

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026909.D
 Acq On : 23 Jul 2022 00:11
 Operator : SY/MD
 Sample : N3841-11MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4MSD

Quant Time: Jul 23 05:00:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:23:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	592307	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	584233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	322691	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	193624	38.976	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.960%
7) Chloroethane-d5	1.561	69	166121	41.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.680%
11) 1,1-Dichloroethene-d2	2.104	63	374101	41.858	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.720%
21) 2-Butanone-d5	3.883	46	350012	104.529	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.530%
24) Chloroform-d	4.342	84	438380	44.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.680%
26) 1,2-Dichloroethane-d4	5.027	65	255557	45.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.400%
32) Benzene-d6	5.046	84	858756	48.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.260%
36) 1,2-Dichloropropane-d6	6.066	67	273345	48.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.060%
41) Toluene-d8	7.313	98	776155	50.230	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.460%
43) trans-1,3-Dichloroprop...	7.619	79	111317	46.680	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.360%
47) 2-Hexanone-d5	8.085	63	272862	110.112	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.110%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	423568	48.992	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.980%
66) 1,2-Dichlorobenzene-d4	11.622	152	296692	49.008	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	258408	42.231	ug/L	99
3) Chloromethane	1.240	50	256532	44.831	ug/L	98
5) Vinyl chloride	1.307	62	273096	44.897	ug/L	98
6) Bromomethane	1.516	94	165624	45.062	ug/L	100
8) Chloroethane	1.580	64	159684	44.676	ug/L	97
9) Trichlorofluoromethane	1.748	101	365055	43.546	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	207202	42.261	ug/L	99
12) 1,1-Dichloroethene	2.114	96	202980	44.322	ug/L	92
13) Acetone	2.175	43	229295	97.525	ug/L	99
14) Carbon disulfide	2.288	76	584470	44.730	ug/L	99
15) Methyl Acetate	2.429	43	221480	42.708	ug/L	100
16) Methylene chloride	2.500	84	259002	44.367	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	223199	46.124	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	681656	50.708	ug/L	100
19) 1,1-Dichloroethane	3.185	63	416102	46.689	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	247241	48.480	ug/L	99
22) 2-Butanone	3.966	43	340799	106.279	ug/L	100
23) Bromochloromethane	4.243	128	136237	46.653	ug/L	99
25) Chloroform	4.368	83	438396	46.122	ug/L	98

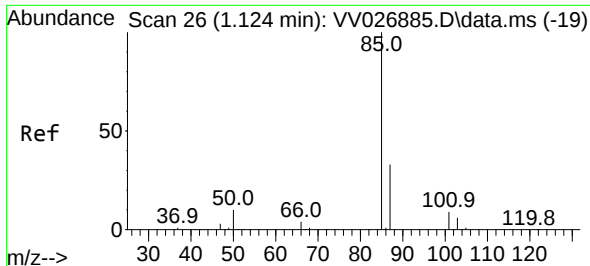
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026909.D
 Acq On : 23 Jul 2022 00:11
 Operator : SY/MD
 Sample : N3841-11MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4MSD

Quant Time: Jul 23 05:00:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:23:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	310346	46.270	ug/L	100
29) Cyclohexane	4.673	56	311482	50.984	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	375949	48.704	ug/L	99
31) Carbon tetrachloride	4.821	117	321375	47.551	ug/L	99
33) Benzene	5.095	78	968430	51.544	ug/L	100
34) Trichloroethene	5.911	95	228323	47.291	ug/L	98
35) Methylcyclohexane	6.127	83	348054	48.688	ug/L	99
37) 1,2-Dichloropropane	6.169	63	251391	51.409	ug/L	100
38) Bromodichloromethane	6.506	83	317949	47.970	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	323316	47.641	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	650392	111.764	ug/L	99
42) Toluene	7.384	91	1001768	52.237	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	316640	47.312	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	254756	48.921	ug/L	99
46) Tetrachloroethene	7.972	164	174960	46.455	ug/L	96
48) 2-Hexanone	8.136	43	501788	110.790	ug/L	96
49) Dibromochloromethane	8.242	129	261508	48.046	ug/L	99
50) 1,2-Dibromoethane	8.349	107	264851	49.710	ug/L	98
51) Chlorobenzene	8.879	112	648312	48.500	ug/L	99
52) Ethylbenzene	9.011	91	1021231	51.302	ug/L	100
53) m,p-Xylene	9.136	106	402409	51.629	ug/L	99
54) o-Xylene	9.541	106	396568	52.828	ug/L	99
55) Styrene	9.558	104	718637	54.206	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	423356	50.363	ug/L	99
59) Bromoform	9.728	173	174259	48.335	ug/L	99
60) Isopropylbenzene	9.931	105	1014666	53.208	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	323987	50.035	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	829633	53.529	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	843414	54.253	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	482752	49.547	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	490413	47.502	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	498622	49.879	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	84608	48.907	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	316983	45.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	275808	47.457	ug/L	99
71) Naphthalene	13.500	128	1032407	56.490	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	306453	50.550	ug/L	98

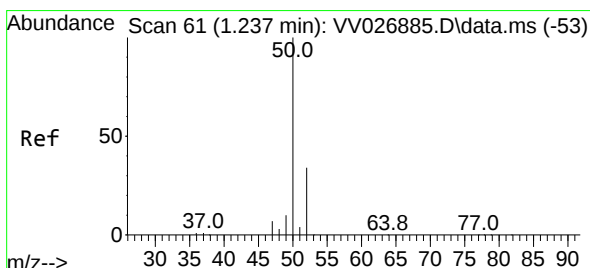
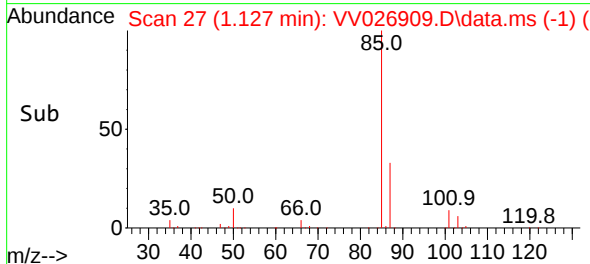
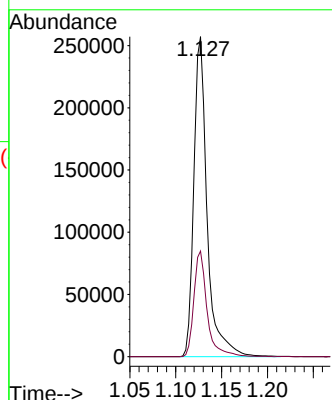
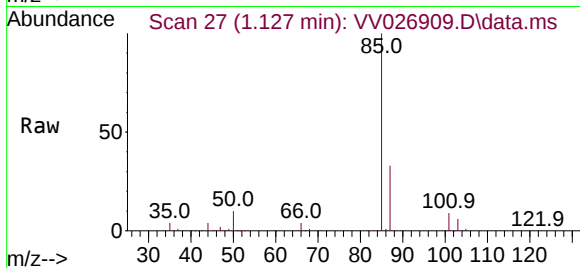
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 42.231 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026909.D
 Acq: 23 Jul 2022 00:11

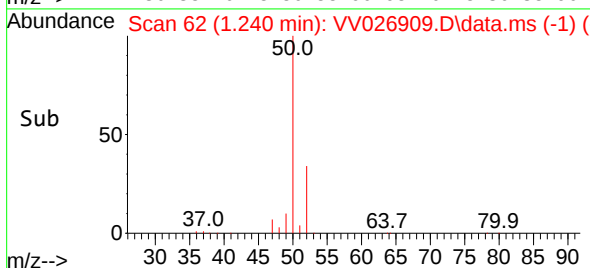
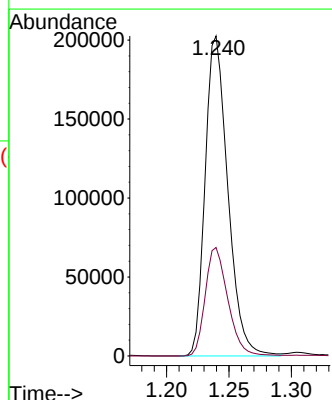
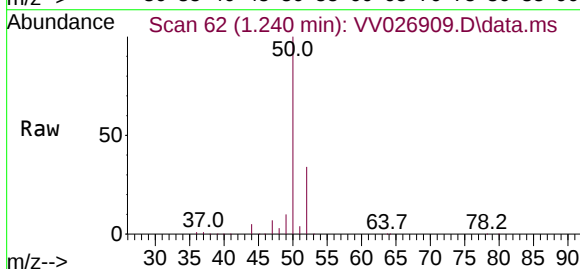
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4MSD

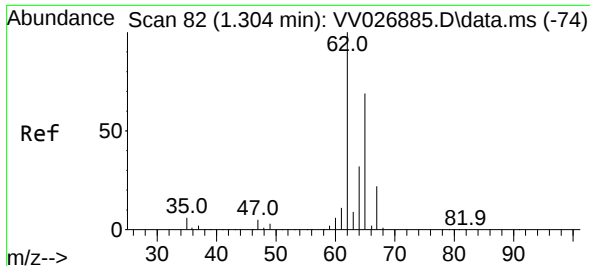
Tgt Ion: 85 Resp: 258408
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.1 39.1



#3
 Chloromethane
 Concen: 44.831 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026909.D
 Acq: 23 Jul 2022 00:11

Tgt Ion: 50 Resp: 256532
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.1 42.9

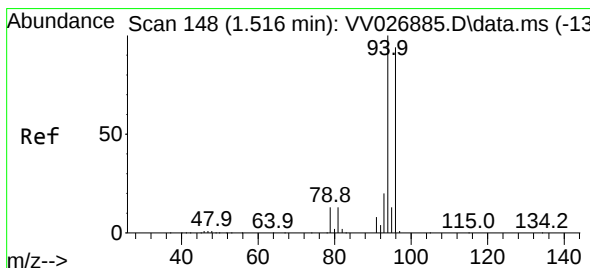
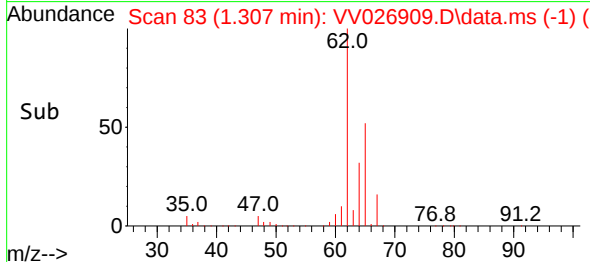
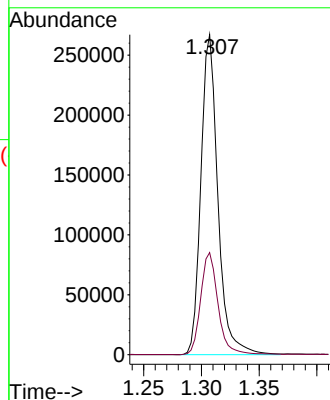
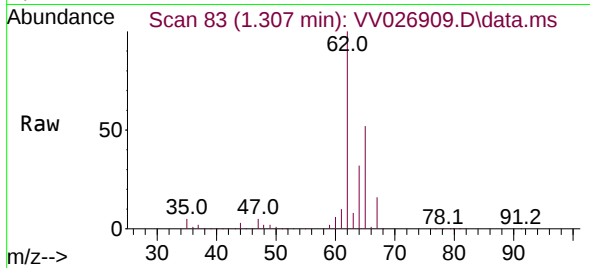




#5
 Vinyl chloride
 Concen: 44.897 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026909.D
 Acq: 23 Jul 2022 00:11

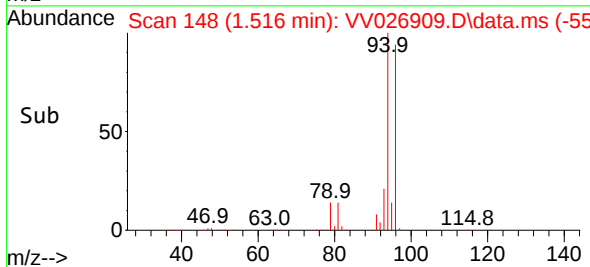
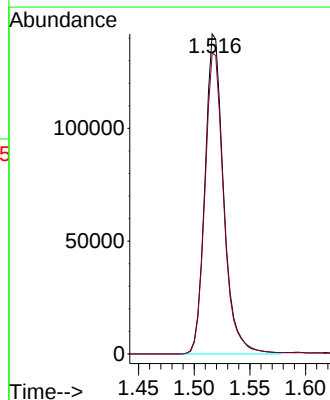
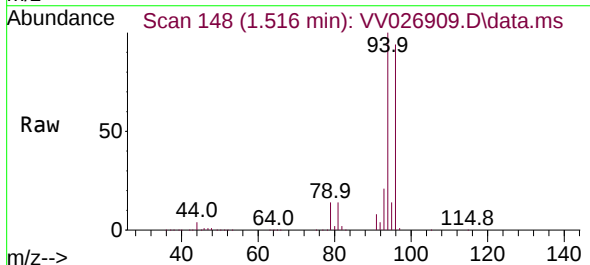
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4MSD

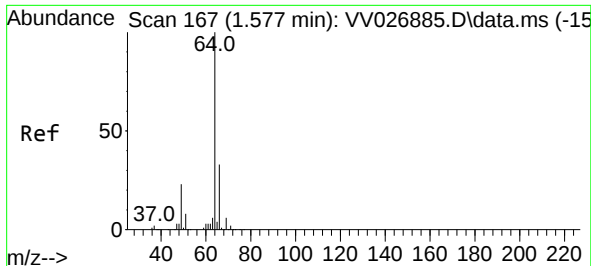
Tgt Ion: 62 Resp: 273096
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.0 42.6



#6
 Bromomethane
 Concen: 45.062 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV026909.D
 Acq: 23 Jul 2022 00:11

Tgt Ion: 94 Resp: 165624
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.8 122.2

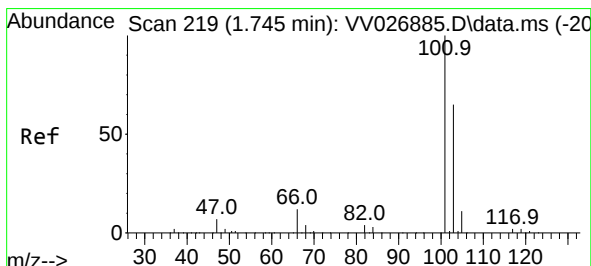
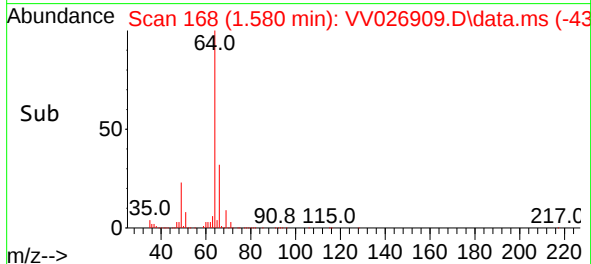
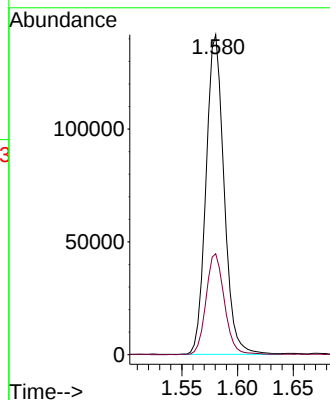
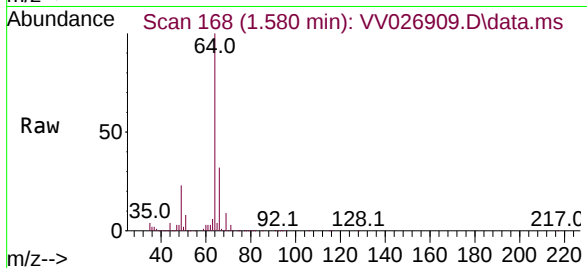




#8
Chloroethane
Concen: 44.676 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

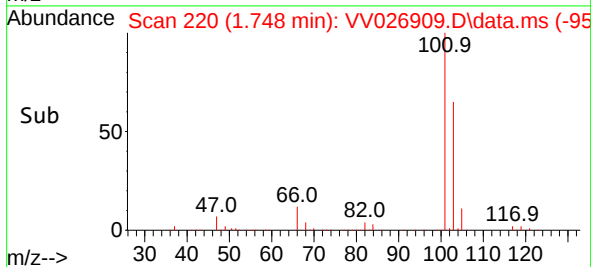
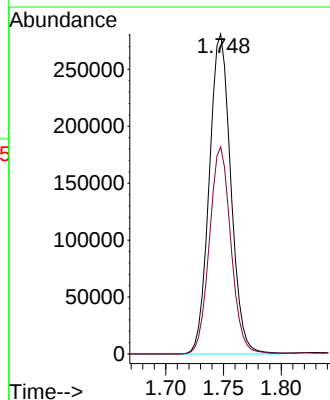
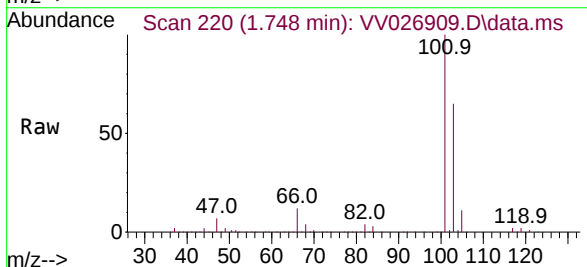
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

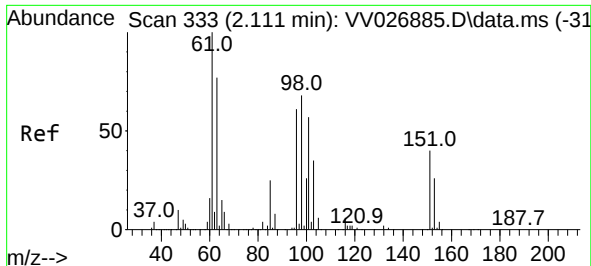
Tgt Ion: 64 Resp: 159684
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.0



#9
Trichlorofluoromethane
Concen: 43.546 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion: 101 Resp: 365055
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

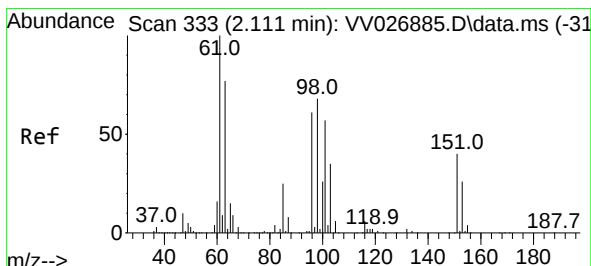
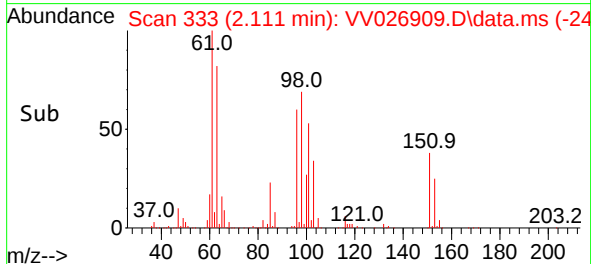
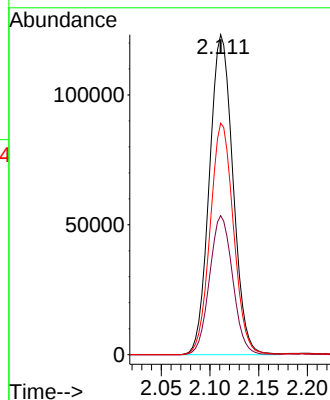
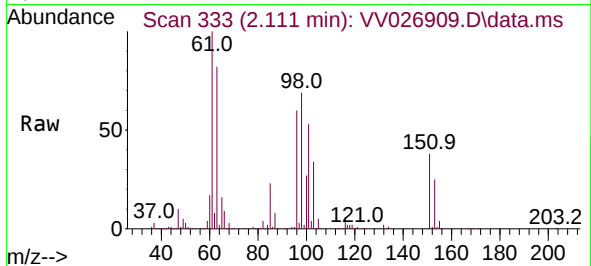




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.261 ug/L
 RT: 2.111 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026909.D
 Acq: 23 Jul 2022 00:11

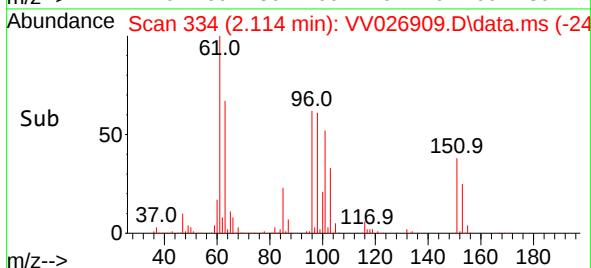
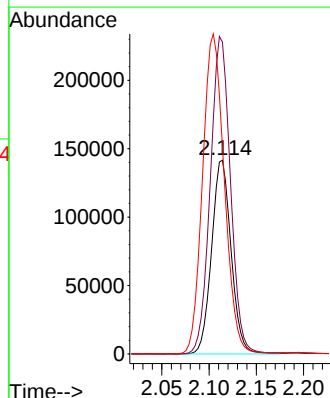
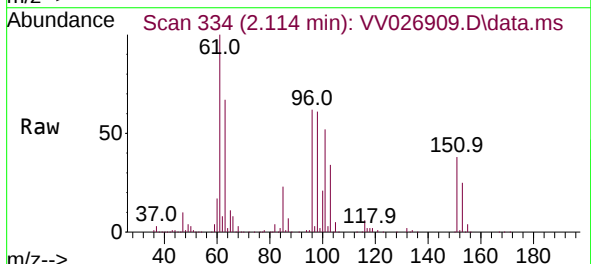
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4MSD

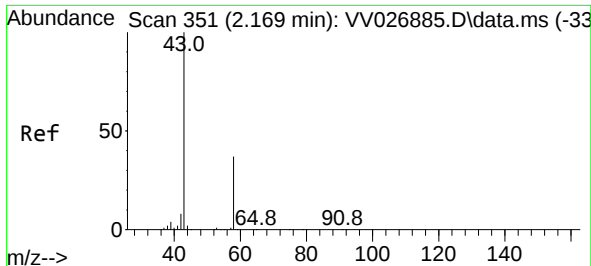
Tgt Ion:101 Resp: 207202
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.1 49.7
 151 72.0 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 44.322 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV026909.D
 Acq: 23 Jul 2022 00:11

Tgt Ion: 96 Resp: 202980
 Ion Ratio Lower Upper
 96 100
 61 160.9 114.2 212.0
 63 107.0 87.0 161.6





#13

Acetone

Concen: 97.525 ug/L

RT: 2.175 min Scan# 351

Delta R.T. 0.006 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

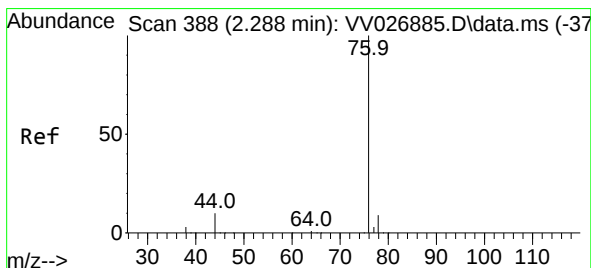
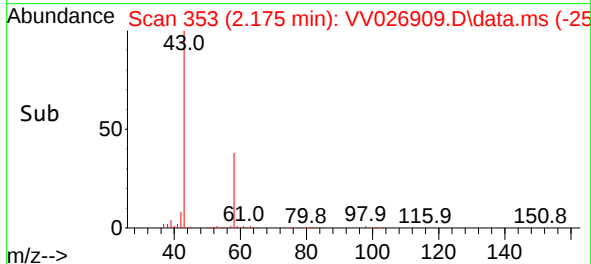
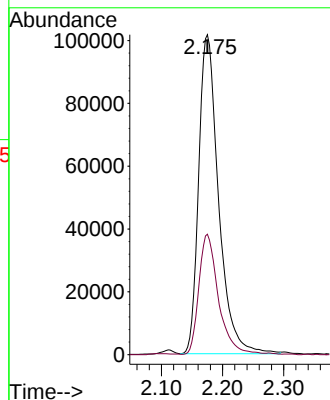
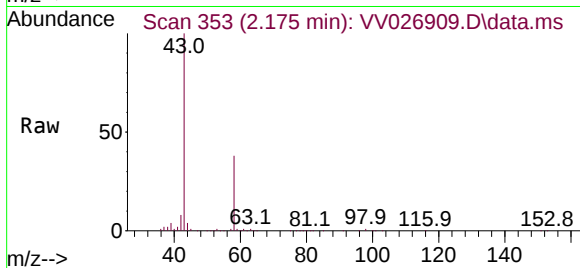
DBUD4MSD

Tgt Ion: 43 Resp: 229295

Ion Ratio Lower Upper

43 100

58 37.1 0.0 72.6



#14

Carbon disulfide

Concen: 44.730 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV026909.D

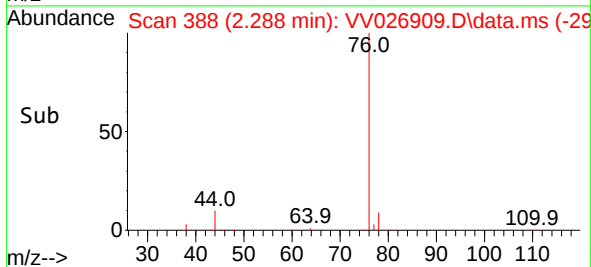
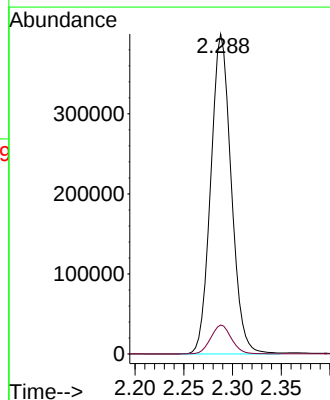
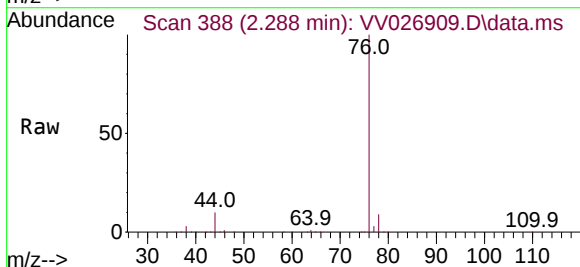
Acq: 23 Jul 2022 00:11

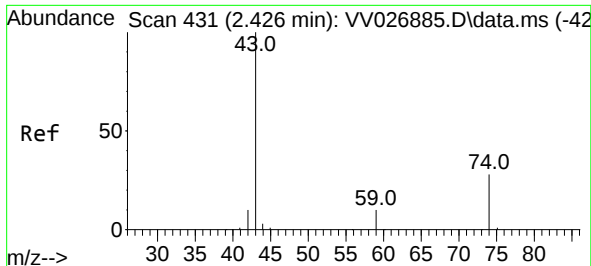
Tgt Ion: 76 Resp: 584470

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

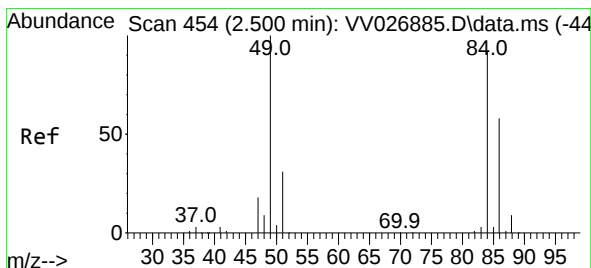
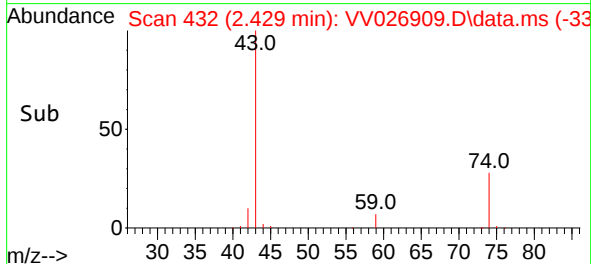
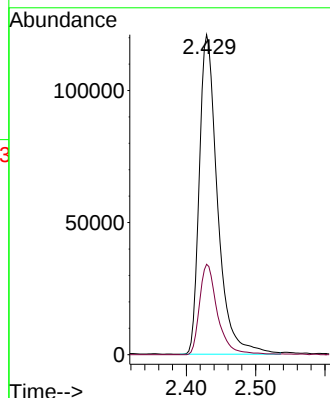
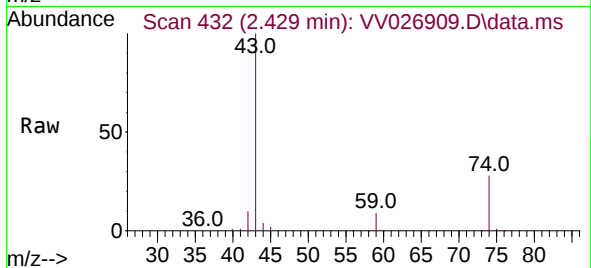




#15
Methyl Acetate
Concen: 42.708 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

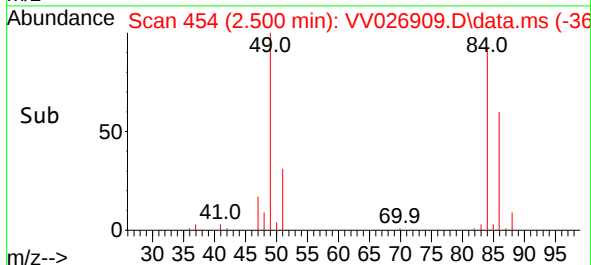
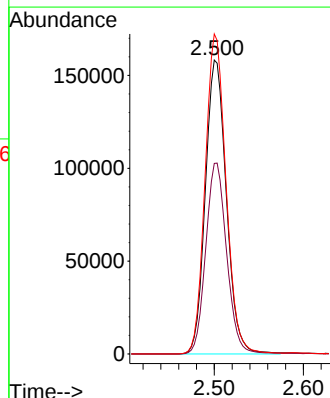
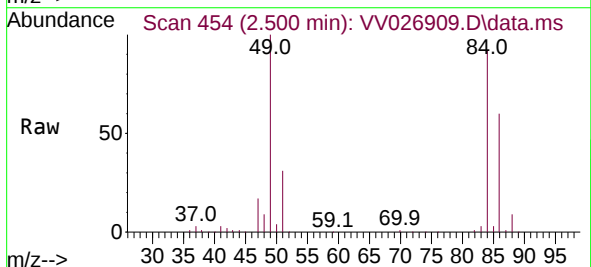
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

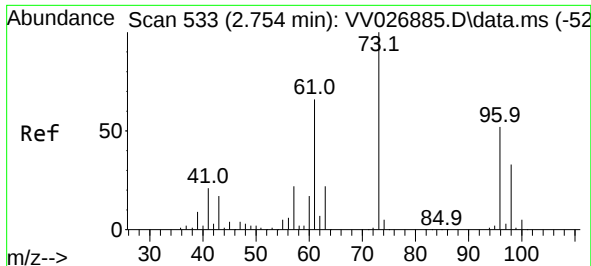
Tgt Ion: 43 Resp: 221480
Ion Ratio Lower Upper
43 100
74 27.7 22.1 33.1



#16
Methylene chloride
Concen: 44.367 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion: 84 Resp: 259002
Ion Ratio Lower Upper
84 100
86 64.9 44.5 82.7
49 108.9 75.0 139.2





#17

trans-1,2-Dichloroethene

Concen: 46.124 ug/L

RT: 2.754 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MSD

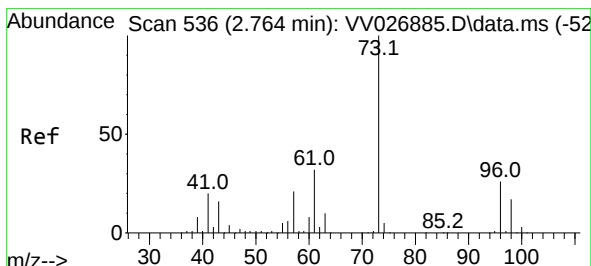
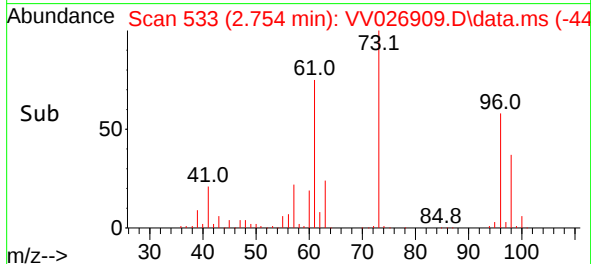
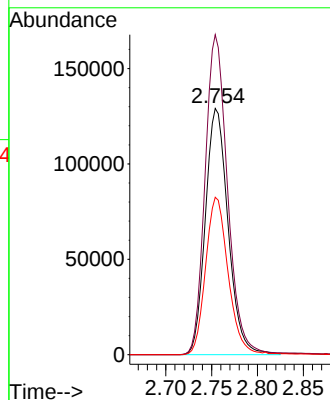
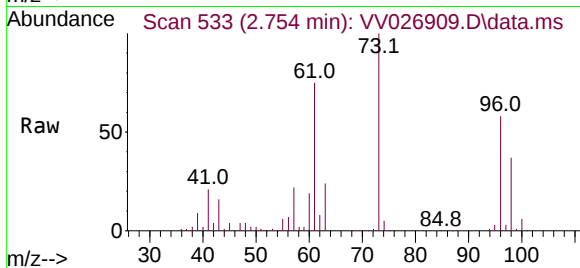
Tgt Ion: 96 Resp: 223199

Ion Ratio Lower Upper

96 100

61 129.9 89.2 165.6

98 64.0 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 50.708 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.003 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

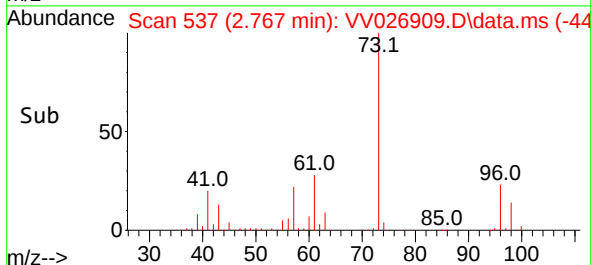
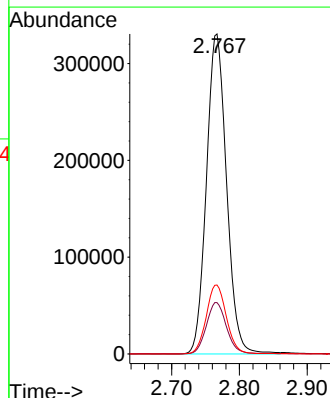
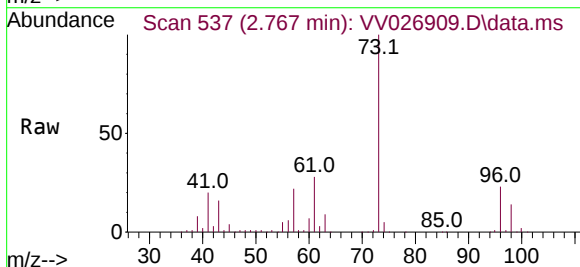
Tgt Ion: 73 Resp: 681656

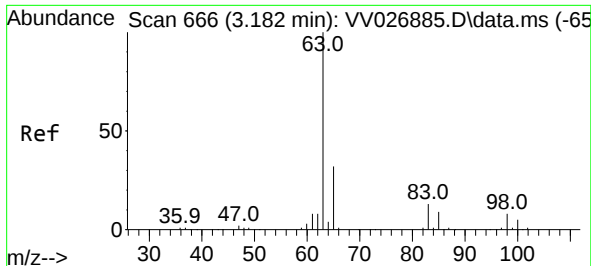
Ion Ratio Lower Upper

73 100

43 16.0 12.8 19.2

57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 46.689 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MSD

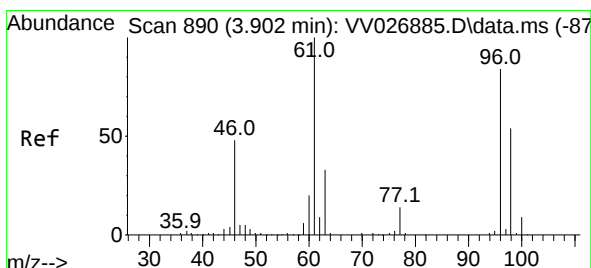
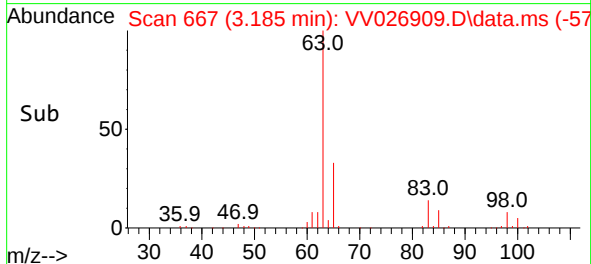
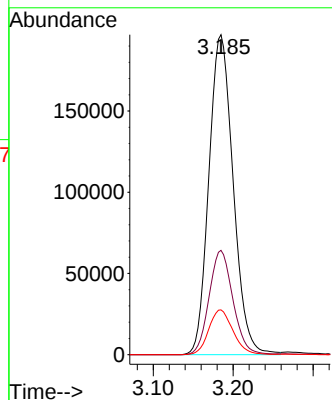
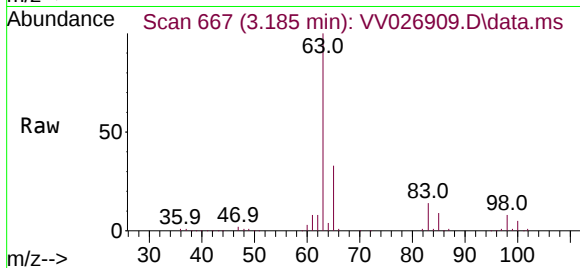
Tgt Ion: 63 Resp: 416102

Ion Ratio Lower Upper

63 100

65 32.6 22.6 42.0

83 14.0 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 48.480 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

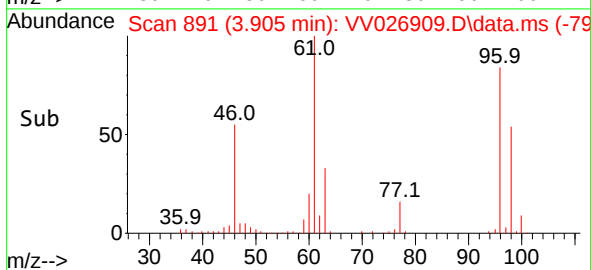
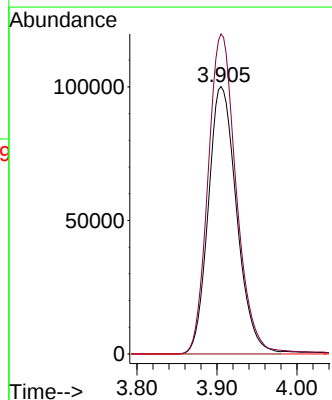
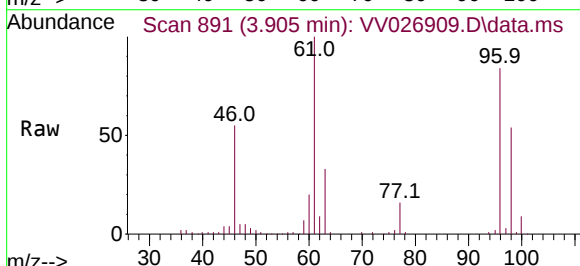
Tgt Ion: 96 Resp: 247241

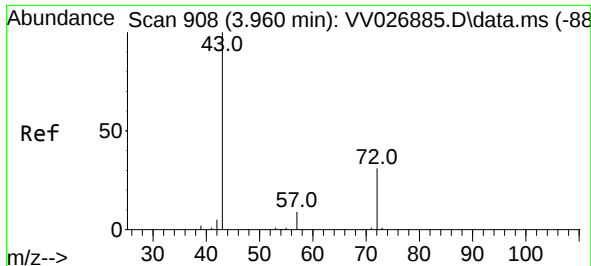
Ion Ratio Lower Upper

96 100

61 119.7 83.0 154.1

68 0.0 0.0 0.0

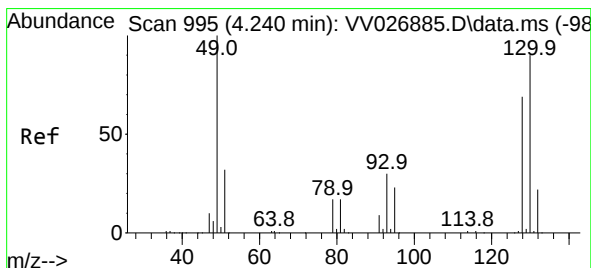
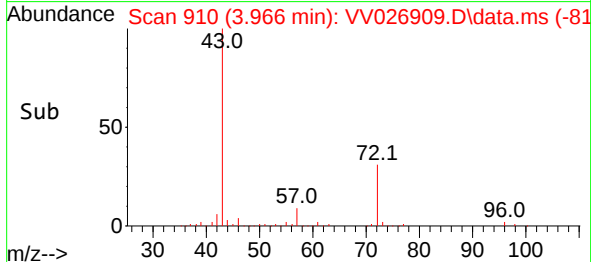
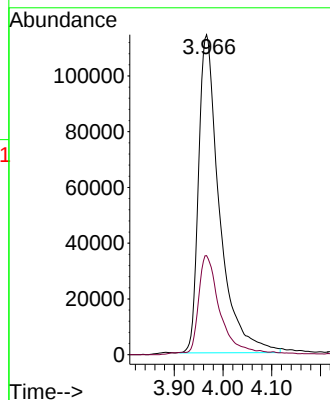
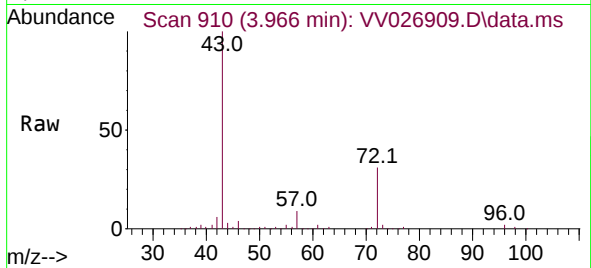




#22
2-Butanone
Concen: 106.279 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.006 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

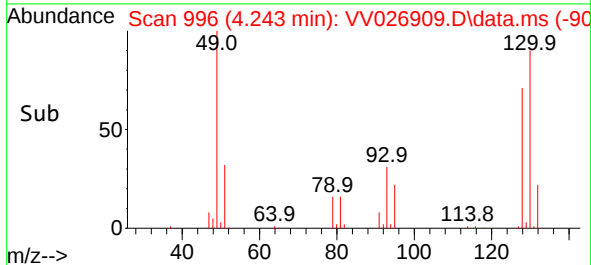
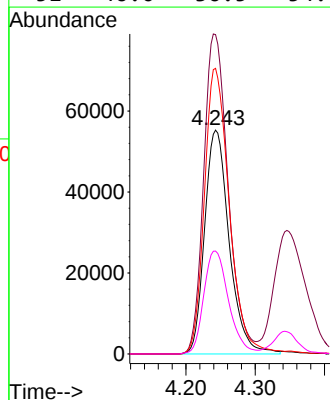
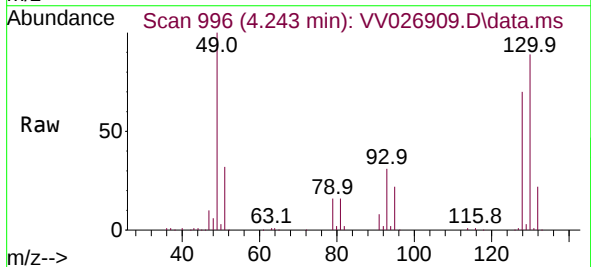
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

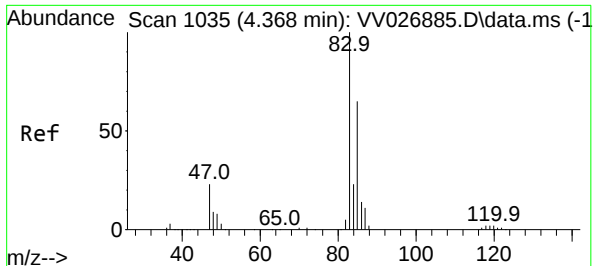
Tgt Ion: 43 Resp: 340799
Ion Ratio Lower Upper
43 100
72 29.7 14.9 44.5



#23
Bromochloromethane
Concen: 46.653 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.003 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion: 128 Resp: 136237
Ion Ratio Lower Upper
128 100
49 142.7 101.0 187.6
130 127.6 90.0 167.2
51 46.0 36.5 54.7





#25

Chloroform

Concen: 46.122 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

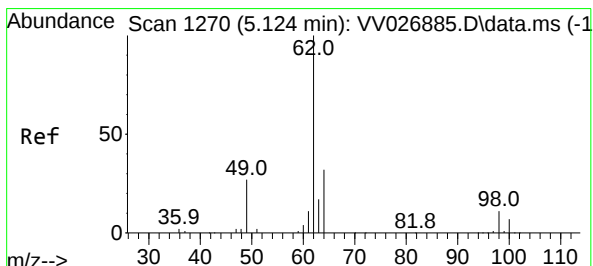
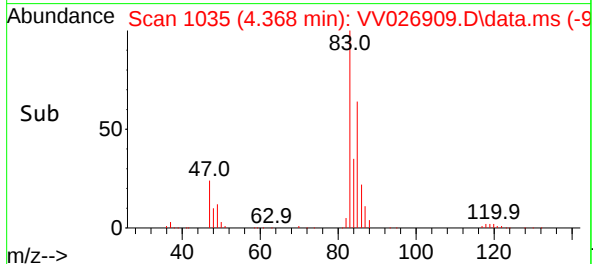
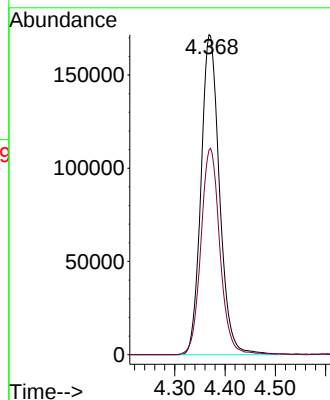
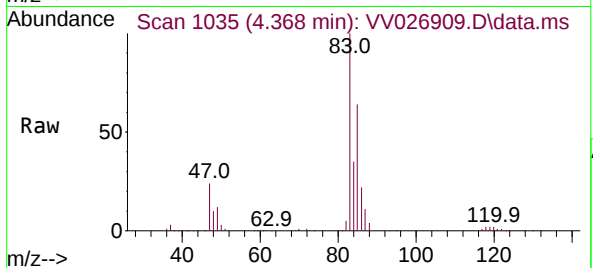
DBUD4MSD

Tgt Ion: 83 Resp: 438396

Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.0



#27

1,2-Dichloroethane

Concen: 46.270 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV026909.D

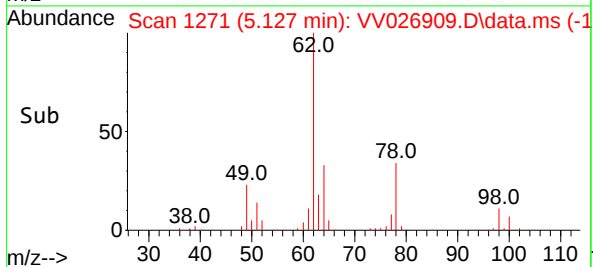
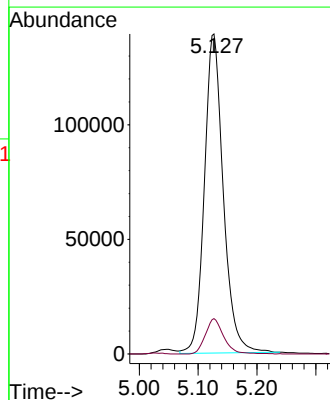
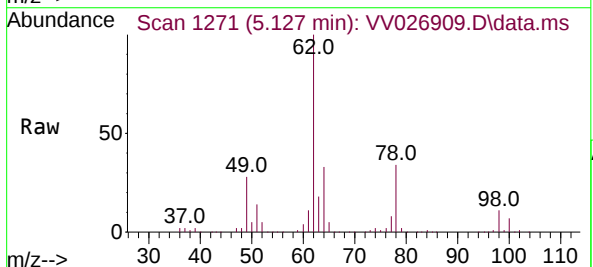
Acq: 23 Jul 2022 00:11

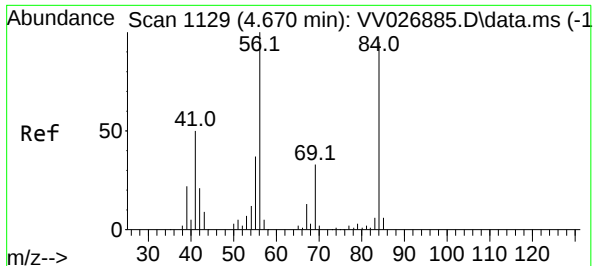
Tgt Ion: 62 Resp: 310346

Ion Ratio Lower Upper

62 100

98 11.1 8.9 13.3





#29

Cyclohexane

Concen: 50.984 ug/L

RT: 4.673 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MSD

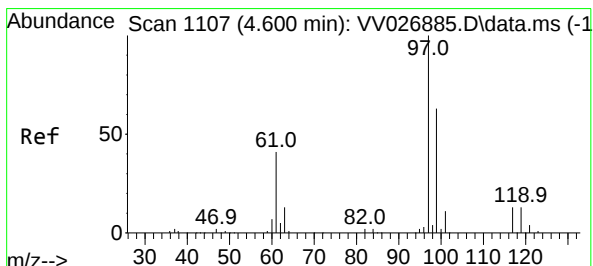
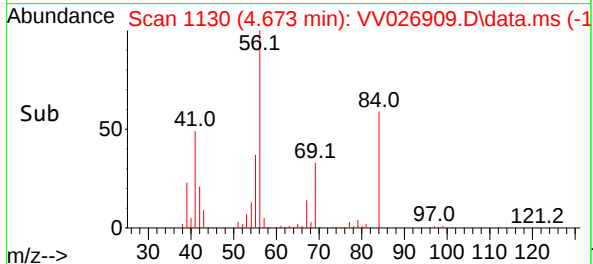
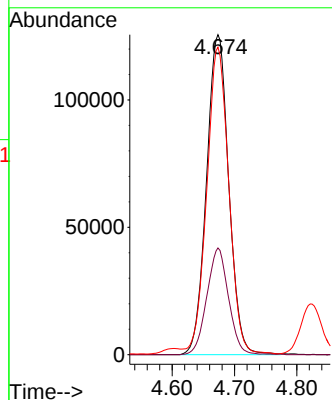
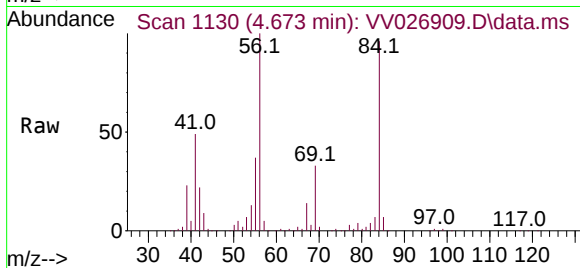
Tgt Ion: 56 Resp: 311482

Ion Ratio Lower Upper

56 100

69 32.3 25.7 38.5

84 95.1 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 48.704 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

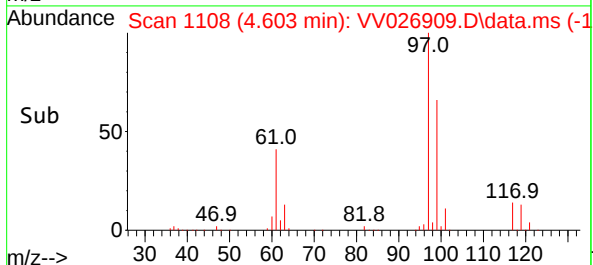
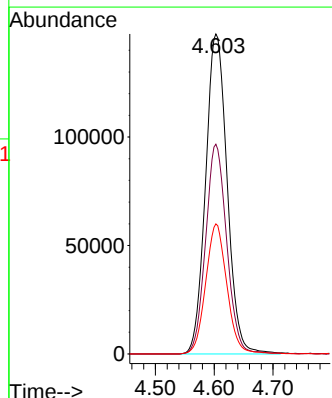
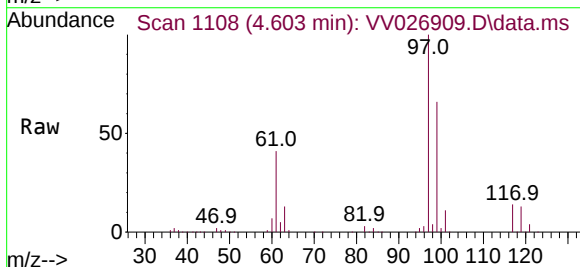
Tgt Ion: 97 Resp: 375949

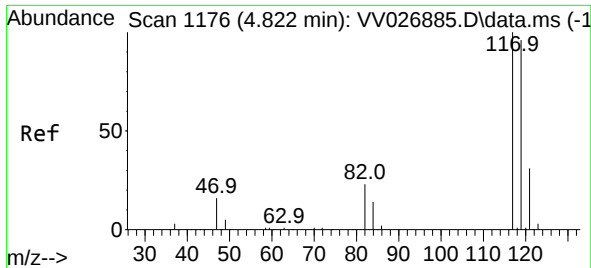
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.6

61 39.7 33.1 49.7

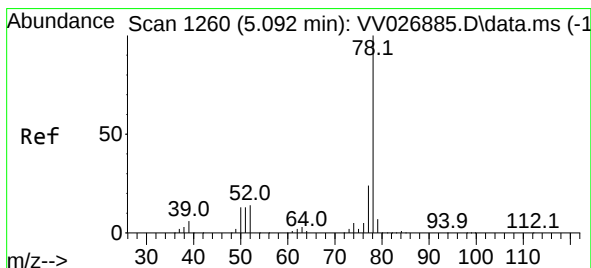
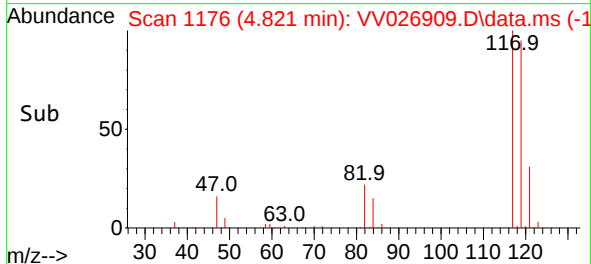
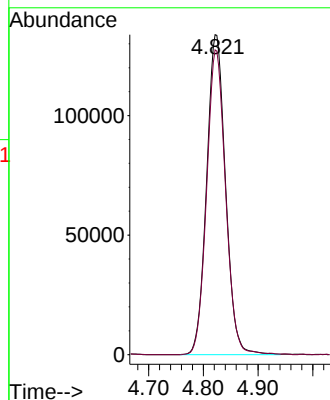
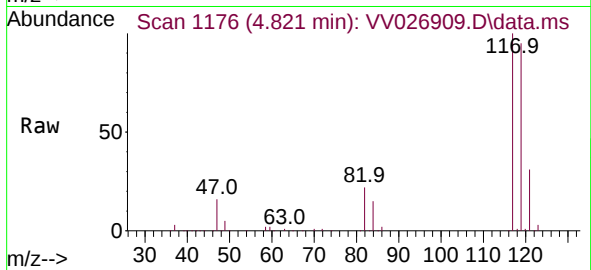




#31
Carbon tetrachloride
Concen: 47.551 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

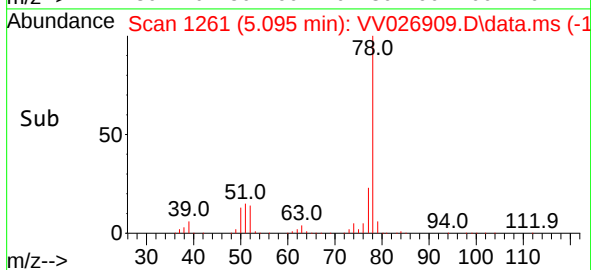
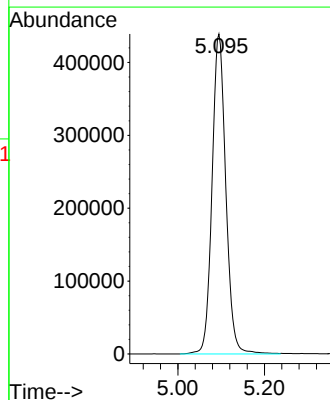
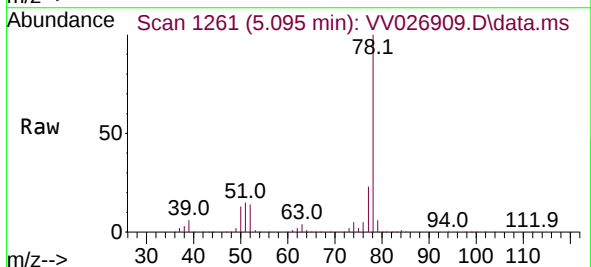
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

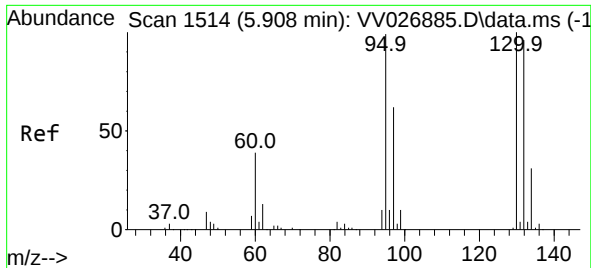
Tgt Ion:117 Resp: 321375
Ion Ratio Lower Upper
117 100
119 95.2 77.3 115.9



#33
Benzene
Concen: 51.544 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion: 78 Resp: 968430

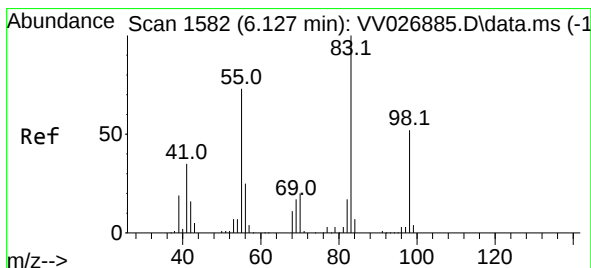
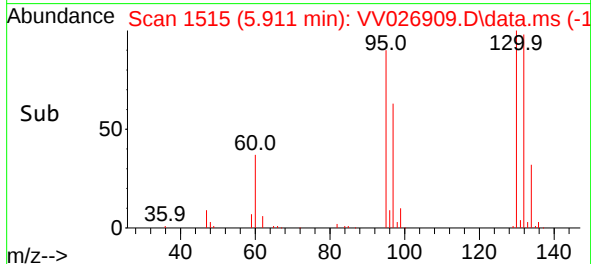
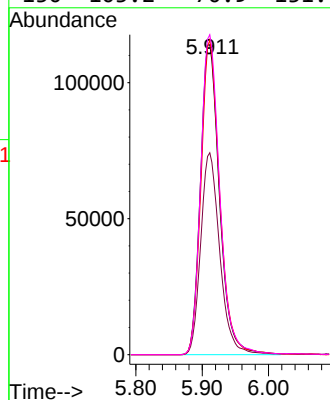
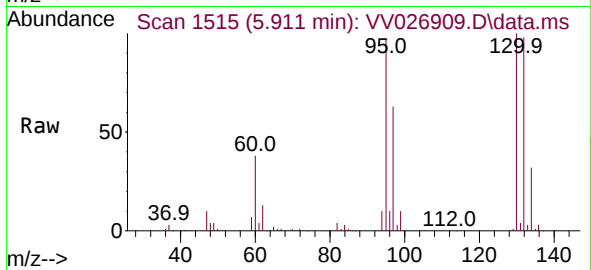




#34
Trichloroethene
Concen: 47.291 ug/L
RT: 5.911 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

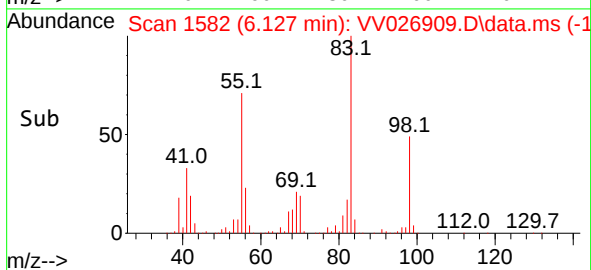
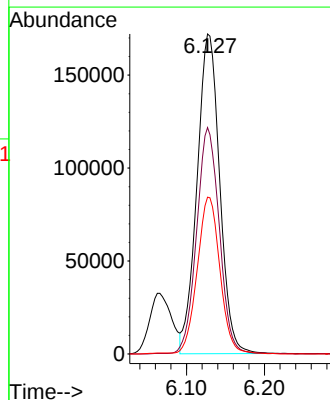
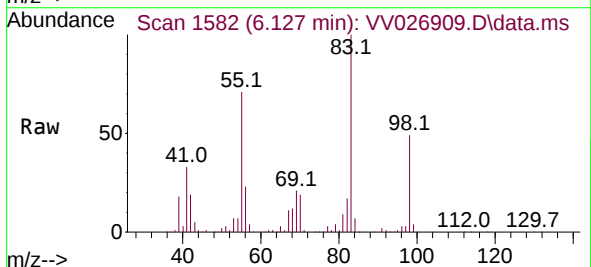
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

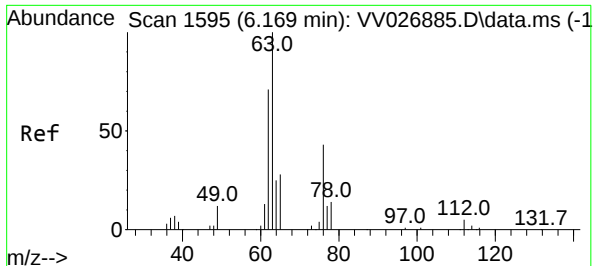
Tgt Ion: 95 Resp: 228323
Ion Ratio Lower Upper
95 100
97 65.1 45.9 85.3
132 101.6 68.1 126.5
130 103.2 70.9 131.7



#35
Methylcyclohexane
Concen: 48.688 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion: 83 Resp: 348054
Ion Ratio Lower Upper
83 100
55 70.5 57.4 86.2
98 49.2 39.4 59.0





#37

1,2-Dichloropropane

Concen: 51.409 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

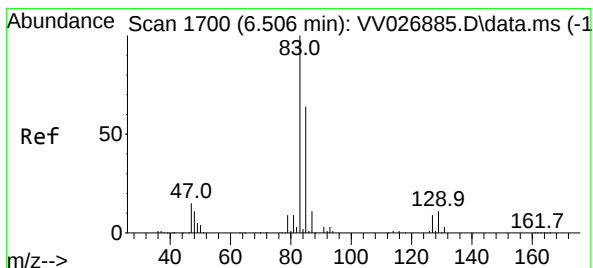
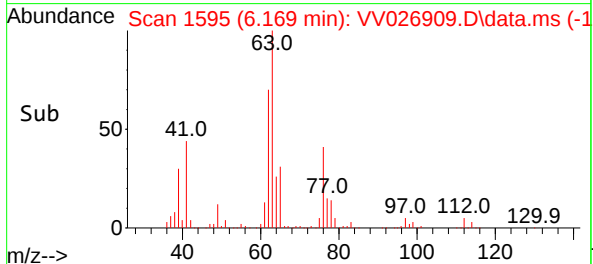
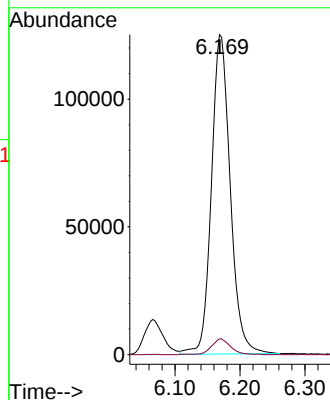
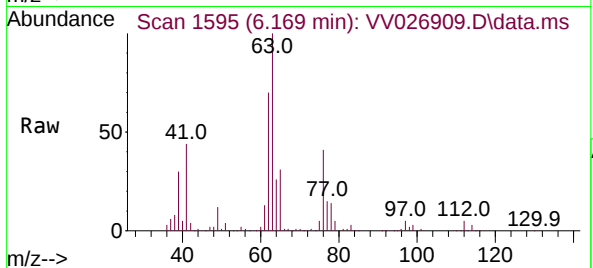
DBUD4MSD

Tgt Ion: 63 Resp: 251391

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 47.970 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

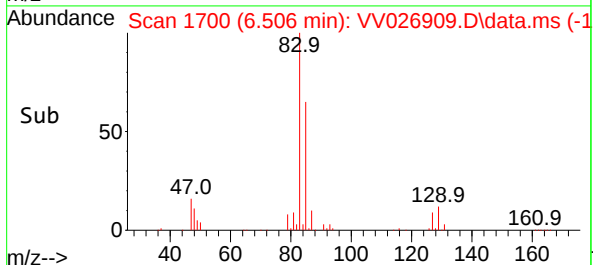
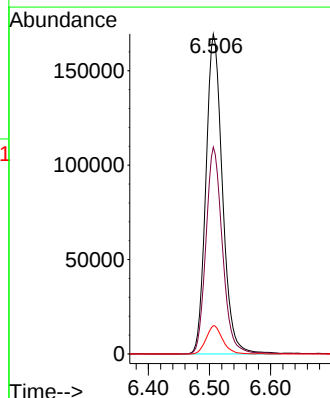
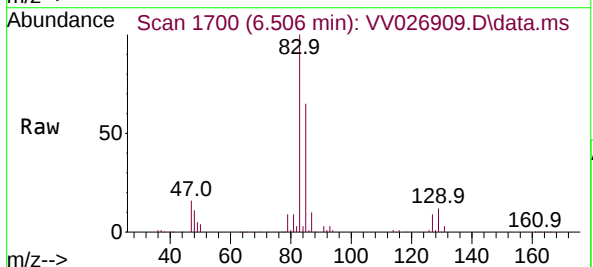
Tgt Ion: 83 Resp: 317949

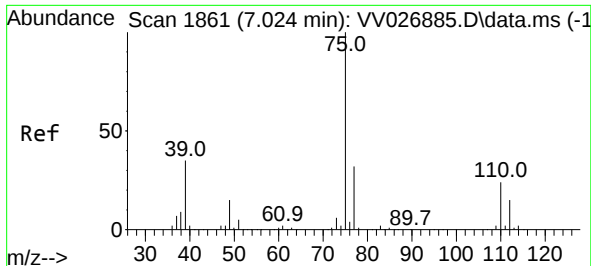
Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.9

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 47.641 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

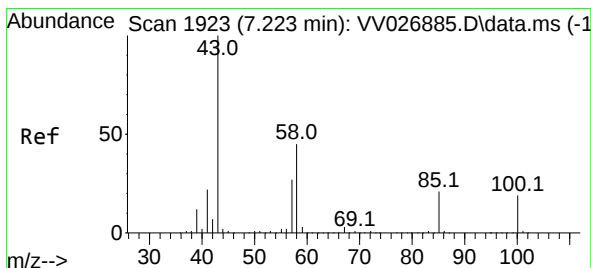
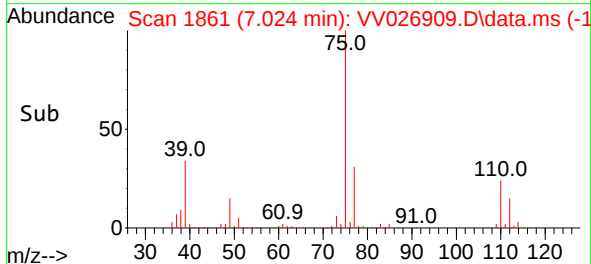
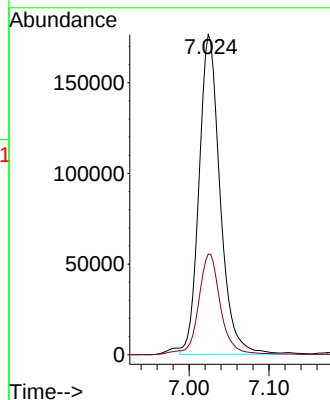
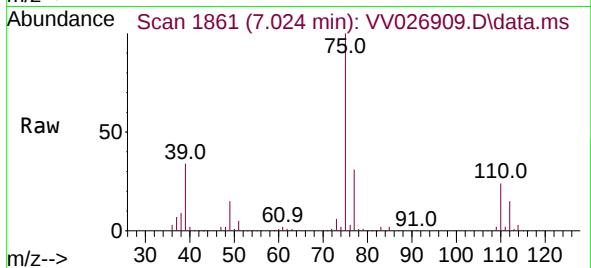
DBUD4MSD

Tgt Ion: 75 Resp: 323316

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 111.764 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

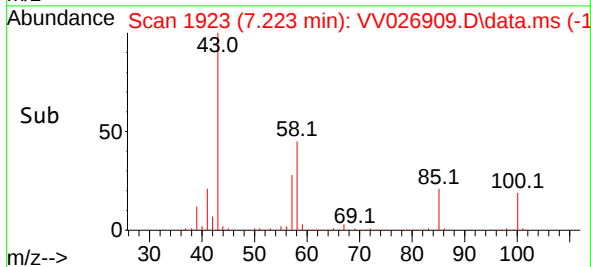
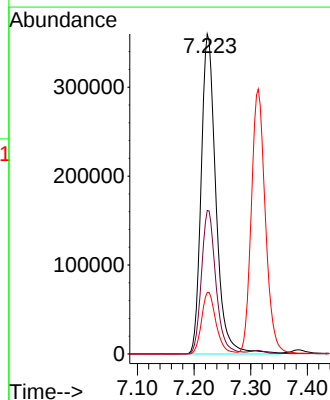
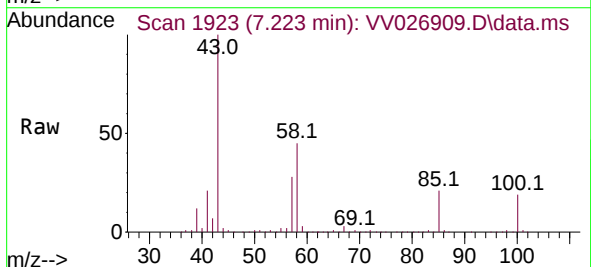
Tgt Ion: 43 Resp: 650392

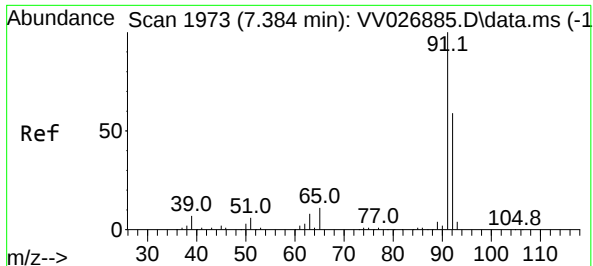
Ion Ratio Lower Upper

43 100

58 44.1 35.0 52.6

100 19.0 15.4 23.0

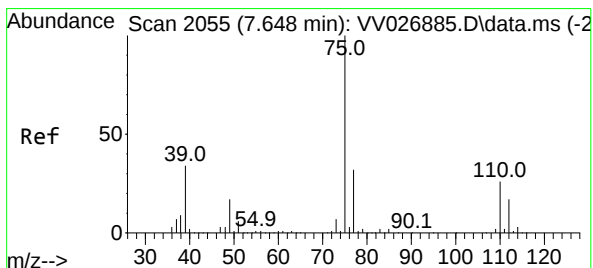
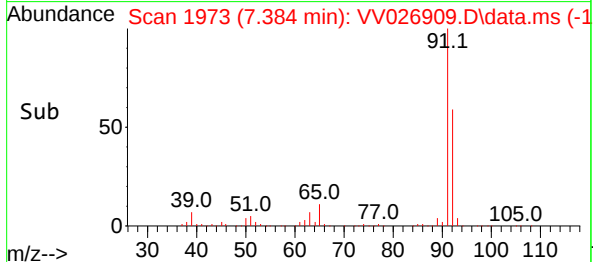
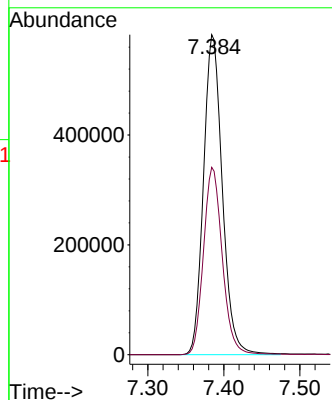
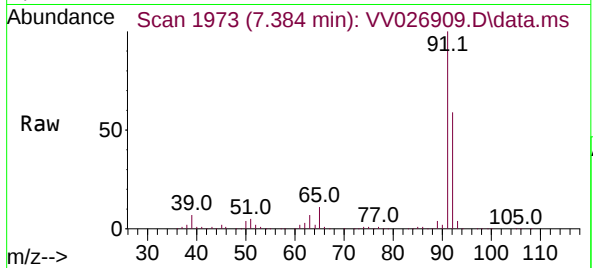




#42
Toluene
Concen: 52.237 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

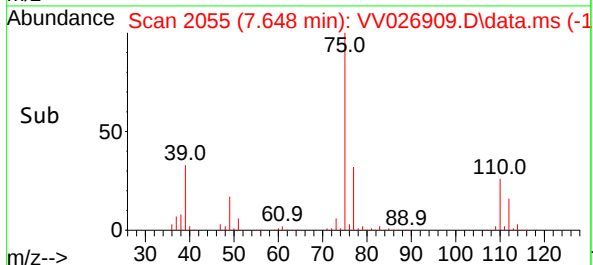
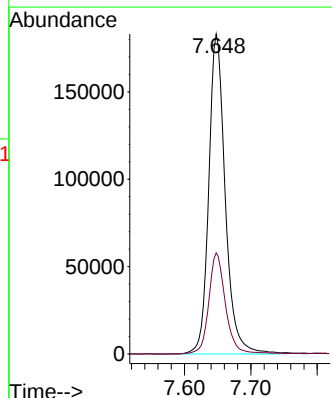
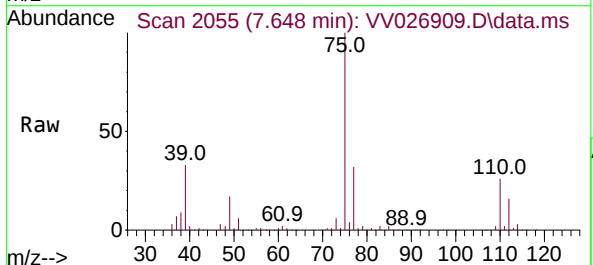
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

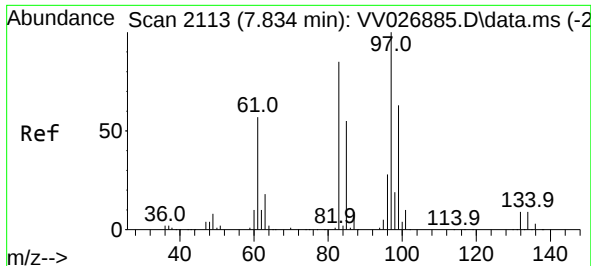
Tgt Ion: 91 Resp: 1001768
Ion Ratio Lower Upper
91 100
92 58.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 47.312 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion: 75 Resp: 316640
Ion Ratio Lower Upper
75 100
77 31.6 21.3 39.6

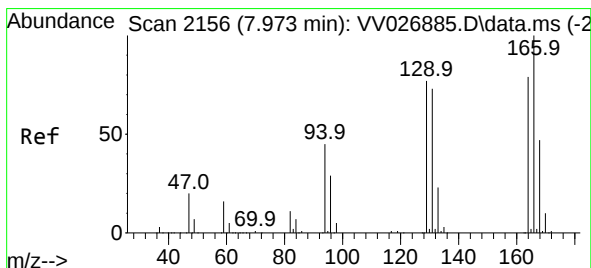
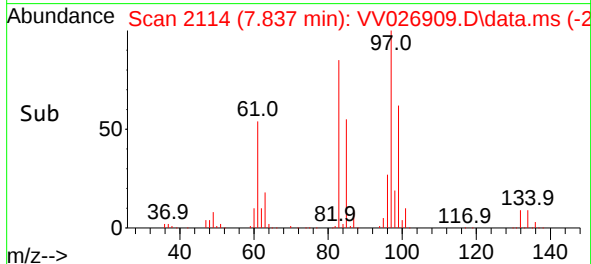
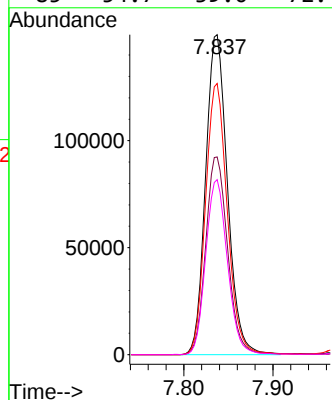
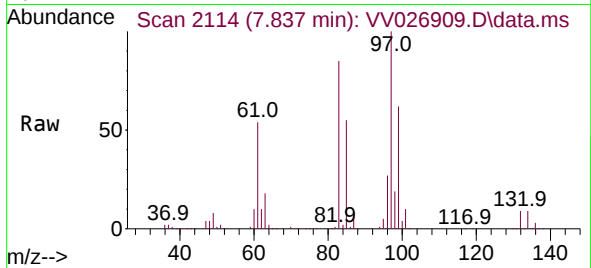




#45
1,1,2-Trichloroethane
Concen: 48.921 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

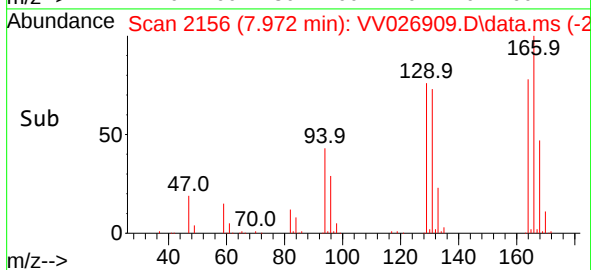
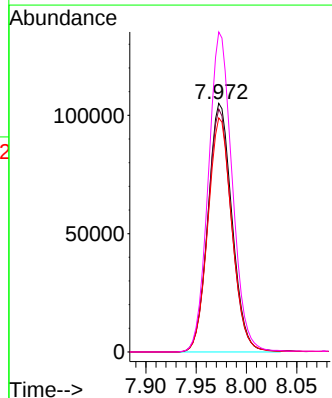
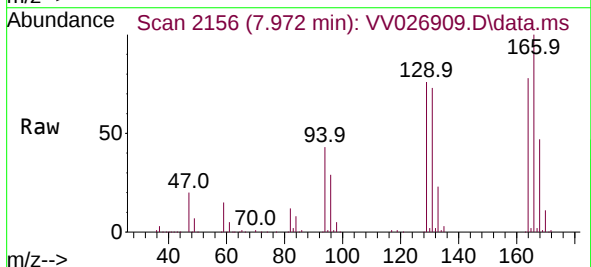
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

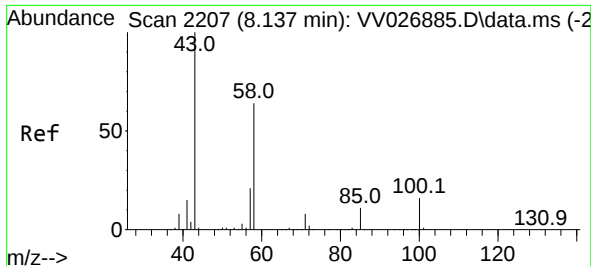
Tgt Ion: 97	Resp: 254756
Ion Ratio	Lower Upper
97 100	
99 61.8	44.0 81.8
83 84.7	59.9 111.3
85 54.7	39.0 72.4



#46
Tetrachloroethene
Concen: 46.455 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt	Ion:164	Resp:	174960
Ion	Ratio	Lower	Upper
164	100		
129	97.7	66.3	123.1
131	94.2	63.1	117.3
166	128.7	86.2	160.2



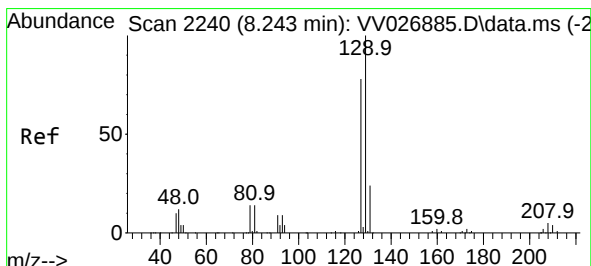
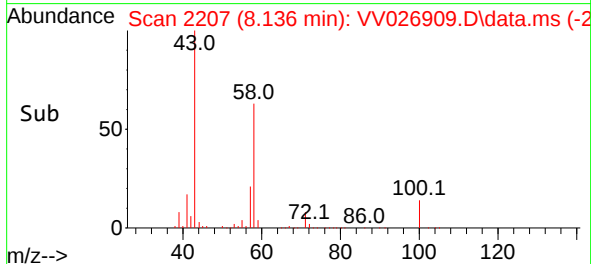
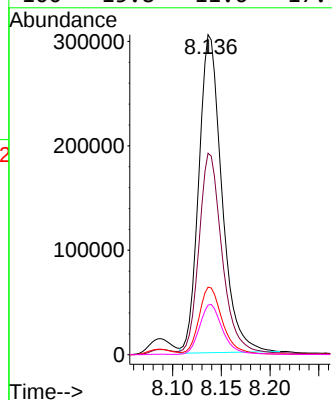
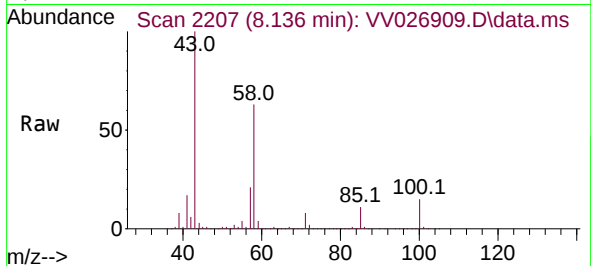


#48
2-Hexanone
Concen: 110.790 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

Tgt Ion: 43 Resp: 501788

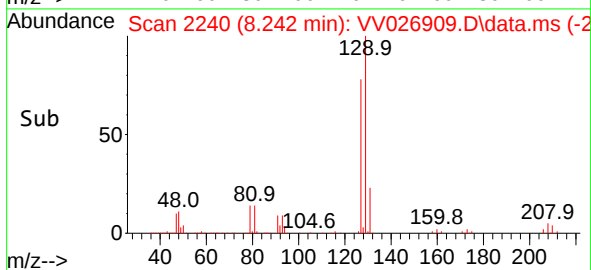
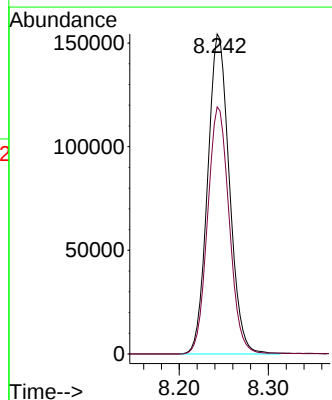
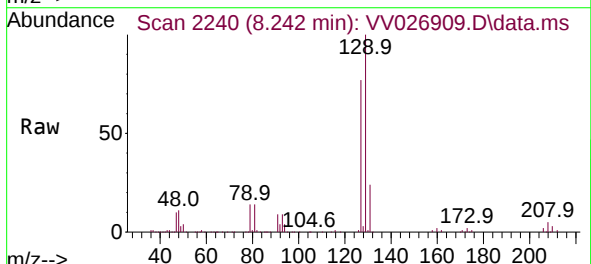
Ion	Ratio	Lower	Upper
43	100		
58	64.3	48.8	73.2
57	21.4	16.6	24.8
100	15.8	11.6	17.4

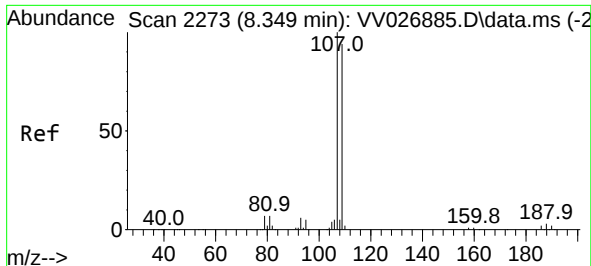


#49
Dibromochloromethane
Concen: 48.046 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion: 129 Resp: 261508

Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.7	99.7





#50

1,2-Dibromoethane

Concen: 49.710 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MSD

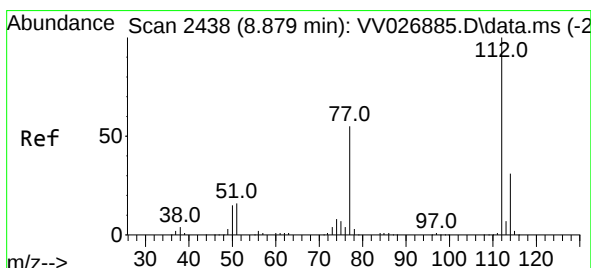
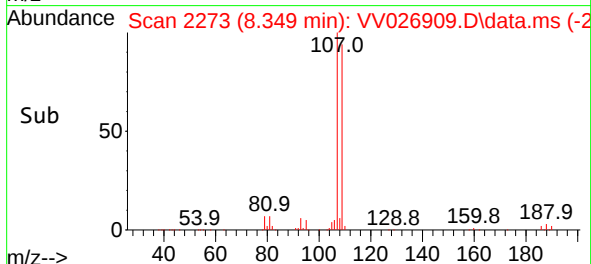
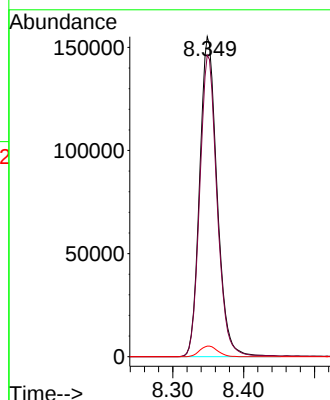
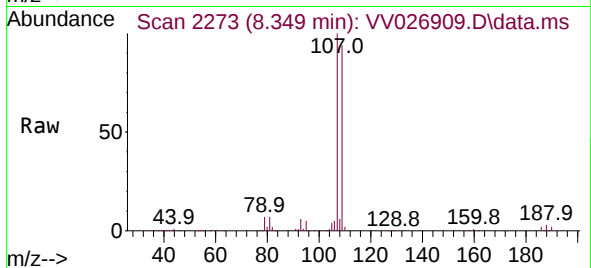
Tgt Ion:107 Resp: 264851

Ion Ratio Lower Upper

107 100

109 94.2 64.9 120.5

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 48.500 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

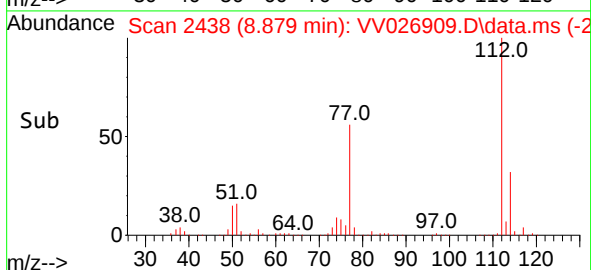
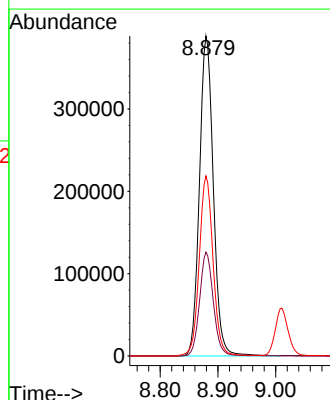
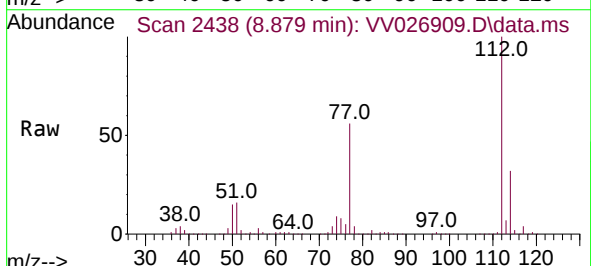
Tgt Ion:112 Resp: 648312

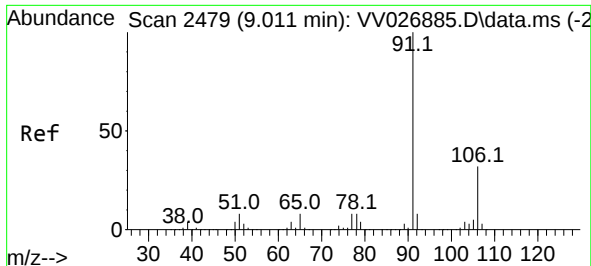
Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.1

77 56.3 44.4 66.6

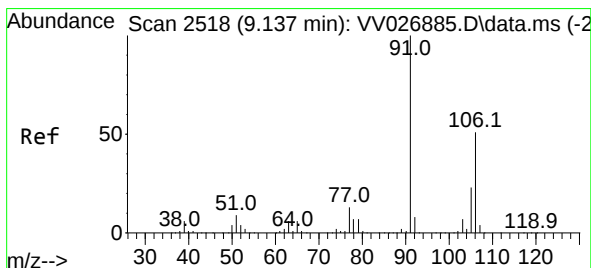
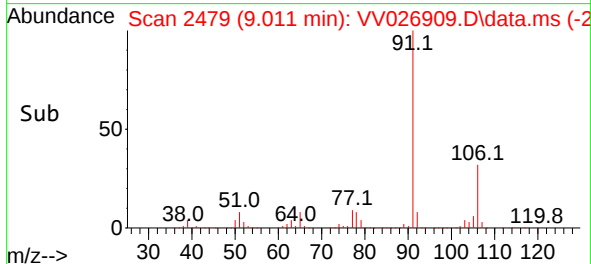
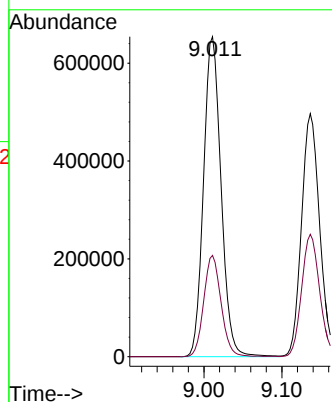
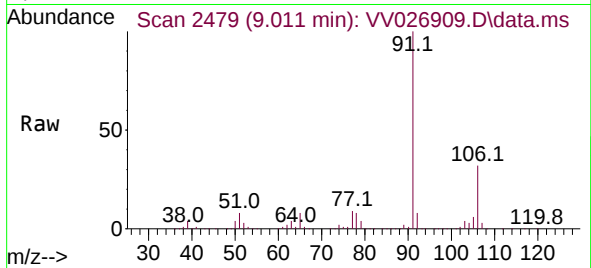




#52
Ethylbenzene
Concen: 51.302 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

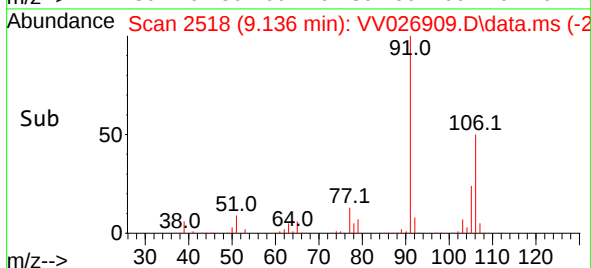
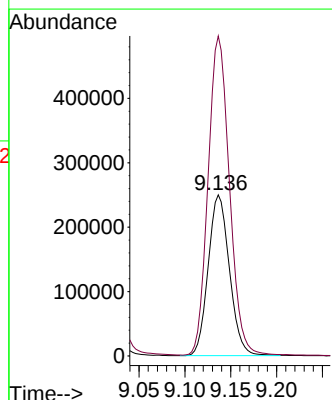
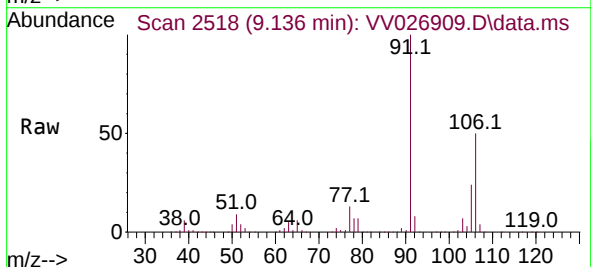
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

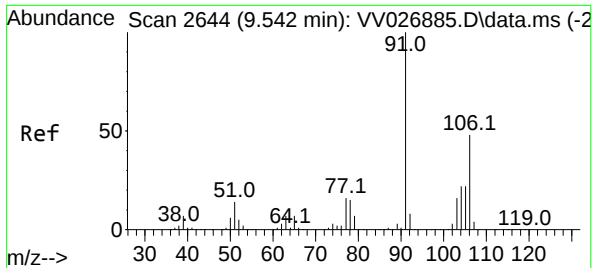
Tgt Ion: 91 Resp: 1021231
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 51.629 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion: 106 Resp: 402409
Ion Ratio Lower Upper
106 100
91 198.6 140.0 260.0

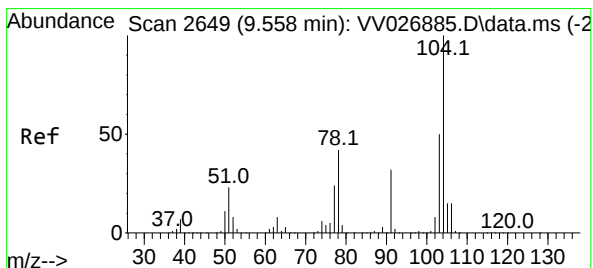
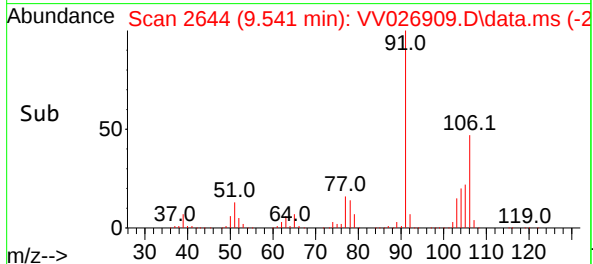
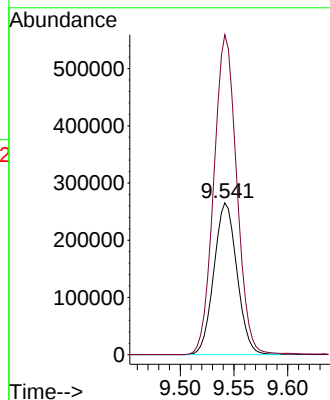
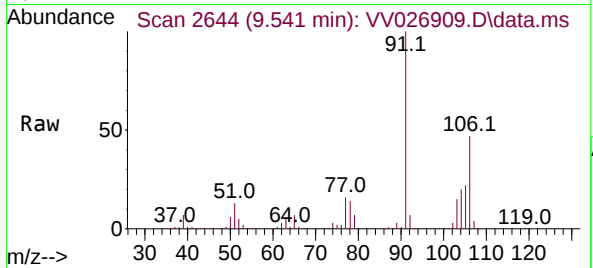




#54
o-Xylene
Concen: 52.828 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

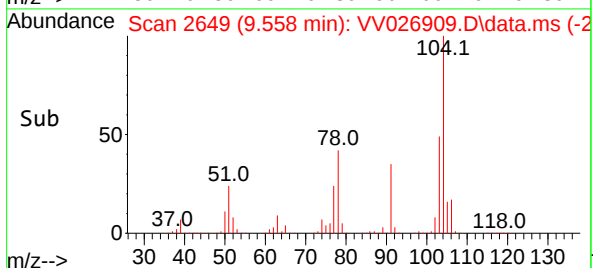
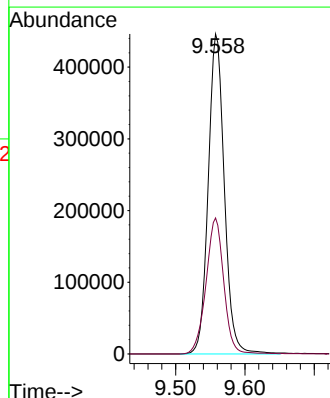
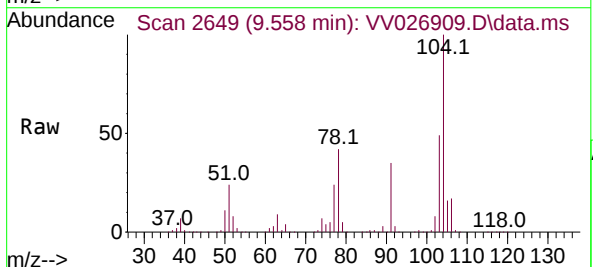
Instrument : MSVOA_V
ClientSampleId : DBUD4MSD

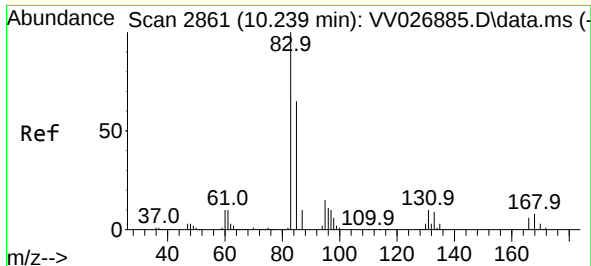
Tgt Ion:106 Resp: 396568
Ion Ratio Lower Upper
106 100
91 210.7 146.1 271.3



#55
Styrene
Concen: 54.206 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion:104 Resp: 718637
Ion Ratio Lower Upper
104 100
78 42.5 29.6 55.0

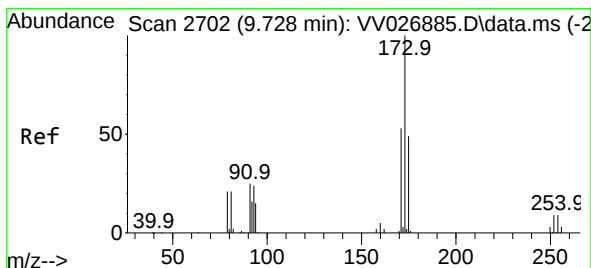
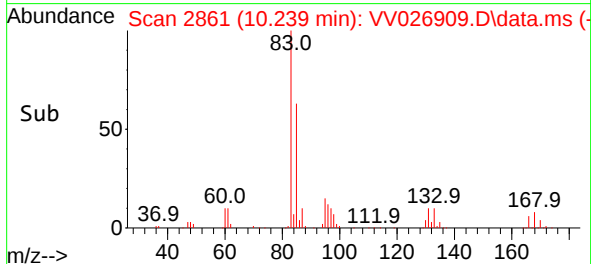
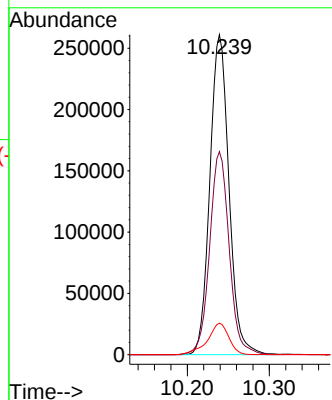
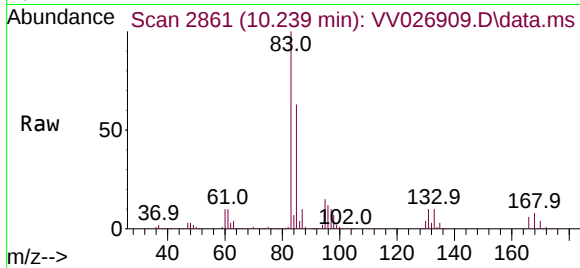




#57
 1,1,2,2-Tetrachloroethane
 Concen: 50.363 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026909.D
 Acq: 23 Jul 2022 00:11

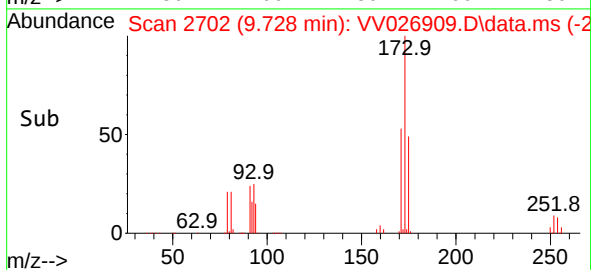
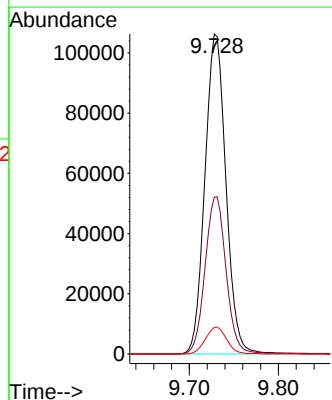
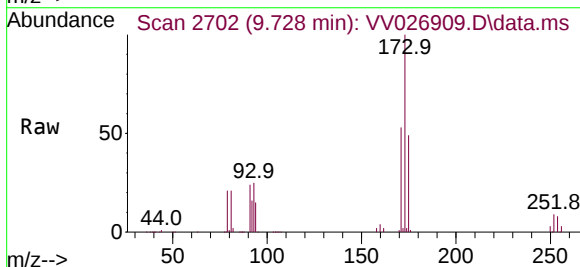
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4MSD

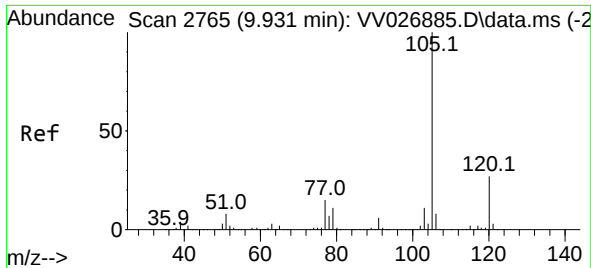
Tgt Ion: 83 Resp: 423356
 Ion Ratio Lower Upper
 83 100
 85 63.5 45.3 84.1
 131 9.8 7.8 11.6



#59
 Bromoform
 Concen: 48.335 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV026909.D
 Acq: 23 Jul 2022 00:11

Tgt Ion: 173 Resp: 174259
 Ion Ratio Lower Upper
 173 100
 175 49.0 38.6 57.8
 254 8.4 6.6 10.0

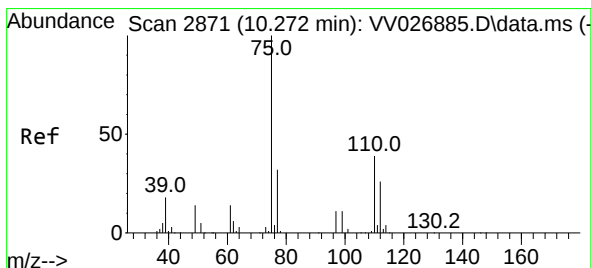
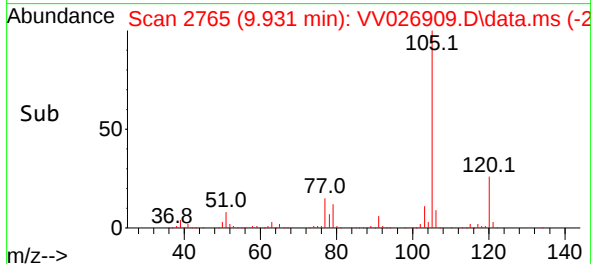
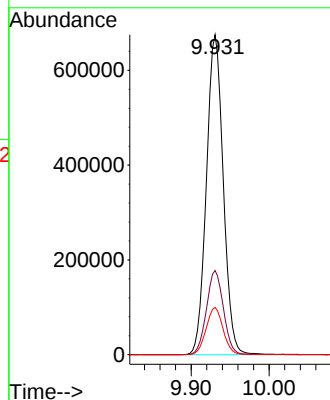
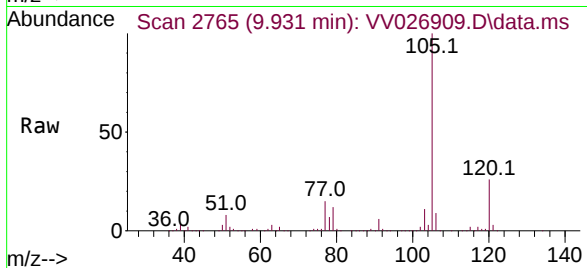




#60
Isopropylbenzene
Concen: 53.208 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

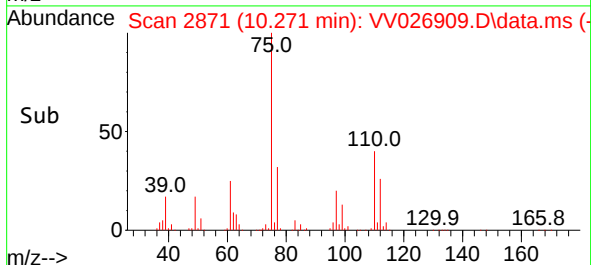
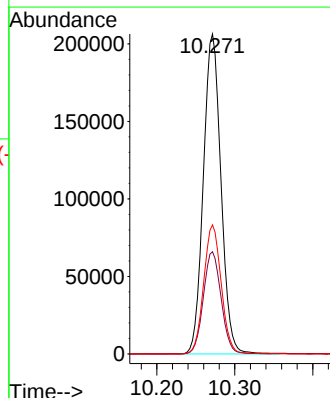
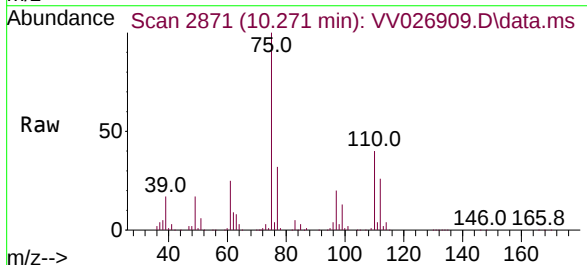
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

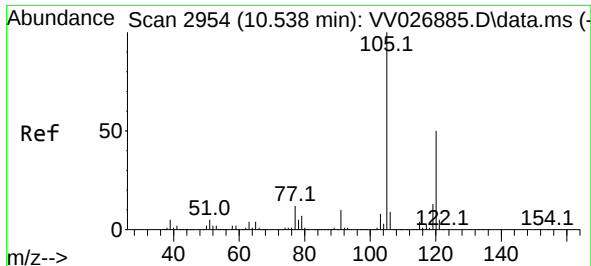
Tgt Ion:105 Resp: 1014666
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 14.8 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 50.035 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion: 75 Resp: 323987
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
110 40.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 53.529 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

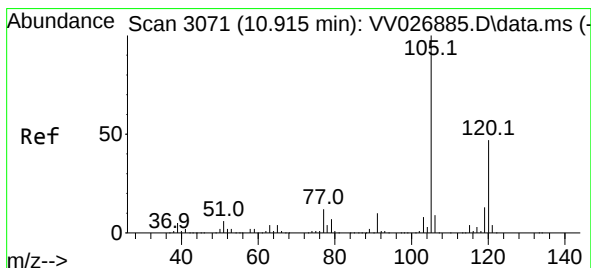
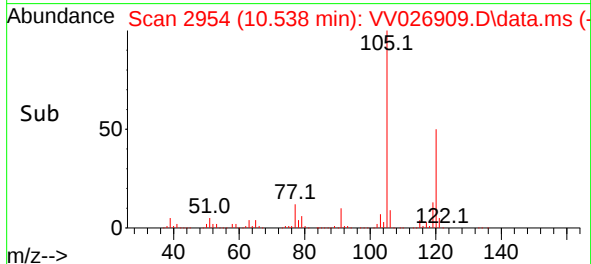
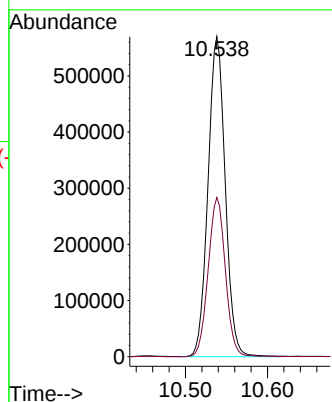
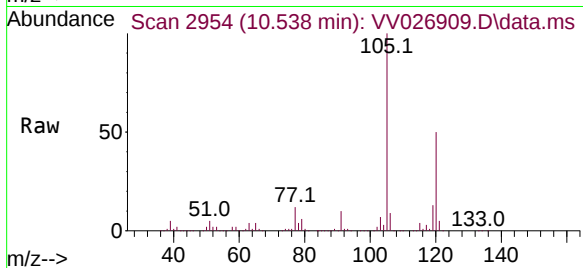
DBUD4MSD

Tgt Ion:105 Resp: 829633

Ion Ratio Lower Upper

105 100

120 49.9 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 54.253 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV026909.D

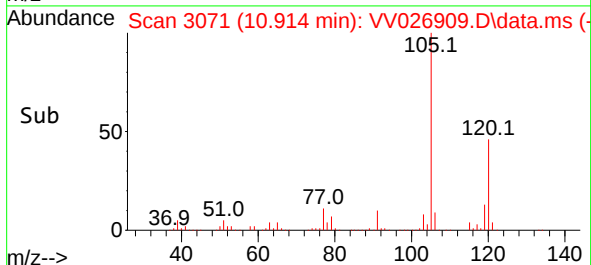
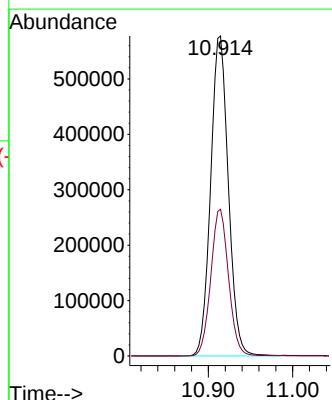
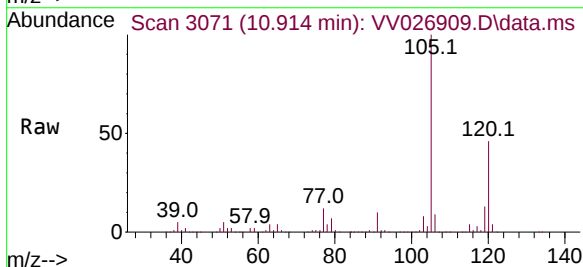
Acq: 23 Jul 2022 00:11

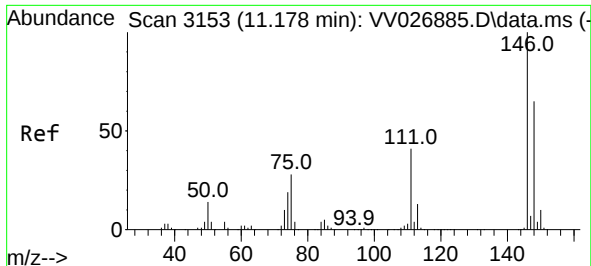
Tgt Ion:105 Resp: 843414

Ion Ratio Lower Upper

105 100

120 45.9 37.1 55.7

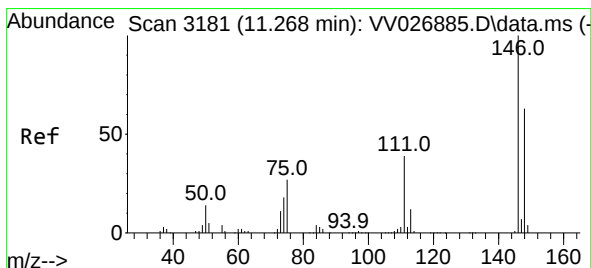
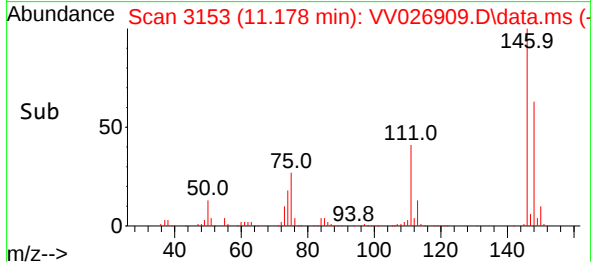
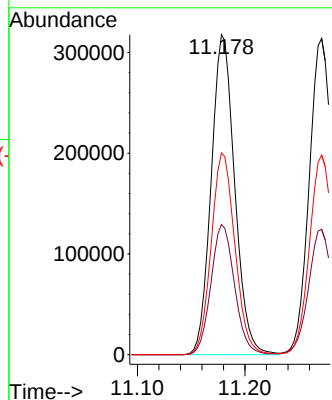
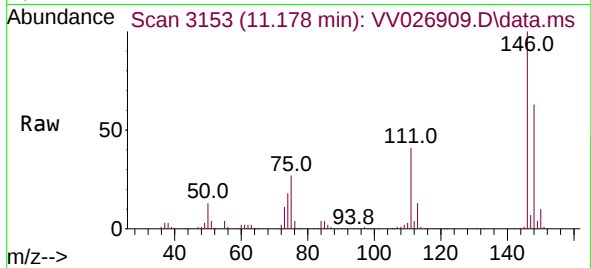




#64
1,3-Dichlorobenzene
Concen: 49.547 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

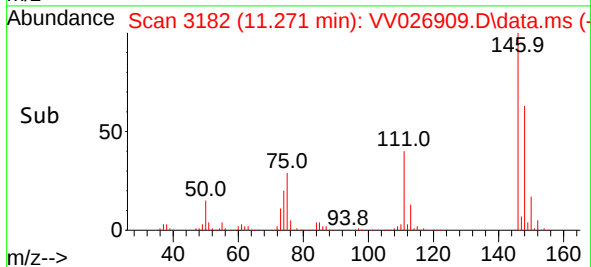
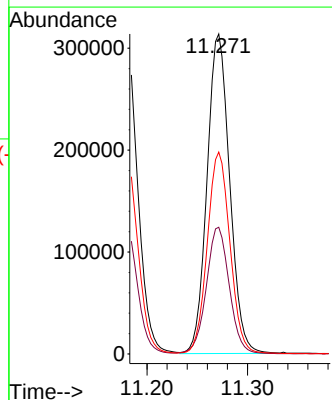
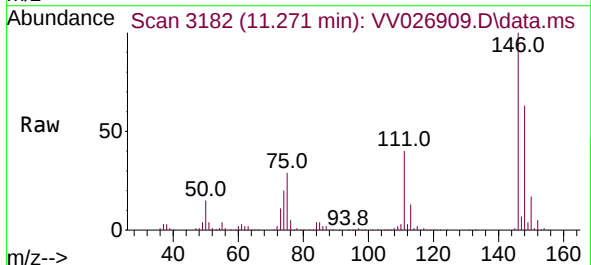
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

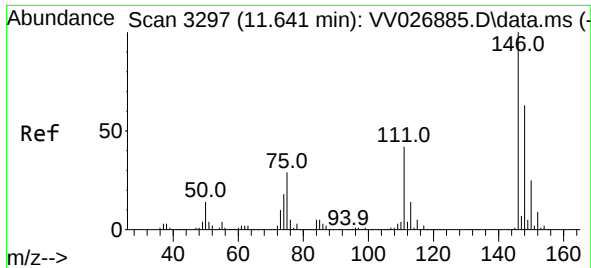
Tgt Ion:146 Resp: 482752
Ion Ratio Lower Upper
146 100
111 40.7 27.9 51.9
148 63.0 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 47.502 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion:146 Resp: 490413
Ion Ratio Lower Upper
146 100
111 39.6 27.4 51.0
148 63.1 44.4 82.4

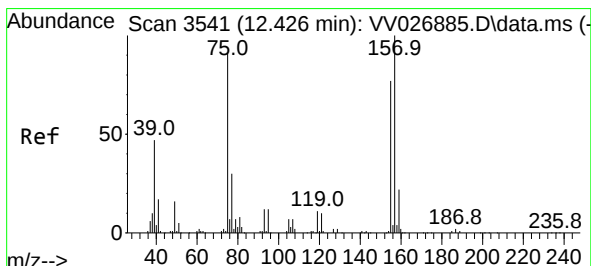
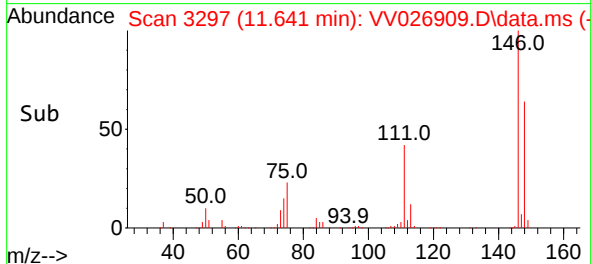
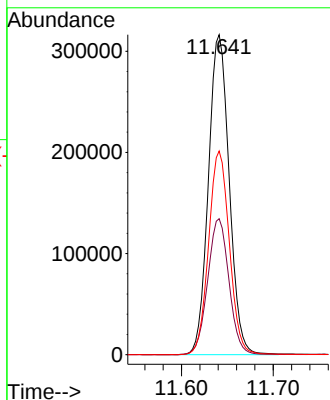
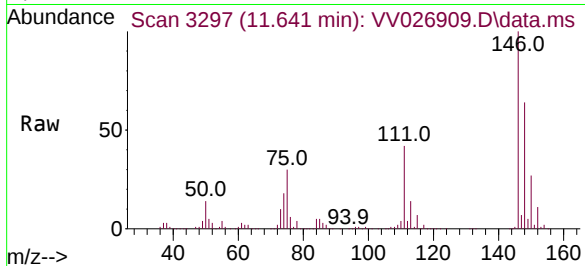




#67
1,2-Dichlorobenzene
Concen: 49.879 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

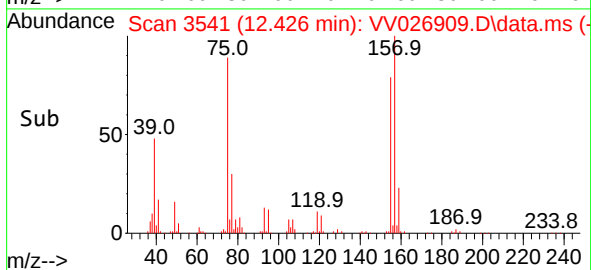
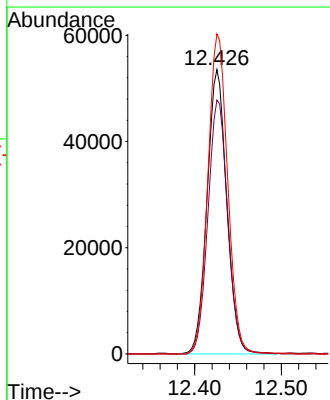
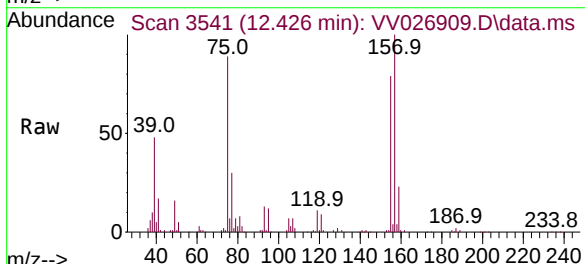
Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

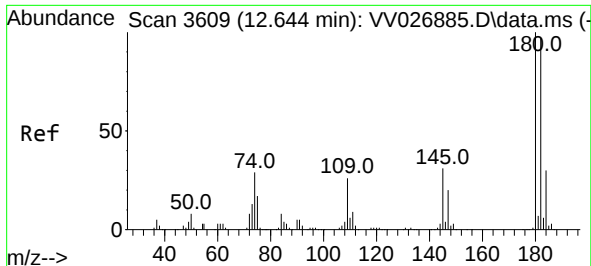
Tgt Ion:146 Resp: 498622
Ion Ratio Lower Upper
146 100
111 42.5 33.2 49.8
148 63.7 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 48.907 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion: 75 Resp: 84608
Ion Ratio Lower Upper
75 100
155 89.3 67.7 101.5
157 112.6 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 45.955 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

Instrument :

MSVOA_V

ClientSampleId :

DBUD4MSD

Tgt Ion:180 Resp: 316983

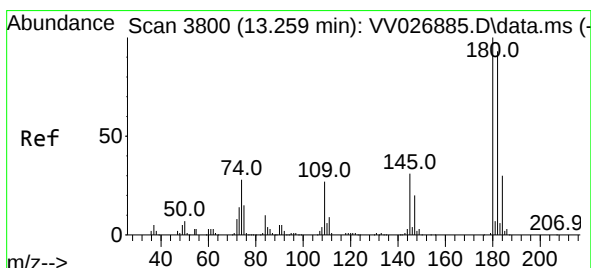
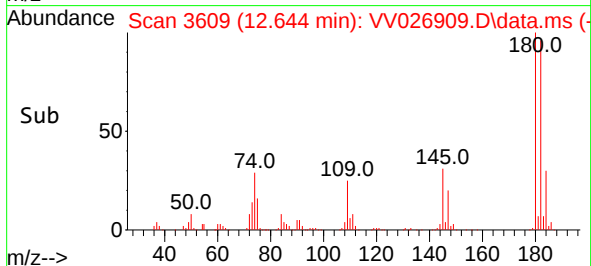
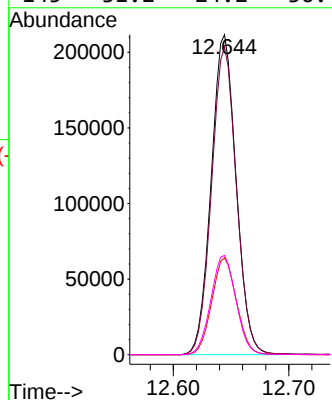
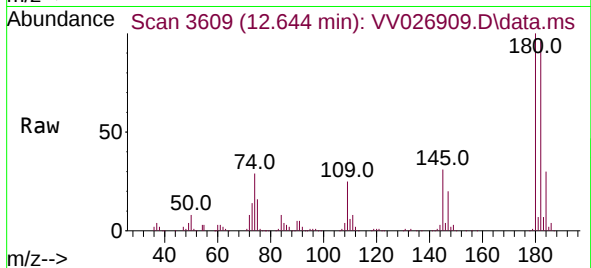
Ion Ratio Lower Upper

180 100

182 95.7 75.6 113.4

184 30.1 23.8 35.8

145 31.2 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 47.457 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026909.D

Acq: 23 Jul 2022 00:11

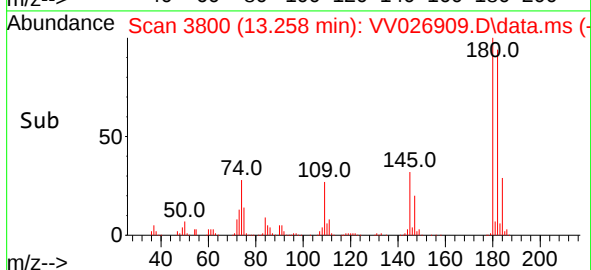
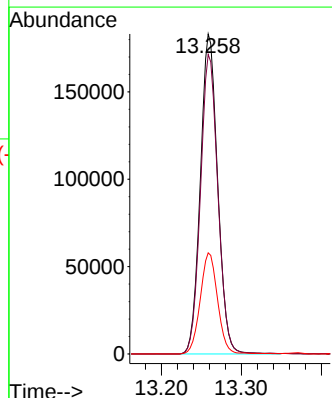
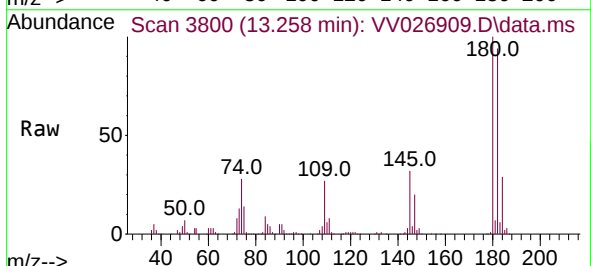
Tgt Ion:180 Resp: 275808

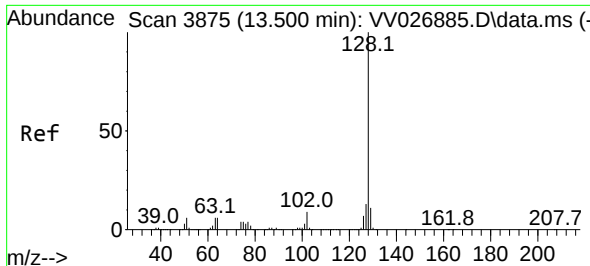
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.4

145 31.5 25.0 37.6

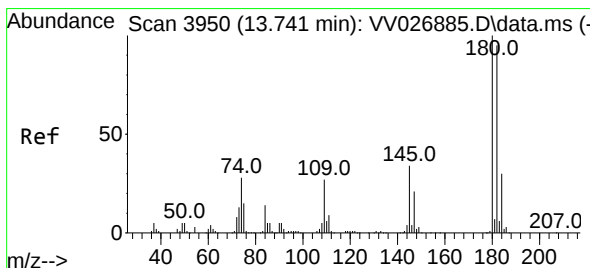
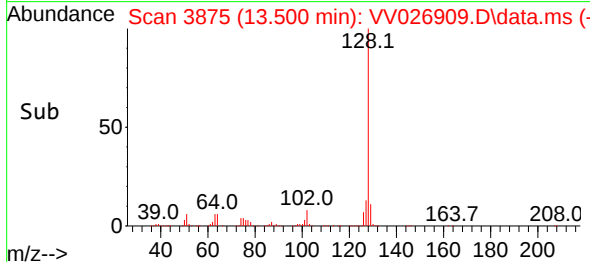
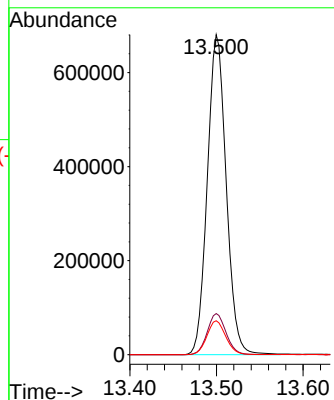
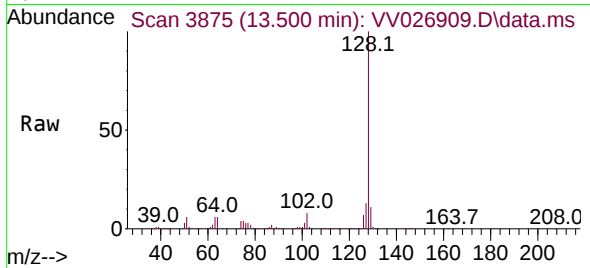




#71
Naphthalene
Concen: 56.490 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Instrument :
MSVOA_V
ClientSampleId :
DBUD4MSD

Tgt Ion:128 Resp: 1032407
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 50.550 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026909.D
Acq: 23 Jul 2022 00:11

Tgt Ion:180 Resp: 306453
Ion Ratio Lower Upper
180 100
182 96.3 75.4 113.2
145 34.6 26.6 40.0

