

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026969.D
 Acq On : 26 Jul 2022 22:28
 Operator : SY/MD
 Sample : N3843-14MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUP2MSD

Quant Time: Jul 27 01:45:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	552203	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	551889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	304854	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	180899	39.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.120%
7) Chloroethane-d5	1.564	69	152573	40.721	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.440%
11) 1,1-Dichloroethene-d2	2.105	63	346831	41.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.260%
21) 2-Butanone-d5	3.883	46	323055	103.485	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.490%
24) Chloroform-d	4.342	84	407377	44.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
26) 1,2-Dichloroethane-d4	5.027	65	234679	45.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.020%
32) Benzene-d6	5.043	84	776893	46.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
36) 1,2-Dichloropropane-d6	6.066	67	251979	46.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.740%
41) Toluene-d8	7.313	98	699724	47.938	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	7.619	79	105780	46.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.920%
47) 2-Hexanone-d5	8.088	63	234938	100.364	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	395926	48.478	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.960%
66) 1,2-Dichlorobenzene-d4	11.622	152	274133	47.932	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	237199	41.580	ug/L	99
3) Chloromethane	1.240	50	236704	44.370	ug/L	99
5) Vinyl chloride	1.307	62	256243	45.186	ug/L	100
6) Bromomethane	1.519	94	164495	48.005	ug/L	99
8) Chloroethane	1.580	64	157430	47.244	ug/L	96
9) Trichlorofluoromethane	1.748	101	358970	45.930	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	207537	45.403	ug/L	100
12) 1,1-Dichloroethene	2.114	96	200065	46.858	ug/L	88
13) Acetone	2.179	43	235541	107.458	ug/L	99
14) Carbon disulfide	2.288	76	539942	44.323	ug/L	100
15) Methyl Acetate	2.429	43	228981	47.362	ug/L	99
16) Methylene chloride	2.500	84	254958	46.846	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	216772	48.049	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	667071	53.227	ug/L	100
19) 1,1-Dichloroethane	3.185	63	413611	49.780	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	241479	50.789	ug/L	97
22) 2-Butanone	3.966	43	346515	115.909	ug/L	99
23) Bromochloromethane	4.243	128	134491	49.400	ug/L	98
25) Chloroform	4.368	83	436719	49.282	ug/L	100

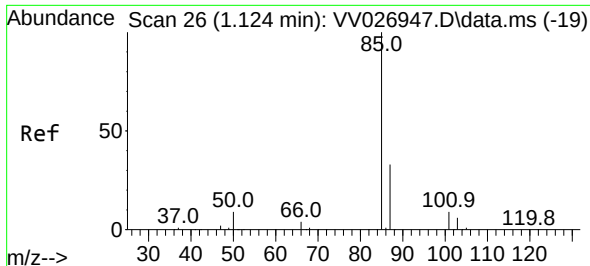
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	304015	48.618	ug/L	99
29) Cyclohexane	4.674	56	294969	51.111	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	373004	51.155	ug/L	99
31) Carbon tetrachloride	4.821	117	320800	50.248	ug/L	100
33) Benzene	5.095	78	940114	52.969	ug/L	100
34) Trichloroethene	5.908	95	225336	49.407	ug/L	99
35) Methylcyclohexane	6.127	83	330592	48.956	ug/L	99
37) 1,2-Dichloropropane	6.169	63	246996	53.471	ug/L	100
38) Bromodichloromethane	6.506	83	316231	50.507	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	333832	52.073	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	635336	115.575	ug/L	99
42) Toluene	7.384	91	1002278	55.326	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	322983	51.088	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	257572	52.360	ug/L	99
46) Tetrachloroethene	7.972	164	174176	48.957	ug/L	97
48) 2-Hexanone	8.136	43	506092	118.289	ug/L	96
49) Dibromochloromethane	8.243	129	267522	52.031	ug/L	100
50) 1,2-Dibromoethane	8.349	107	264122	52.479	ug/L	98
51) Chlorobenzene	8.879	112	643843	50.988	ug/L	99
52) Ethylbenzene	9.011	91	1001427	53.256	ug/L	99
53) m,p-Xylene	9.136	106	404603	54.952	ug/L	99
54) o-Xylene	9.542	106	396161	55.867	ug/L	99
55) Styrene	9.558	104	710045	56.697	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	424587	53.470	ug/L	99
59) Bromoform	9.728	173	183690	53.932	ug/L	99
60) Isopropylbenzene	9.931	105	1001916	55.613	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	324310	53.016	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	817482	55.831	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	835697	56.902	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	482747	52.445	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	497099	50.966	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	498228	52.756	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	86366	52.845	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	312728	47.991	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	262242	47.763	ug/L	100
71) Naphthalene	13.500	128	928394	53.771	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	303012	52.907	ug/L	99

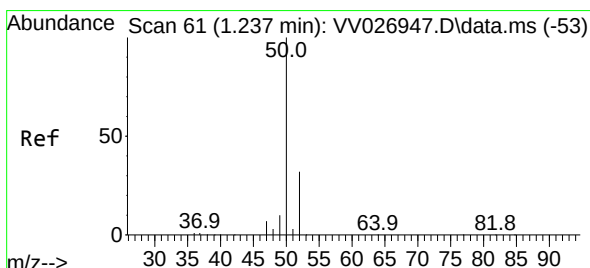
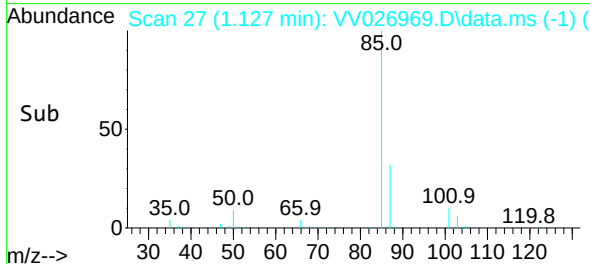
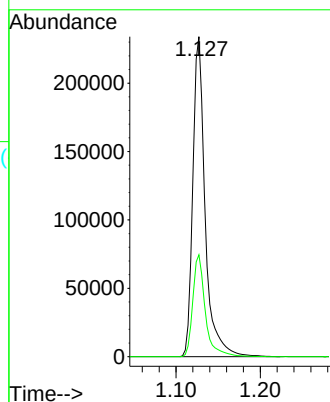
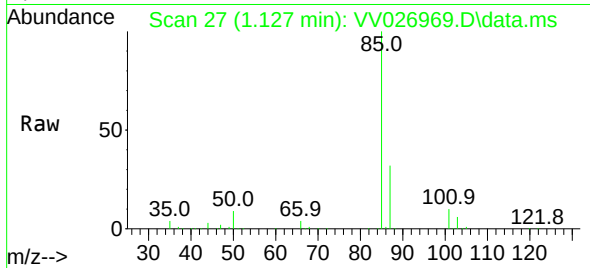
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 41.580 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026969.D
 Acq: 26 Jul 2022 22:28

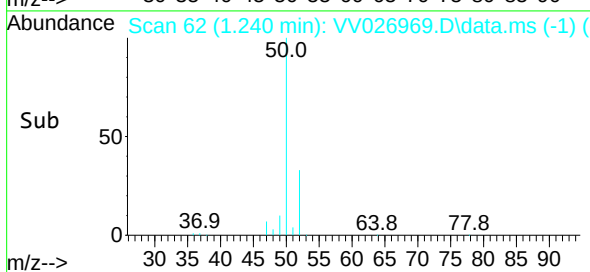
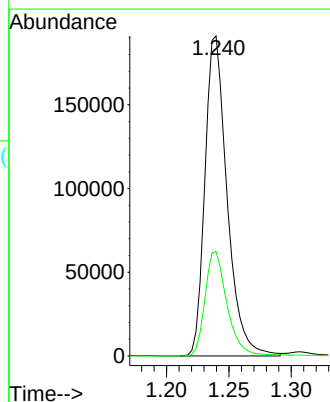
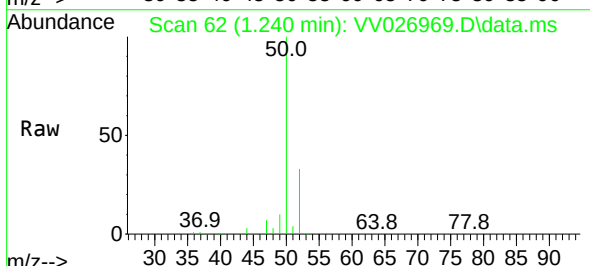
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUP2MSD

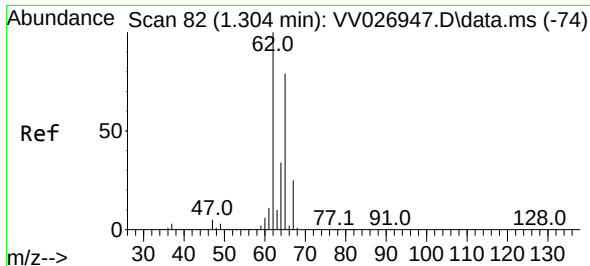
Tgt Ion: 85 Resp: 237199
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.1 39.1



#3
 Chloromethane
 Concen: 44.370 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026969.D
 Acq: 26 Jul 2022 22:28

Tgt Ion: 50 Resp: 236704
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.1 42.9

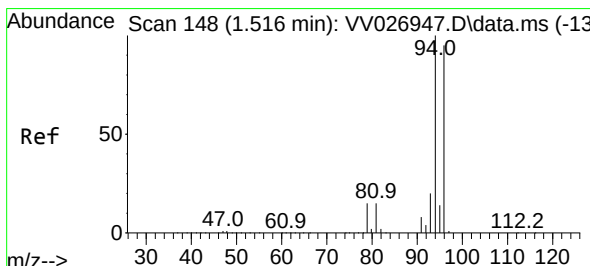
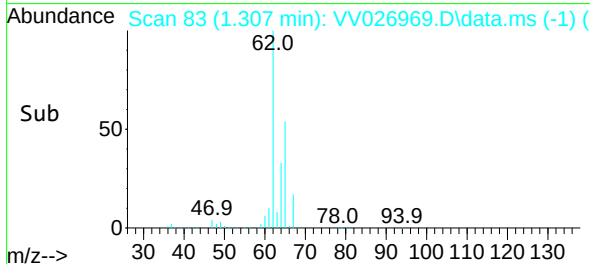
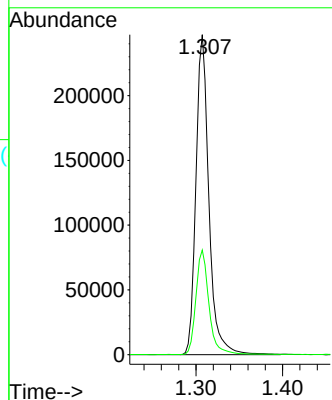
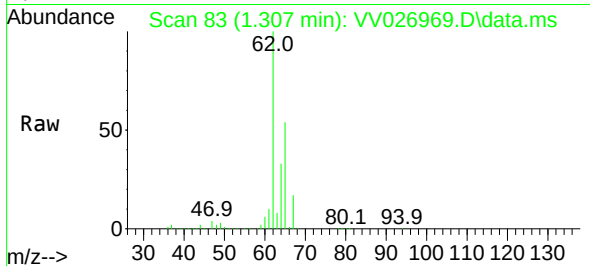




#5
 Vinyl chloride
 Concen: 45.186 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026969.D
 Acq: 26 Jul 2022 22:28

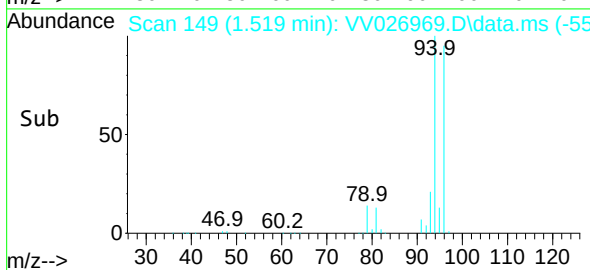
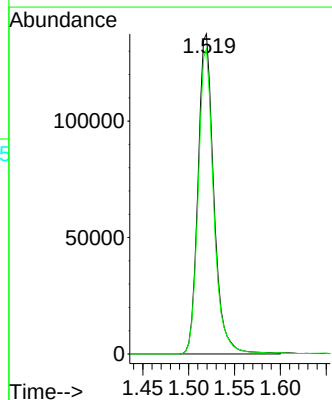
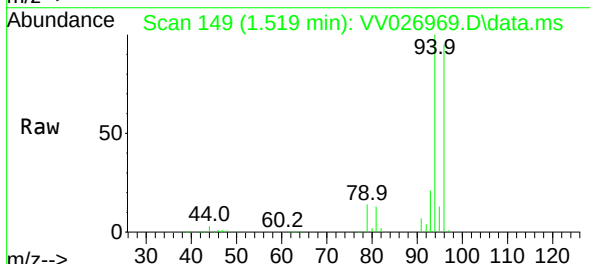
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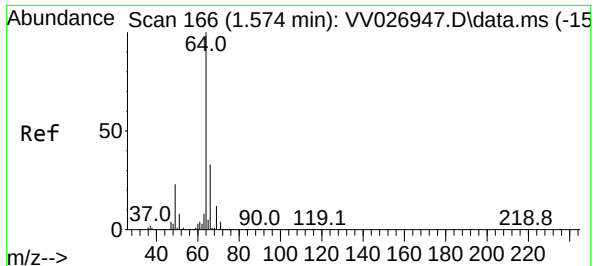
Tgt Ion: 62 Resp: 256243
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 48.005 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV026969.D
 Acq: 26 Jul 2022 22:28

Tgt Ion: 94 Resp: 164495
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.8 122.2

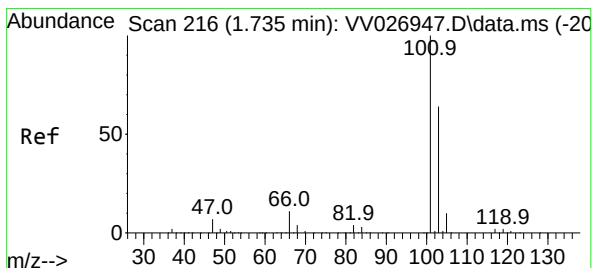
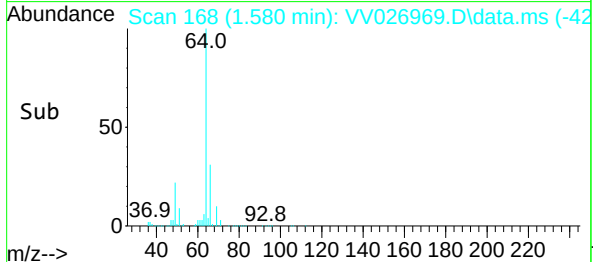
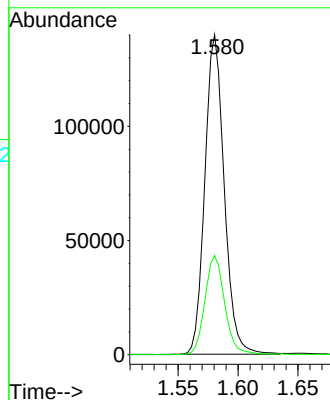
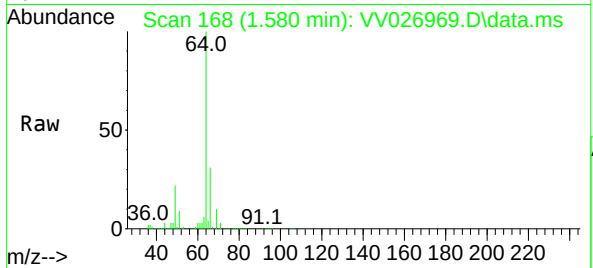




#8
Chloroethane
Concen: 47.244 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

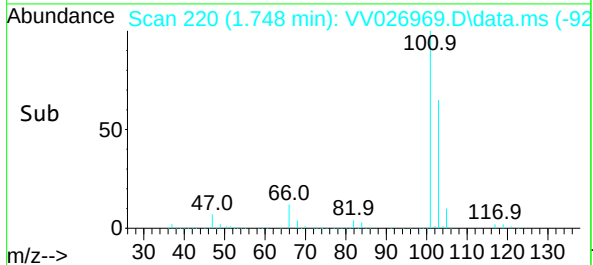
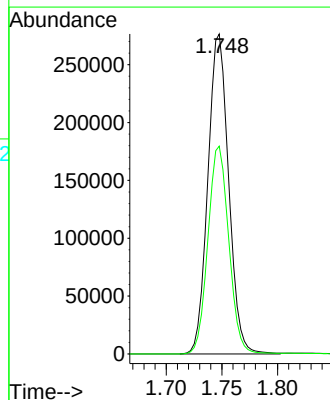
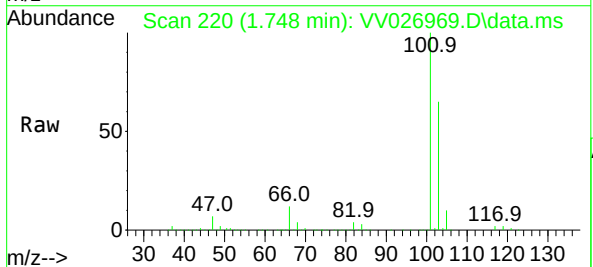
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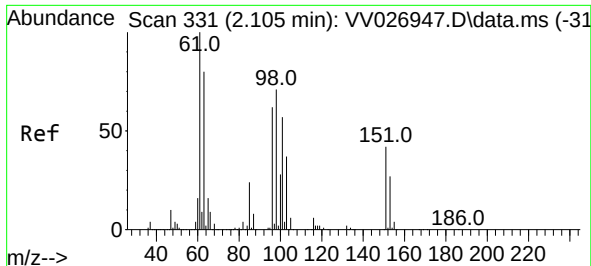
Tgt Ion: 64 Resp: 157430
Ion Ratio Lower Upper
64 100
66 31.0 23.2 43.0



#9
Trichlorofluoromethane
Concen: 45.930 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.013 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Tgt Ion: 101 Resp: 358970
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8





#10

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

Concen: 45.403 ug/L

RT: 2.111 min Scan# 331

Delta R.T. 0.006 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MSD

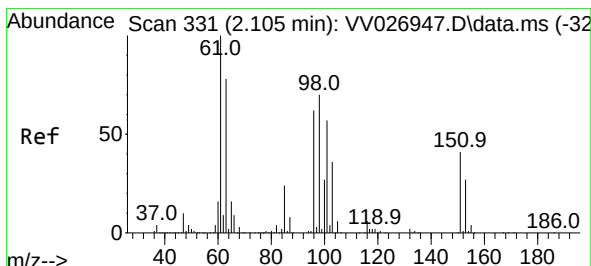
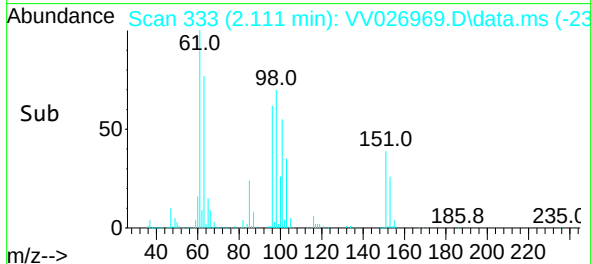
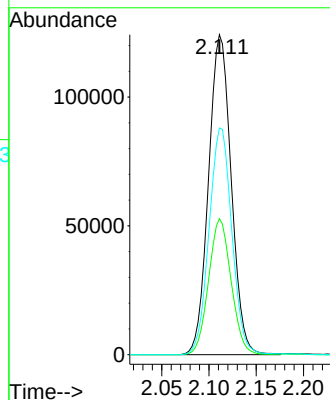
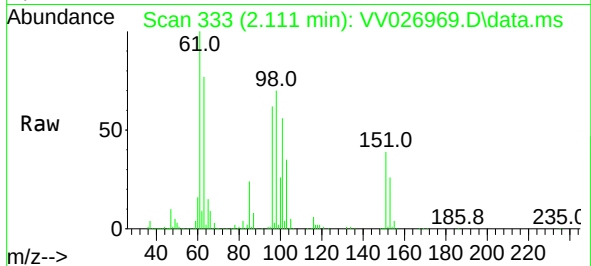
Tgt Ion:101 Resp: 207537

Ion Ratio Lower Upper

101 100

85 42.1 33.1 49.7

151 71.3 57.1 85.7



#12

1,1-Dichloroethene

Concen: 46.858 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.009 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

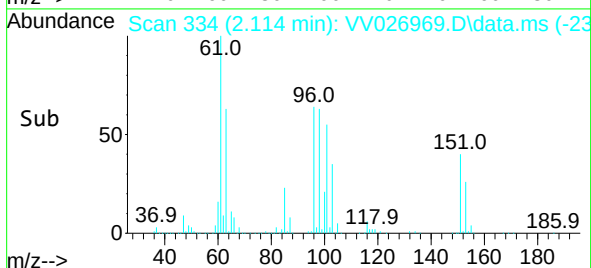
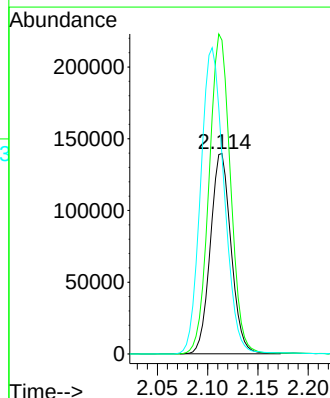
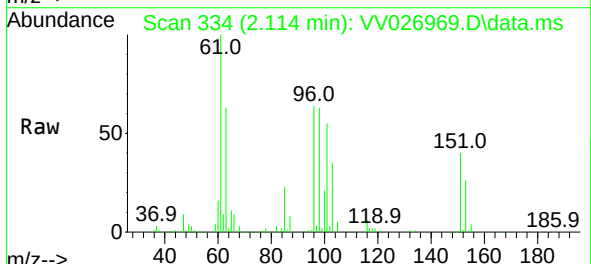
Tgt Ion: 96 Resp: 200065

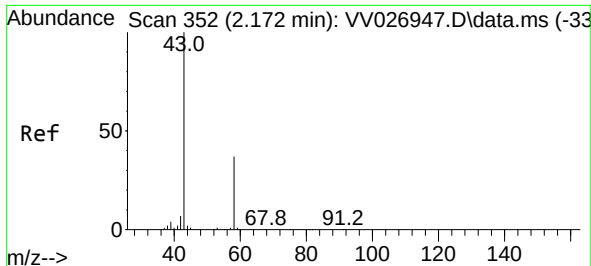
Ion Ratio Lower Upper

96 100

61 156.5 114.2 212.0

63 99.0 87.0 161.6





#13

Acetone

Concen: 107.458 ug/L

RT: 2.179 min Scan# 352

Delta R.T. 0.006 min

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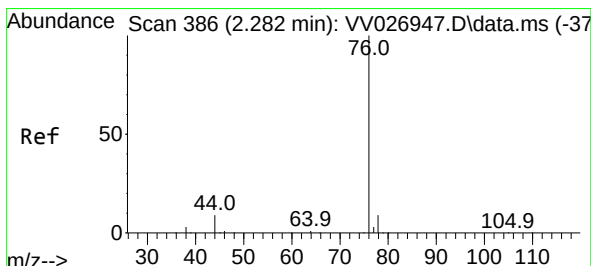
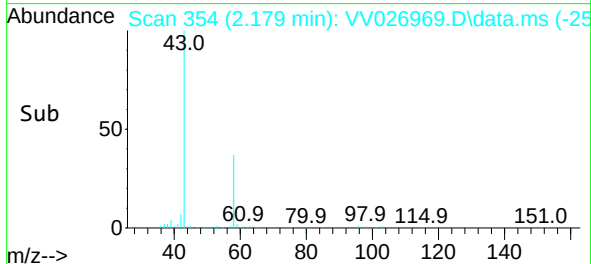
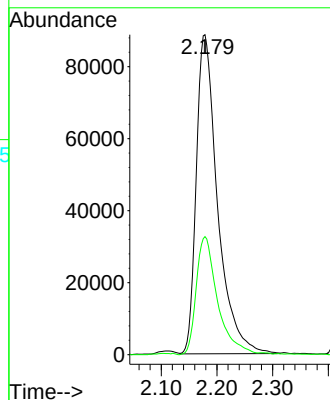
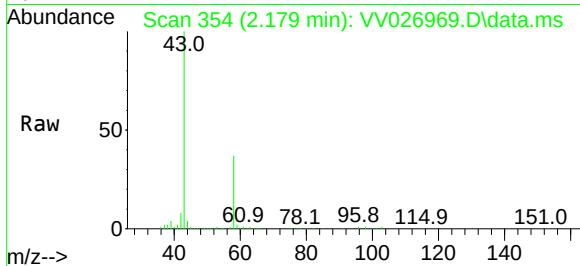
DBUP2MSD

Tgt Ion: 43 Resp: 235541

Ion Ratio Lower Upper

43 100

58 37.1 0.0 72.6



#14

Carbon disulfide

Concen: 44.323 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.006 min

Lab File: VV026969.D

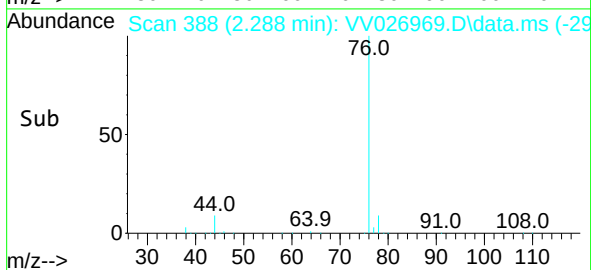
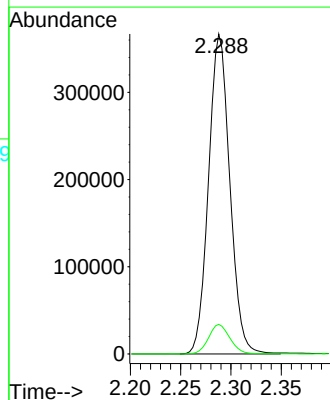
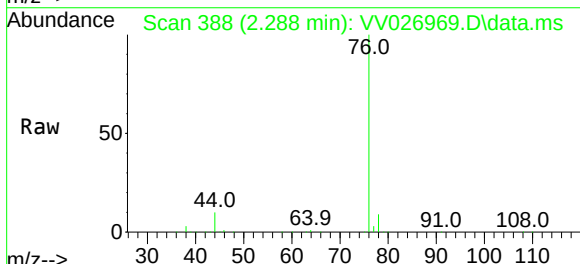
Acq: 26 Jul 2022 22:28

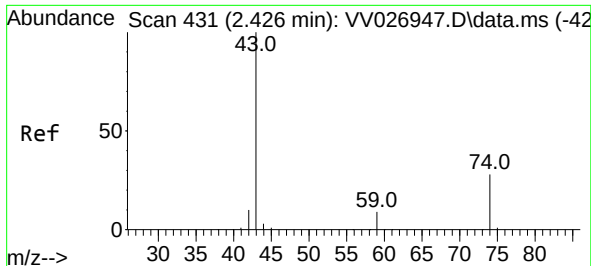
Tgt Ion: 76 Resp: 539942

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

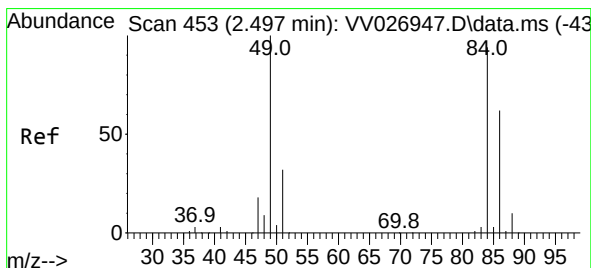
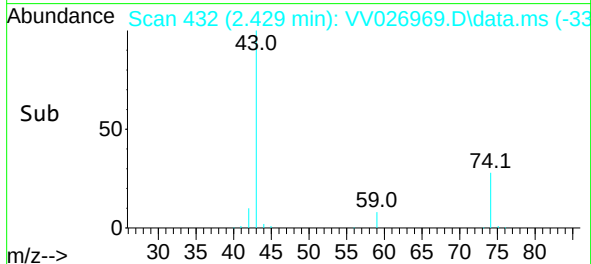
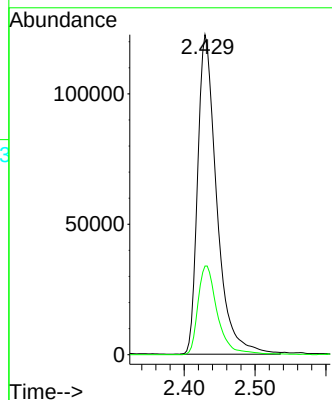
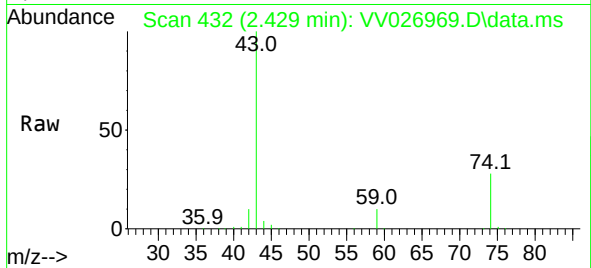




#15
Methyl Acetate
Concen: 47.362 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

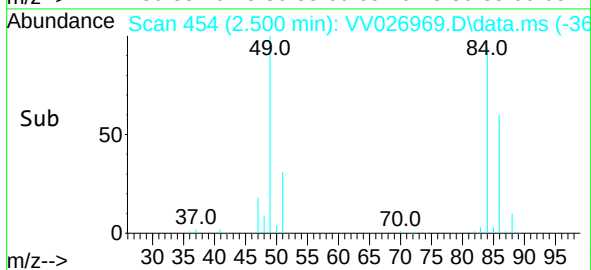
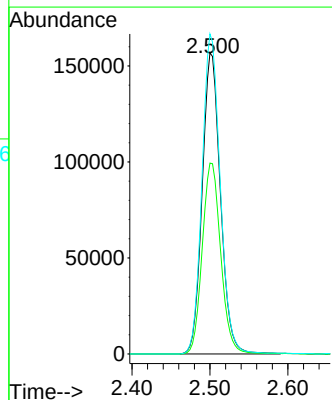
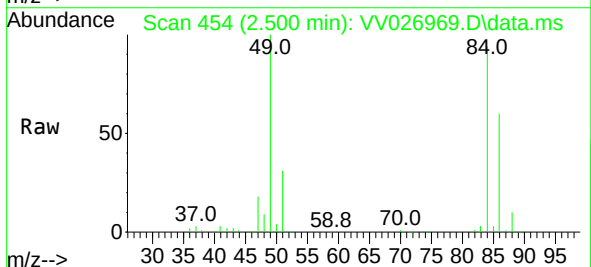
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MSD

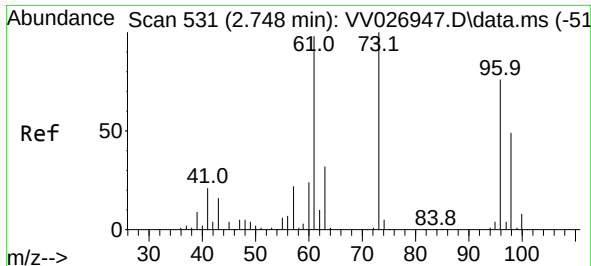
Tgt Ion: 43 Resp: 228981
Ion Ratio Lower Upper
43 100
74 28.3 22.1 33.1



#16
Methylene chloride
Concen: 46.846 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Tgt Ion: 84 Resp: 254958
Ion Ratio Lower Upper
84 100
86 63.4 44.5 82.7
49 106.3 75.0 139.2





#17

trans-1,2-Dichloroethene

Concen: 48.049 ug/L

RT: 2.754 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MSD

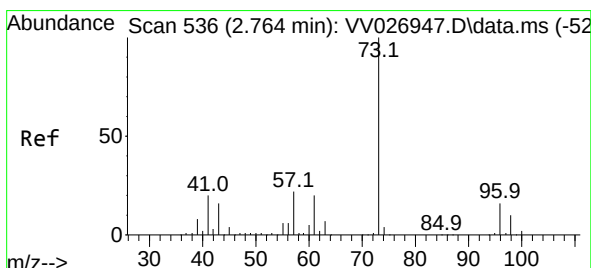
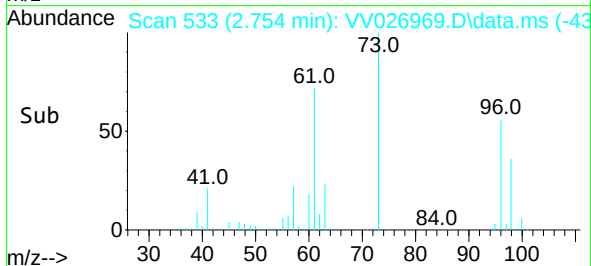
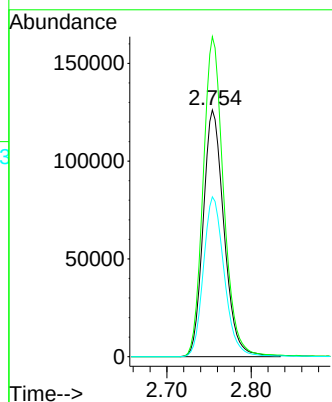
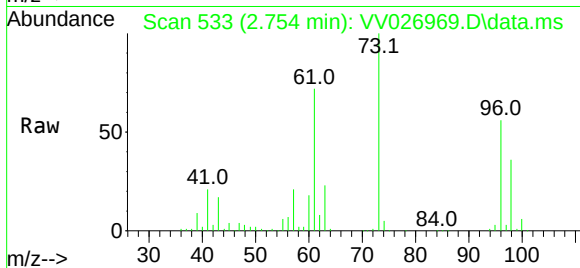
Tgt Ion: 96 Resp: 216772

Ion Ratio Lower Upper

96 100

61 129.7 89.2 165.6

98 64.8 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 53.227 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.000 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

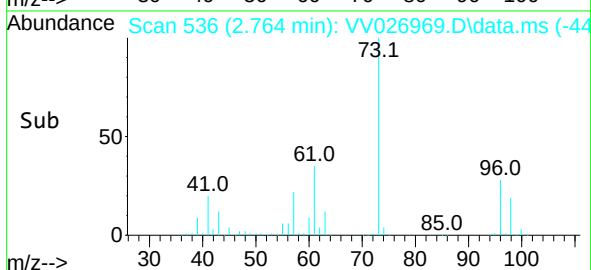
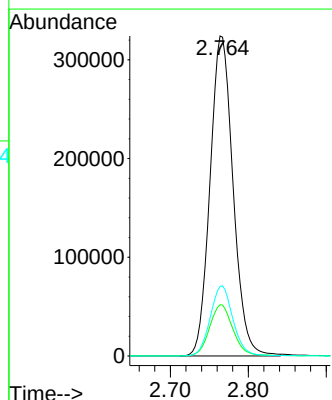
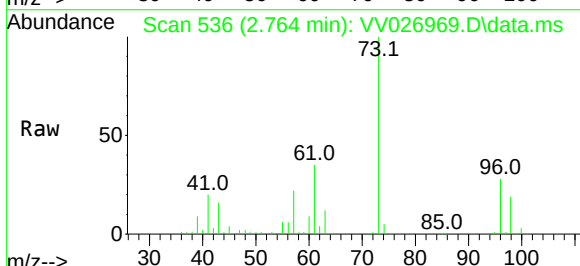
Tgt Ion: 73 Resp: 667071

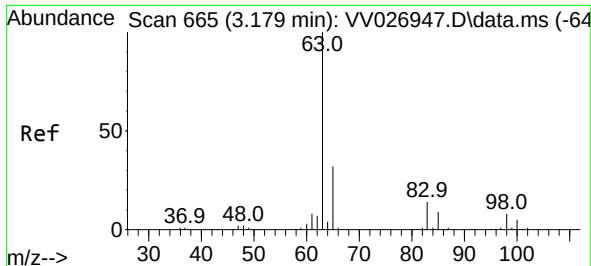
Ion Ratio Lower Upper

73 100

43 16.2 12.8 19.2

57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 49.780 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MSD

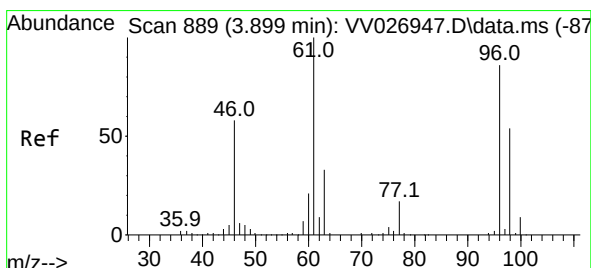
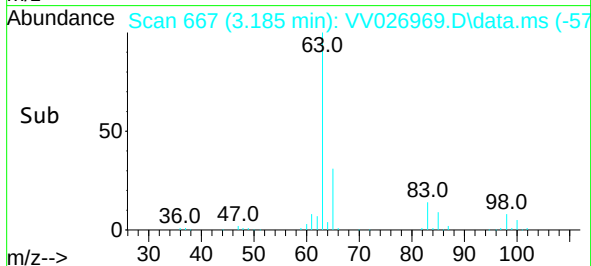
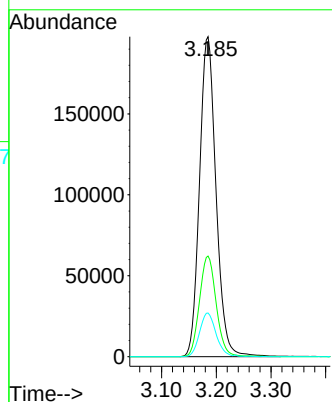
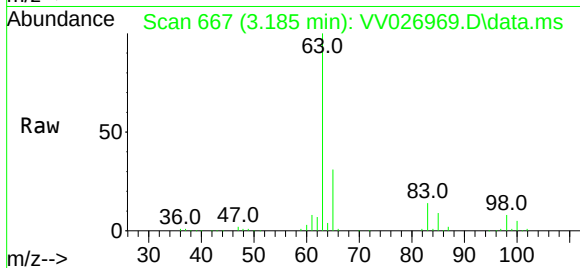
Tgt Ion: 63 Resp: 413611

Ion Ratio Lower Upper

63 100

65 31.5 22.6 42.0

83 13.7 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 50.789 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

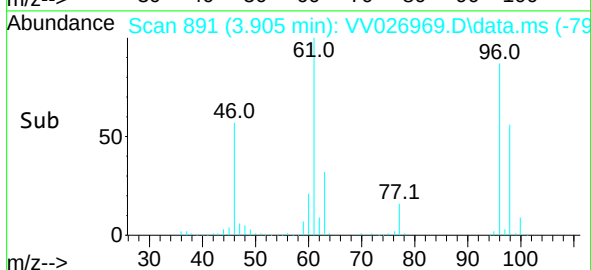
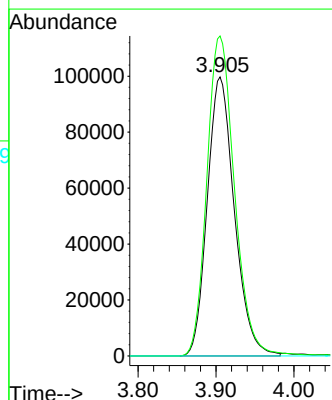
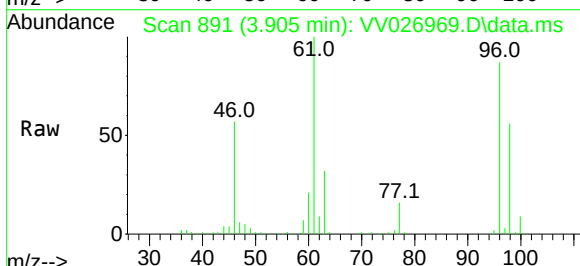
Tgt Ion: 96 Resp: 241479

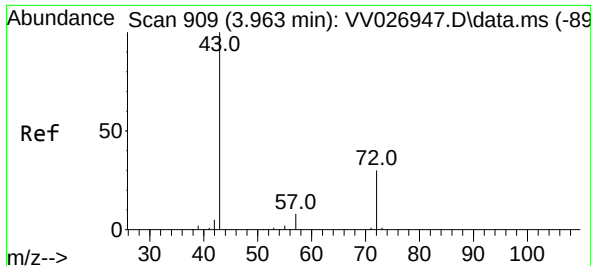
Ion Ratio Lower Upper

96 100

61 114.7 83.0 154.1

68 0.0 0.0 0.0

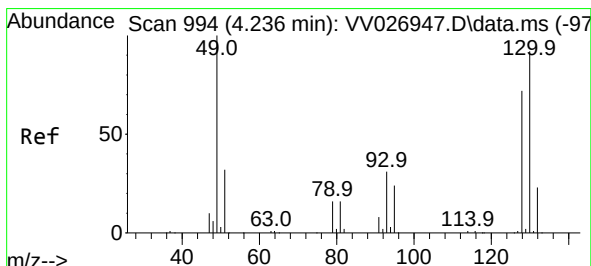
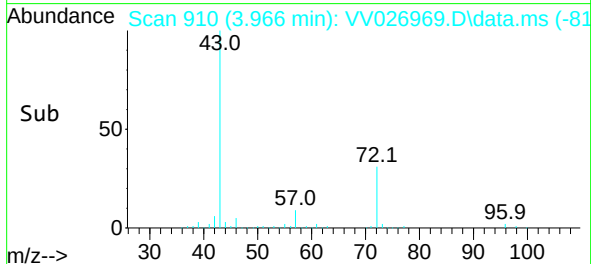
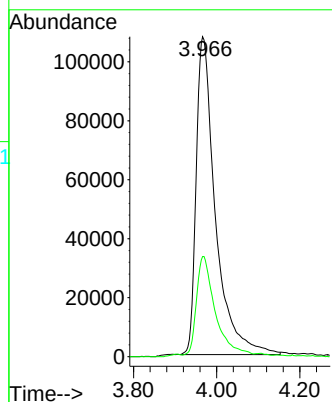
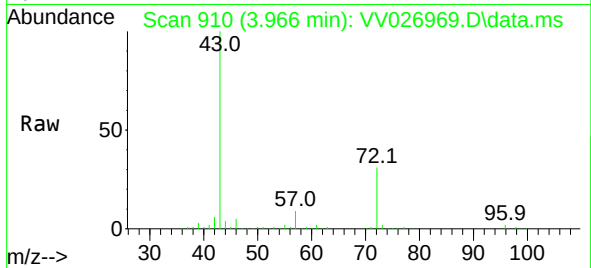




#22
2-Butanone
Concen: 115.909 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.003 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

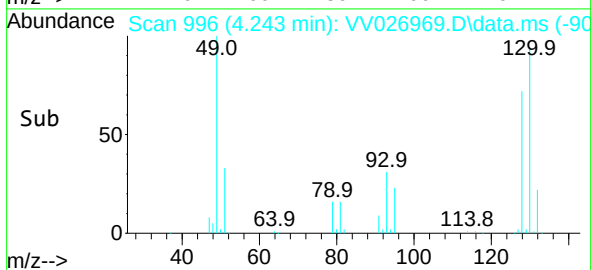
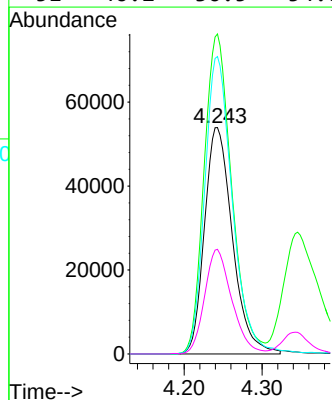
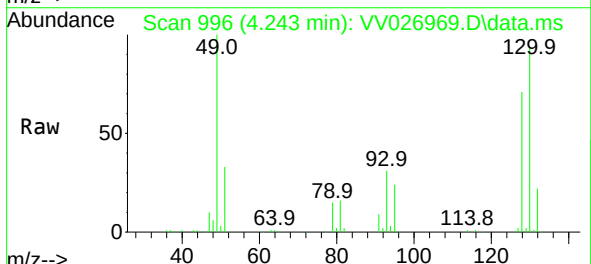
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MSD

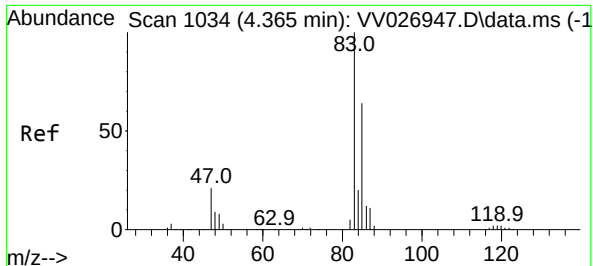
Tgt Ion: 43 Resp: 346515
Ion Ratio Lower Upper
43 100
72 30.2 14.9 44.5



#23
Bromochloromethane
Concen: 49.400 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.006 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Tgt Ion:128 Resp: 134491
Ion Ratio Lower Upper
128 100
49 141.3 101.0 187.6
130 131.4 90.0 167.2
51 46.2 36.5 54.7





#25

Chloroform

Concen: 49.282 ug/L

RT: 4.368 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

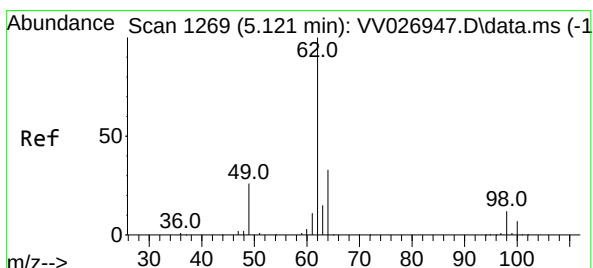
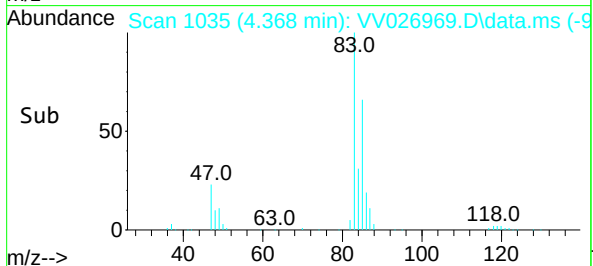
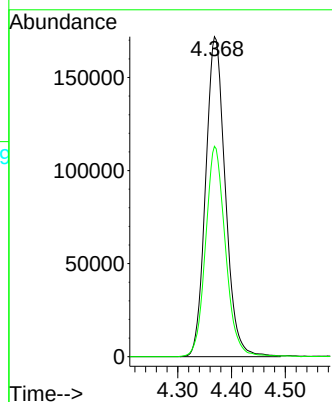
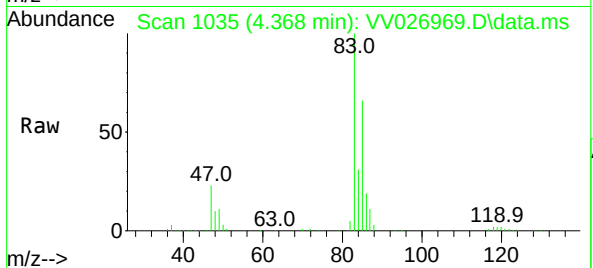
DBUP2MSD

Tgt Ion: 83 Resp: 436719

Ion Ratio Lower Upper

83 100

85 65.8 45.8 85.0



#27

1,2-Dichloroethane

Concen: 48.618 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV026969.D

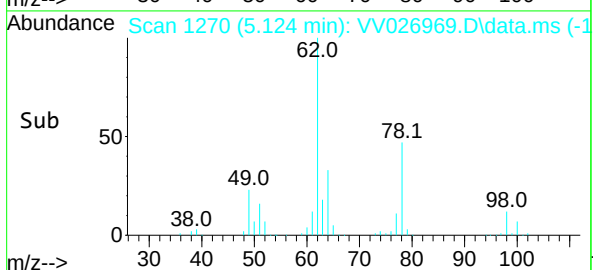
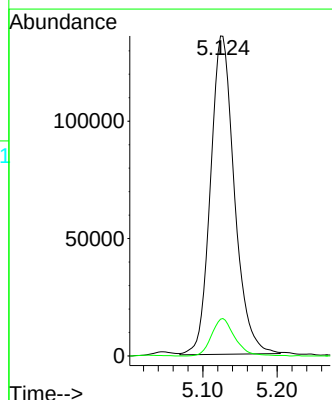
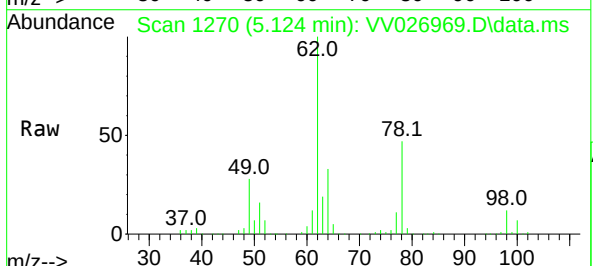
Acq: 26 Jul 2022 22:28

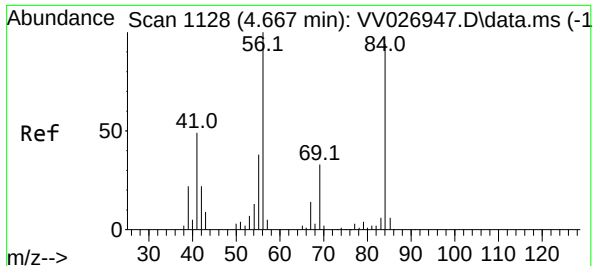
Tgt Ion: 62 Resp: 304015

Ion Ratio Lower Upper

62 100

98 11.5 8.9 13.3





#29

Cyclohexane

Concen: 51.111 ug/L

RT: 4.674 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MSD

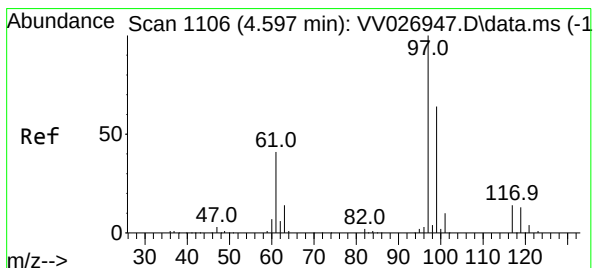
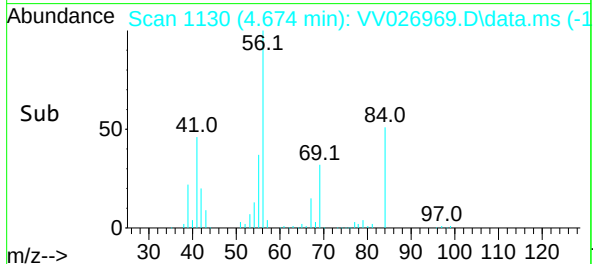
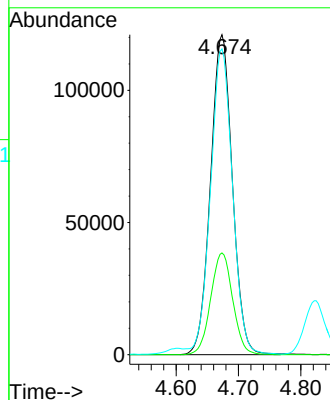
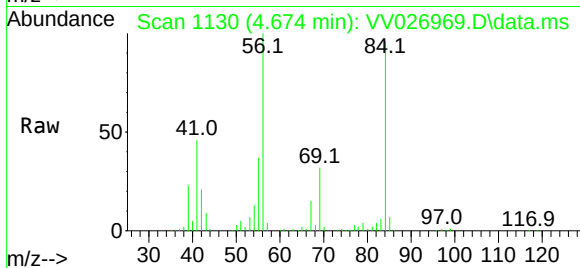
Tgt Ion: 56 Resp: 294969

Ion Ratio Lower Upper

56 100

69 32.0 25.7 38.5

84 96.1 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 51.155 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

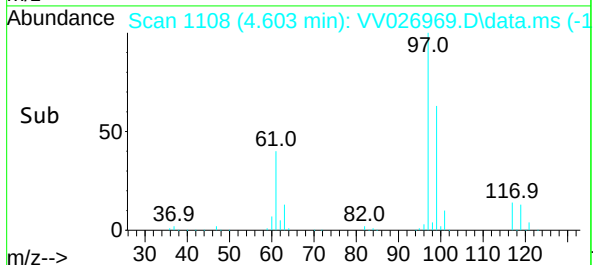
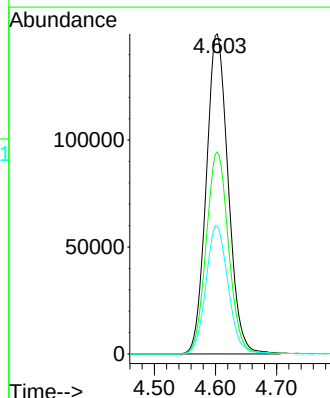
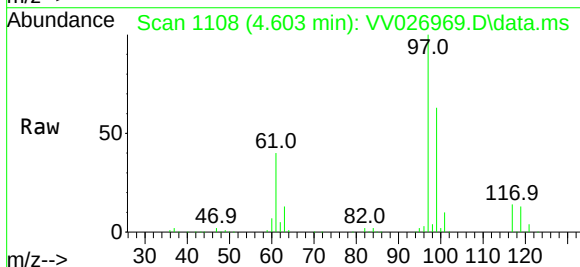
Tgt Ion: 97 Resp: 373004

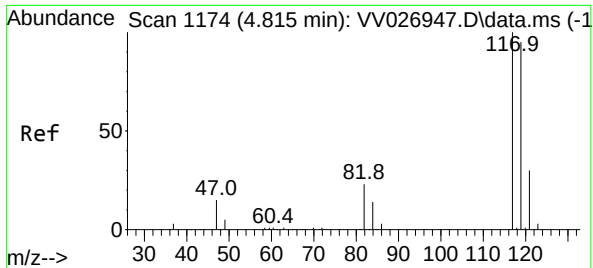
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 40.8 33.1 49.7

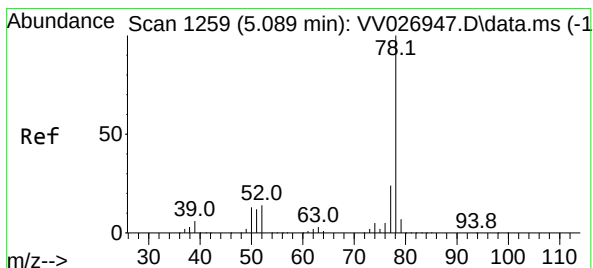
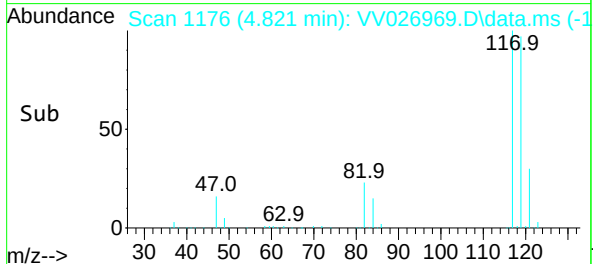
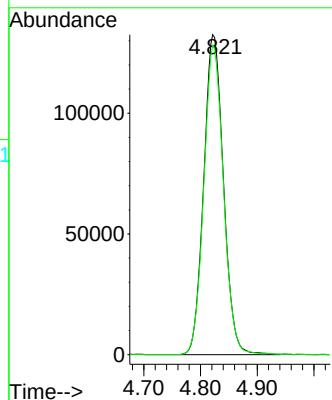
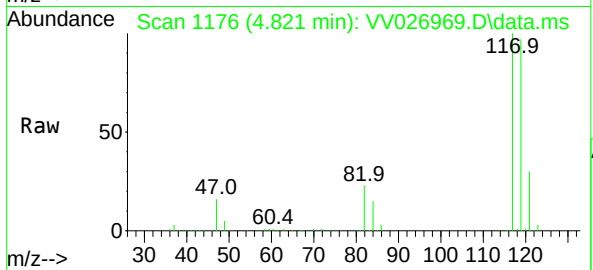




#31
Carbon tetrachloride
Concen: 50.248 ug/L
RT: 4.821 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

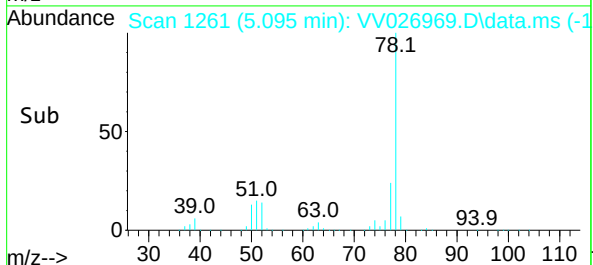
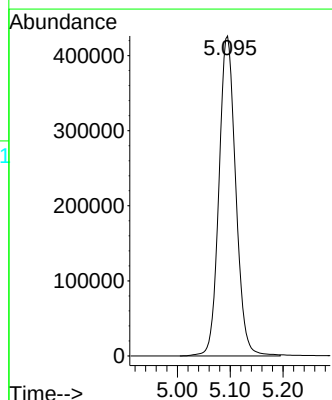
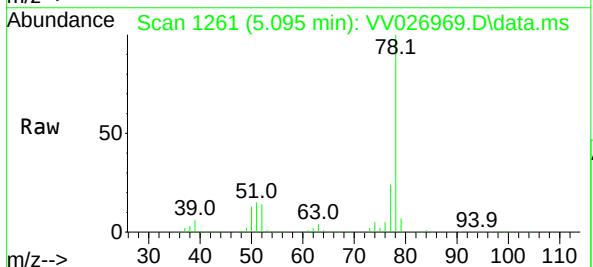
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MSD

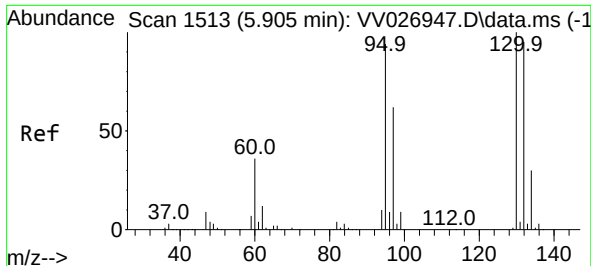
Tgt Ion:117 Resp: 320800
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9



#33
Benzene
Concen: 52.969 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Tgt Ion: 78 Resp: 940114

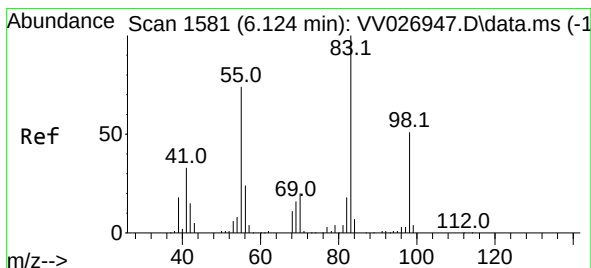
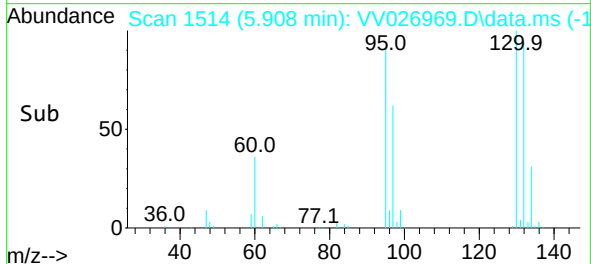
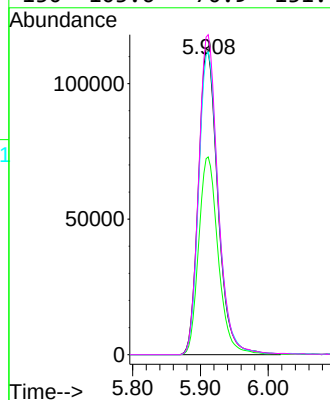
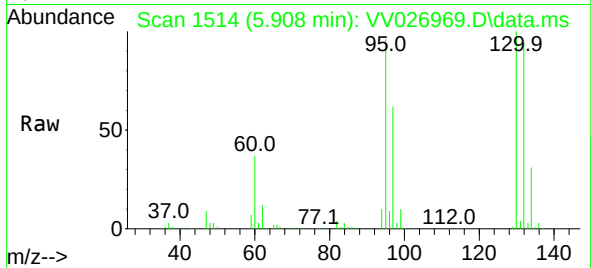




#34
Trichloroethene
Concen: 49.407 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

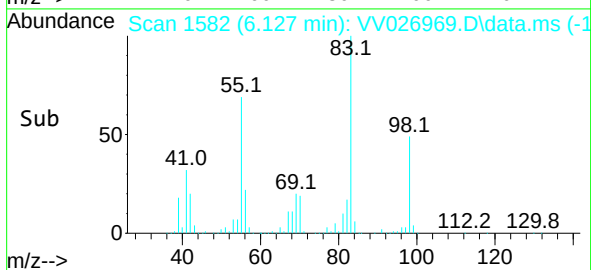
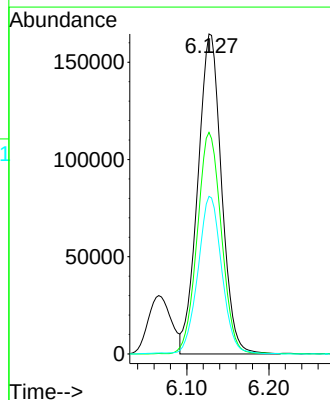
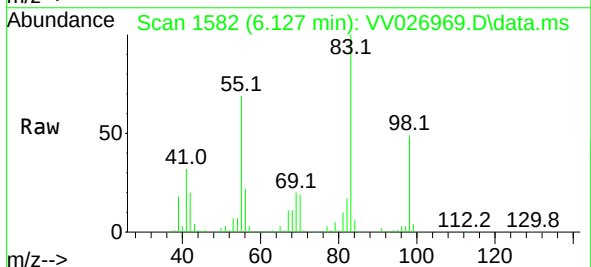
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MSD

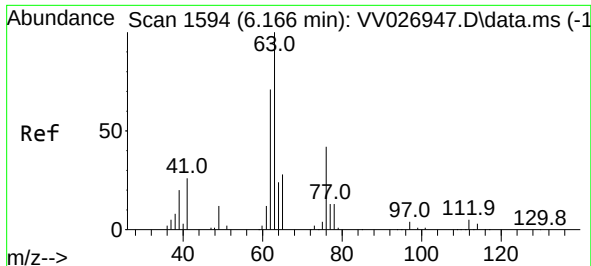
Tgt Ion: 95 Resp: 225336
Ion Ratio Lower Upper
95 100
97 64.0 45.9 85.3
132 97.5 68.1 126.5
130 103.6 70.9 131.7



#35
Methylcyclohexane
Concen: 48.956 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Tgt Ion: 83 Resp: 330592
Ion Ratio Lower Upper
83 100
55 70.0 57.4 86.2
98 49.4 39.4 59.0





#37

1,2-Dichloropropane

Concen: 53.471 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

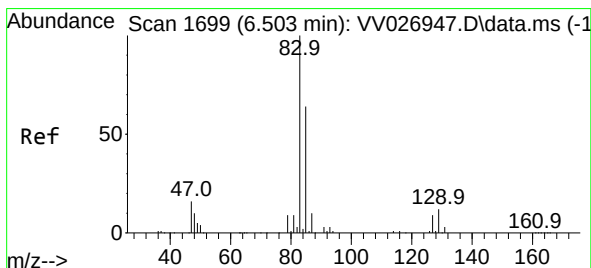
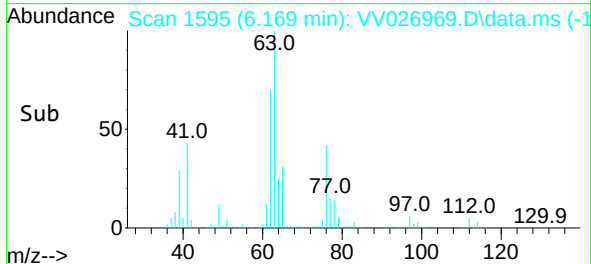
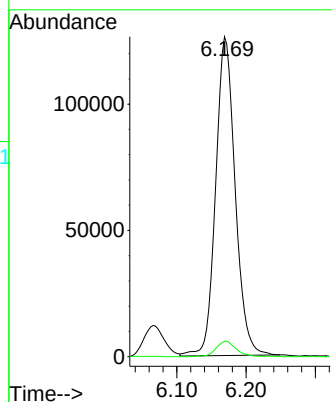
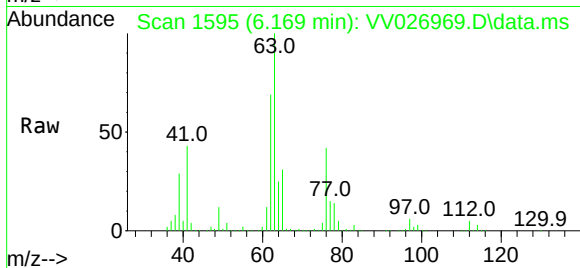
DBUP2MSD

Tgt Ion: 63 Resp: 246996

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 50.507 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

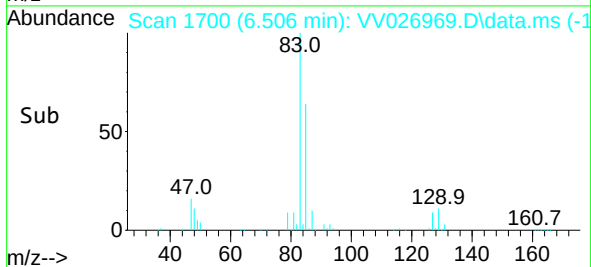
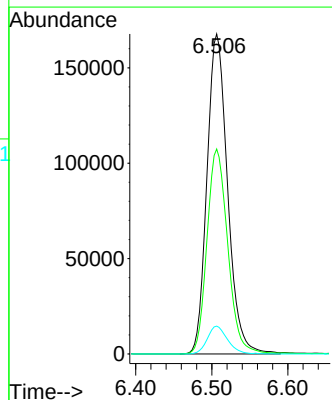
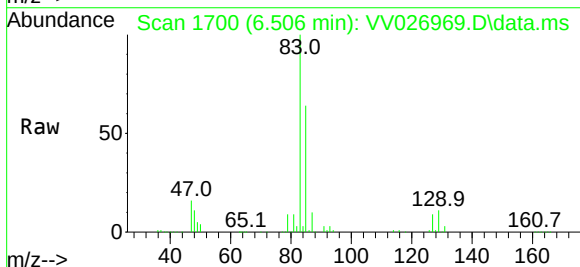
Tgt Ion: 83 Resp: 316231

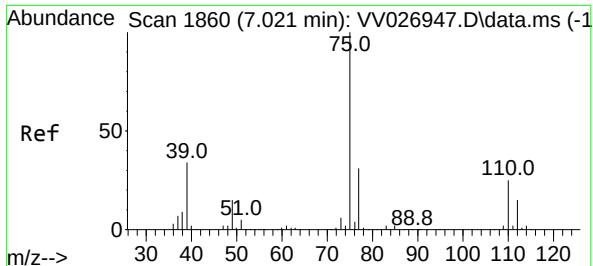
Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.9

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 52.073 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

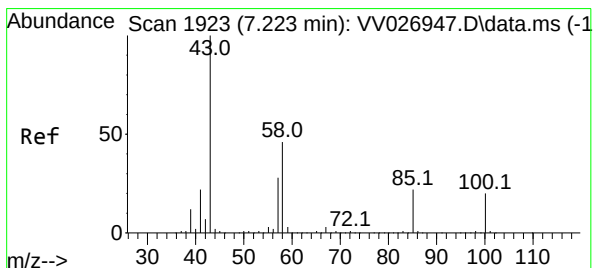
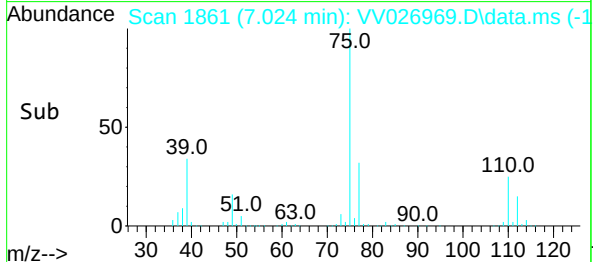
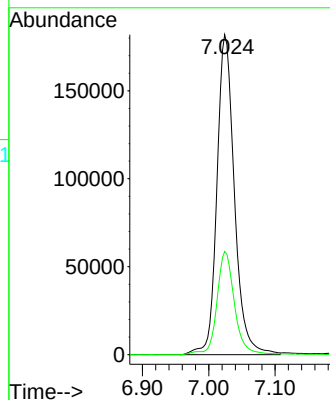
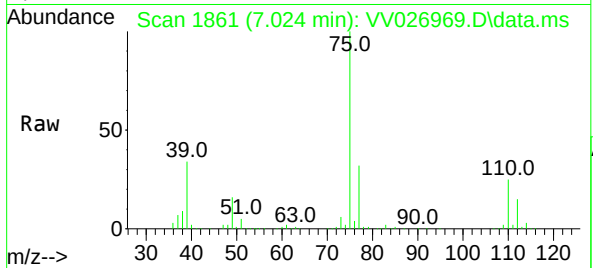
DBUP2MSD

Tgt Ion: 75 Resp: 333832

Ion Ratio Lower Upper

75 100

77 32.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 115.575 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

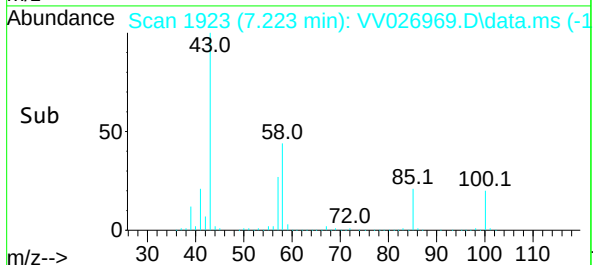
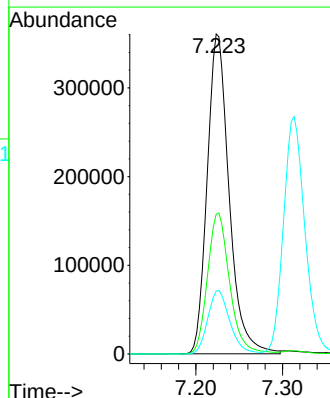
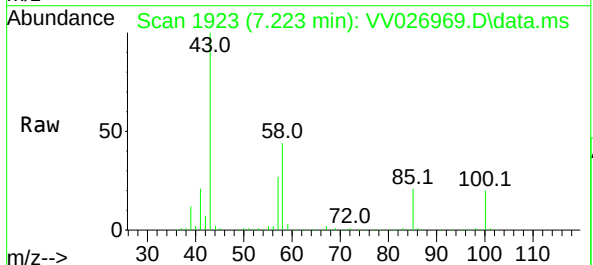
Tgt Ion: 43 Resp: 635336

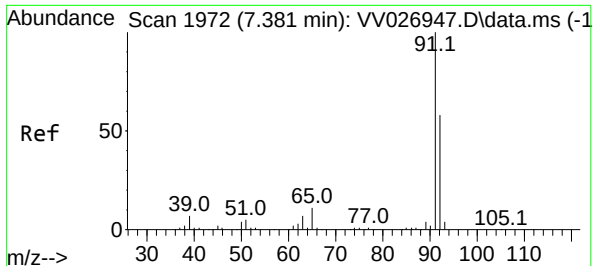
Ion Ratio Lower Upper

43 100

58 44.5 35.0 52.6

100 19.9 15.4 23.0





#42

Toluene

Concen: 55.326 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

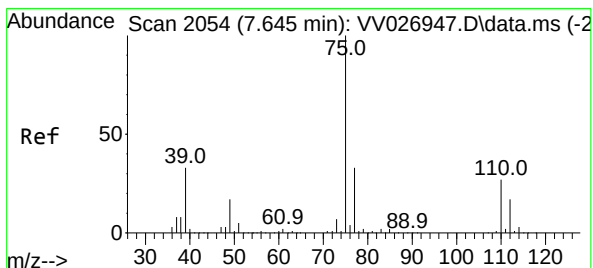
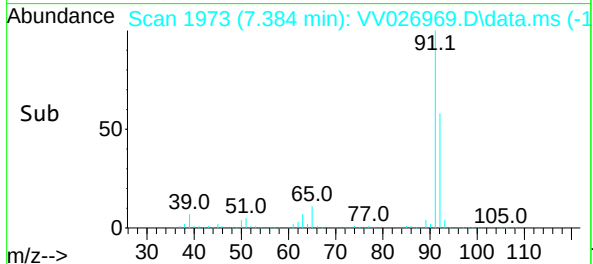
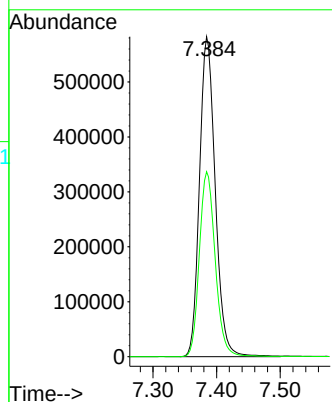
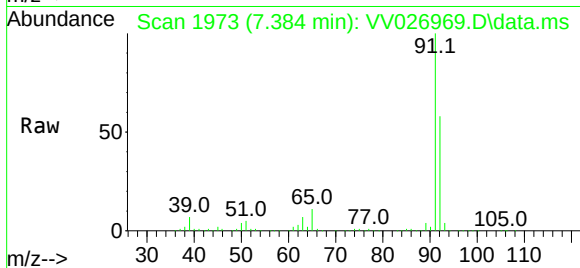
DBUP2MSD

Tgt Ion: 91 Resp: 1002278

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 51.088 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV026969.D

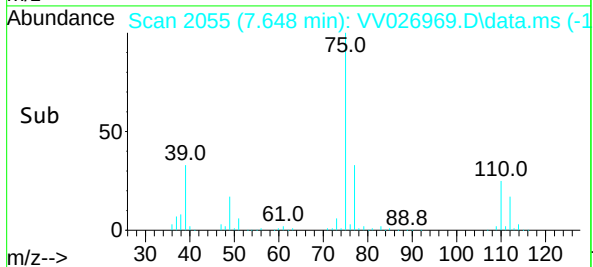
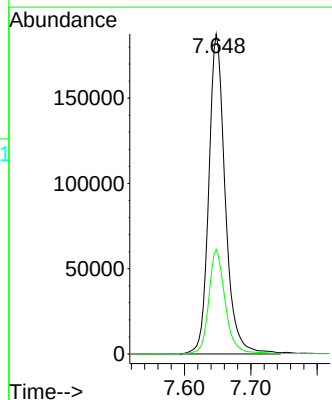
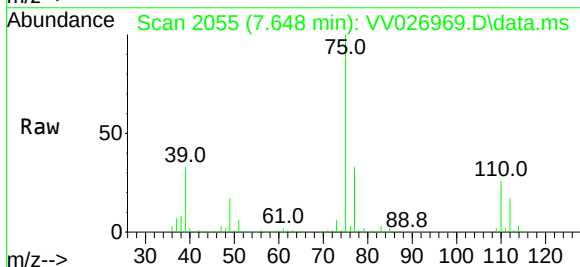
Acq: 26 Jul 2022 22:28

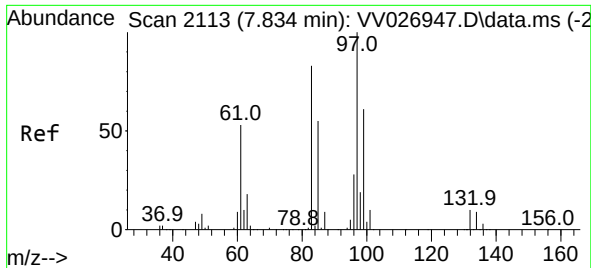
Tgt Ion: 75 Resp: 322983

Ion Ratio Lower Upper

75 100

77 32.7 21.3 39.6



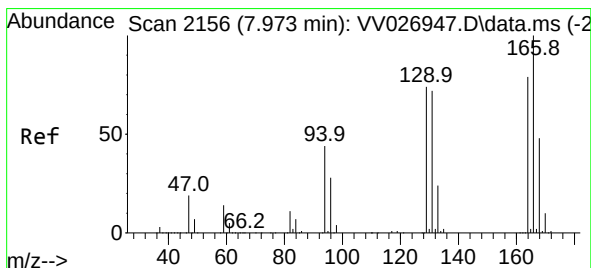
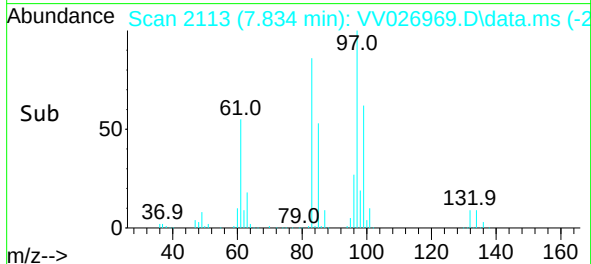
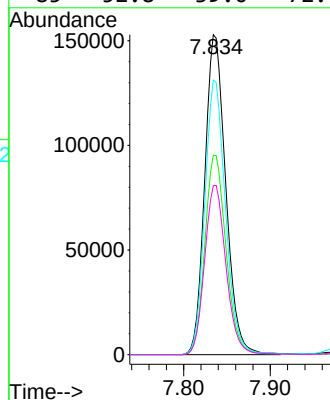
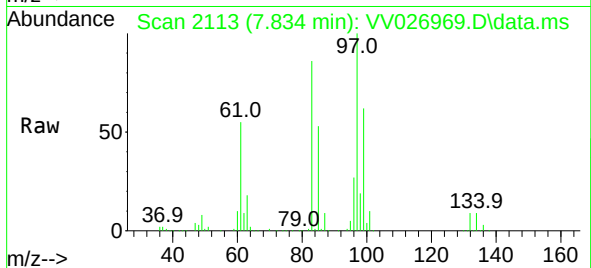


#45
1,1,2-Trichloroethane
Concen: 52.360 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Instrument :
MSVOA_V
ClientSampleId :
DBUP2MSD

Tgt Ion: 97 Resp: 257572

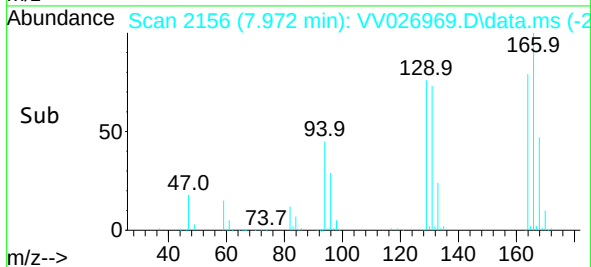
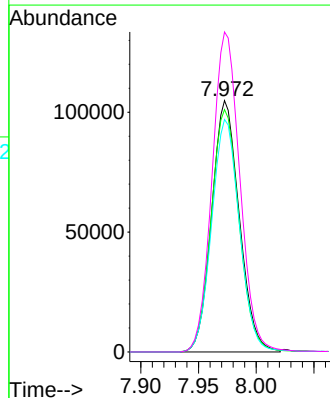
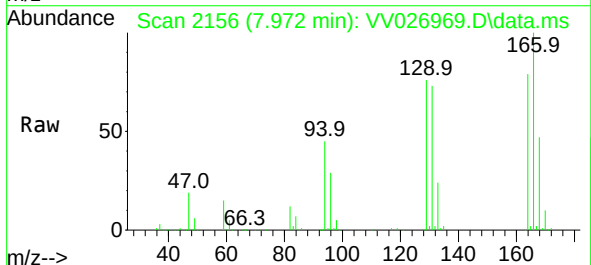
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.0	81.8
83	85.8	59.9	111.3
85	52.8	39.0	72.4

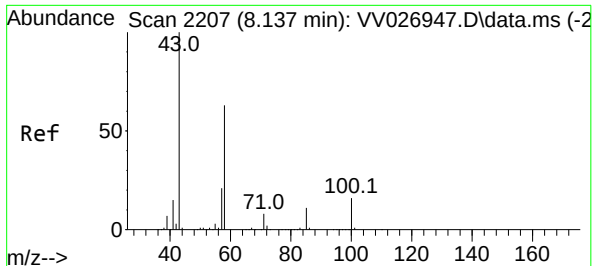


#46
Tetrachloroethene
Concen: 48.957 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Tgt Ion: 164 Resp: 174176

Ion	Ratio	Lower	Upper
164	100		
129	96.4	66.3	123.1
131	92.5	63.1	117.3
166	127.3	86.2	160.2

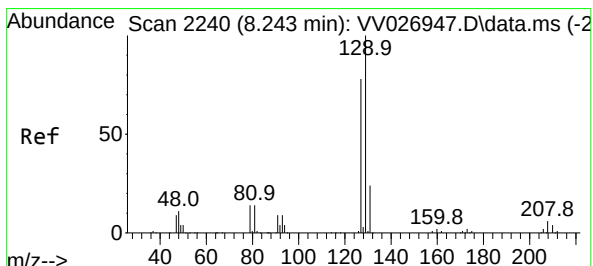
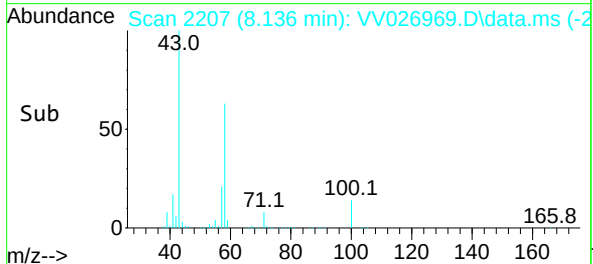
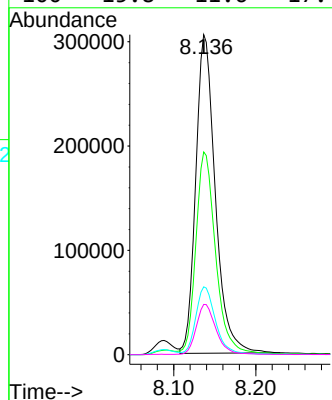
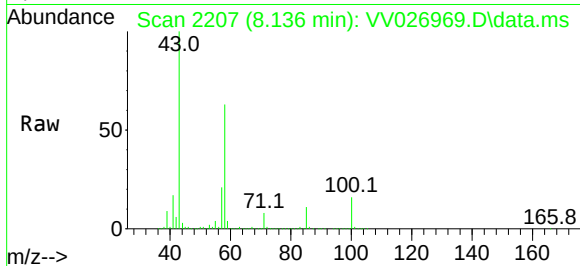




#48
2-Hexanone
Concen: 118.289 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

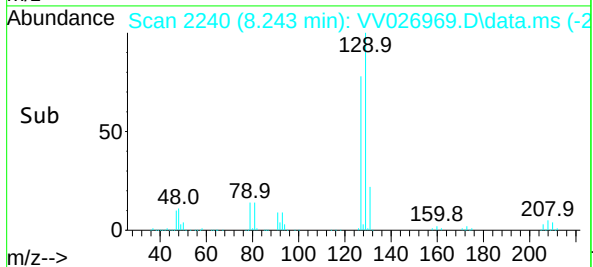
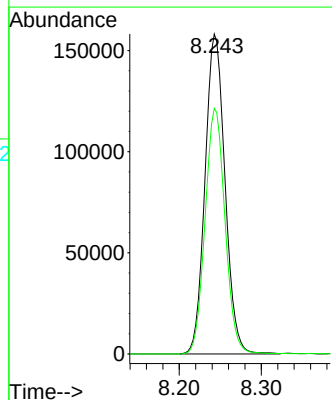
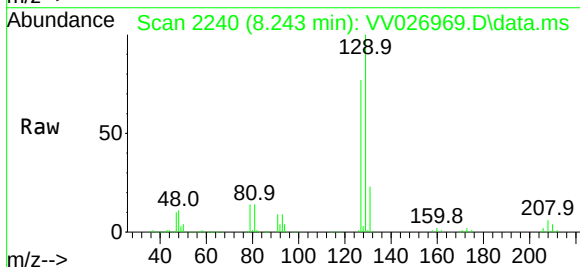
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MSD

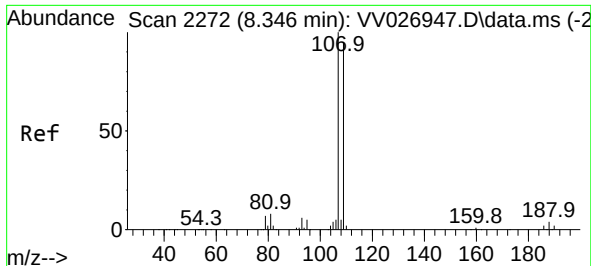
Tgt Ion: 43 Resp: 506092
Ion Ratio Lower Upper
43 100
58 64.2 48.8 73.2
57 21.7 16.6 24.8
100 15.8 11.6 17.4



#49
Dibromochloromethane
Concen: 52.031 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Tgt Ion: 129 Resp: 267522
Ion Ratio Lower Upper
129 100
127 76.8 53.7 99.7





#50

1,2-Dibromoethane

Concen: 52.479 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MSD

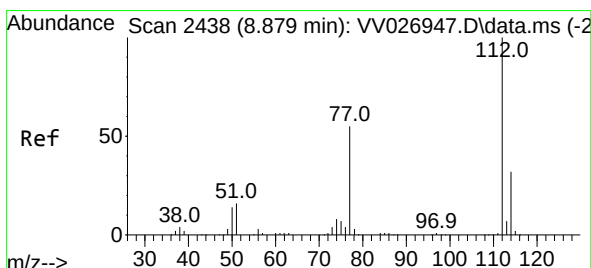
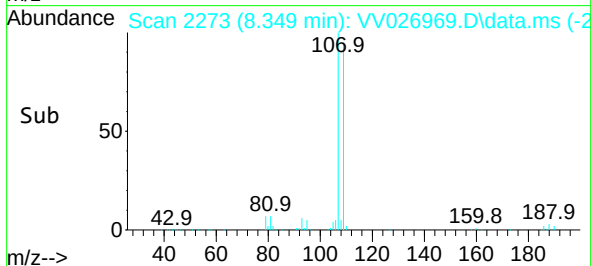
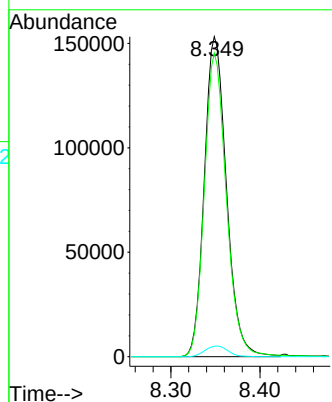
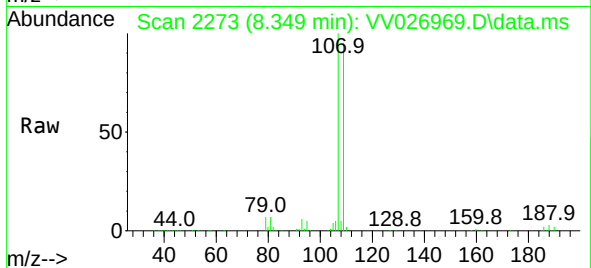
Tgt Ion:107 Resp: 264122

Ion Ratio Lower Upper

107 100

109 94.9 64.9 120.5

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 50.988 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

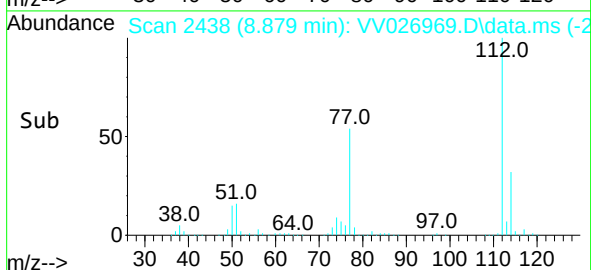
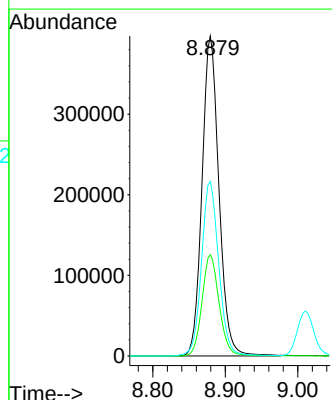
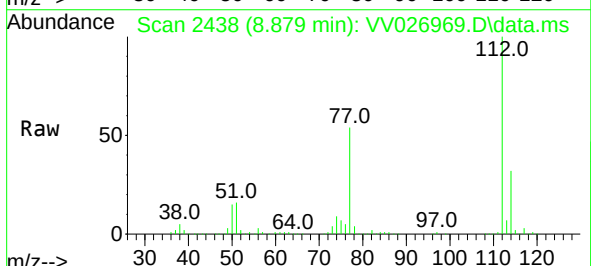
Tgt Ion:112 Resp: 643843

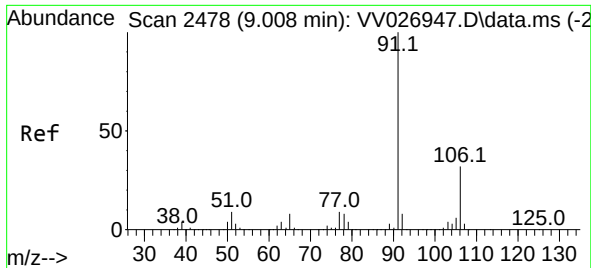
Ion Ratio Lower Upper

112 100

114 31.7 22.7 42.1

77 54.5 44.4 66.6

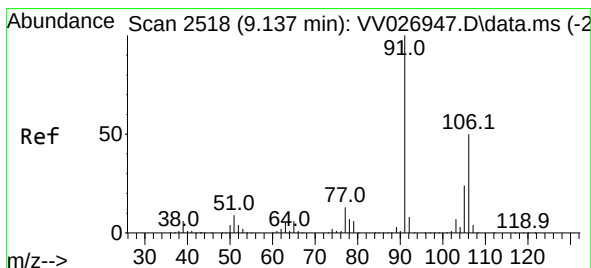
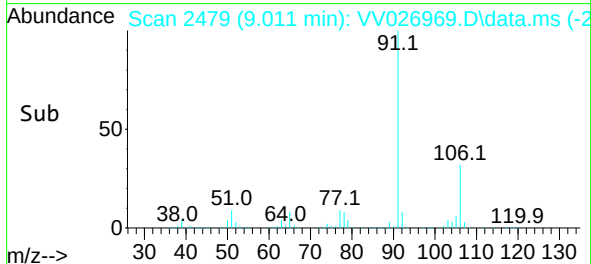
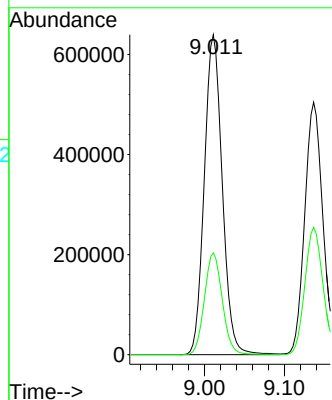
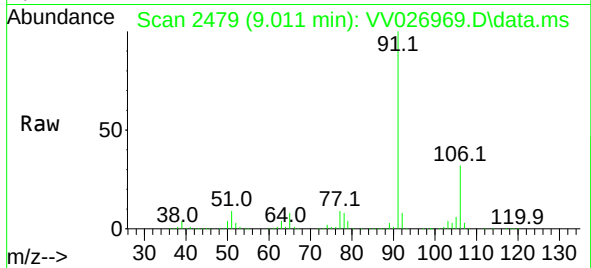




#52
Ethylbenzene
Concen: 53.256 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

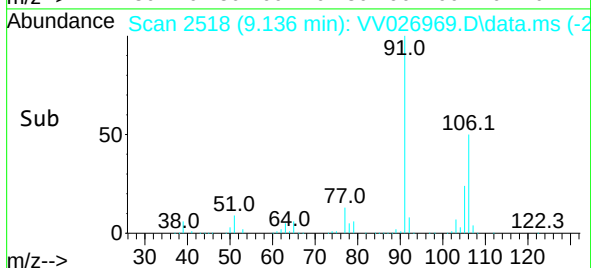
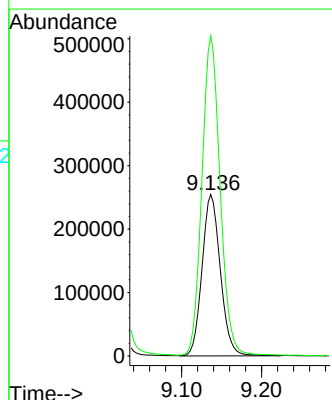
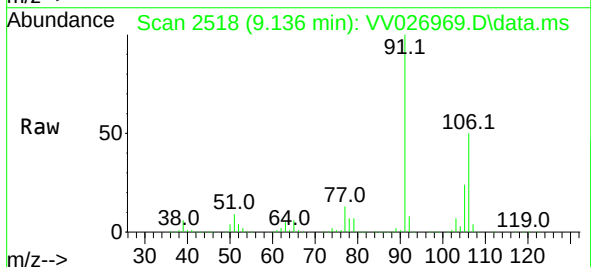
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MSD

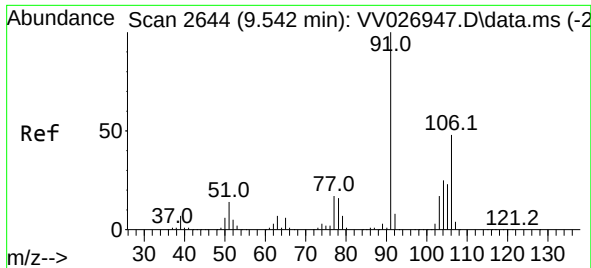
Tgt Ion: 91 Resp: 1001427
Ion Ratio Lower Upper
91 100
106 31.9 22.0 40.8



#53
m,p-Xylene
Concen: 54.952 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Tgt Ion:106 Resp: 404603
Ion Ratio Lower Upper
106 100
91 198.2 140.0 260.0

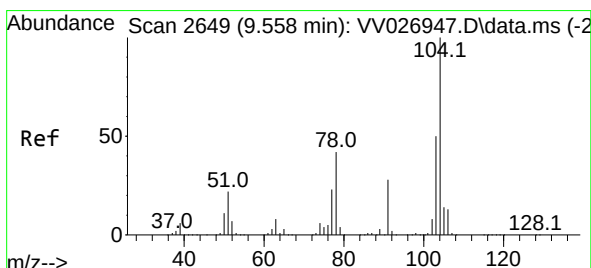
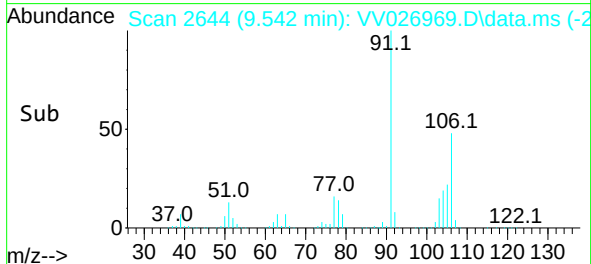
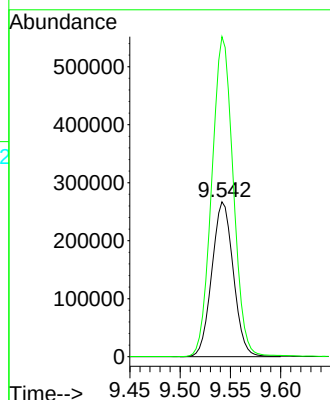
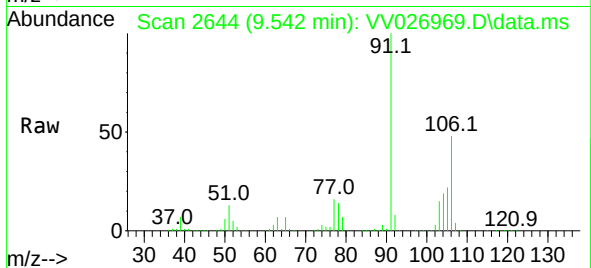




#54
o-Xylene
Concen: 55.867 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

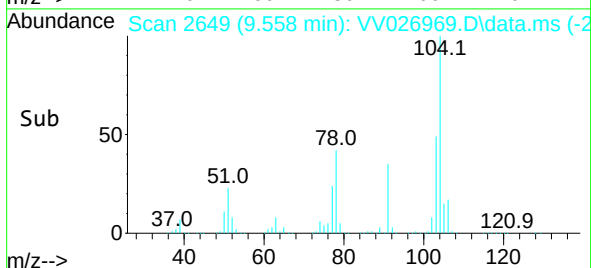
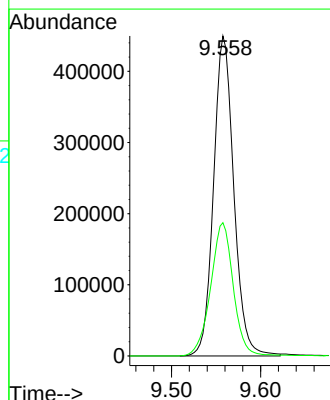
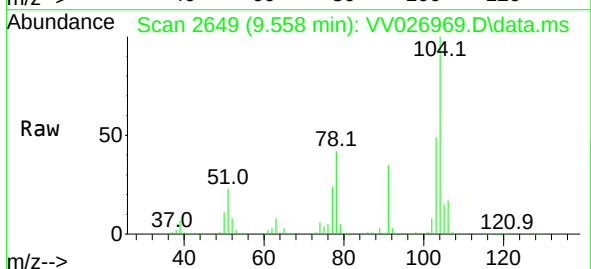
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MSD

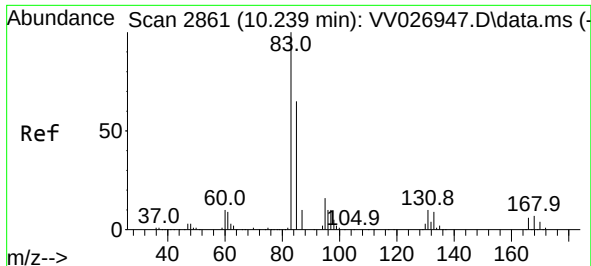
Tgt Ion:106 Resp: 396161
Ion Ratio Lower Upper
106 100
91 206.6 146.1 271.3



#55
Styrene
Concen: 56.697 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Tgt Ion:104 Resp: 710045
Ion Ratio Lower Upper
104 100
78 41.7 29.6 55.0





#57

1,1,2,2-Tetrachloroethane

Concen: 53.470 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MSD

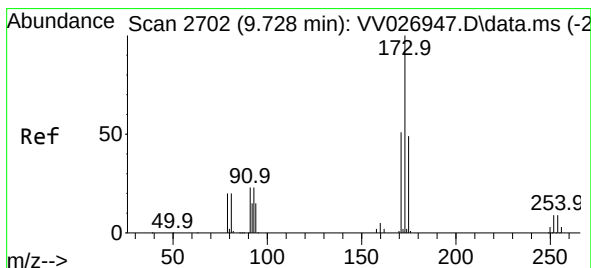
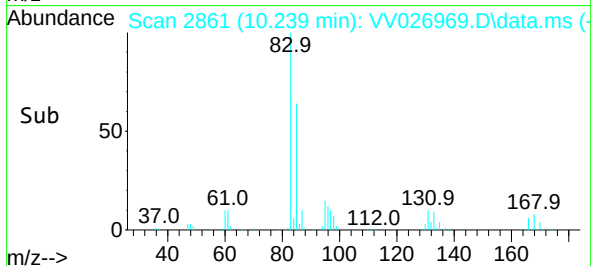
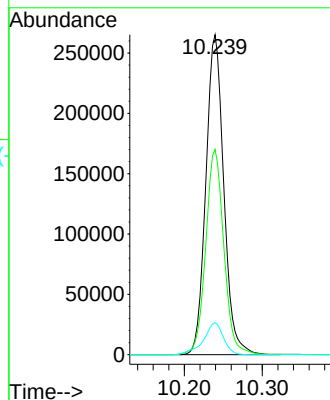
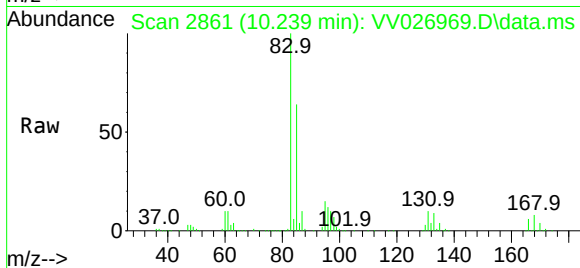
Tgt Ion: 83 Resp: 424587

Ion Ratio Lower Upper

83 100

85 64.2 45.3 84.1

131 10.0 7.8 11.6



#59

Bromoform

Concen: 53.932 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

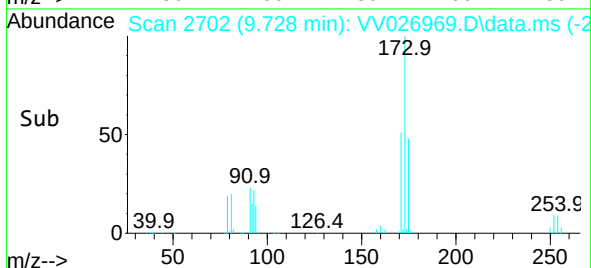
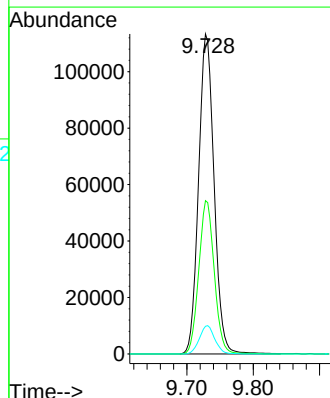
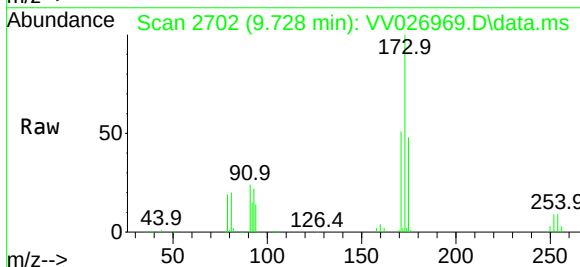
Tgt Ion: 173 Resp: 183690

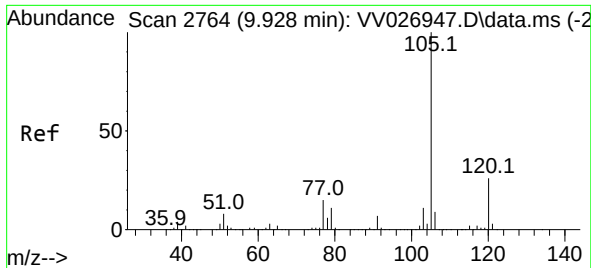
Ion Ratio Lower Upper

173 100

175 47.8 38.6 57.8

254 8.8 6.6 10.0

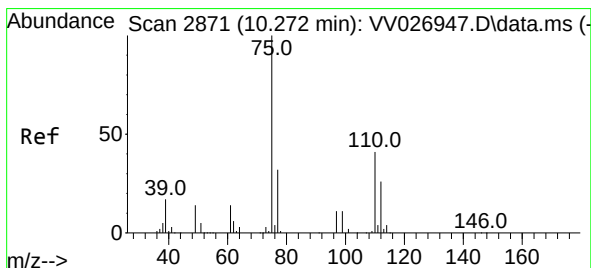
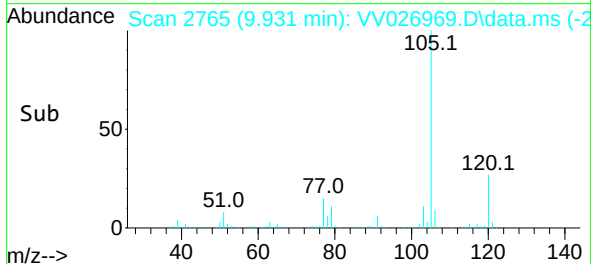
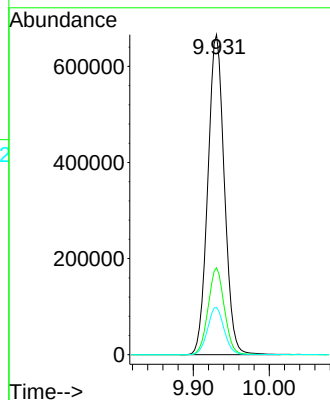
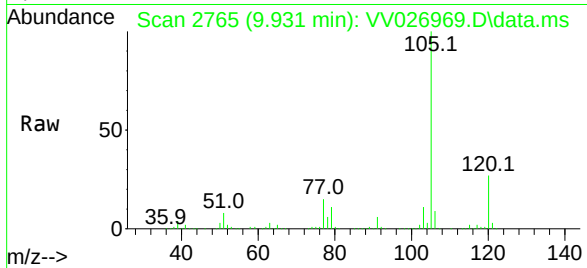




#60
Isopropylbenzene
Concen: 55.613 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

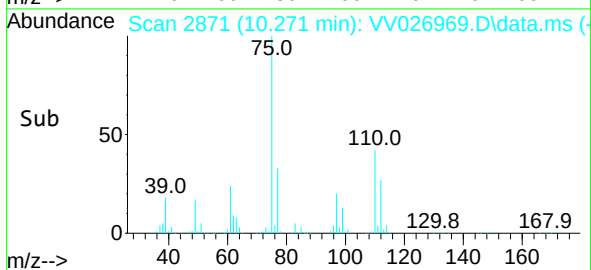
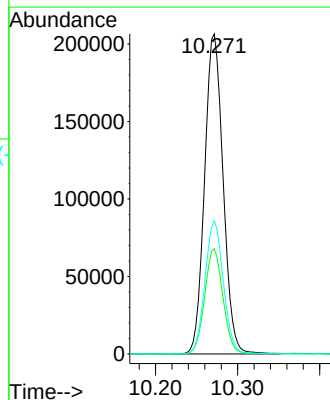
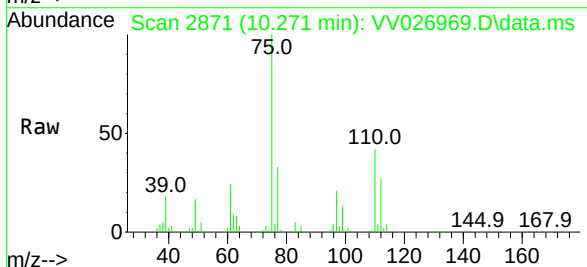
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MSD

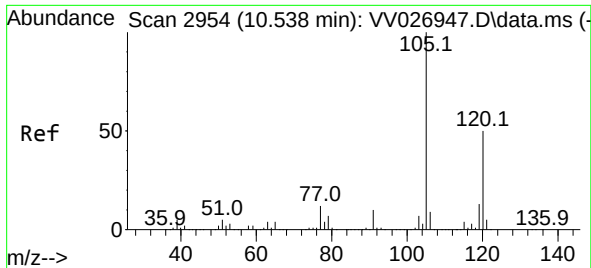
Tgt Ion:105 Resp: 1001916
Ion Ratio Lower Upper
105 100
120 26.8 21.1 31.7
77 14.7 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 53.016 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Tgt Ion: 75 Resp: 324310
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
110 41.3 31.7 47.5

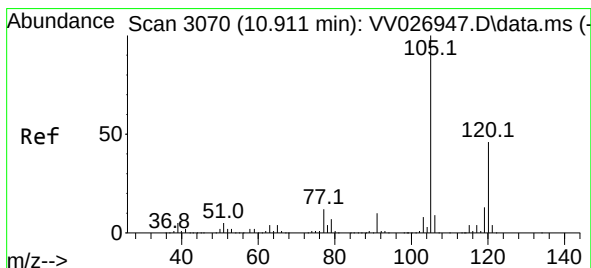
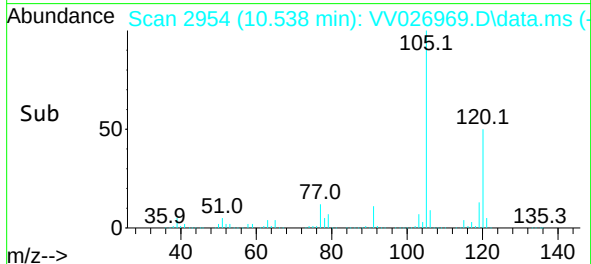
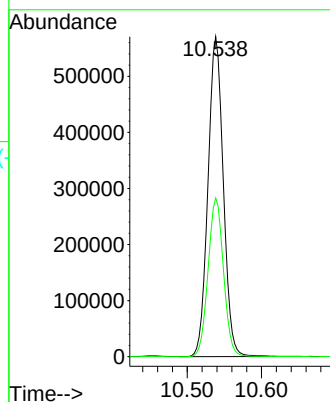
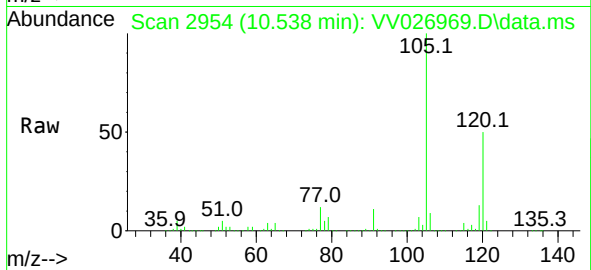




#62
 1,3,5-Trimethylbenzene
 Concen: 55.831 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026969.D
 Acq: 26 Jul 2022 22:28

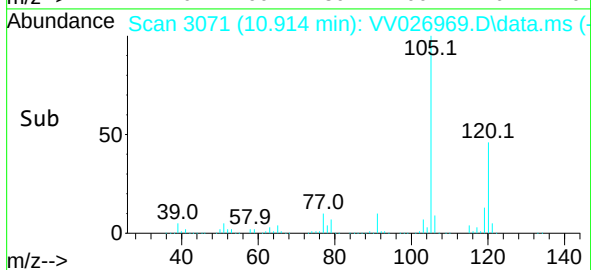
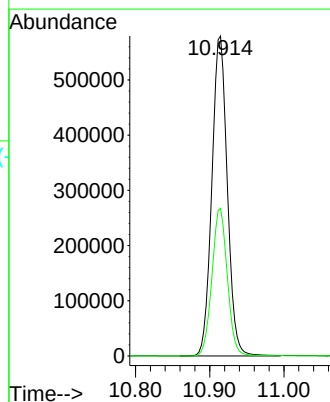
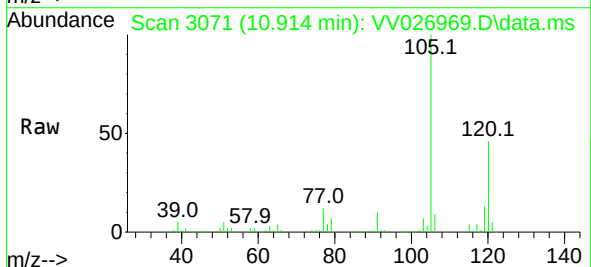
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUP2MSD

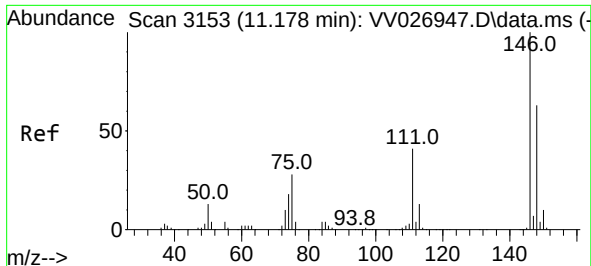
Tgt Ion:105 Resp: 817482
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 56.902 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026969.D
 Acq: 26 Jul 2022 22:28

Tgt Ion:105 Resp: 835697
 Ion Ratio Lower Upper
 105 100
 120 45.9 37.1 55.7

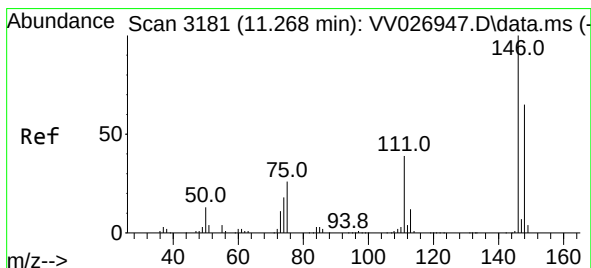
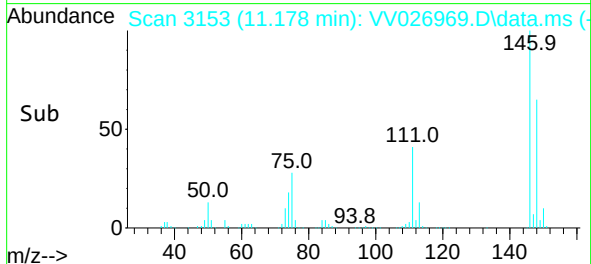
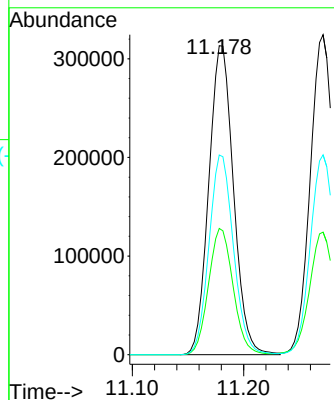
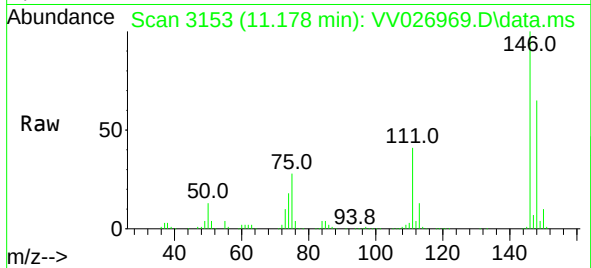




#64
1,3-Dichlorobenzene
Concen: 52.445 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

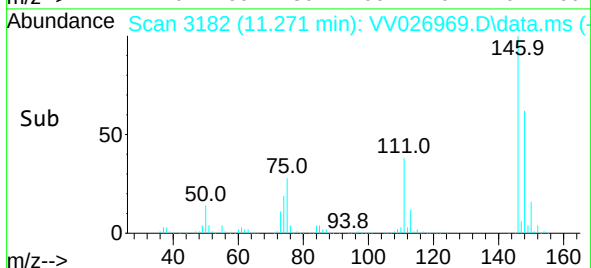
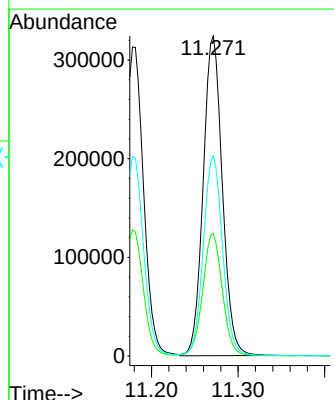
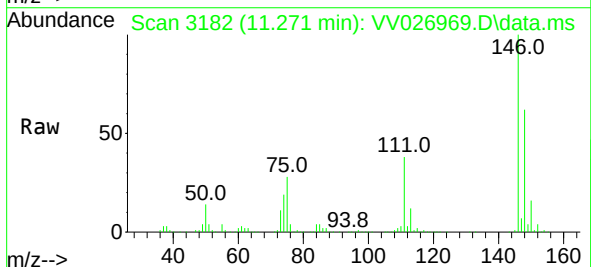
Instrument :
MSVOA_V
ClientSampleId :
DBUP2MSD

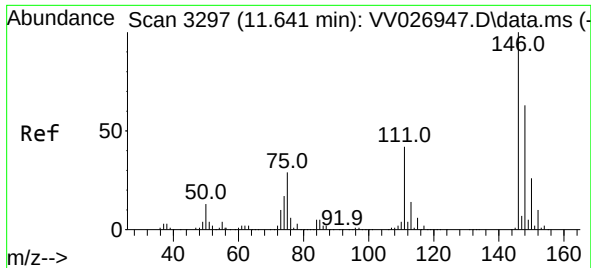
Tgt Ion:146 Resp: 482747
Ion Ratio Lower Upper
146 100
111 40.9 27.9 51.9
148 64.6 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 50.966 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026969.D
Acq: 26 Jul 2022 22:28

Tgt Ion:146 Resp: 497099
Ion Ratio Lower Upper
146 100
111 38.3 27.4 51.0
148 62.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 52.756 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MSD

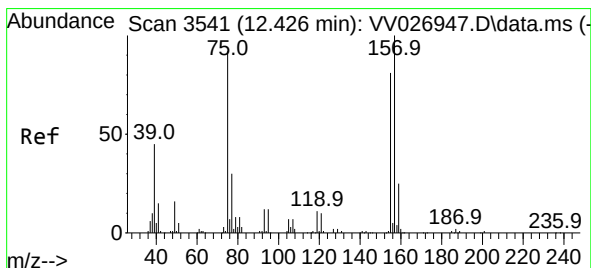
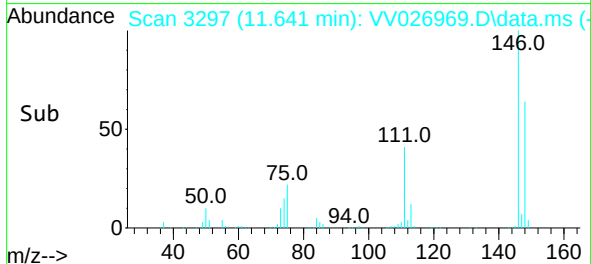
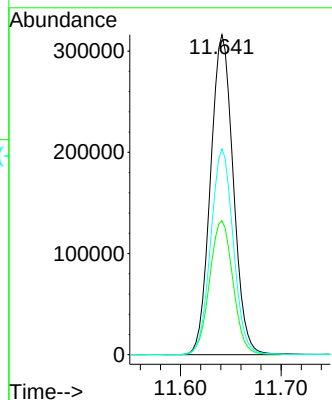
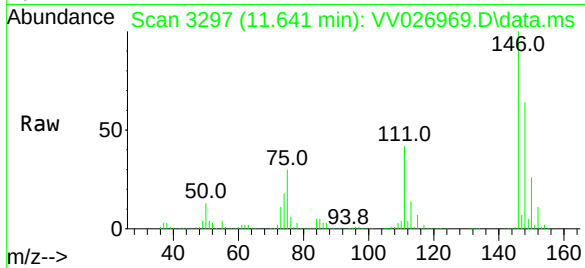
Tgt Ion:146 Resp: 498228

Ion Ratio Lower Upper

146 100

111 41.9 33.2 49.8

148 64.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 52.845 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

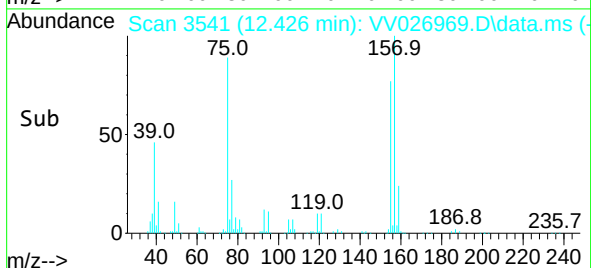
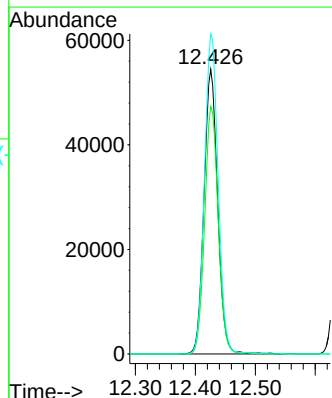
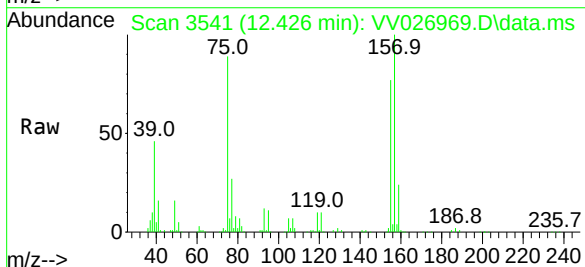
Tgt Ion: 75 Resp: 86366

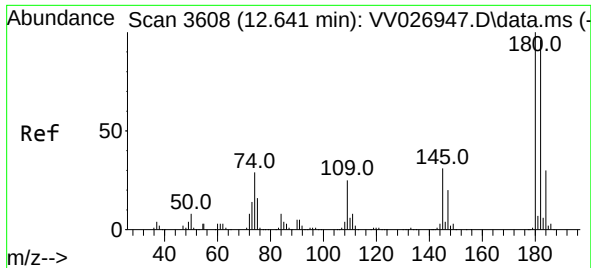
Ion Ratio Lower Upper

75 100

155 86.9 67.7 101.5

157 112.4 87.1 130.7

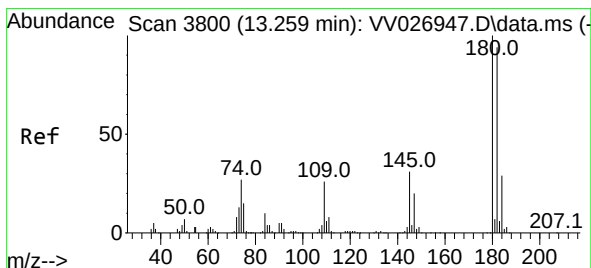
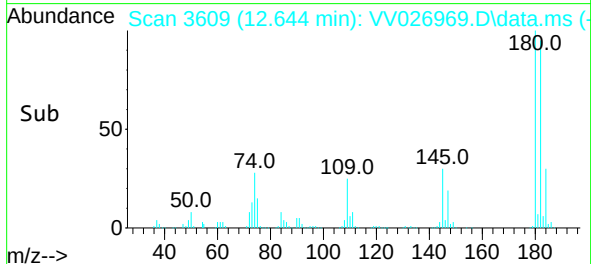
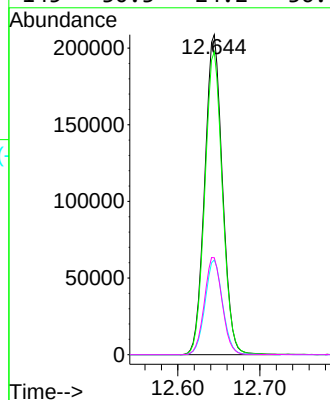
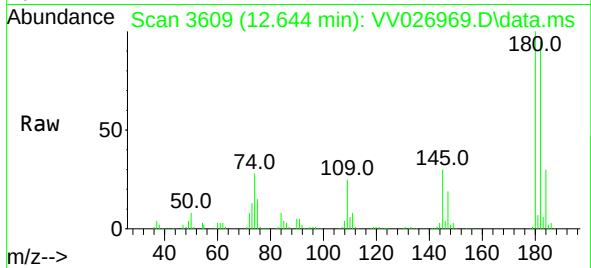




#69
 1,3,5-Trichlorobenzene
 Concen: 47.991 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV026969.D
 Acq: 26 Jul 2022 22:28

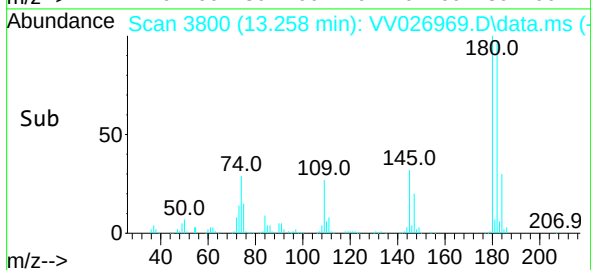
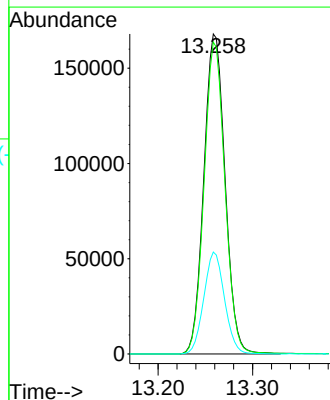
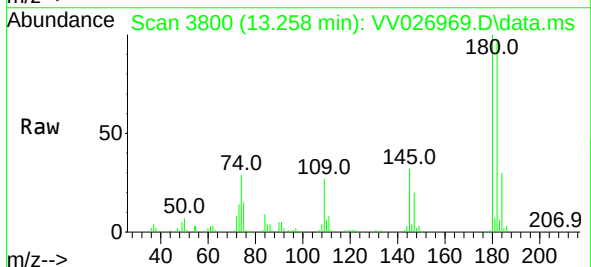
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUP2MSD

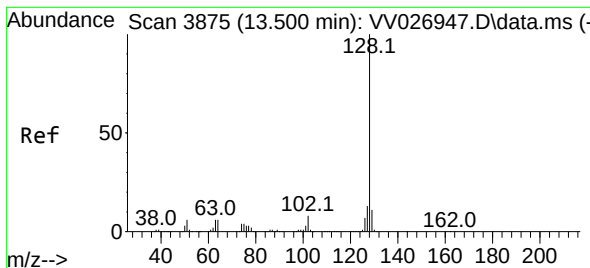
Tgt Ion:180	Resp:	312728
Ion Ratio	Lower	Upper
180	100	
182	94.4	75.6 113.4
184	29.5	23.8 35.8
145	30.3	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 47.763 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026969.D
 Acq: 26 Jul 2022 22:28

Tgt Ion:180	Resp:	262242
Ion Ratio	Lower	Upper
180	100	
182	95.6	76.2 114.4
145	31.1	25.0 37.6





#71

Naphthalene

Concen: 53.771 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Instrument :

MSVOA_V

ClientSampleId :

DBUP2MSD

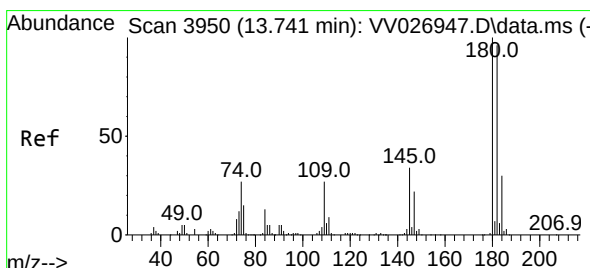
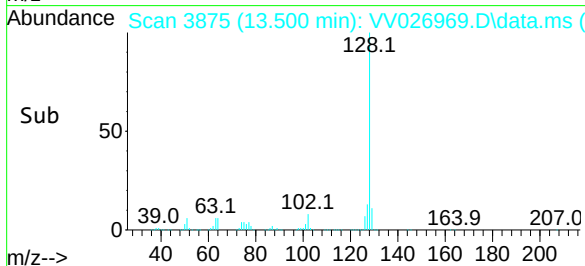
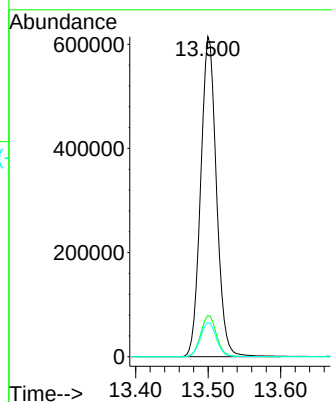
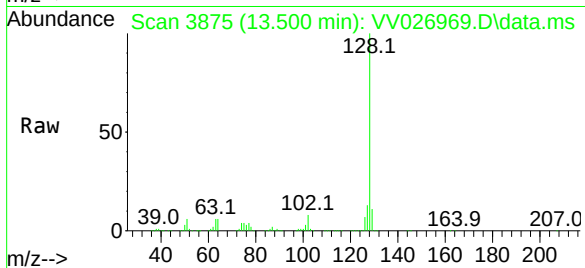
Tgt Ion:128 Resp: 928394

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 52.907 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026969.D

Acq: 26 Jul 2022 22:28

Tgt Ion:180 Resp: 303012

Ion Ratio Lower Upper

180 100

182 93.5 75.4 113.2

145 32.0 26.6 40.0

