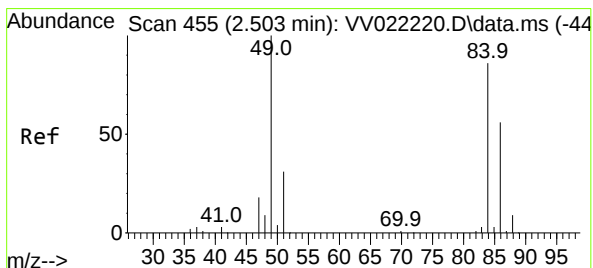
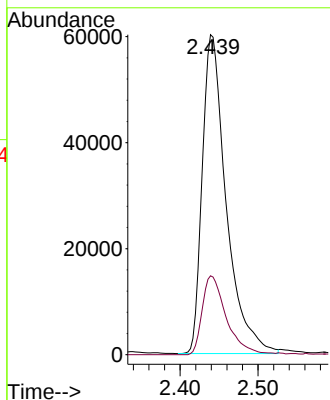
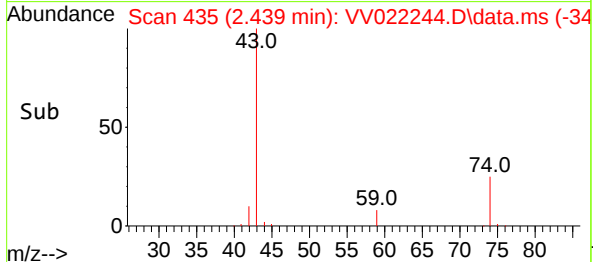
Instrument :
MSVOA_V
ClientSampleId :
E4587MSD



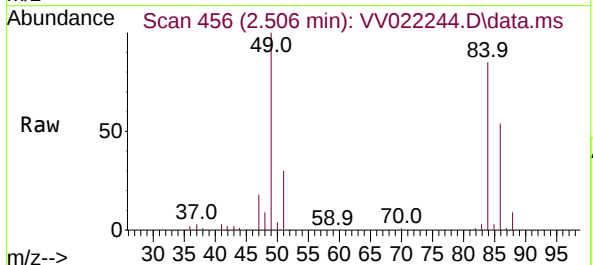
Tgt Ion: 43 Resp: 128495
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2

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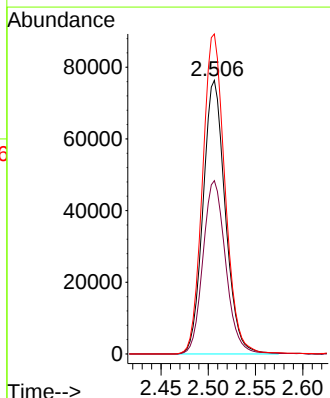
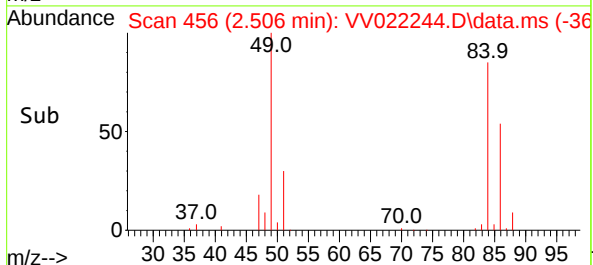
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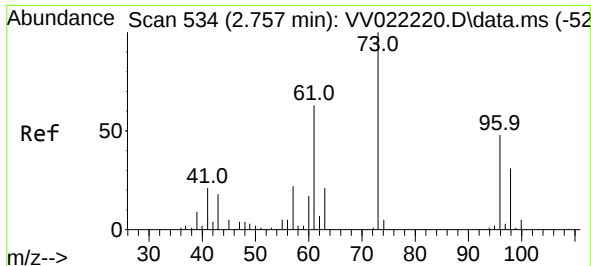


#16
Methylene chloride
Concen: 50.864 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51



Tgt Ion: 84 Resp: 124892
Ion Ratio Lower Upper
84 100
86 63.4 44.8 83.2
49 117.0 80.2 149.0





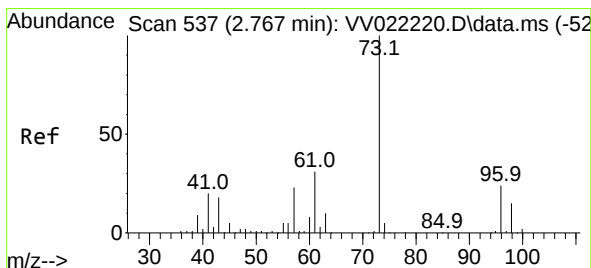
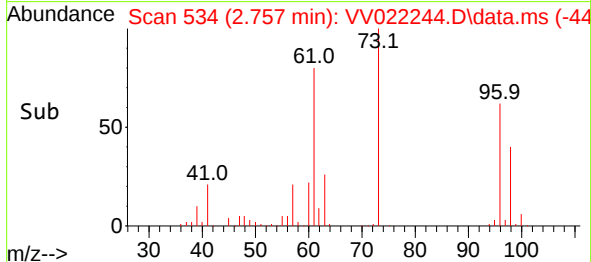
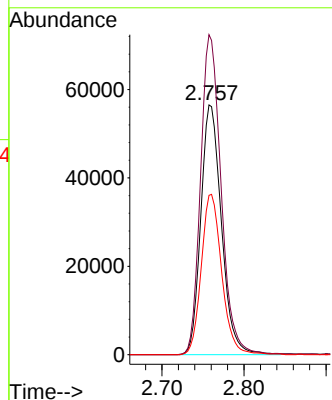
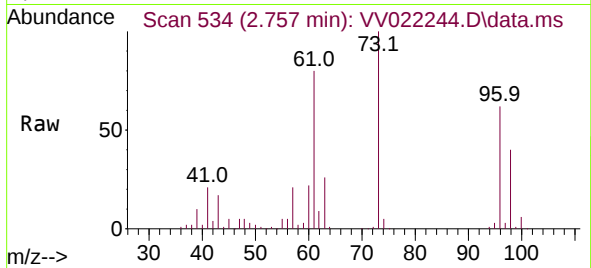
#17
trans-1,2-Dichloroethene
Concen: 44.533 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 96 Resp: 98680
Ion Ratio Lower Upper
96 100
61 128.1 89.1 165.5
98 63.8 43.8 81.3

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

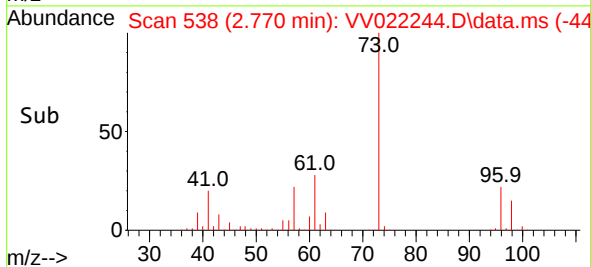
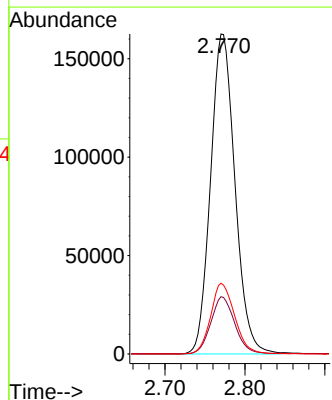
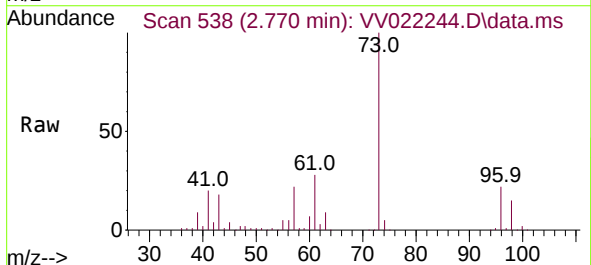
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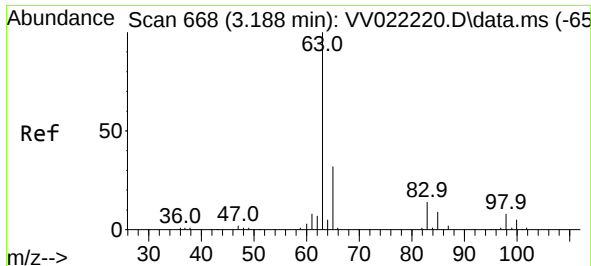
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#18
Methyl tert-butyl Ether
Concen: 48.969 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 73 Resp: 344819
Ion Ratio Lower Upper
73 100
43 17.4 13.8 20.6
57 21.8 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.140 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV022244.D

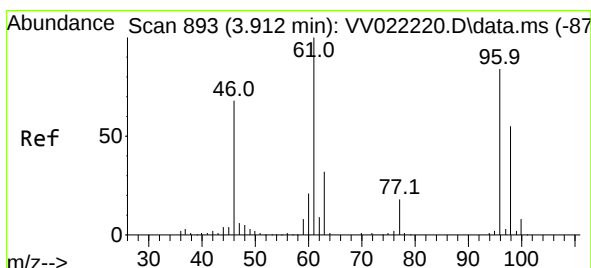
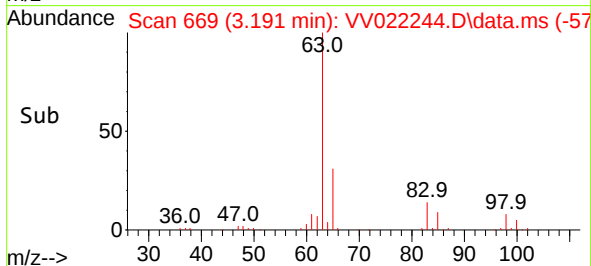
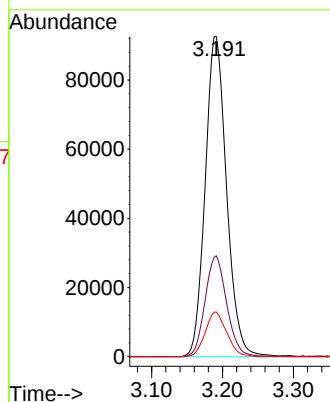
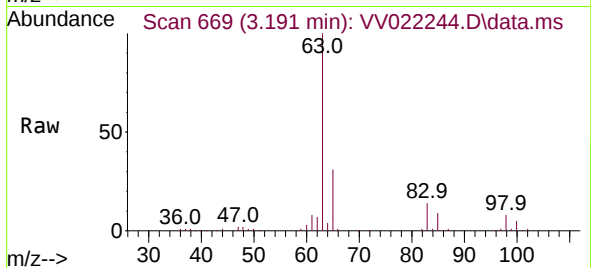
Acq: 20 Sep 2021 19:51

Tgt Ion: 63	Resp: 193937
Ion Ratio	Lower Upper
63 100	
65 31.5	22.2 41.2
83 14.0	9.7 17.9

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

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#20

cis-1,2-Dichloroethene

Concen: 46.560 ug/L

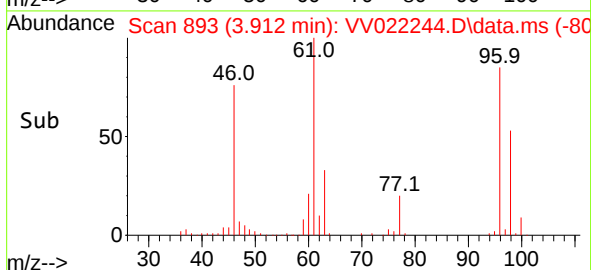
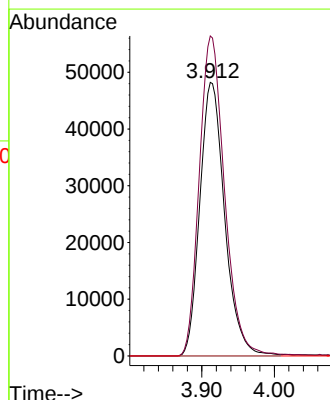
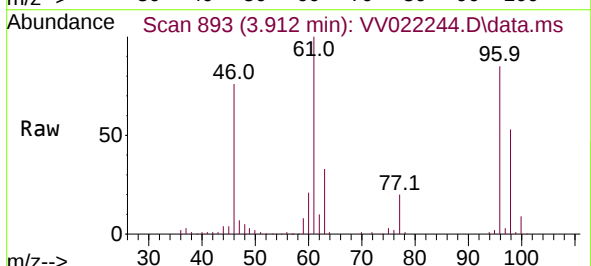
RT: 3.912 min Scan# 893

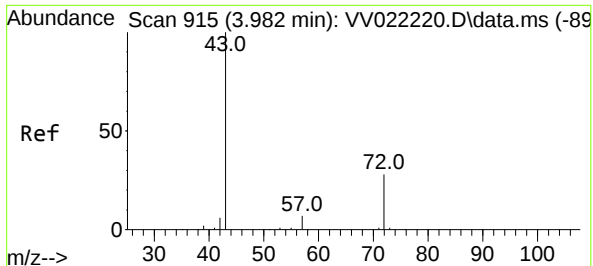
Delta R.T. -0.000 min

Lab File: VV022244.D

Acq: 20 Sep 2021 19:51

Tgt Ion: 96	Resp: 114830
Ion Ratio	Lower Upper
96 100	
61 117.0	81.8 152.0
68 0.0	0.0 0.0





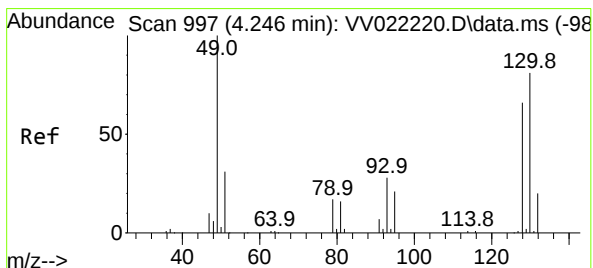
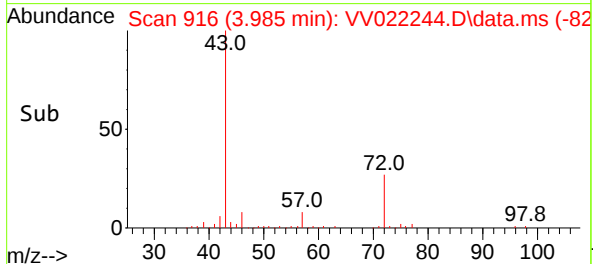
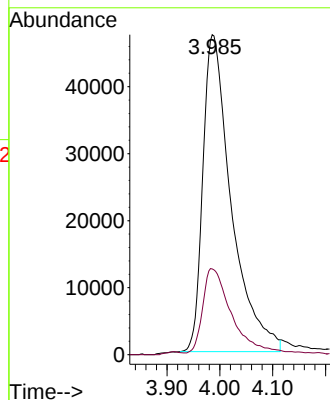
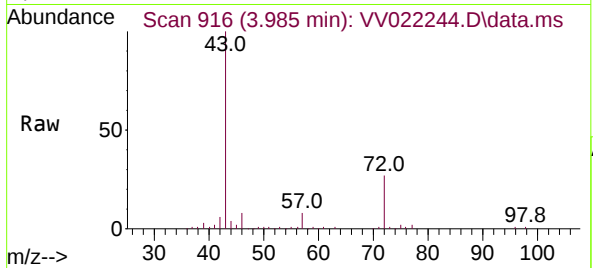
#22
2-Butanone
Concen: 99.583 ug/L
RT: 3.985 min Scan# 916
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 43 Resp: 176981
Ion Ratio Lower Upper
43 100
72 26.9 13.3 39.8

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

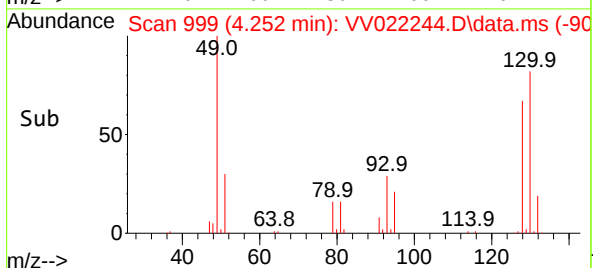
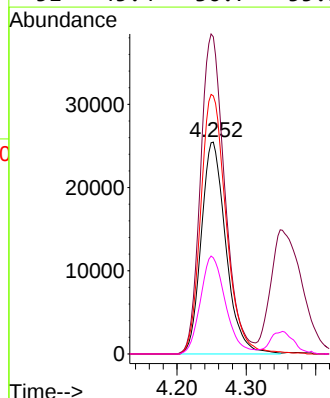
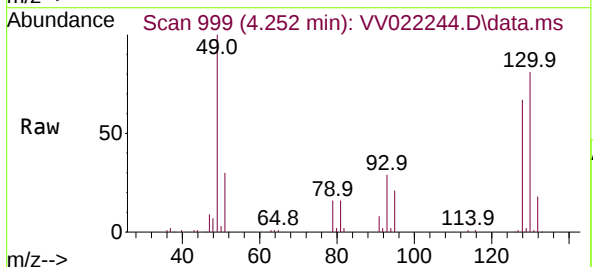
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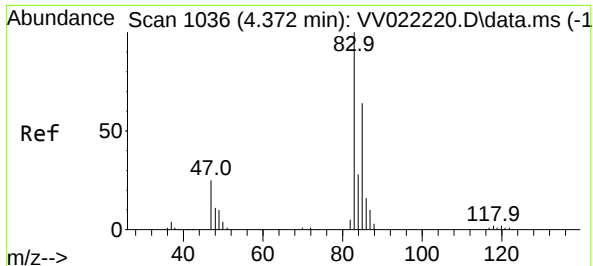
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#23
Bromochloromethane
Concen: 47.758 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 128 Resp: 62727
Ion Ratio Lower Upper
128 100
49 149.7 101.6 188.8
130 121.8 88.5 164.3
51 45.4 36.7 55.1





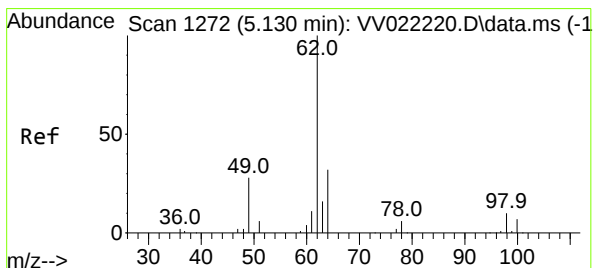
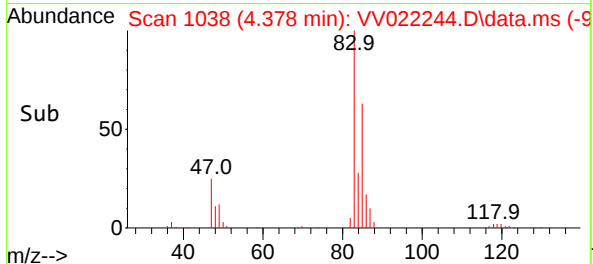
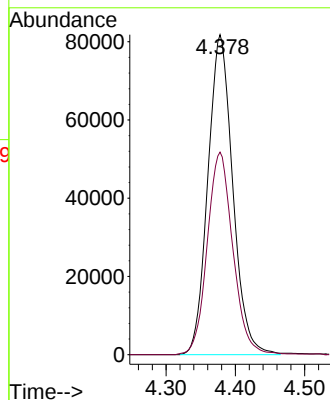
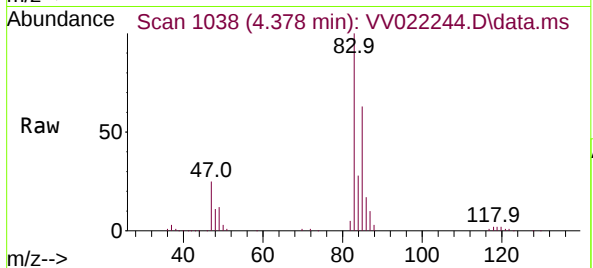
#25
Chloroform
Concen: 48.871 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 83 Resp: 204174
Ion Ratio Lower Upper
83 100
85 63.3 46.3 85.9

Instrument :
MSVOA_V
ClientSampleId :
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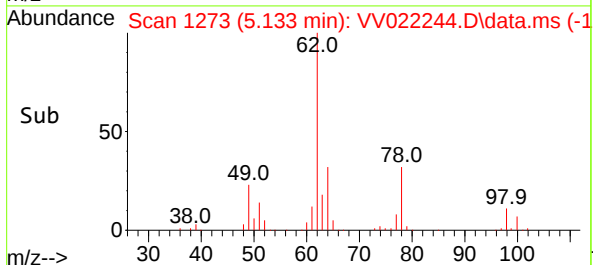
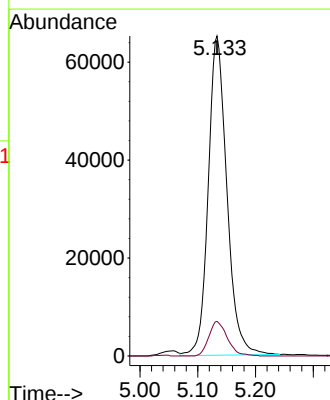
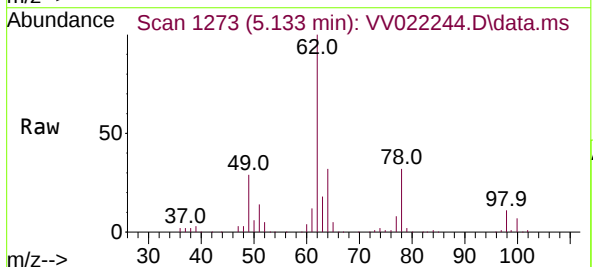
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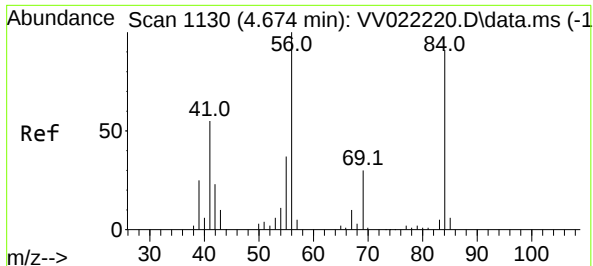
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#27
1,2-Dichloroethane
Concen: 52.212 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

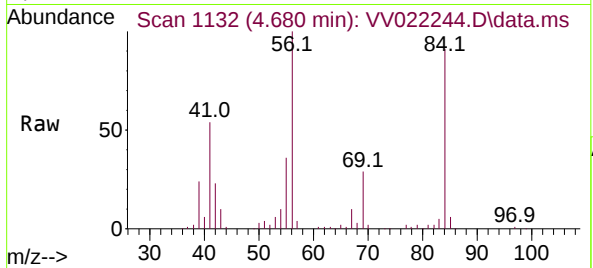
Tgt Ion: 62 Resp: 146220
Ion Ratio Lower Upper
62 100
98 10.8 8.5 12.7





#29
Cyclohexane
Concen: 41.783 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

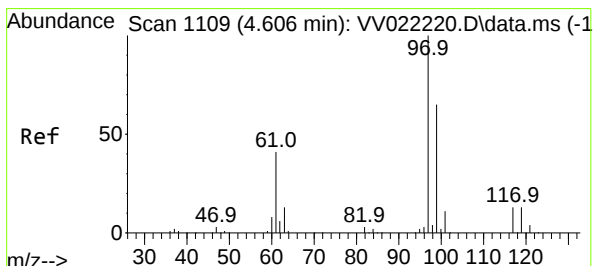
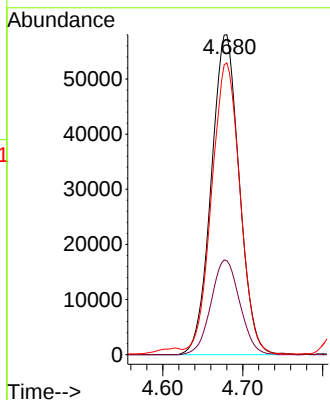
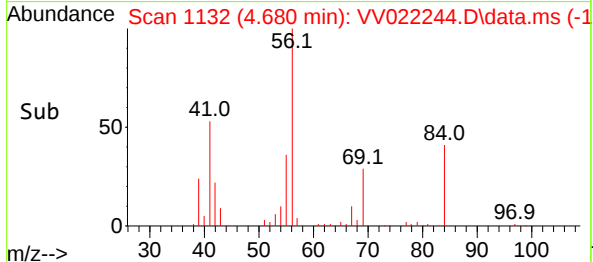
Instrument :
MSVOA_V
ClientSampled :
E4587MSD



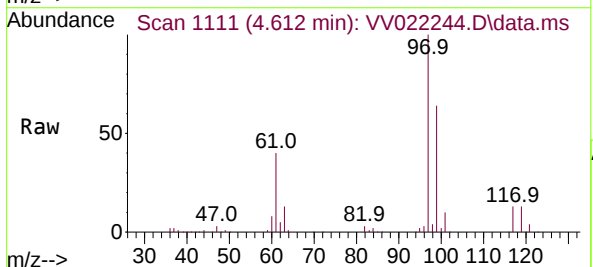
Tgt Ion: 56 Resp: 141137
Ion Ratio Lower Upper
56 100
69 30.4 25.2 37.8
84 91.9 74.6 111.8

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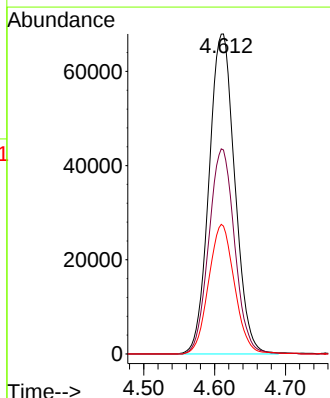
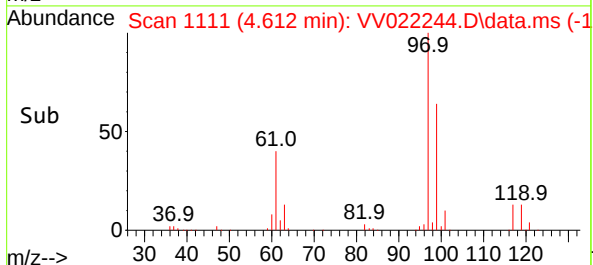
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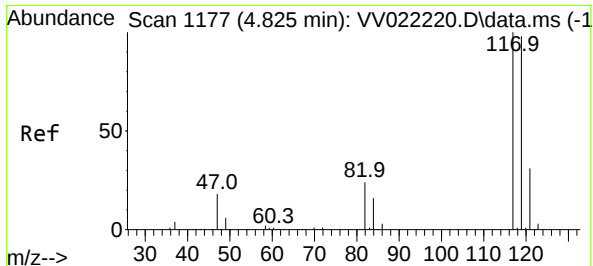


#30
1,1,1-Trichloroethane
Concen: 47.857 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51



Tgt Ion: 97 Resp: 171873
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 40.7 31.8 47.8





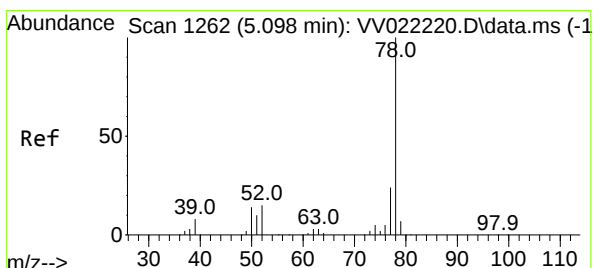
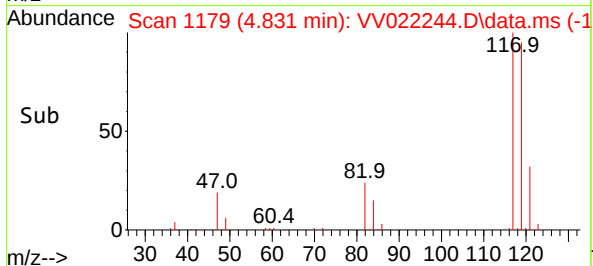
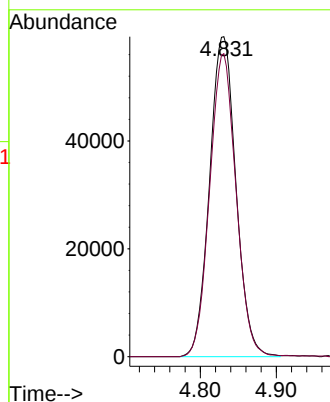
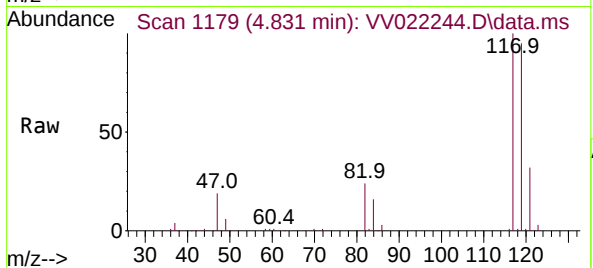
#31
Carbon tetrachloride
Concen: 46.373 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

Tgt Ion:117 Resp: 143085
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8

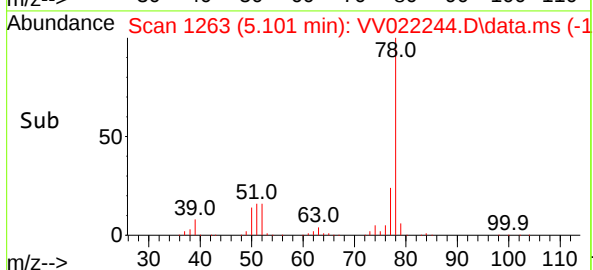
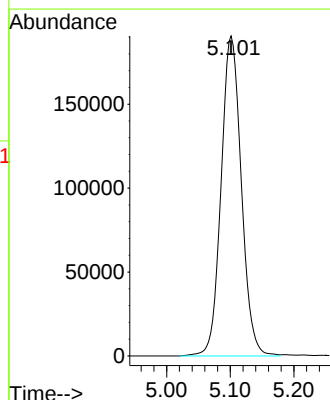
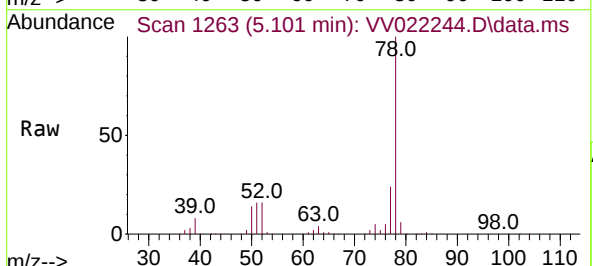
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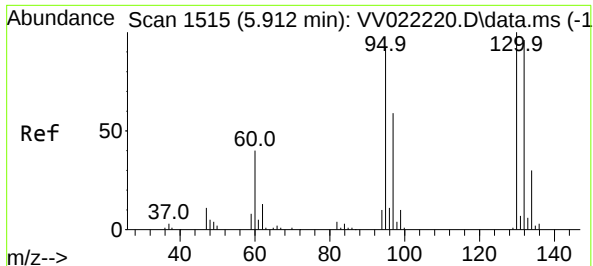
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#33
Benzene
Concen: 47.961 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 78 Resp: 421650





#34

Trichloroethene

Concen: 49.457 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV022244.D

Acq: 20 Sep 2021 19:51

Tgt Ion: 95 Resp: 123162

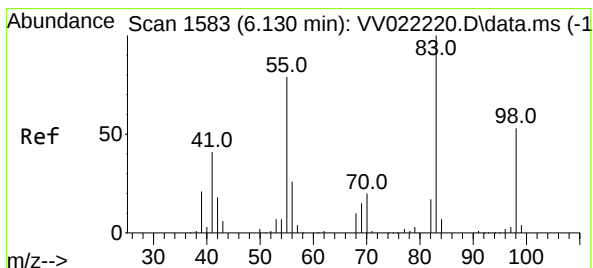
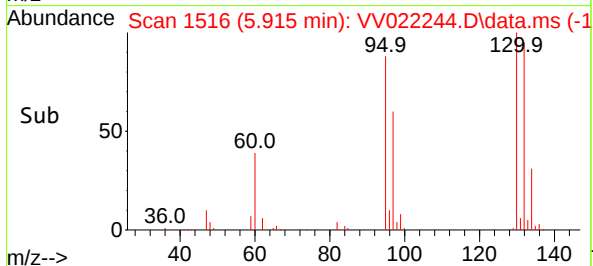
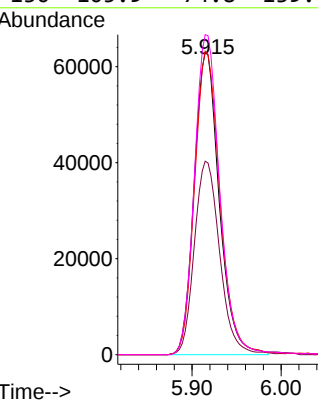
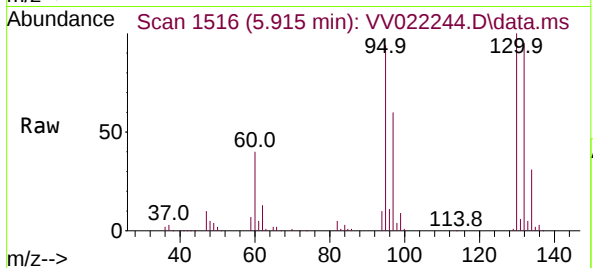
Ion Ratio Lower Upper

95 100

97 64.0 44.1 81.9

132 100.5 70.7 131.3

130 105.9 74.8 139.0



#35

Methylcyclohexane

Concen: 41.035 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV022244.D

Acq: 20 Sep 2021 19:51

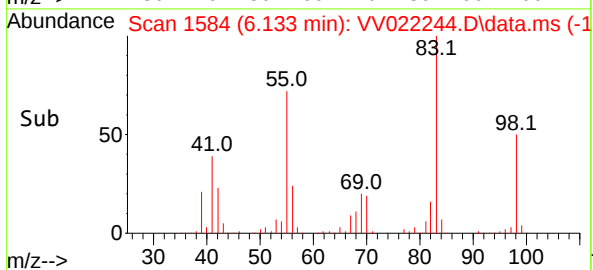
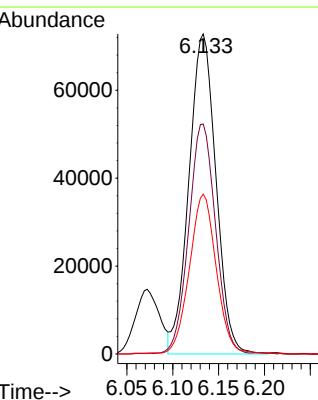
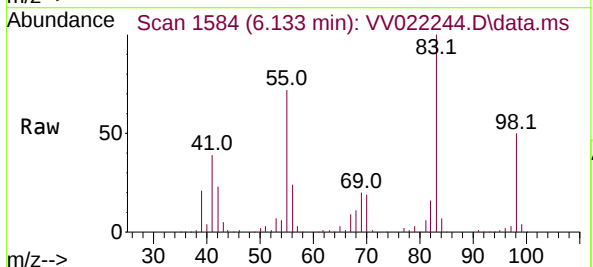
Tgt Ion: 83 Resp: 149390

Ion Ratio Lower Upper

83 100

55 71.0 56.8 85.2

98 49.7 39.9 59.9



Instrument :

MSVOA_V

ClientSampleId :

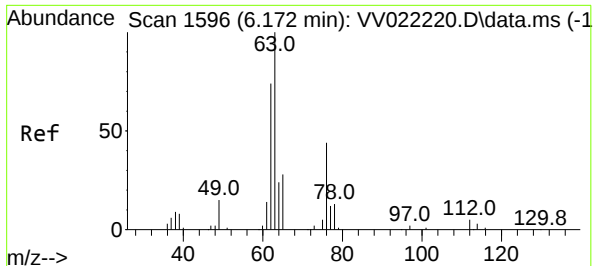
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#37

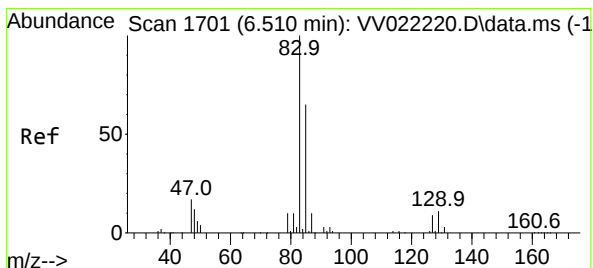
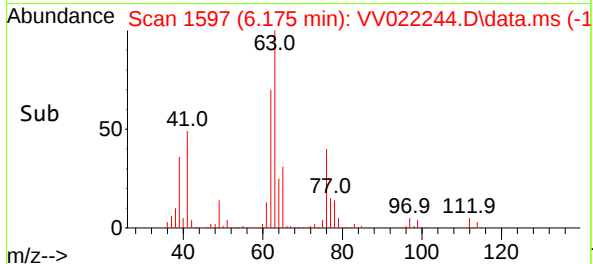
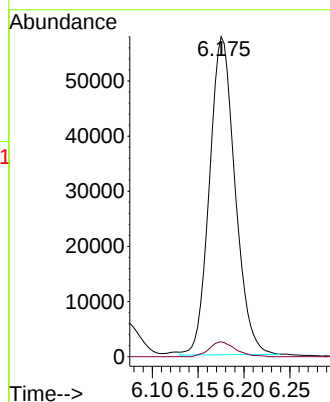
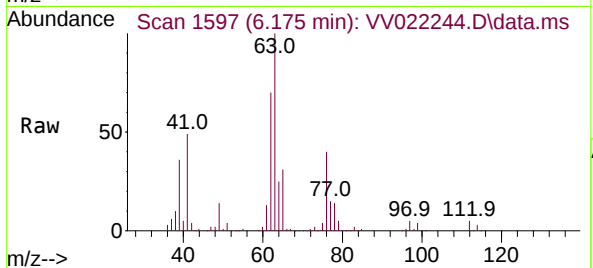
1,2-Dichloropropane
Concen: 49.188 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 63 Resp: 112095
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

Manual Integrations
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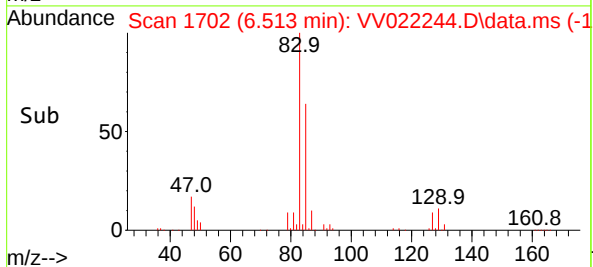
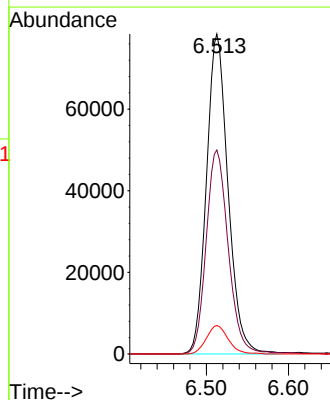
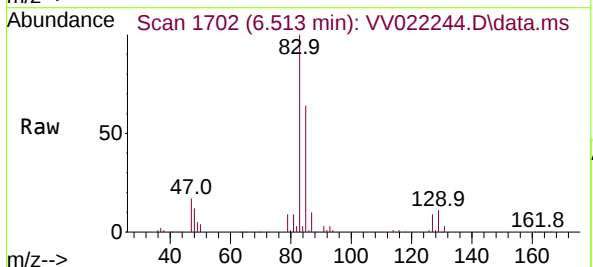
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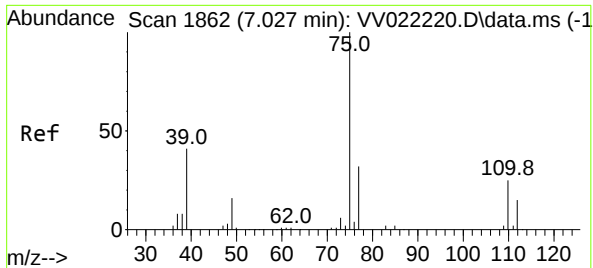


#38

Bromodichloromethane
Concen: 49.189 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 83 Resp: 143356
Ion Ratio Lower Upper
83 100
85 63.7 44.8 83.2
127 8.9 7.3 10.9





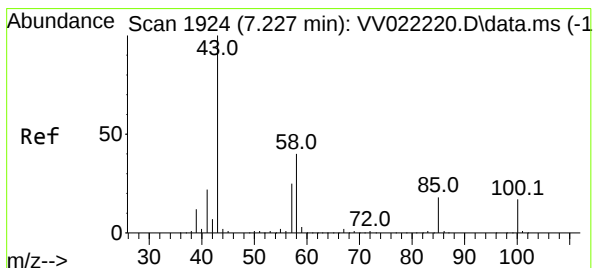
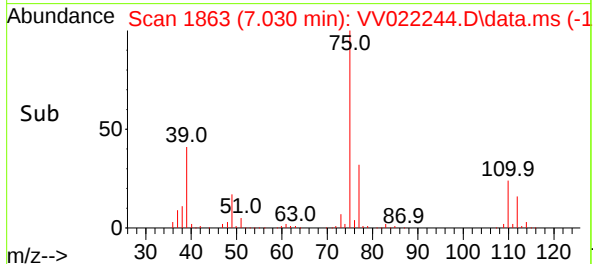
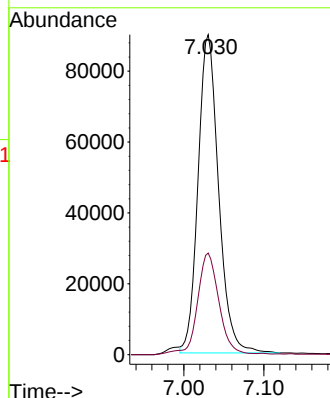
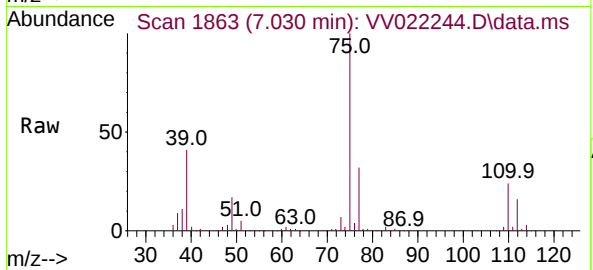
#39
cis-1,3-Dichloropropene
Concen: 45.768 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

Tgt Ion: 75 Resp: 161035
Ion Ratio Lower Upper
75 100
77 31.8 22.7 42.1

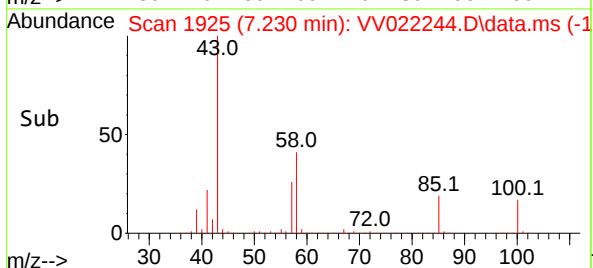
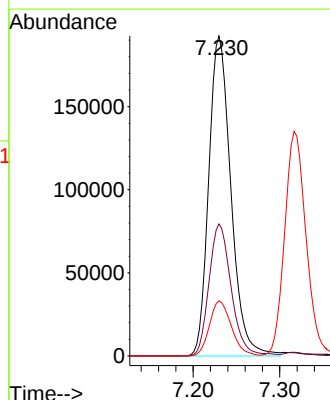
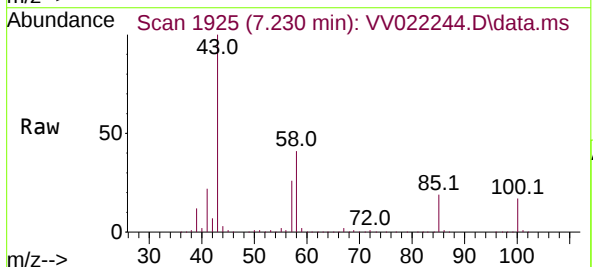
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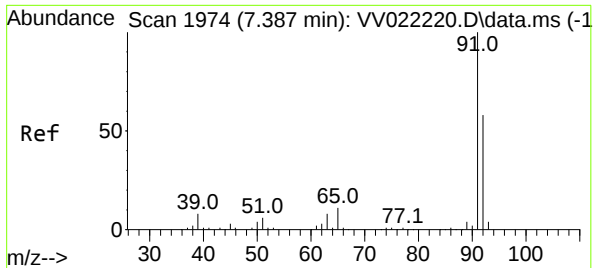
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#40
4-Methyl-2-pentanone
Concen: 110.682 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 43 Resp: 341959
Ion Ratio Lower Upper
43 100
58 41.2 33.3 49.9
100 17.1 14.5 21.7





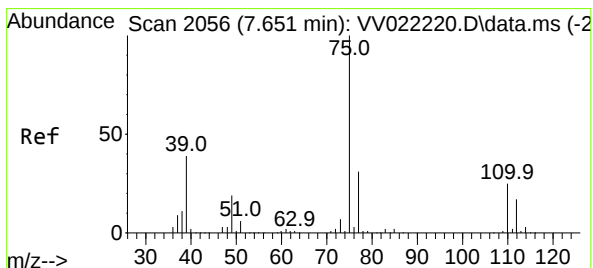
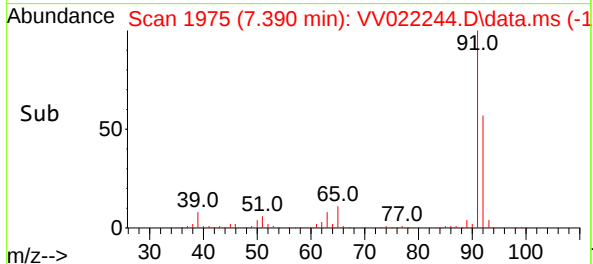
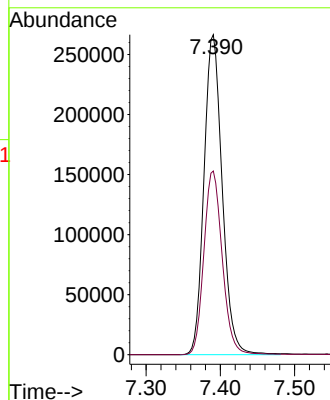
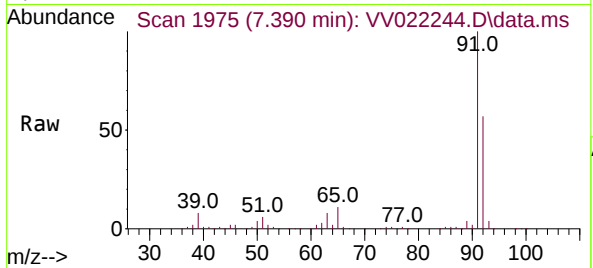
#42
Toluene
Concen: 47.795 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 91 Resp: 453511
Ion Ratio Lower Upper
91 100
92 57.4 40.3 74.8

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

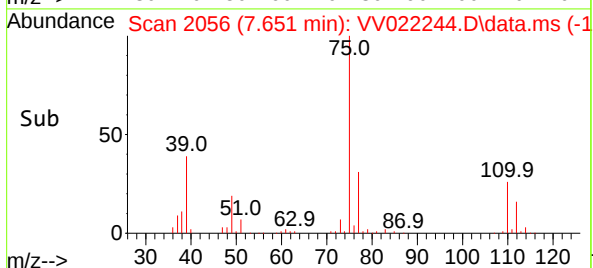
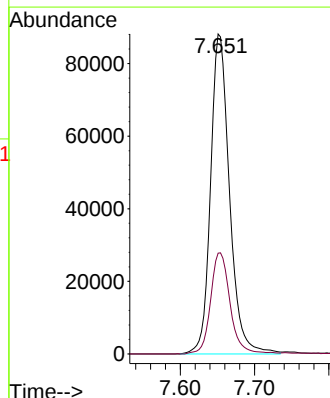
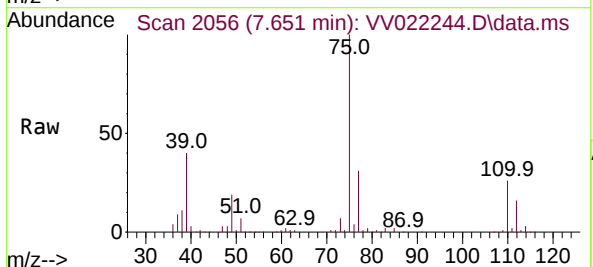
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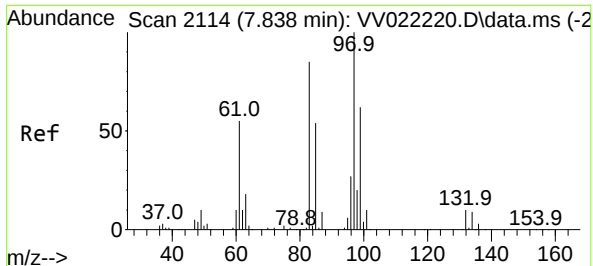
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#44
trans-1,3-Dichloropropene
Concen: 47.695 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 75 Resp: 156185
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.6





#45

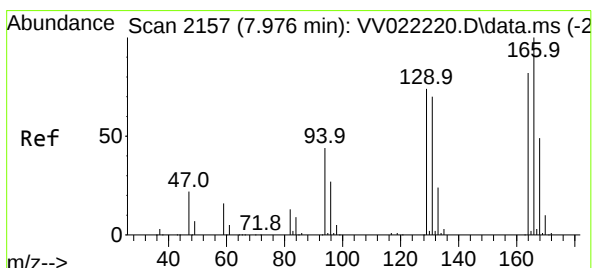
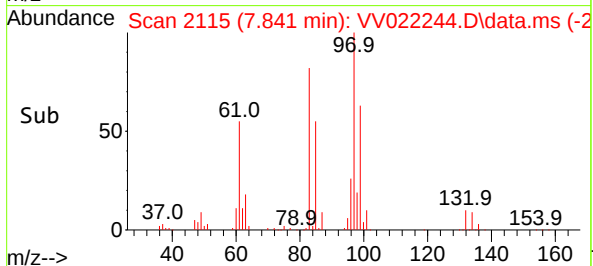
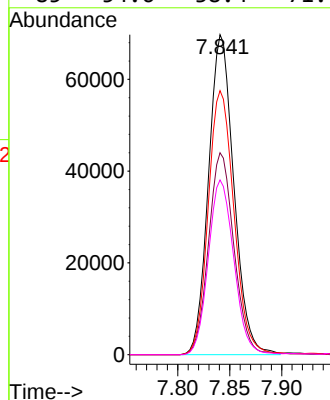
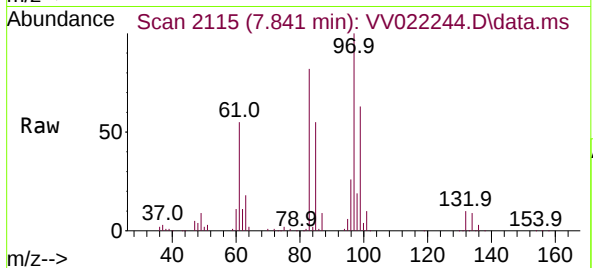
1,1,2-Trichloroethane
Concen: 51.050 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion:	97	Resp:	118374
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.4
83	82.5	58.8	109.2
85	54.6	38.4	71.4

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

Manual Integrations
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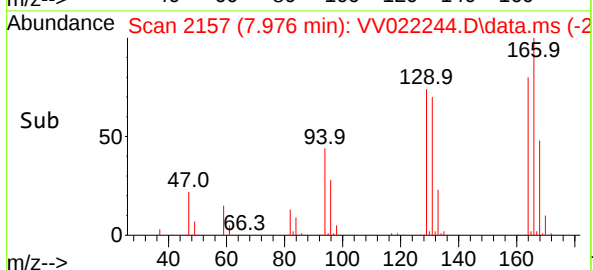
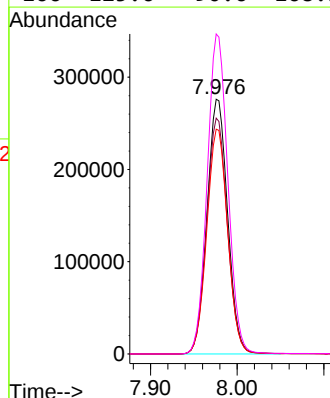
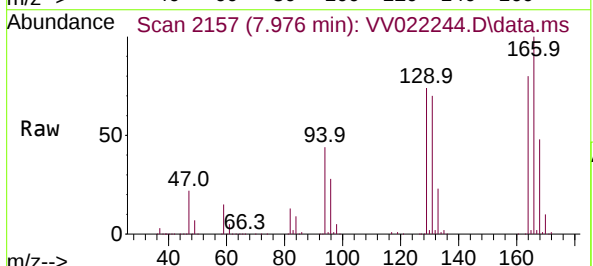
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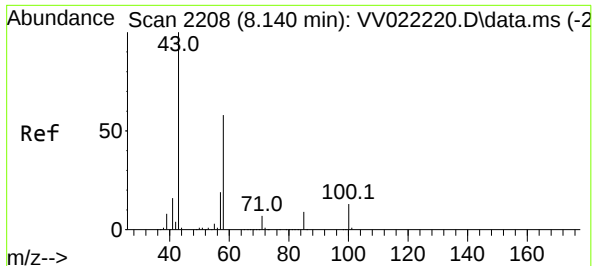


#46

Tetrachloroethene
Concen: 236.428 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion:	164	Resp:	457809
Ion	Ratio	Lower	Upper
164	100		
129	92.6	62.9	116.9
131	88.3	61.0	113.4
166	125.6	90.6	168.3





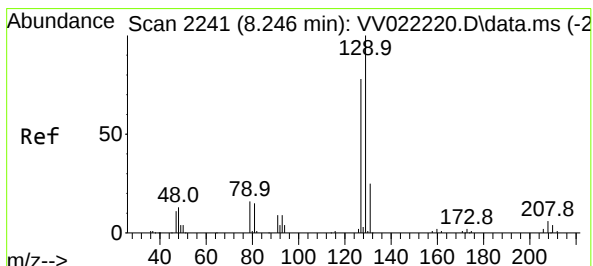
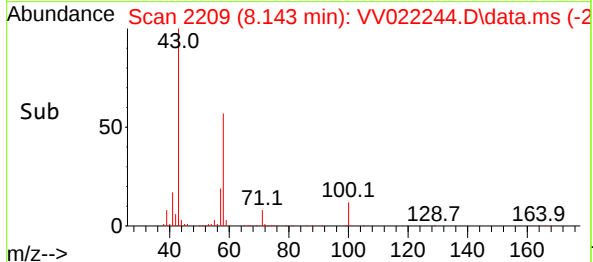
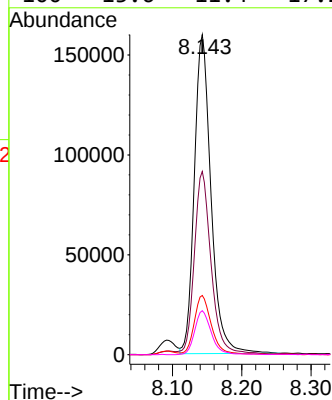
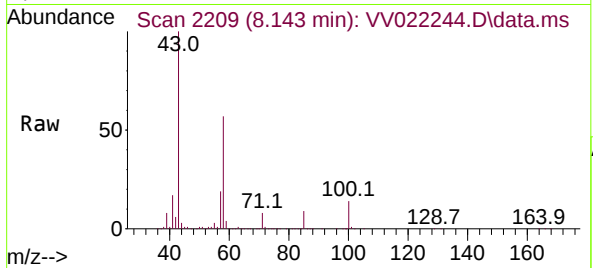
#48
2-Hexanone
Concen: 111.808 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

Tgt Ion: 43 Resp: 268021
Ion Ratio Lower Upper
43 100
58 56.2 47.5 71.3
57 18.5 15.9 23.9
100 13.6 11.4 17.2

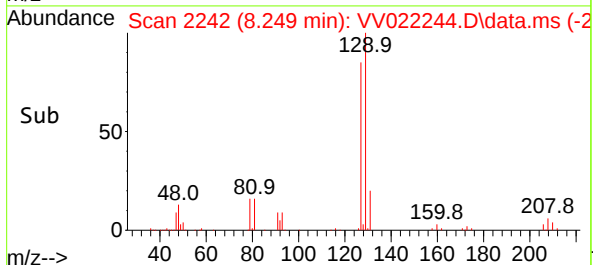
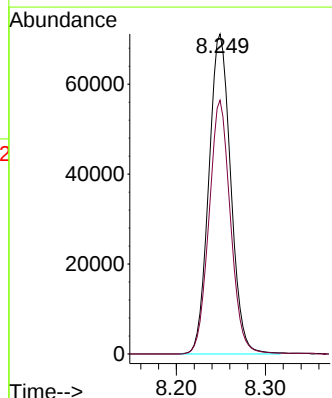
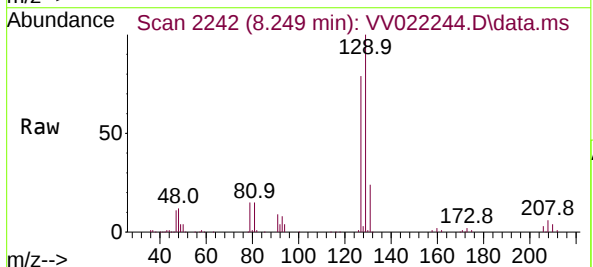
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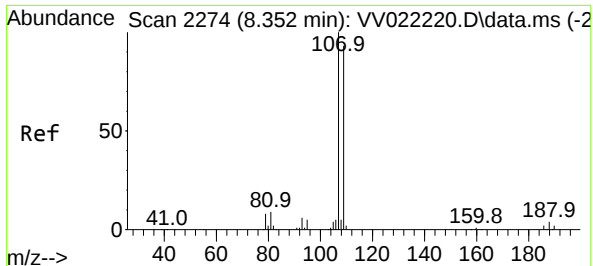
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#49
Dibromochloromethane
Concen: 48.913 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 129 Resp: 121405
Ion Ratio Lower Upper
129 100
127 79.3 54.1 100.5





#50

1,2-Dibromoethane

Concen: 49.022 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV022244.D

Acq: 20 Sep 2021 19:51

Tgt Ion:	107	Resp:	121995
Ion Ratio	Lower	Upper	
107	100		
109	93.8	65.5	121.6
188	3.8	3.2	4.8

Instrument :

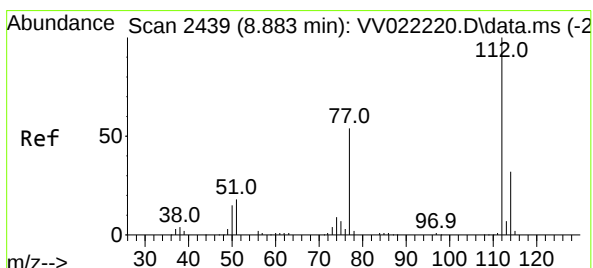
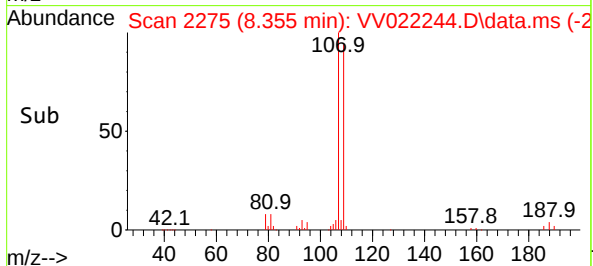
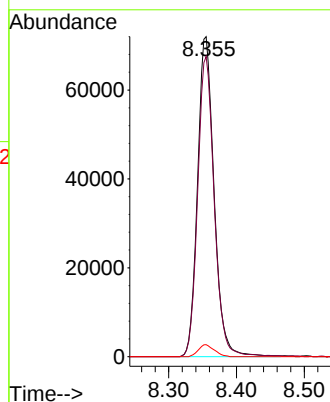
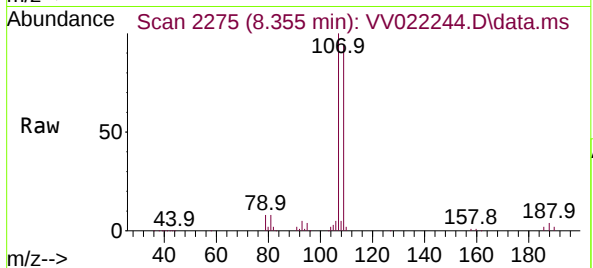
MSVOA_V

ClientSampleId :

E4587MSD

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#51

Chlorobenzene

Concen: 46.922 ug/L

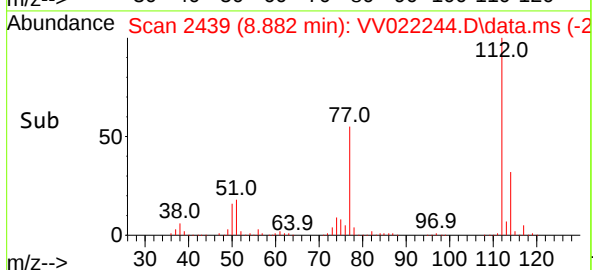
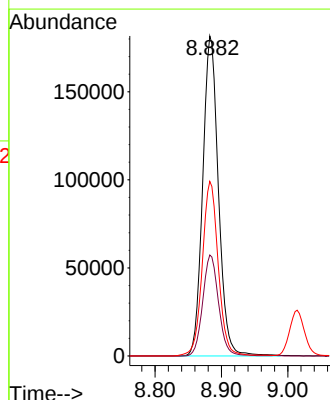
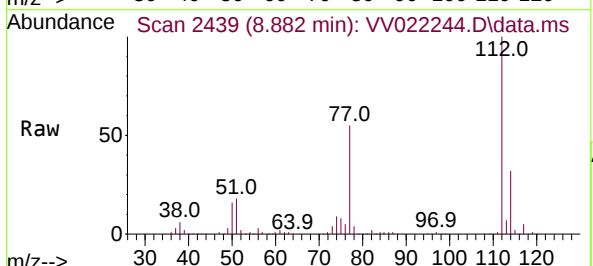
RT: 8.882 min Scan# 2439

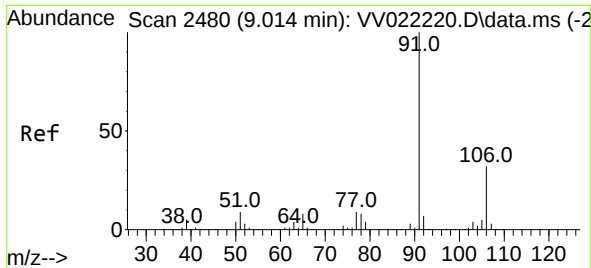
Delta R.T. -0.000 min

Lab File: VV022244.D

Acq: 20 Sep 2021 19:51

Tgt Ion:	112	Resp:	299343
Ion Ratio	Lower	Upper	
112	100		
114	31.6	22.0	41.0
77	54.6	43.2	64.8





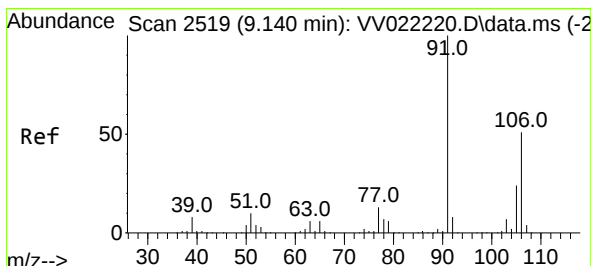
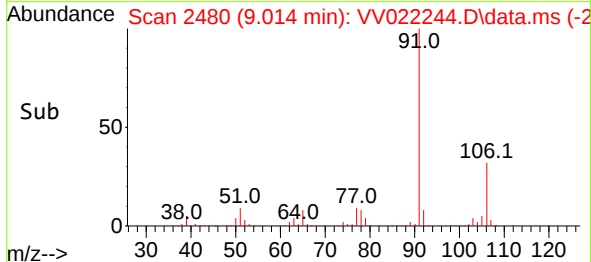
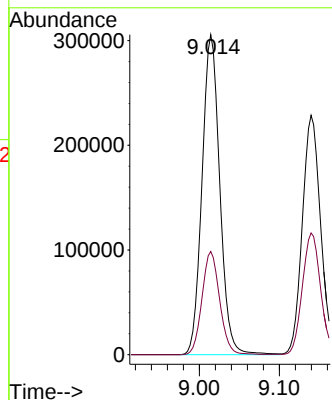
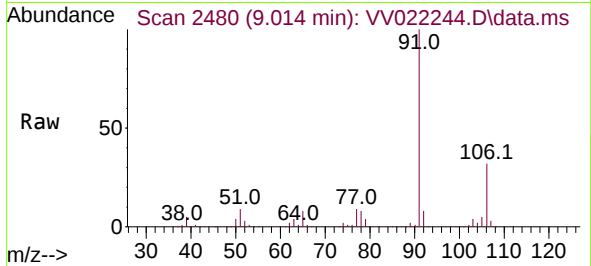
#52
Ethylbenzene
Concen: 46.042 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

Tgt Ion: 91 Resp: 472924
Ion Ratio Lower Upper
91 100
106 32.2 21.7 40.3

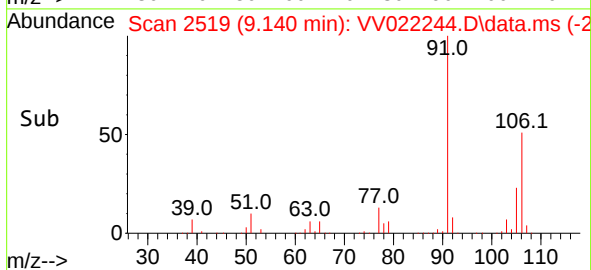
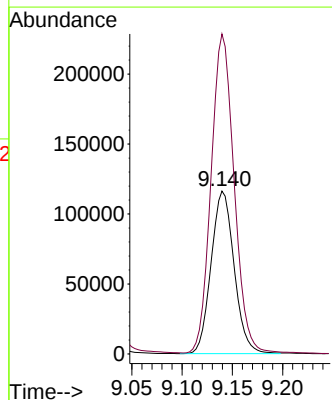
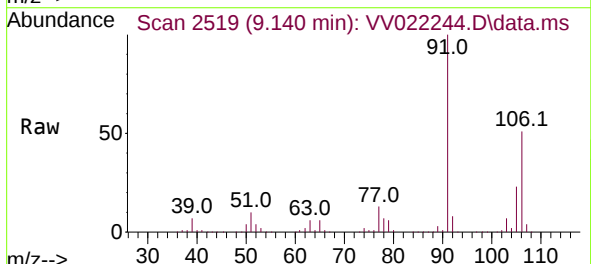
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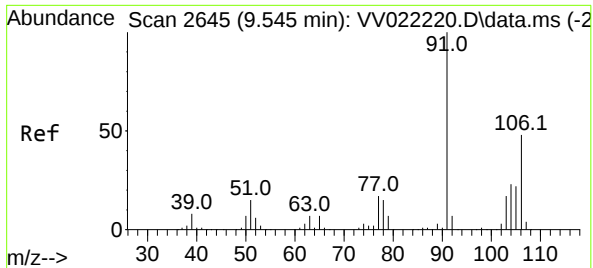
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#53
m,p-Xylene
Concen: 46.310 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 106 Resp: 184887
Ion Ratio Lower Upper
106 100
91 196.5 139.1 258.3





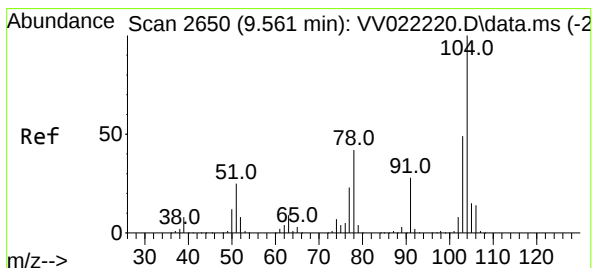
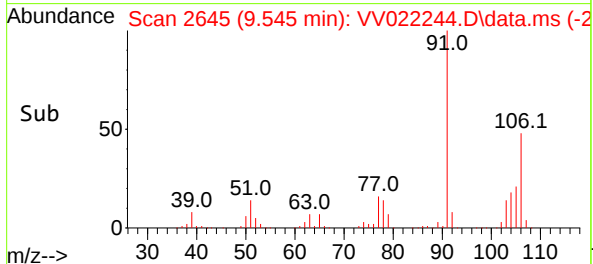
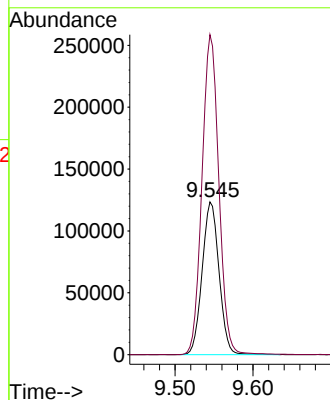
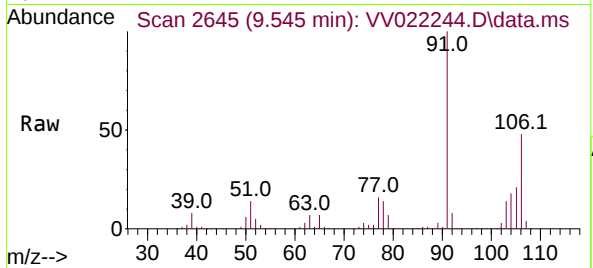
#54
o-Xylene
Concen: 47.025 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion:106 Resp: 185762
Ion Ratio Lower Upper
106 100
91 209.4 150.1 278.9

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

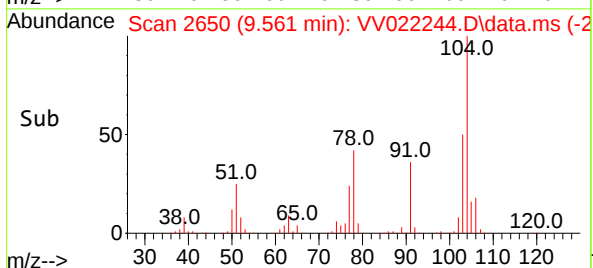
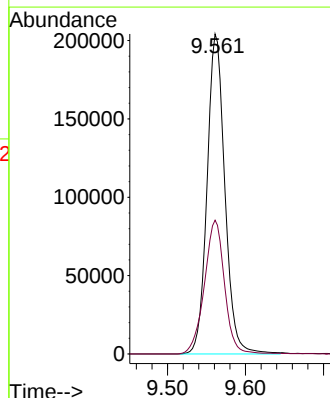
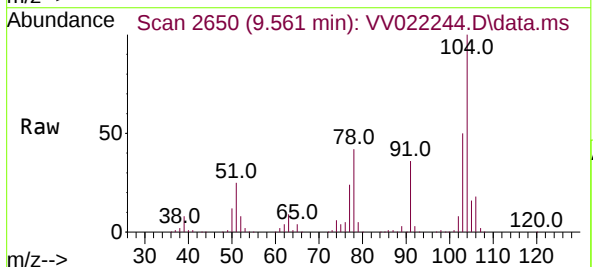
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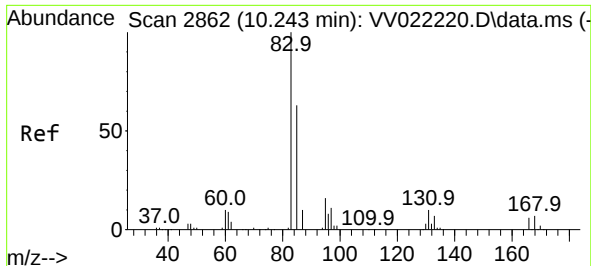
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#55
Styrene
Concen: 48.132 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

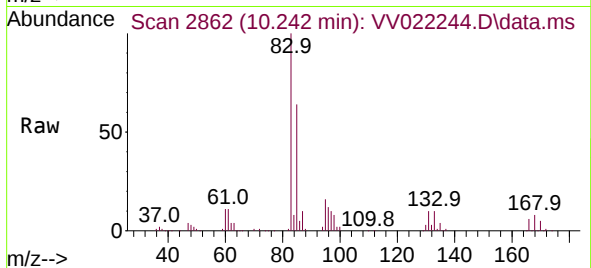
Tgt Ion:104 Resp: 324482
Ion Ratio Lower Upper
104 100
78 41.8 28.6 53.2





#57
1,1,2,2-Tetrachloroethane
Concen: 52.973 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

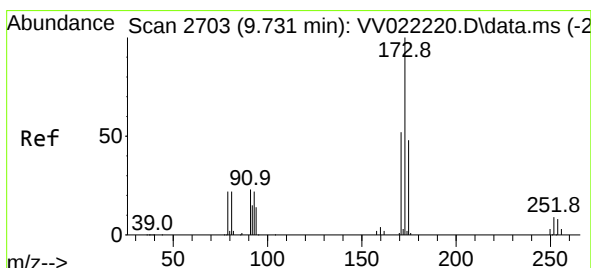
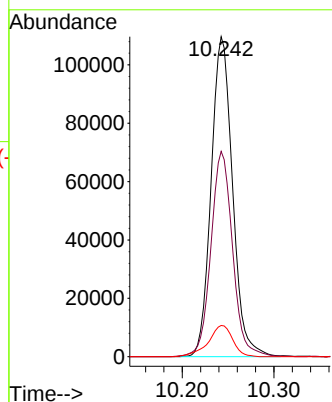
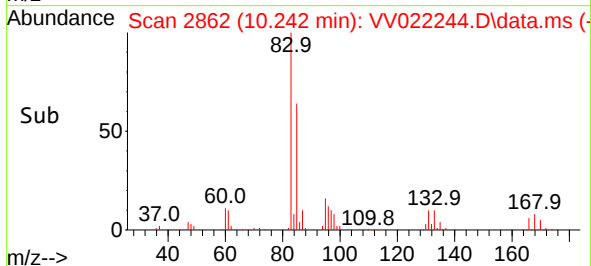
Instrument :
MSVOA_V
ClientSampleId :
E4587MSD



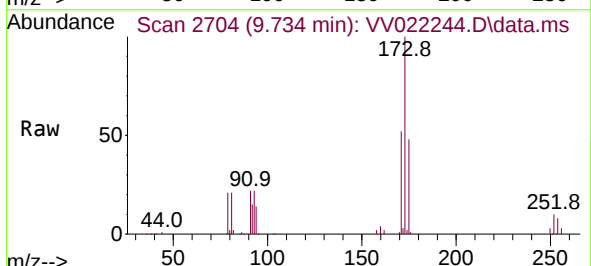
Tgt Ion: 83 Resp: 177970
Ion Ratio Lower Upper
83 100
85 64.1 44.7 83.1
131 9.7 8.2 12.2

Manual Integrations
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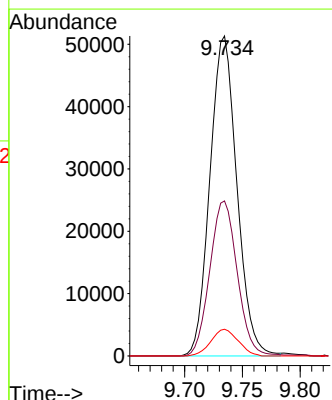
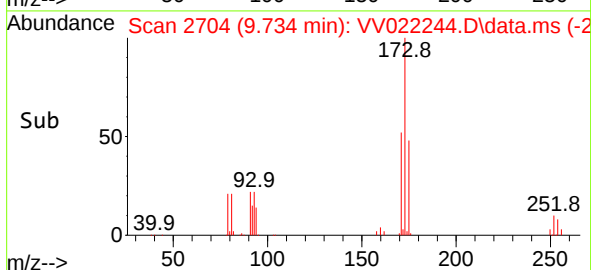
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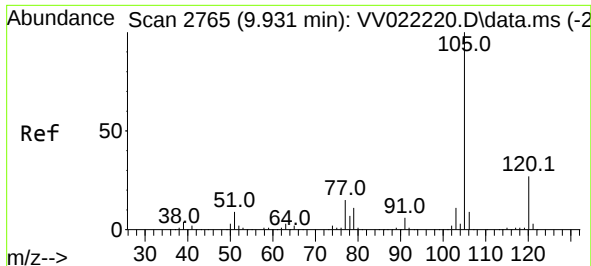


#59
Bromoform
Concen: 50.049 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

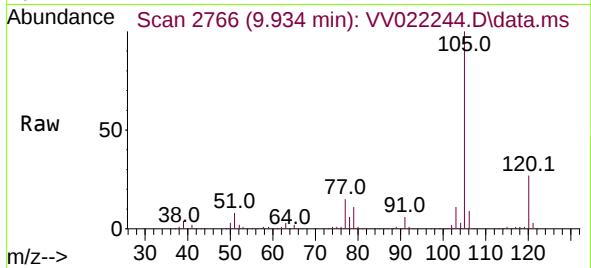


Tgt Ion: 173 Resp: 83421
Ion Ratio Lower Upper
173 100
175 49.3 38.8 58.2
254 8.4 7.0 10.4

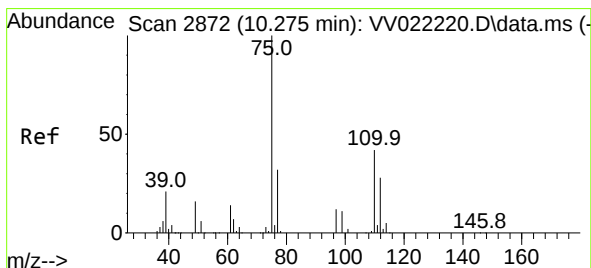
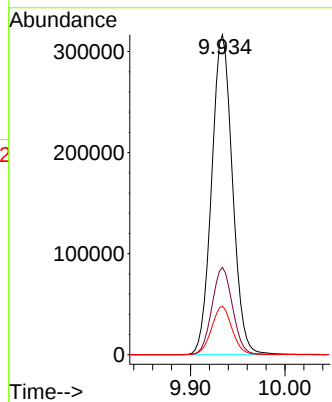
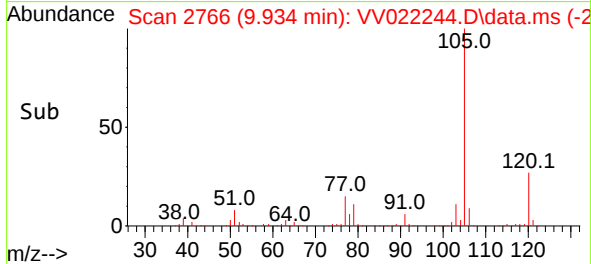




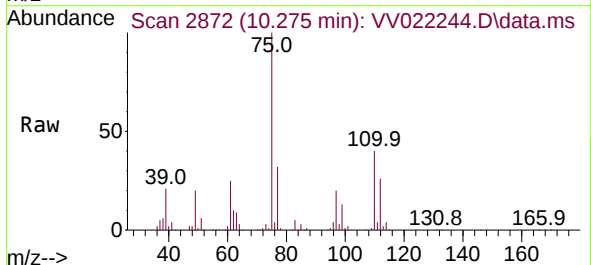
#60
Isopropylbenzene
Concen: 49.123 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51



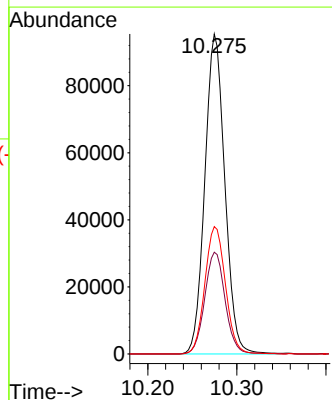
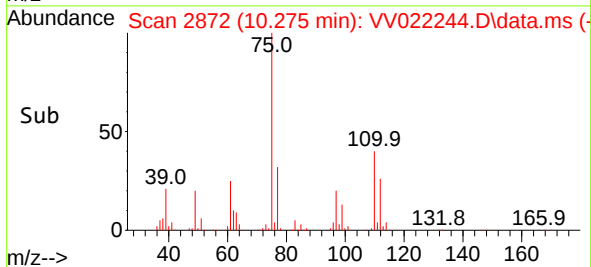
Tgt Ion: 105 Resp: 484398
Ion Ratio Lower Upper
105 100
120 27.1 21.5 32.3
77 14.9 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 54.664 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51



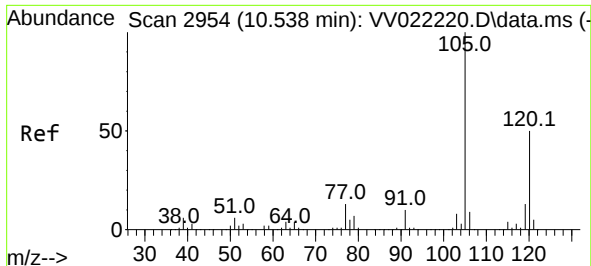
Tgt Ion: 75 Resp: 148677
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 40.8 33.8 50.6



Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

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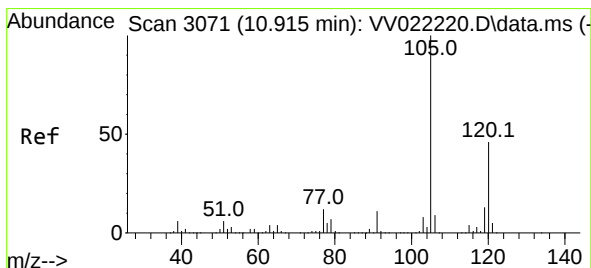
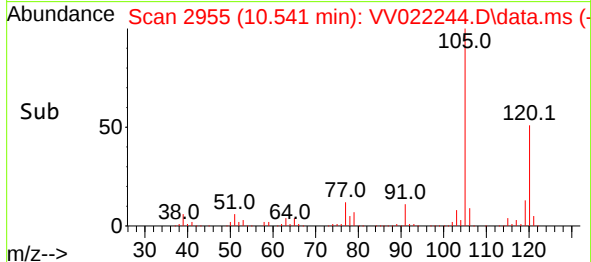
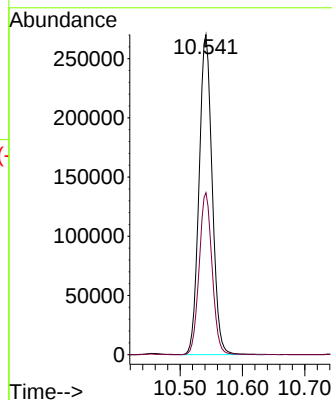
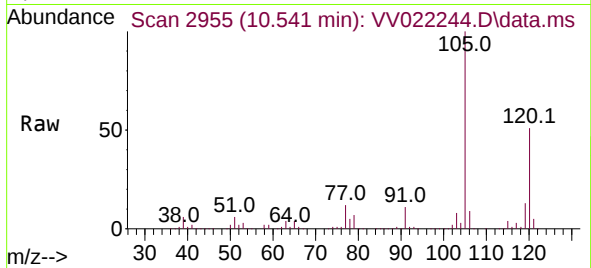
#62
1,3,5-Trimethylbenzene
Concen: 47.561 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion:105 Resp: 393739
Ion Ratio Lower Upper
105 100
120 50.0 39.6 59.4

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

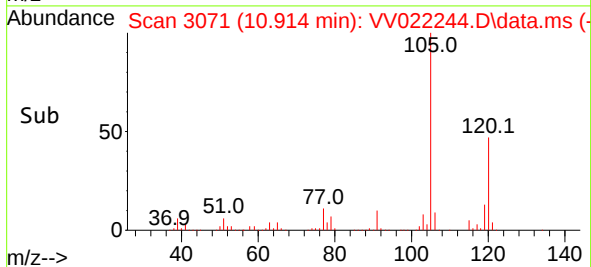
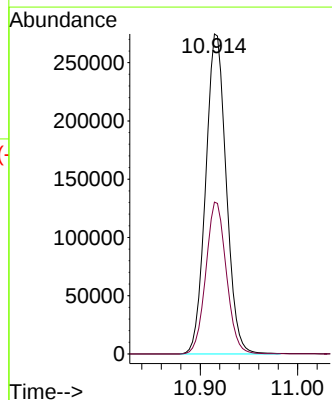
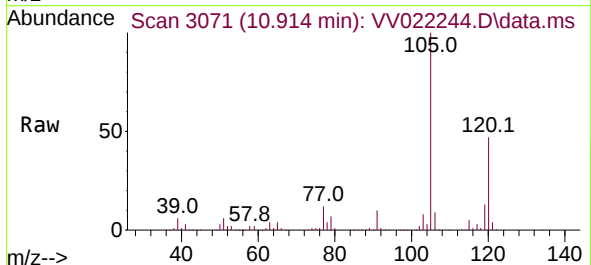
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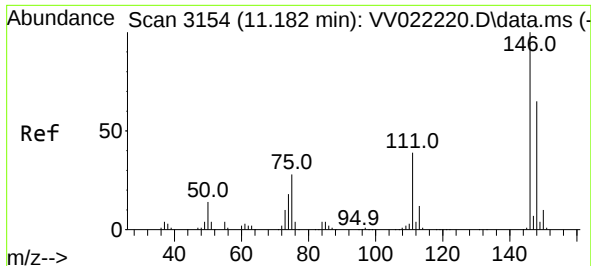
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#63
1,2,4-Trimethylbenzene
Concen: 47.746 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion:105 Resp: 401761
Ion Ratio Lower Upper
105 100
120 47.5 37.4 56.0





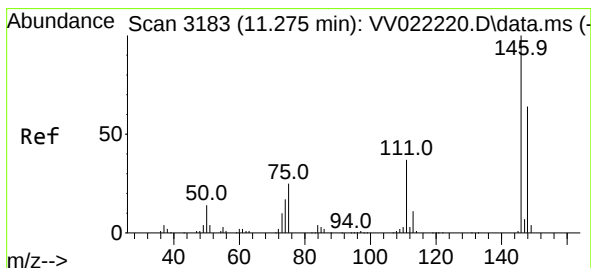
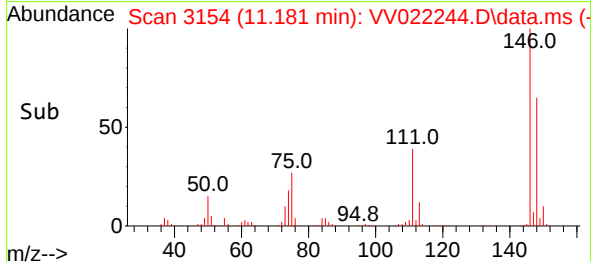
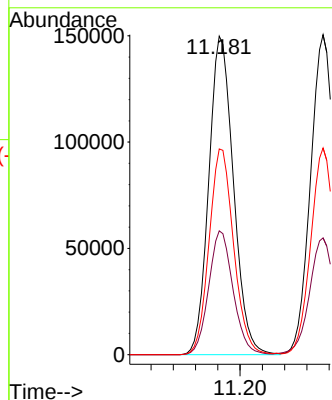
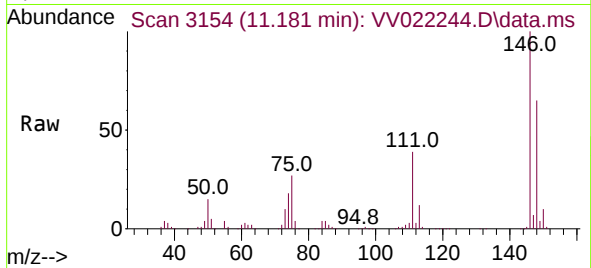
#64
1,3-Dichlorobenzene
Concen: 46.062 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion:146 Resp: 230616
Ion Ratio Lower Upper
146 100
111 38.9 26.9 50.1
148 64.6 45.5 84.5

Instrument :
MSVOA_V
ClientSampled :
E4587MSD

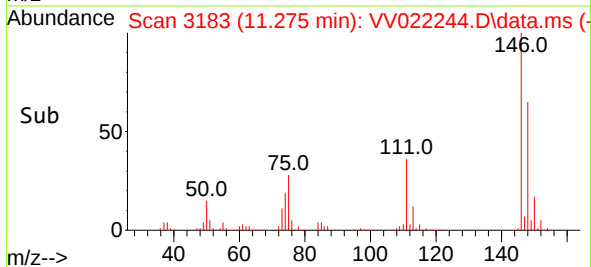
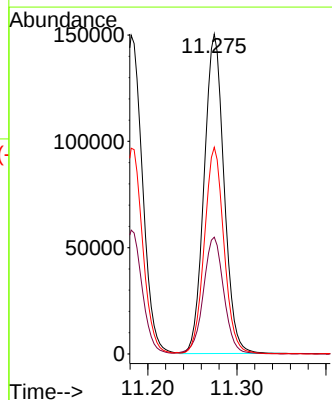
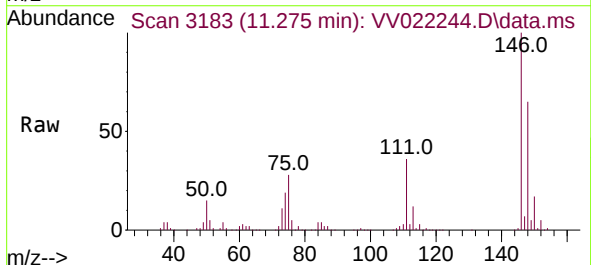
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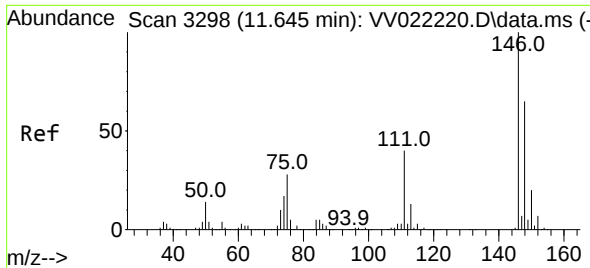
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#65
1,4-Dichlorobenzene
Concen: 45.462 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion:146 Resp: 232911
Ion Ratio Lower Upper
146 100
111 36.5 25.3 46.9
148 64.6 44.4 82.5





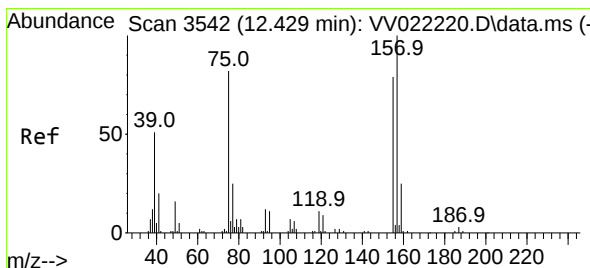
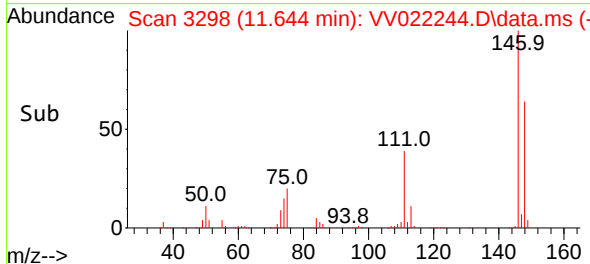
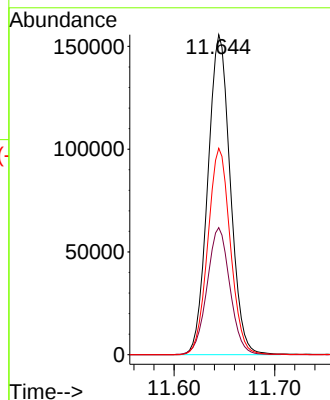
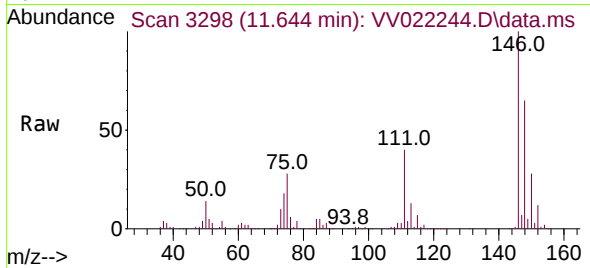
#67
1,2-Dichlorobenzene
Concen: 48.595 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

Tgt Ion: 146 Resp: 241577
Ion Ratio Lower Upper
146 100
111 39.7 31.6 47.4
148 64.5 50.6 75.8

Instrument :
MSVOA_V
ClientSampled :
E4587MSD

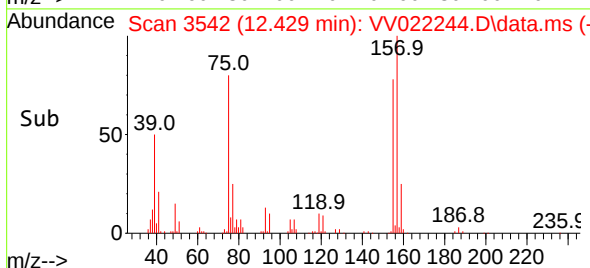
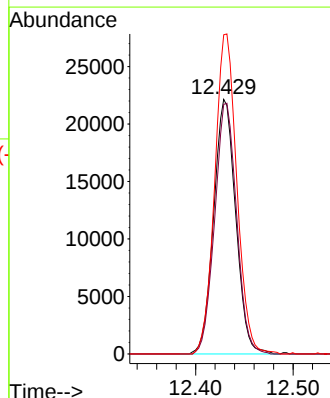
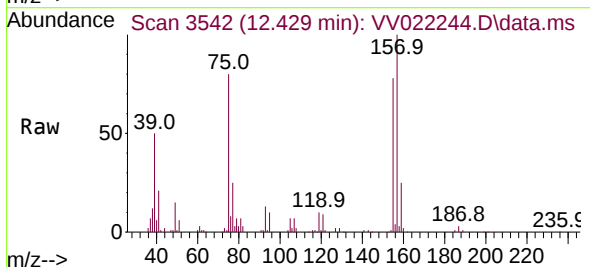
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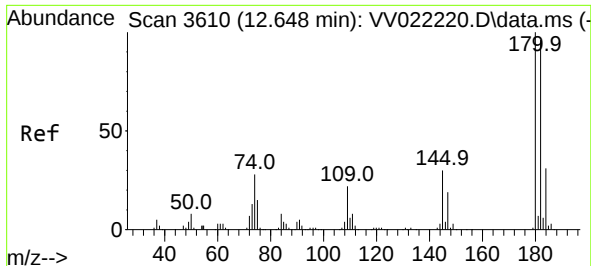
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#68
1,2-Dibromo-3-chloropropane
Concen: 52.996 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

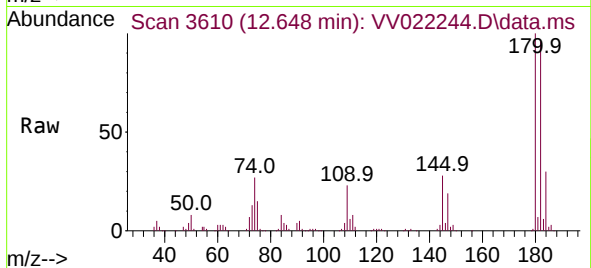
Tgt Ion: 75 Resp: 34739
Ion Ratio Lower Upper
75 100
155 98.0 79.8 119.6
157 125.4 98.3 147.5





#69
1,3,5-Trichlorobenzene
Concen: 42.769 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

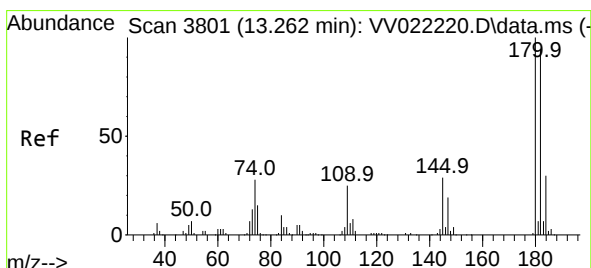
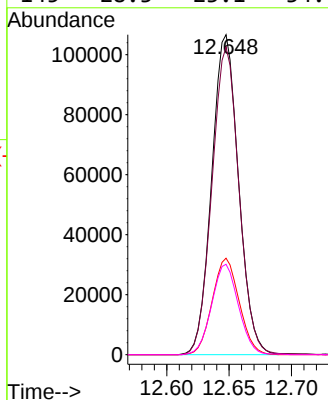
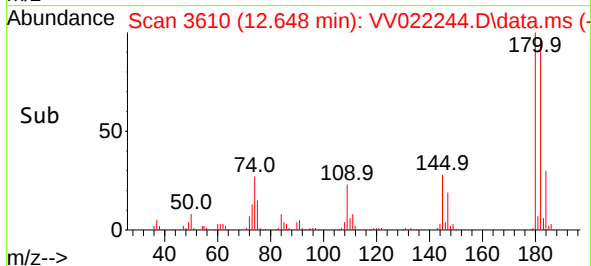
Instrument :
MSVOA_V
ClientSampleId :
E4587MSD



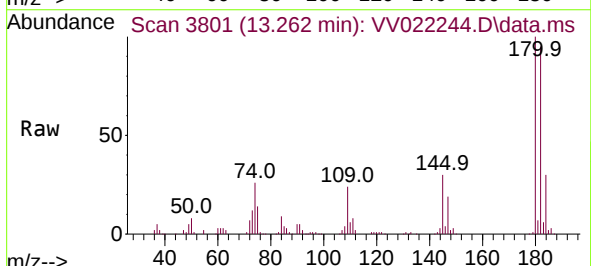
Tgt Ion:	180	Resp:	160114
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.4	114.6
184	30.3	24.0	36.0
145	28.3	23.1	34.7

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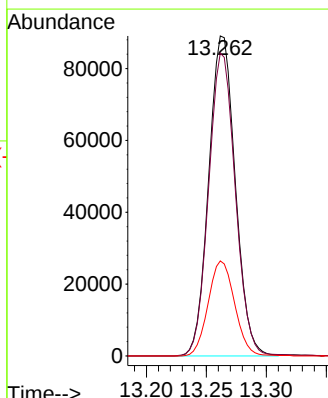
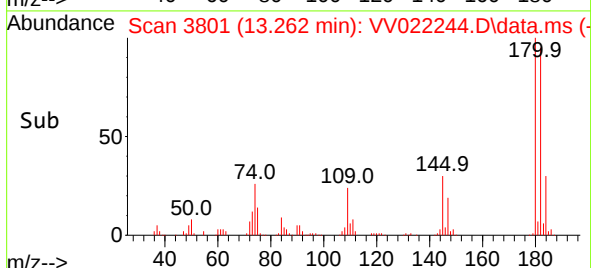
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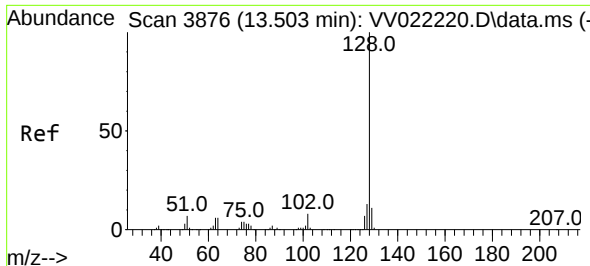


#70
1,2,4-trichlorobenzene
Concen: 41.643 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51



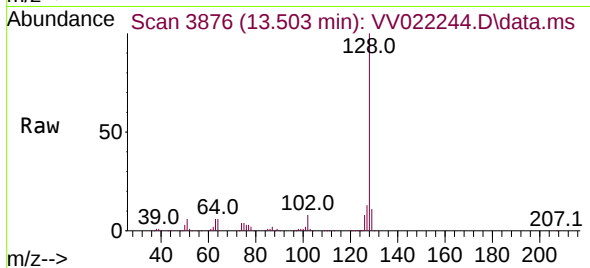
Tgt Ion:	180	Resp:	137142
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.9	113.9
145	29.6	23.8	35.6





#71
Naphthalene
Concen: 49.422 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51

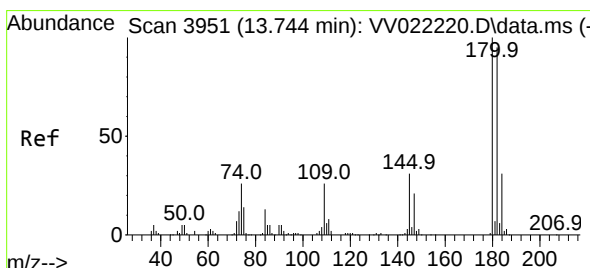
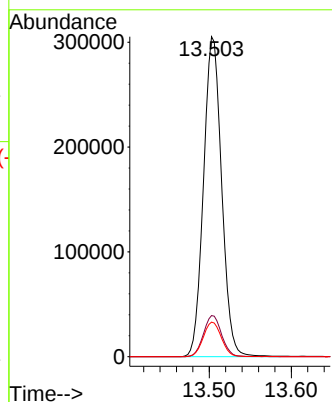
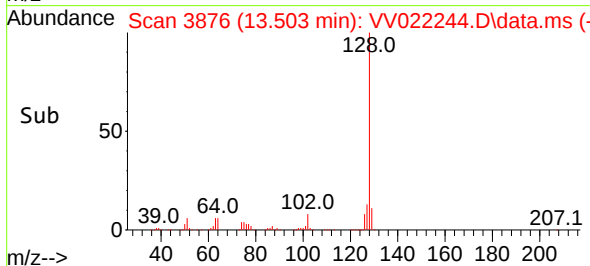
Instrument :
MSVOA_V
ClientSampleId :
E4587MSD



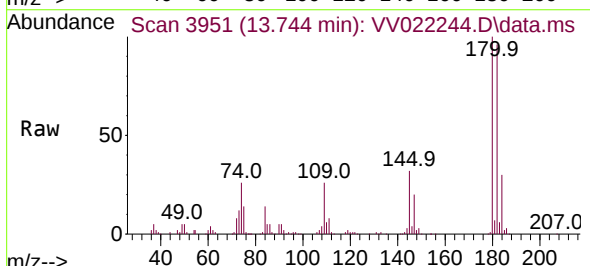
Tgt Ion:128 Resp: 468190
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.7 13.1

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#72
1,2,3-Trichlorobenzene
Concen: 46.012 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022244.D
Acq: 20 Sep 2021 19:51



Tgt Ion:180 Resp: 147798
Ion Ratio Lower Upper
180 100
182 95.0 76.3 114.5
145 31.7 25.4 38.0

