

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034589.D
 Acq On : 14 Mar 2024 09:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 03:27:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 02:21:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	324151	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	299166	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	158828	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	156435	55.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.340%
7) Chloroethane-d5	1.529	69	124255	56.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.520%
11) 1,1-Dichloroethene-d2	2.056	65	69755	54.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.780%
21) 2-Butanone-d5	3.783	46	195469	104.018	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.020%
24) Chloroform-d	4.243	84	275325	55.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.820%
26) 1,2-Dichloroethane-d4	4.937	65	178426	54.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.900%
32) Benzene-d6	4.957	84	525435	58.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.380%
36) 1,2-Dichloropropane-d6	5.985	67	159683	57.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.900%
41) Toluene-d8	7.239	98	463405	56.715	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.440%
43) trans-1,3-Dichloroprop...	7.548	79	74884	54.119	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.240%
47) 2-Hexanone-d5	8.021	63	138881	100.935	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.930%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	193186	53.276	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.560%
66) 1,2-Dichlorobenzene-d4	11.558	152	173460	53.430	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	173079	50.904	ug/L	98
3) Chloromethane	1.214	50	164729	49.305	ug/L	99
5) Vinyl chloride	1.285	62	163636	50.456	ug/L	99
6) Bromomethane	1.487	94	98337	50.537	ug/L	100
8) Chloroethane	1.545	64	98221	50.955	ug/L	99
9) Trichlorofluoromethane	1.712	101	243669	50.172	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	136580	52.178	ug/L	97
12) 1,1-Dichloroethene	2.069	96	122374	50.417	ug/L	98
13) Acetone	2.114	43	245909	108.853	ug/L	99
14) Carbon disulfide	2.240	76	349978	51.954	ug/L	100
15) Methyl Acetate	2.371	43	155762	53.895	ug/L	100
16) Methylene chloride	2.445	84	137437	53.381	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	122771	52.259	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	449908	53.328	ug/L	99
19) 1,1-Dichloroethane	3.108	63	249771	54.273	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	139497	54.726	ug/L	94
22) 2-Butanone	3.863	43	245518	110.058	ug/L	97
23) Bromochloromethane	4.143	128	71254	54.059	ug/L	98
25) Chloroform	4.272	83	254280	53.308	ug/L	99

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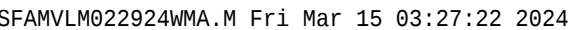
Instrument :
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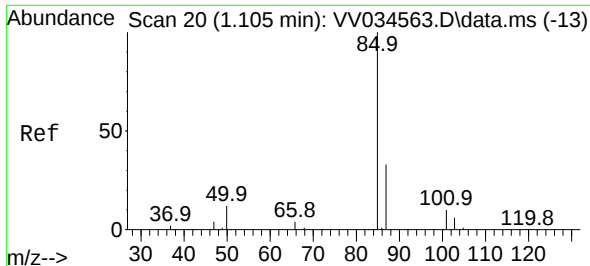
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	202653	52.291	ug/L	99
29) Cyclohexane	4.577	56	209533	53.248	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	228443	53.250	ug/L	100
31) Carbon tetrachloride	4.731	117	203104	53.474	ug/L	97
33) Benzene	5.005	78	510212	54.944	ug/L	100
34) Trichloroethene	5.828	95	142650	54.042	ug/L	97
35) Methylcyclohexane	6.047	83	219815	54.777	ug/L	99
37) 1,2-Dichloropropane	6.088	63	136056	55.963	ug/L	99
38) Bromodichloromethane	6.429	83	190116	55.594	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	214881	54.552	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	379056	105.736	ug/L	100
42) Toluene	7.313	91	525536	53.474	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	201815	53.272	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	126522	53.936	ug/L	99
46) Tetrachloroethene	7.902	164	102248	52.086	ug/L	99
48) 2-Hexanone	8.072	43	324350	113.543	ug/L	99
49) Dibromochloromethane	8.172	129	134409	54.297	ug/L	98
50) 1,2-Dibromoethane	8.281	107	132877	53.381	ug/L	100
51) Chlorobenzene	8.812	112	333084	52.425	ug/L	98
52) Ethylbenzene	8.944	91	586362	53.247	ug/L	100
53) m,p-Xylene	9.069	106	222080	53.144	ug/L	99
54) o-Xylene	9.477	106	214353	52.384	ug/L	99
55) Styrene	9.493	104	377268	54.453	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	184422	52.344	ug/L	99
59) Bromoform	9.664	173	94464	53.644	ug/L	98
60) Isopropylbenzene	9.863	105	601327	53.531	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	158135	52.158	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	501387	52.913	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	506379	54.032	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	273217	52.605	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	274819	52.106	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	270423	51.961	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	45040	49.871	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	202694	52.022	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	182282	51.993	ug/L	100
71) Naphthalene	13.438	128	439485	46.863	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	178157	52.091	ug/L	99

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

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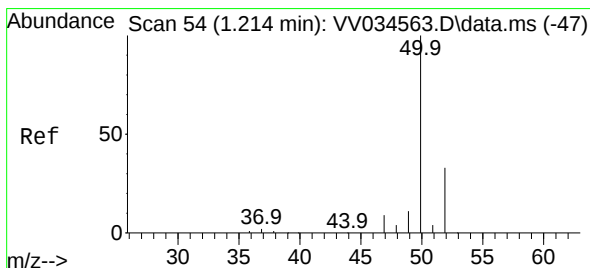
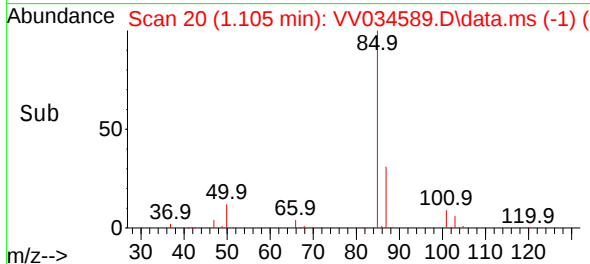
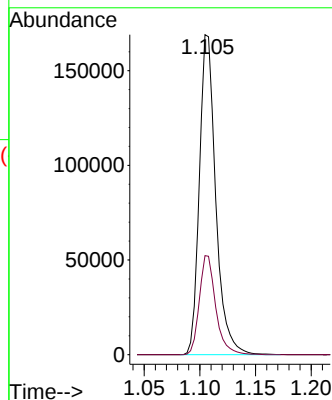
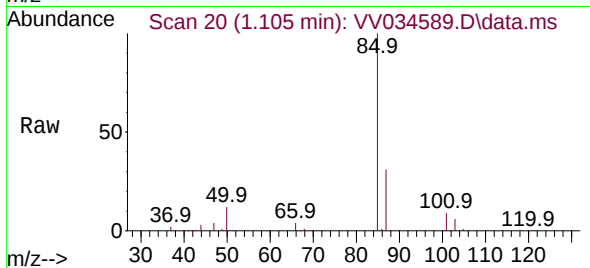




#2
 Dichlorodifluoromethane
 Concen: 50.904 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
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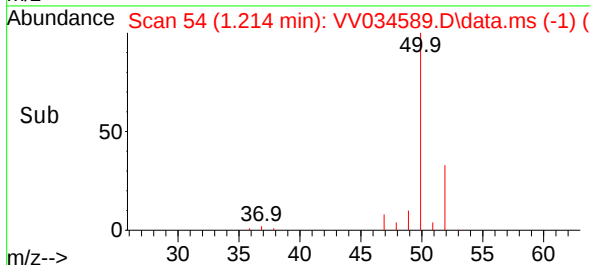
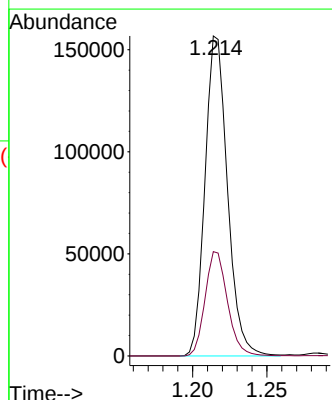
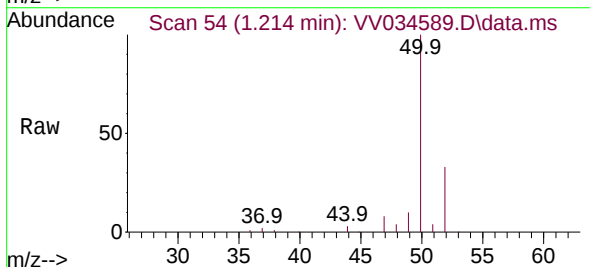
Instrument :
 MSVOA_V
 ClientSampleId :

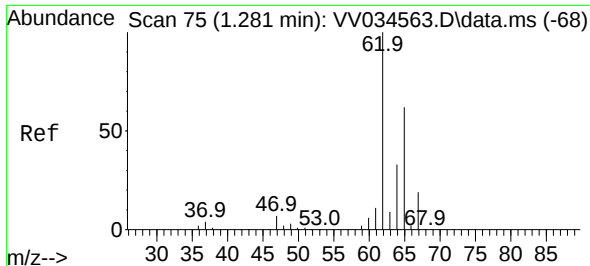
Tgt Ion: 85 Resp: 173079
 Ion Ratio Lower Upper
 85 100
 87 30.9 25.5 38.3



#3
 Chloromethane
 Concen: 49.305 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV034589.D
 Acq: 14 Mar 2024 09:12

Tgt Ion: 50 Resp: 164729
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.8

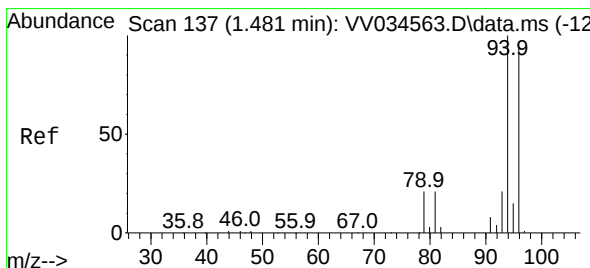
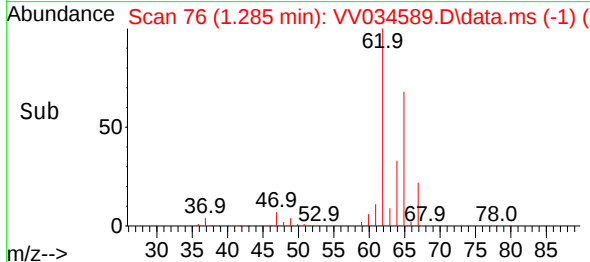
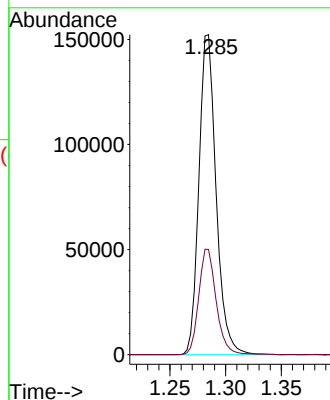
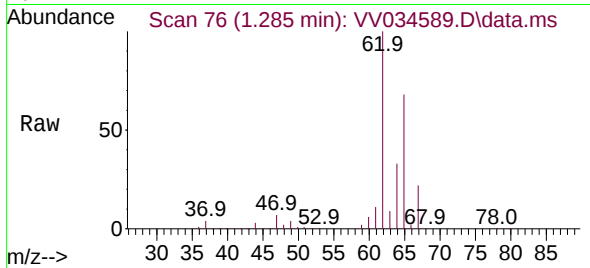




#5
 Vinyl chloride
 Concen: 50.456 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV034589.D
 Acq: 14 Mar 2024 09:12

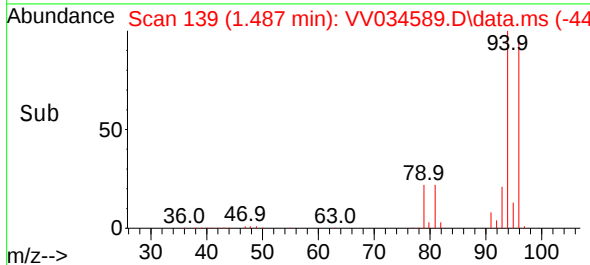
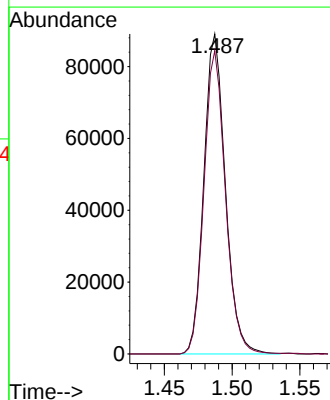
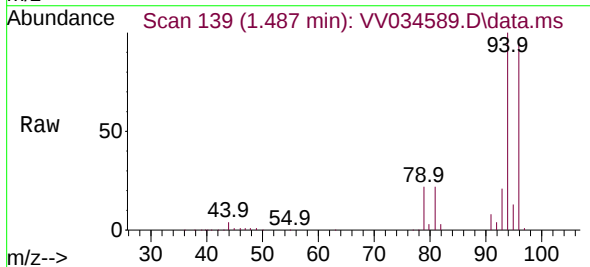
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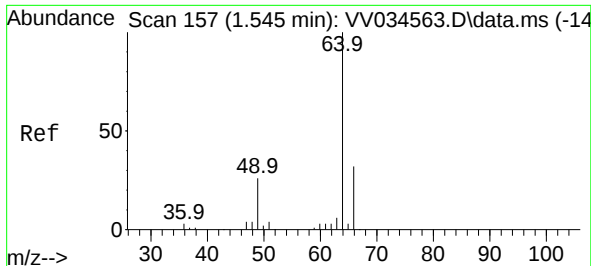
Tgt Ion: 62 Resp: 163636
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.6



#6
 Bromomethane
 Concen: 50.537 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.006 min
 Lab File: VV034589.D
 Acq: 14 Mar 2024 09:12

Tgt Ion: 94 Resp: 98337
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.0 122.6

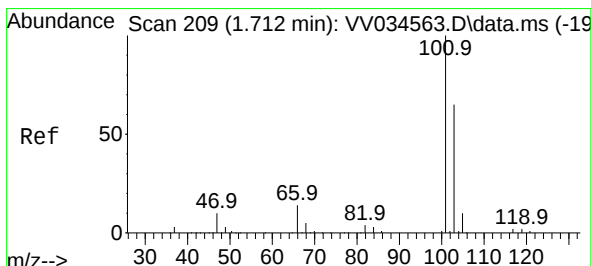
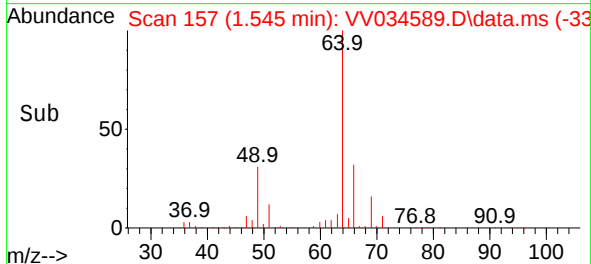
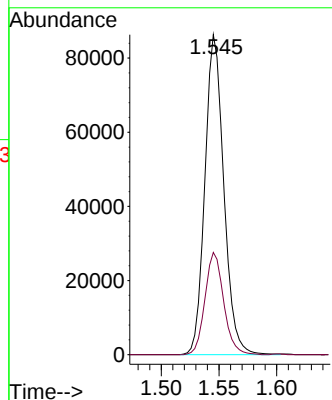
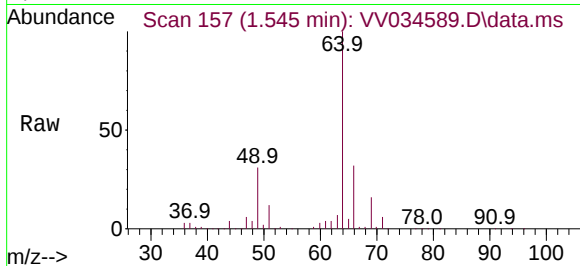




#8
Chloroethane
Concen: 50.955 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

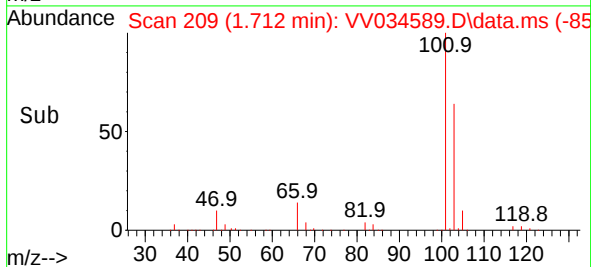
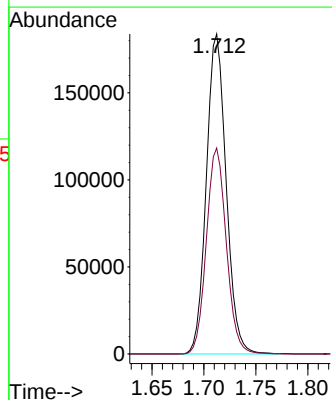
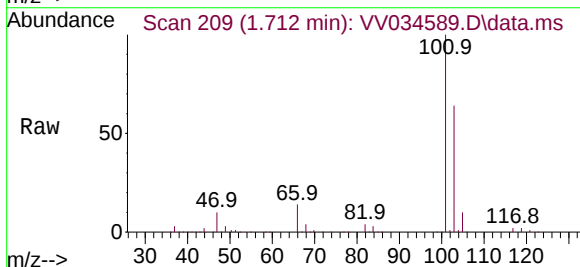
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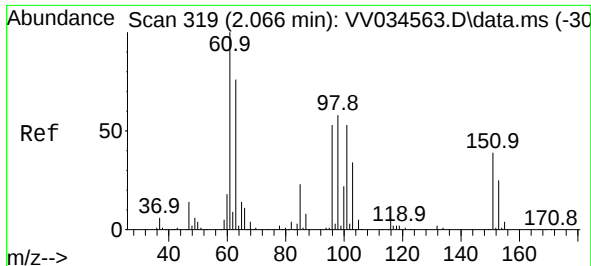
Tgt Ion: 64 Resp: 98221
Ion Ratio Lower Upper
64 100
66 32.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 50.172 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Tgt Ion:101 Resp: 243669
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

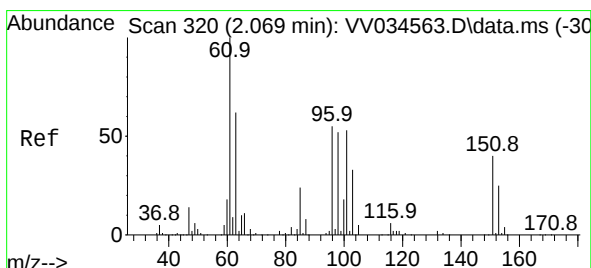
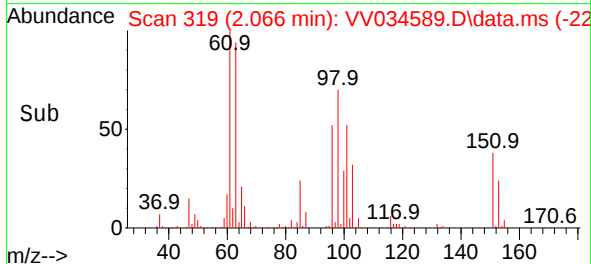
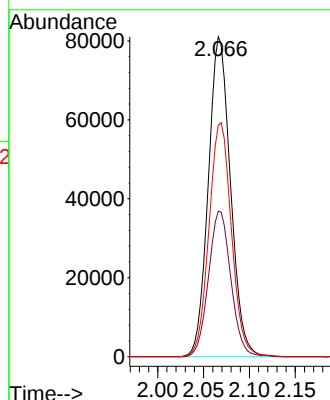
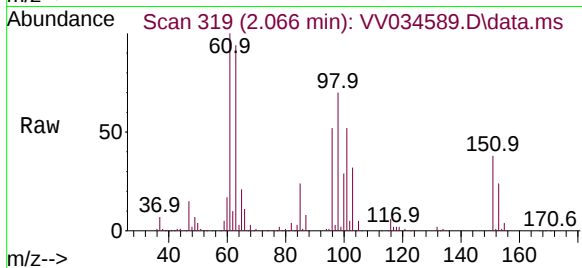




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.178 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV034589.D
 Acq: 14 Mar 2024 09:12

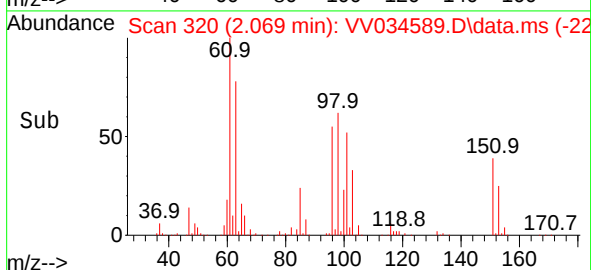
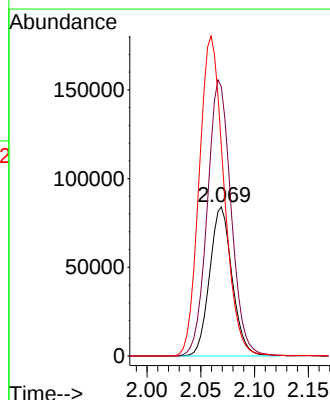
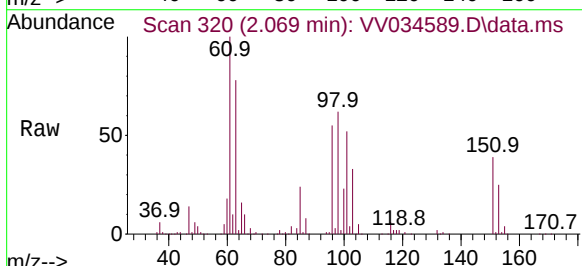
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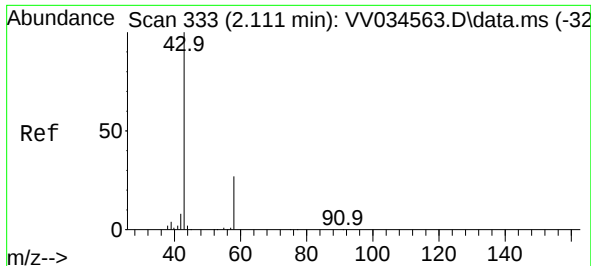
Tgt Ion:101 Resp: 136580
 Ion Ratio Lower Upper
 101 100
 85 45.7 37.4 56.0
 151 74.0 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 50.417 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034589.D
 Acq: 14 Mar 2024 09:12

Tgt Ion: 96 Resp: 122374
 Ion Ratio Lower Upper
 96 100
 61 180.5 128.9 239.3
 63 140.7 98.0 182.0





#13

Acetone

Concen: 108.853 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

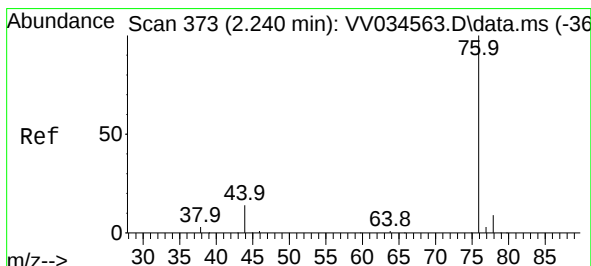
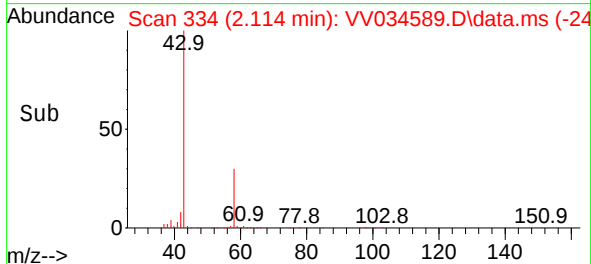
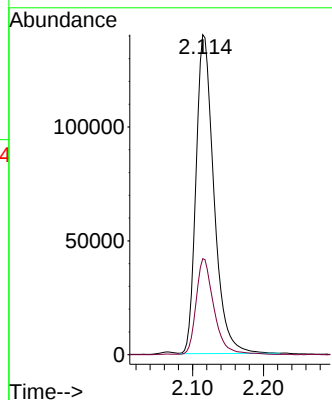
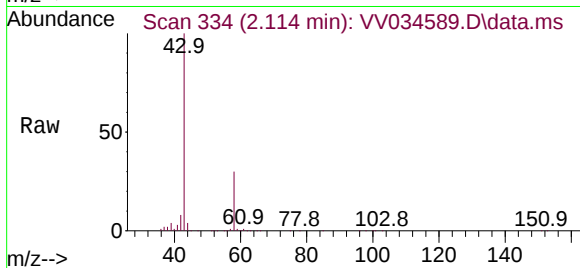
ClientSampleId :

Tgt Ion: 43 Resp: 245909

Ion Ratio Lower Upper

43 100

58 29.4 0.0 57.2



#14

Carbon disulfide

Concen: 51.954 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034589.D

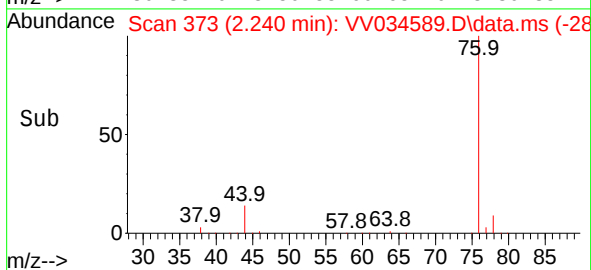
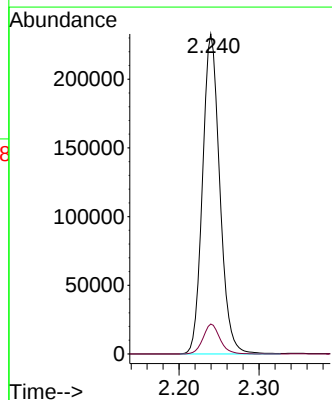
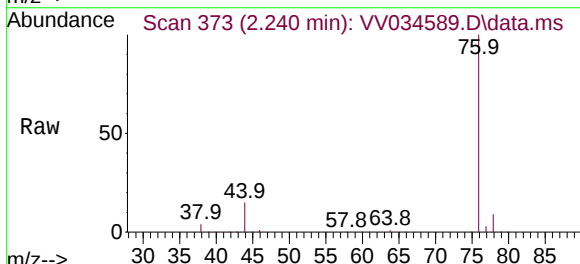
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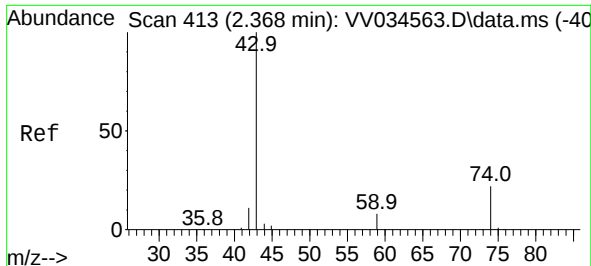
Tgt Ion: 76 Resp: 349978

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 53.895 ug/L

RT: 2.371 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV034589.D

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Instrument :

MSVOA_V

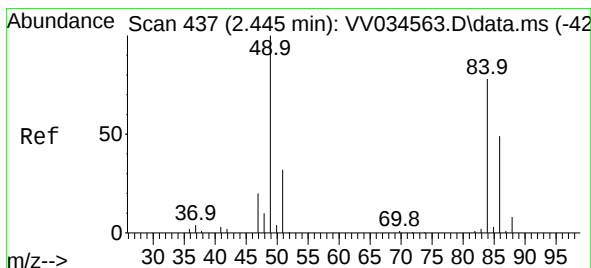
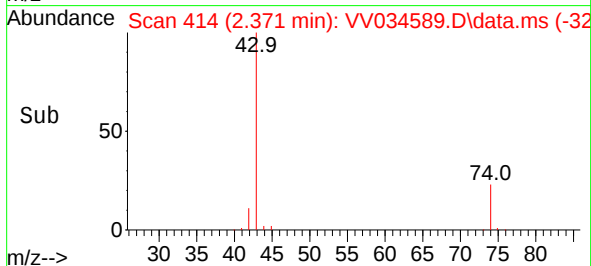
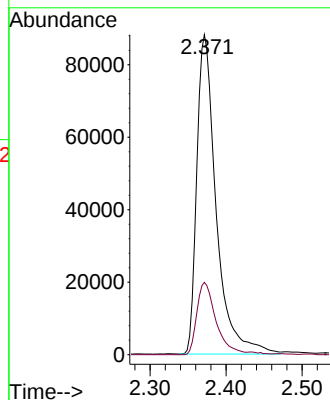
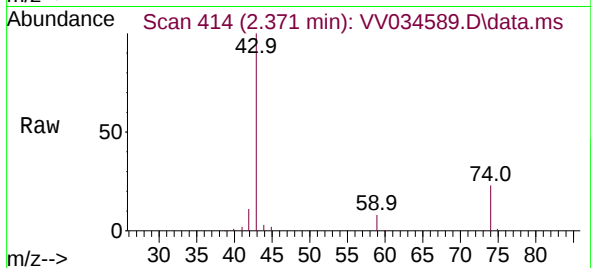
ClientSampleId :

Tgt Ion: 43 Resp: 155762

Ion Ratio Lower Upper

43 100

74 22.3 17.8 26.8



#16

Methylene chloride

Concen: 53.381 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

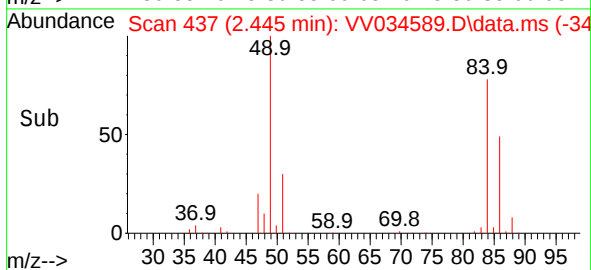
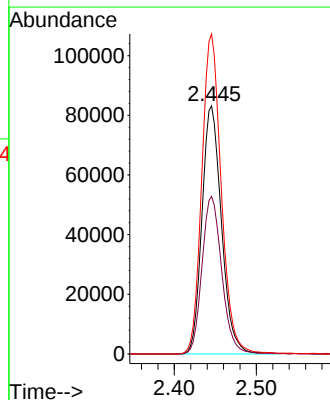
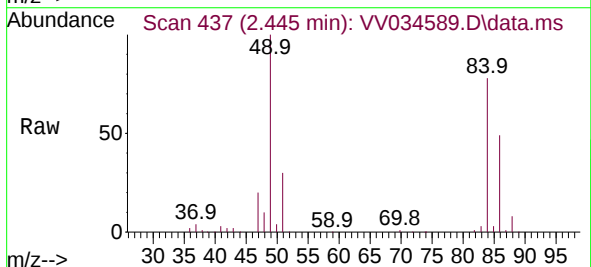
Tgt Ion: 84 Resp: 137437

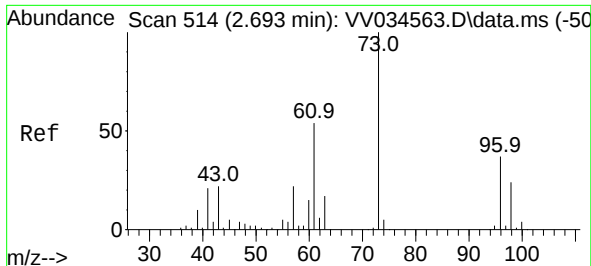
Ion Ratio Lower Upper

84 100

86 63.5 45.6 84.6

49 129.0 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 52.259 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

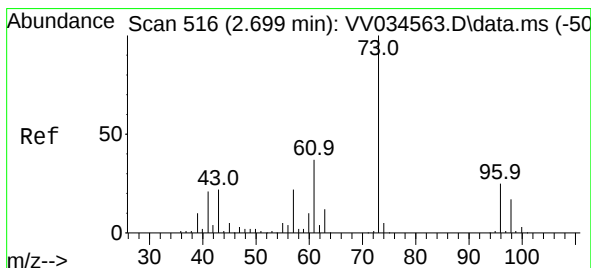
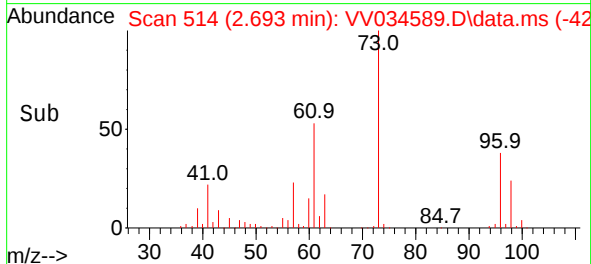
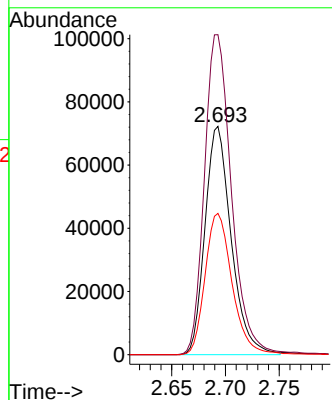
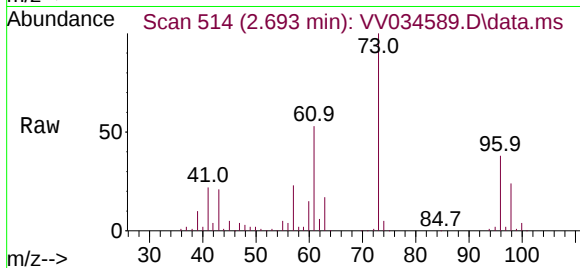
Tgt Ion: 96 Resp: 122771

Ion Ratio Lower Upper

96 100

61 140.2 98.8 183.4

98 61.9 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 53.328 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

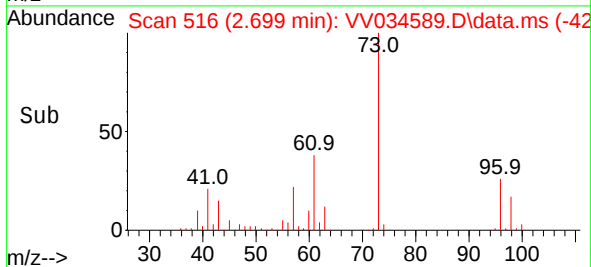
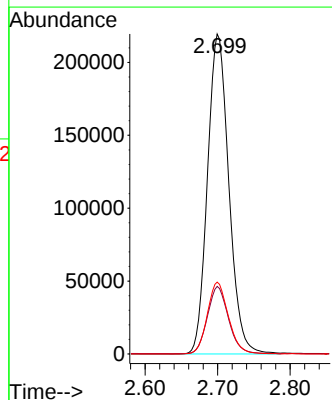
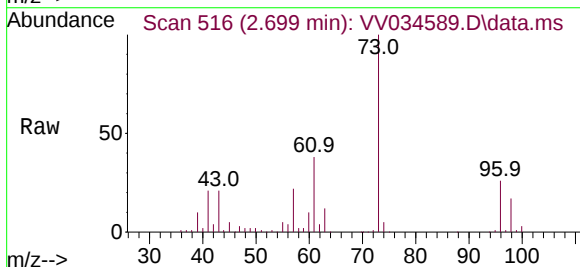
Tgt Ion: 73 Resp: 449908

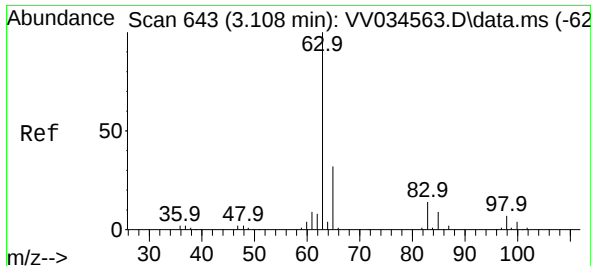
Ion Ratio Lower Upper

73 100

43 20.7 17.1 25.7

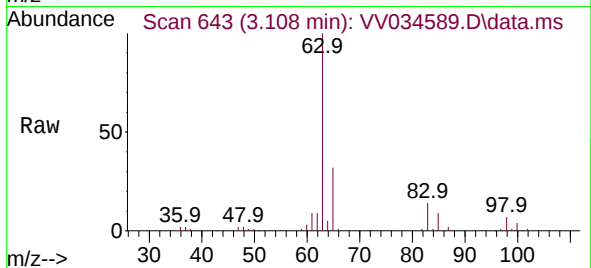
57 22.1 17.6 26.4



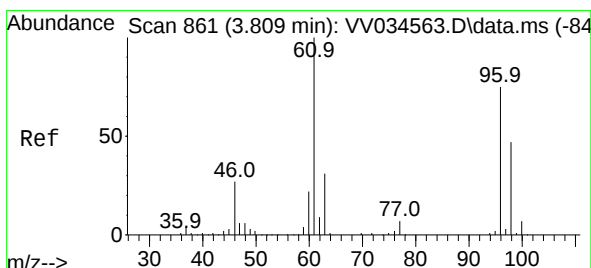
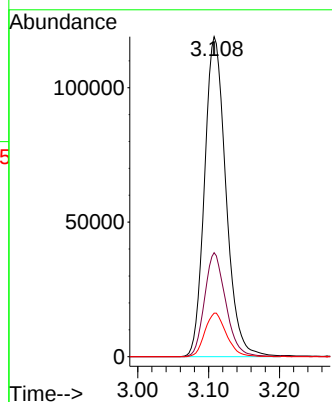
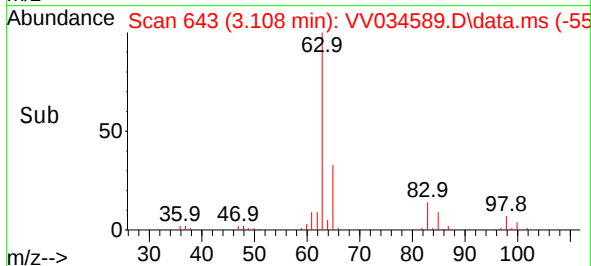


#19
1,1-Dichloroethane
Concen: 54.273 ug/L
RT: 3.108 min Scan# 643
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Instrument :
MSVOA_V
ClientSampleId :

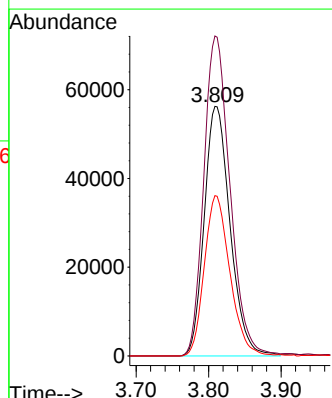
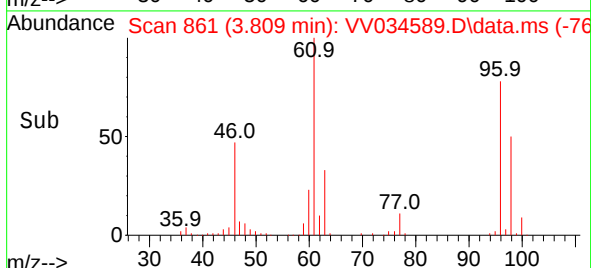
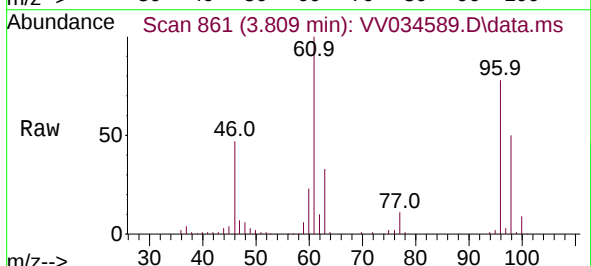


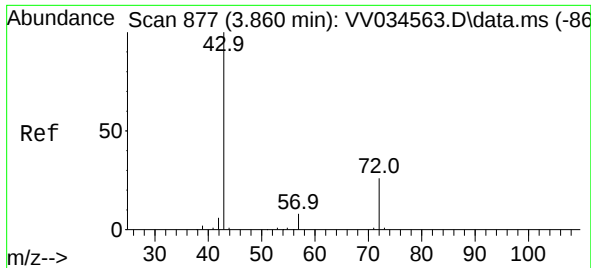
Tgt Ion: 63 Resp: 249771
Ion Ratio Lower Upper
63 100
65 32.5 22.1 41.1
83 13.6 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 54.726 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

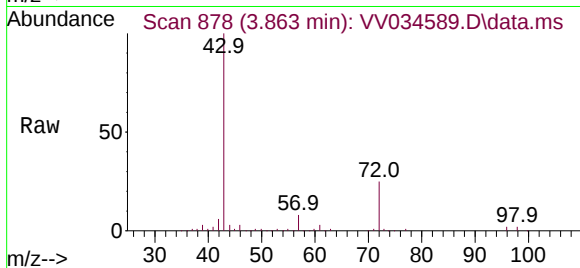
Tgt Ion: 96 Resp: 139497
Ion Ratio Lower Upper
96 100
61 128.2 96.0 178.4
98 64.3 46.0 85.4



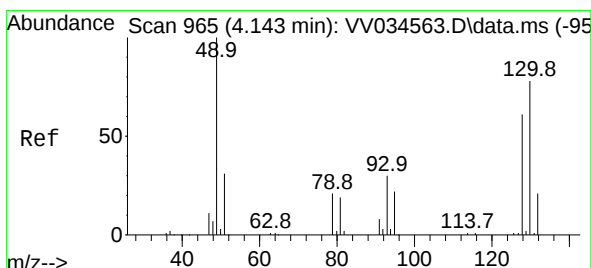
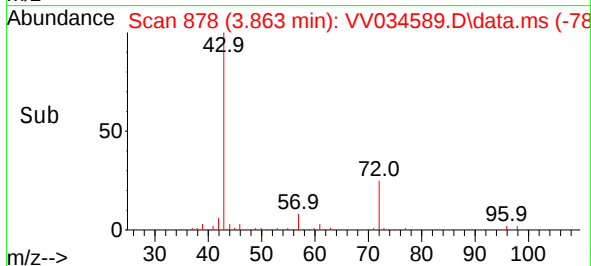
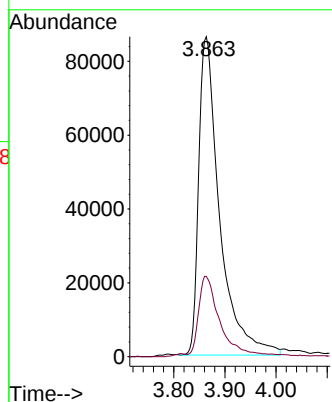


#22
2-Butanone
Concen: 110.058 ug/L
RT: 3.863 min Scan# 877
Delta R.T. 0.003 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Instrument :
MSVOA_V
ClientSampleId :

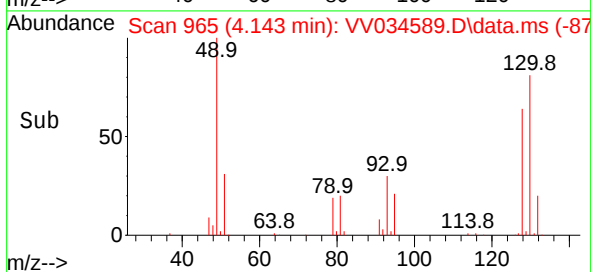
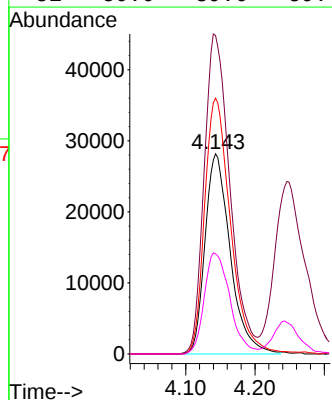
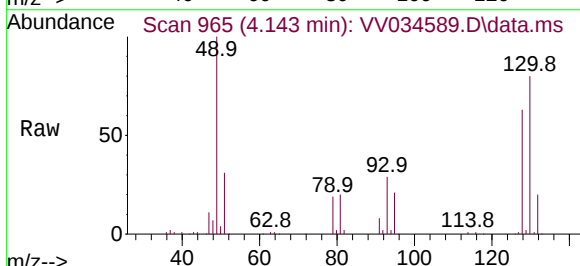


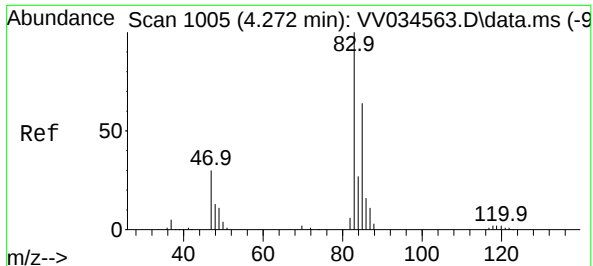
Tgt Ion: 43 Resp: 245518
Ion Ratio Lower Upper
43 100
72 24.2 11.5 34.4



#23
Bromochloromethane
Concen: 54.059 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Tgt Ion:128 Resp: 71254
Ion Ratio Lower Upper
128 100
49 159.1 109.4 203.2
130 127.9 87.7 162.9
51 50.0 39.6 59.4





#25

Chloroform

Concen: 53.308 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

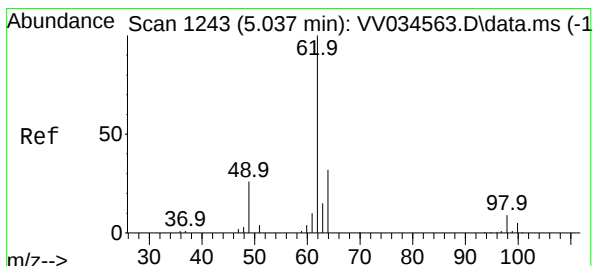
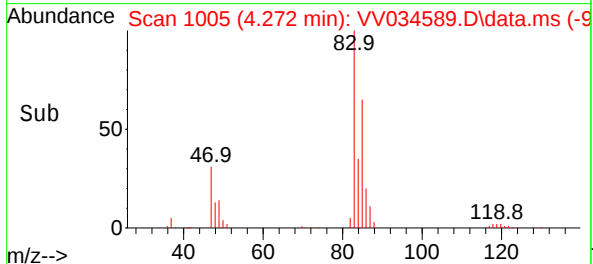
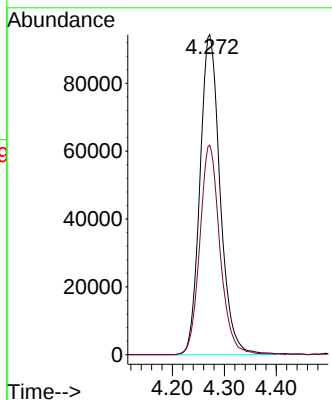
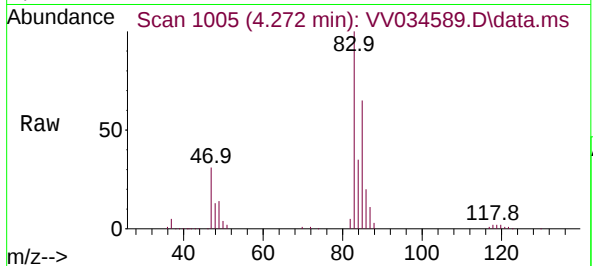
ClientSampleId :

Tgt Ion: 83 Resp: 254280

Ion Ratio Lower Upper

83 100

85 65.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 52.291 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV034589.D

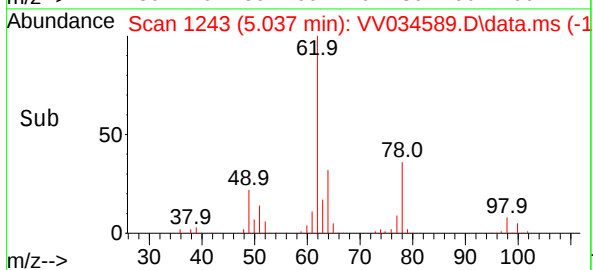
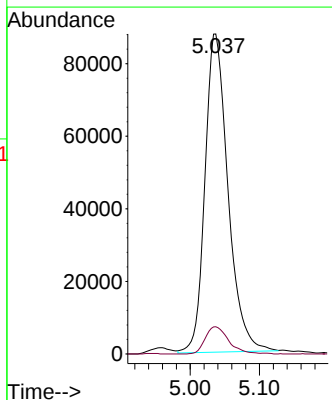
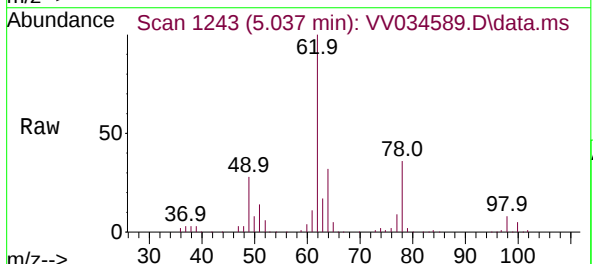
Acq: 14 Mar 2024 09:12

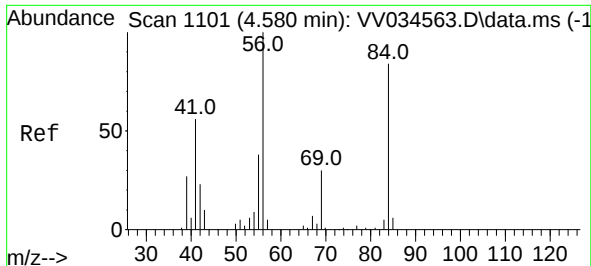
Tgt Ion: 62 Resp: 202653

Ion Ratio Lower Upper

62 100

98 8.5 6.6 10.0





#29

Cyclohexane

Concen: 53.248 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

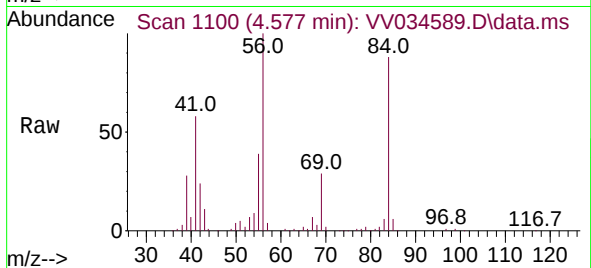
Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :



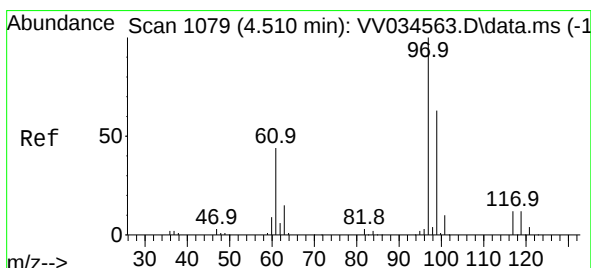
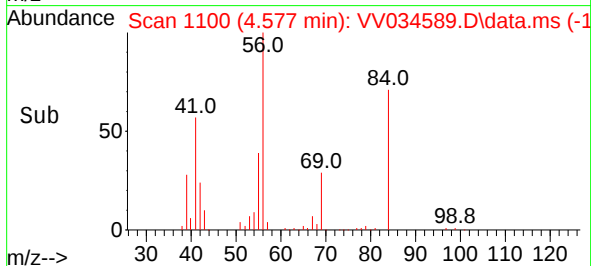
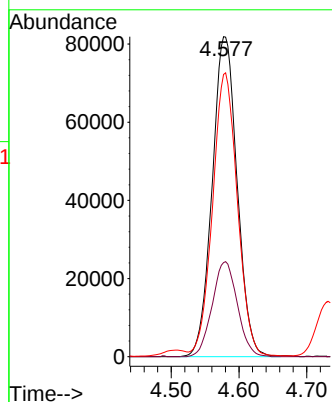
Tgt Ion: 56 Resp: 209533

Ion Ratio Lower Upper

56 100

69 30.0 24.2 36.4

84 87.7 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 53.250 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

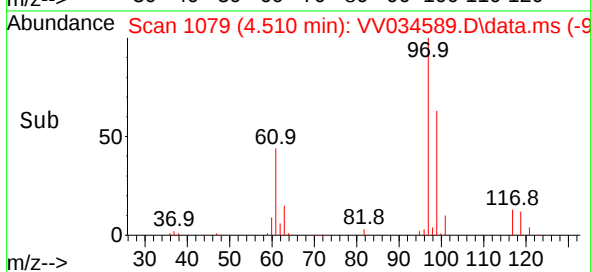
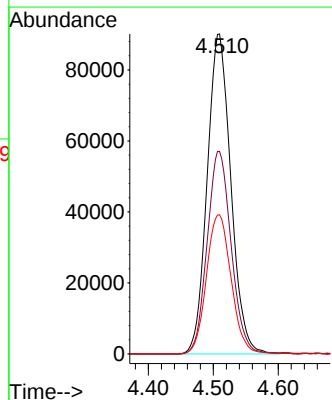
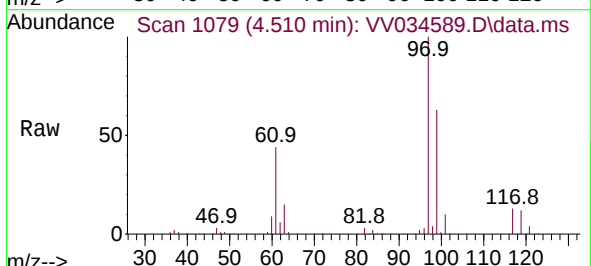
Tgt Ion: 97 Resp: 228443

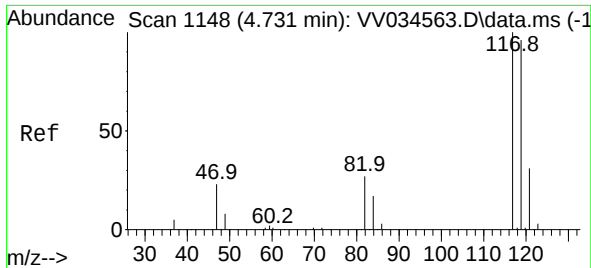
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

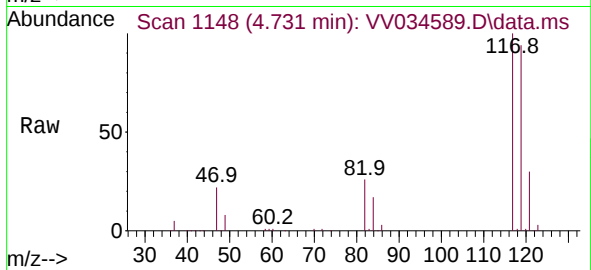
61 45.4 36.0 54.0



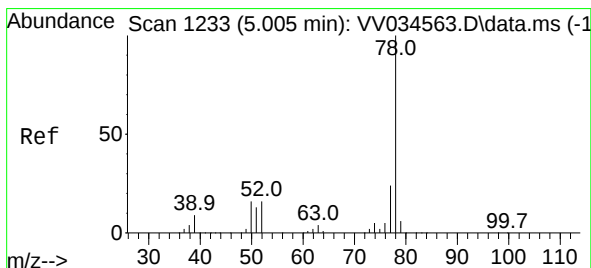
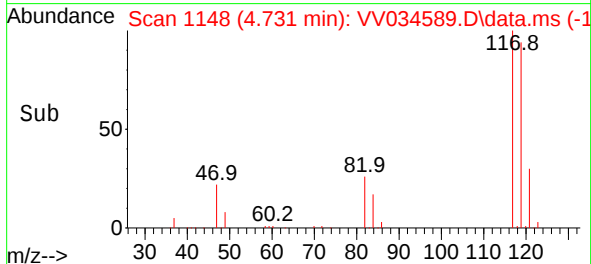
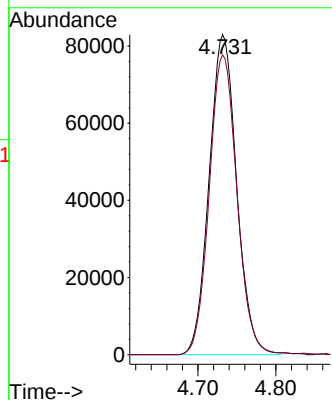


#31
Carbon tetrachloride
Concen: 53.474 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Instrument :
MSVOA_V
ClientSampleId :

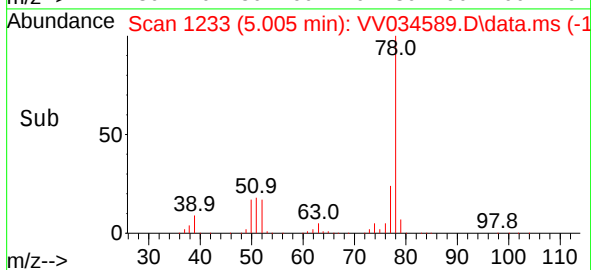
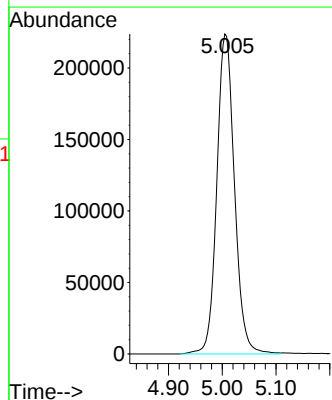
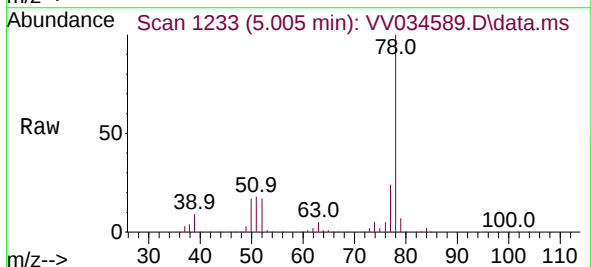


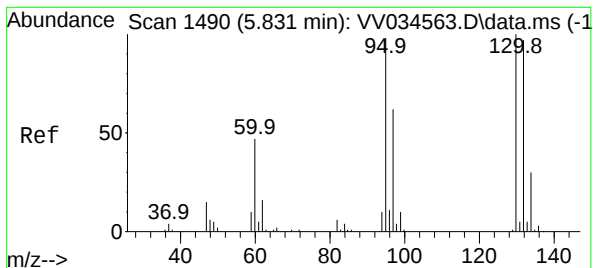
Tgt Ion:117 Resp: 203104
Ion Ratio Lower Upper
117 100
119 94.3 77.5 116.3



#33
Benzene
Concen: 54.944 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Tgt Ion: 78 Resp: 510212





#34

Trichloroethene

Concen: 54.042 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 142650

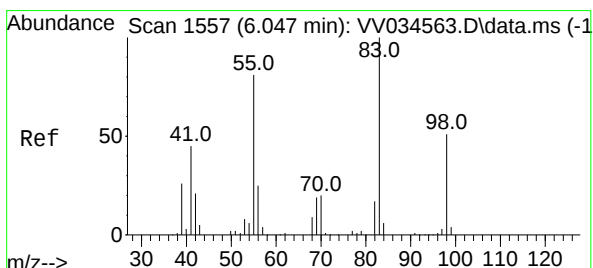
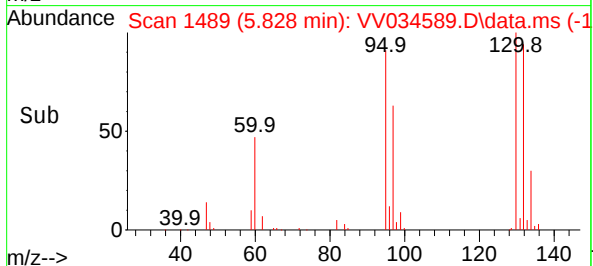
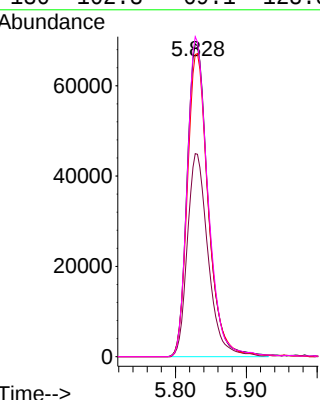
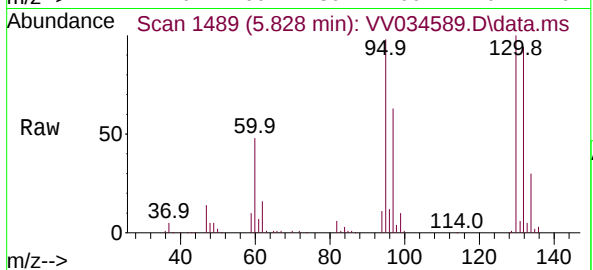
Ion Ratio Lower Upper

95 100

97 64.9 44.7 83.1

132 96.6 65.3 121.3

130 102.3 69.1 128.3



#35

Methylcyclohexane

Concen: 54.777 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

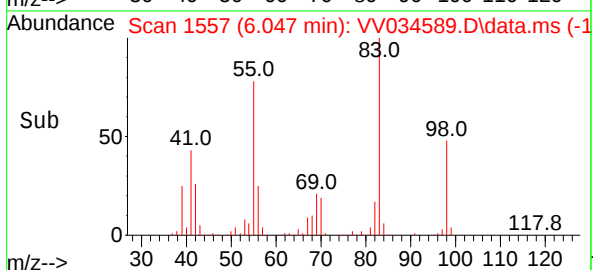
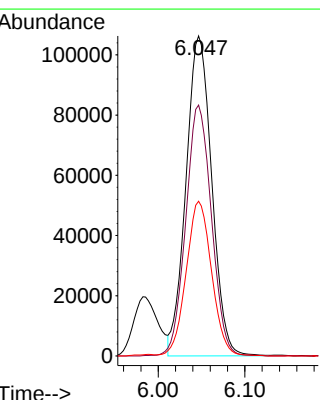
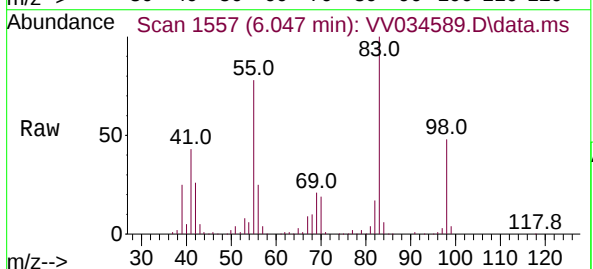
Tgt Ion: 83 Resp: 219815

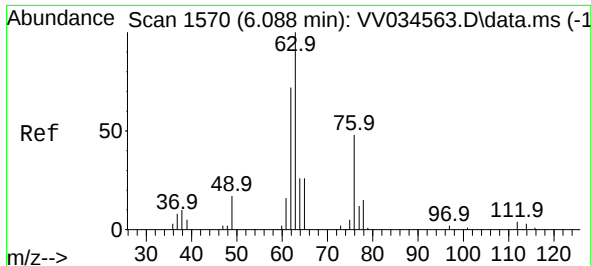
Ion Ratio Lower Upper

83 100

55 78.3 62.6 94.0

98 47.9 39.5 59.3

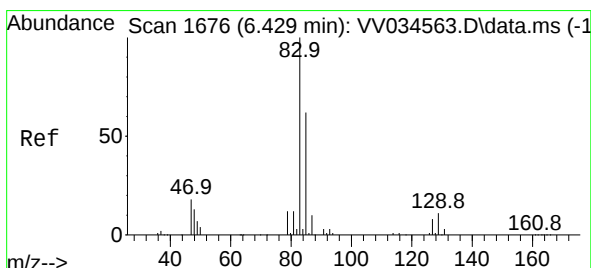
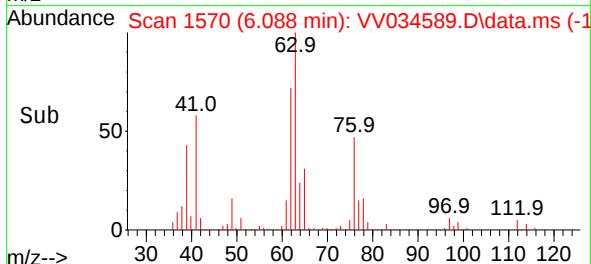
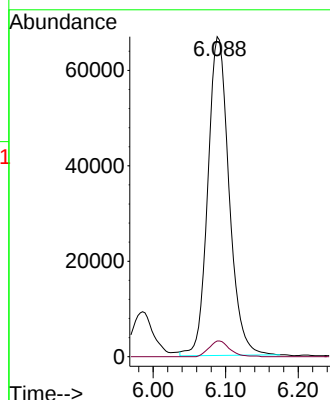
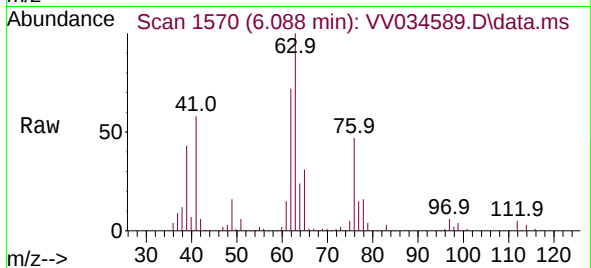




#37
1,2-Dichloropropane
Concen: 55.963 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

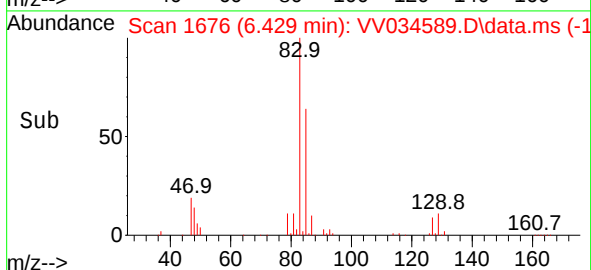
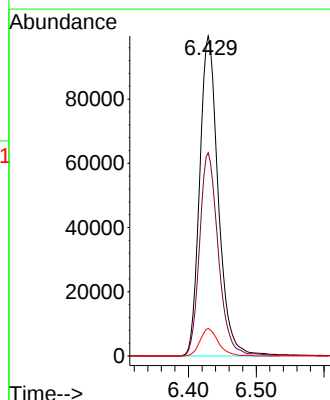
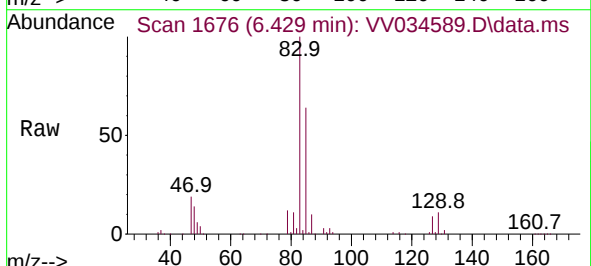
Instrument :
MSVOA_V
ClientSampleId :

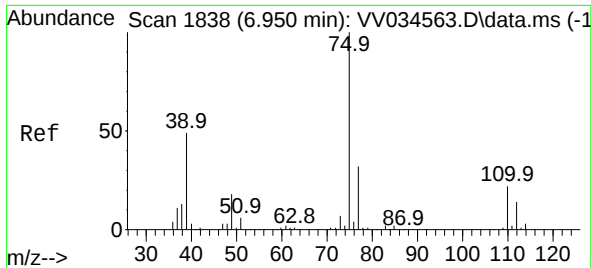
Tgt Ion: 63 Resp: 136056
Ion Ratio Lower Upper
63 100
112 4.8 3.5 5.3



#38
Bromodichloromethane
Concen: 55.594 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Tgt Ion: 83 Resp: 190116
Ion Ratio Lower Upper
83 100
85 63.5 44.6 82.8
127 8.6 6.9 10.3

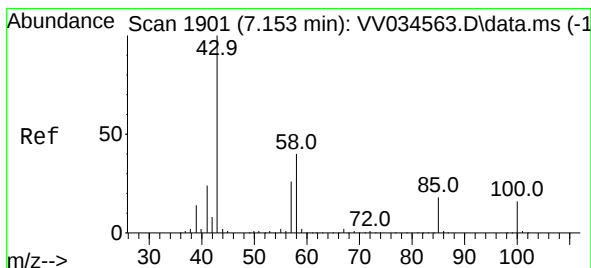
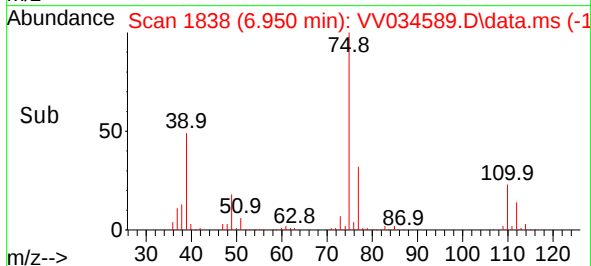
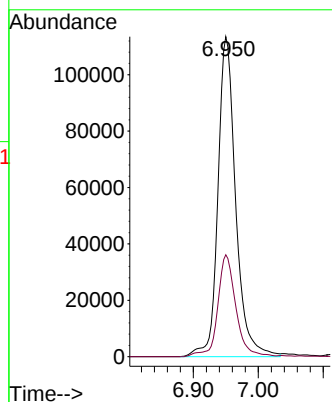
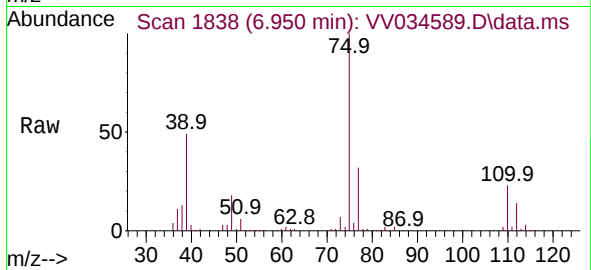




#39
 cis-1,3-Dichloropropene
 Concen: 54.552 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV034589.D
 Acq: 14 Mar 2024 09:12

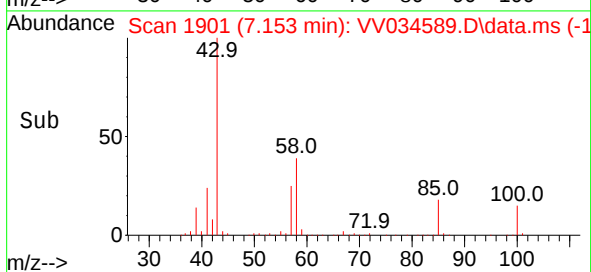
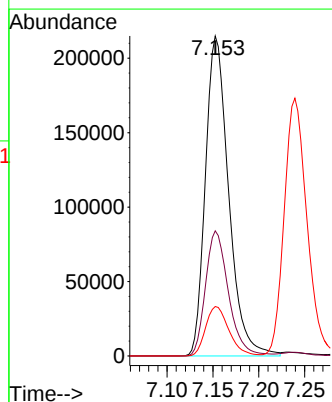
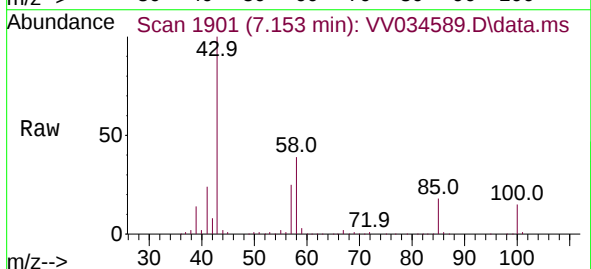
Instrument :
 MSVOA_V
 ClientSampleId :

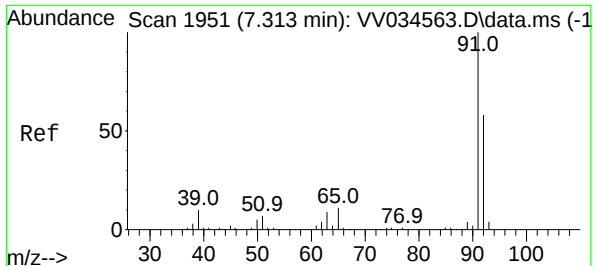
Tgt Ion: 75 Resp: 214881
 Ion Ratio Lower Upper
 75 100
 77 31.9 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 105.736 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV034589.D
 Acq: 14 Mar 2024 09:12

Tgt Ion: 43 Resp: 379056
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.6 46.0
 100 15.5 12.5 18.7





#42

Toluene

Concen: 53.474 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

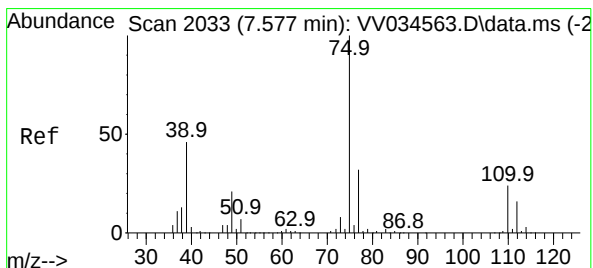
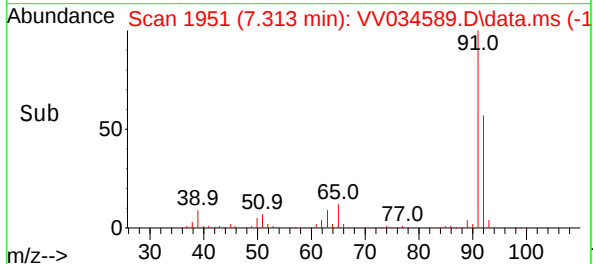
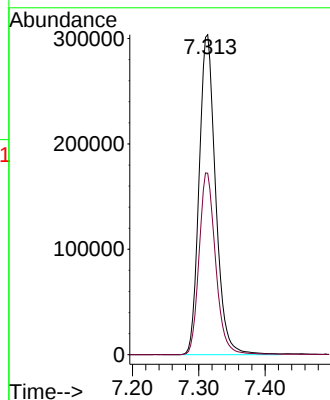
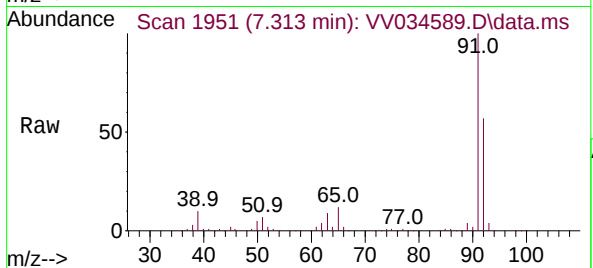
ClientSampleId :

Tgt Ion: 91 Resp: 525536

Ion Ratio Lower Upper

91 100

92 56.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 53.272 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV034589.D

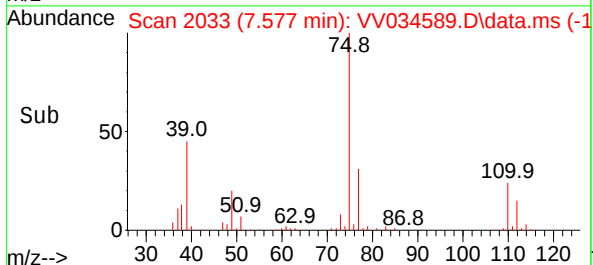
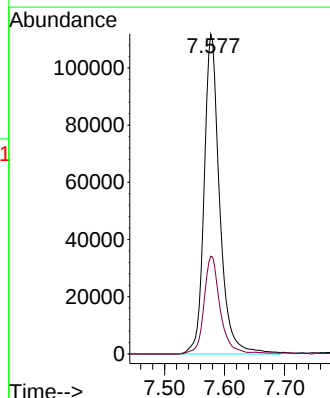
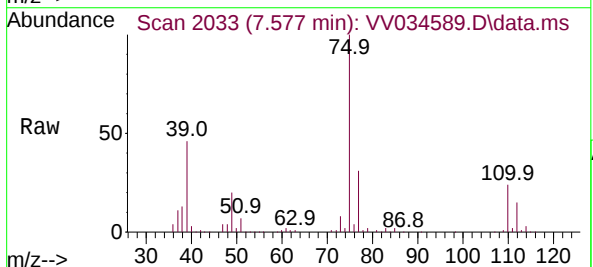
Acq: 14 Mar 2024 09:12

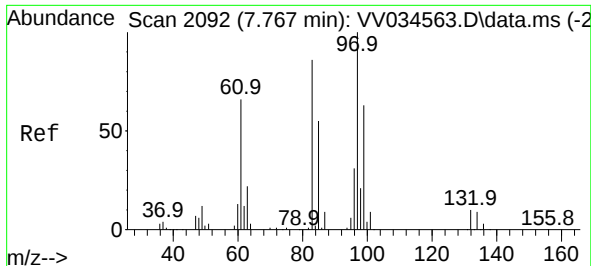
Tgt Ion: 75 Resp: 201815

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.4

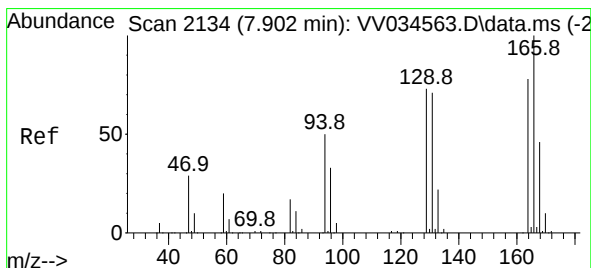
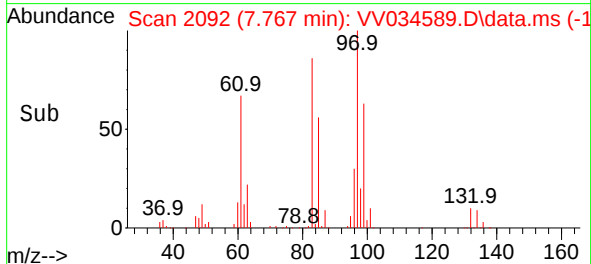
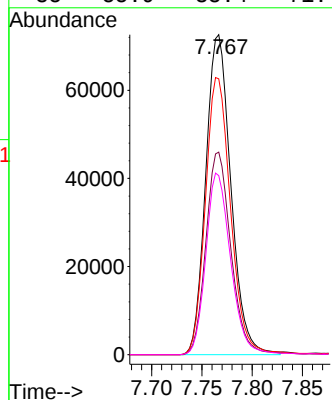
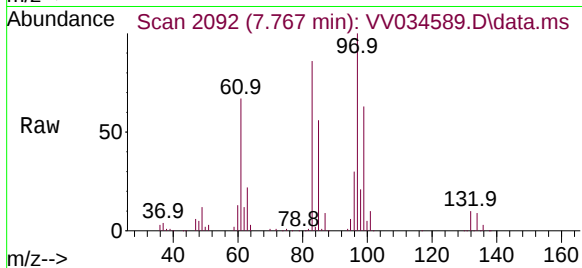




#45
1,1,2-Trichloroethane
Concen: 53.936 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

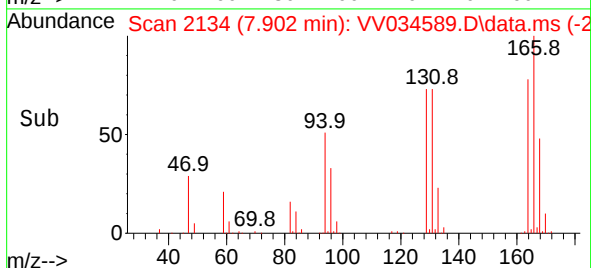
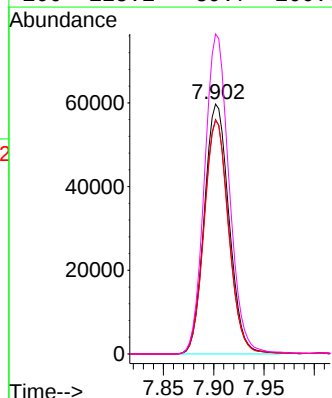
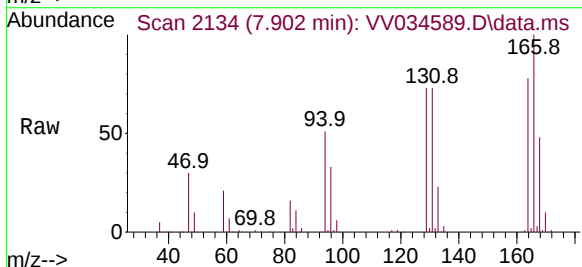
Instrument :
MSVOA_V
ClientSampleId :

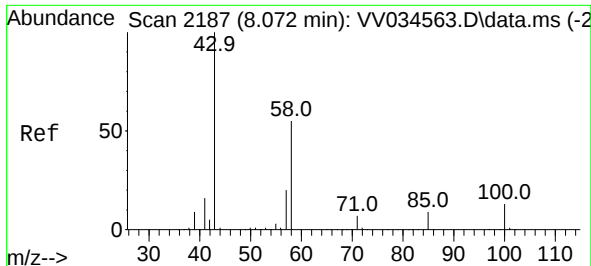
Tgt Ion:	97	Resp:	126522
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.8	81.4
83	86.2	59.4	110.2
85	55.9	38.4	71.4



#46
Tetrachloroethene
Concen: 52.086 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

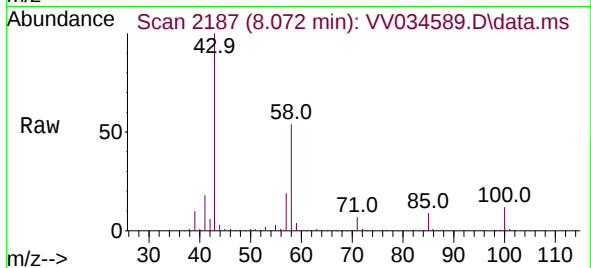
Tgt Ion:	164	Resp:	102248
Ion	Ratio	Lower	Upper
164	100		
129	93.8	65.7	121.9
131	93.5	62.2	115.6
166	128.1	89.7	166.7



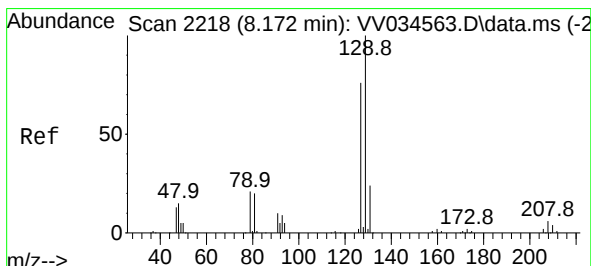
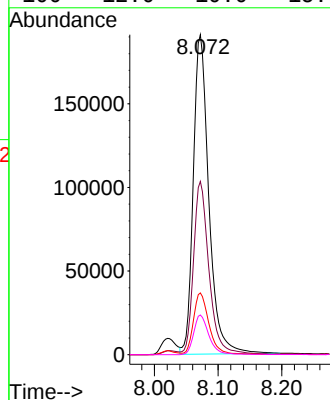
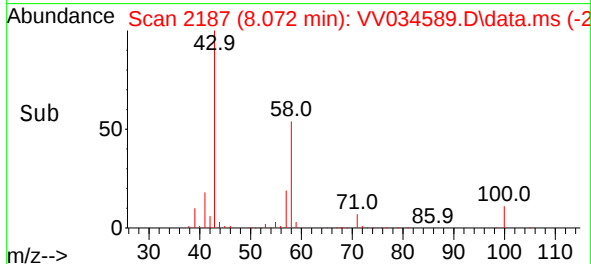


#48
2-Hexanone
Concen: 113.543 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Instrument :
MSVOA_V
ClientSampleId :

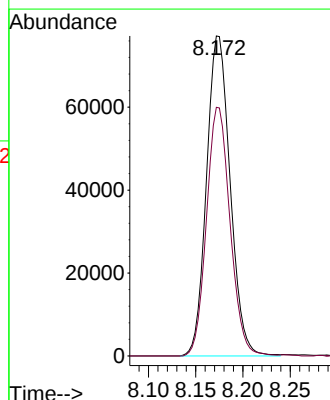
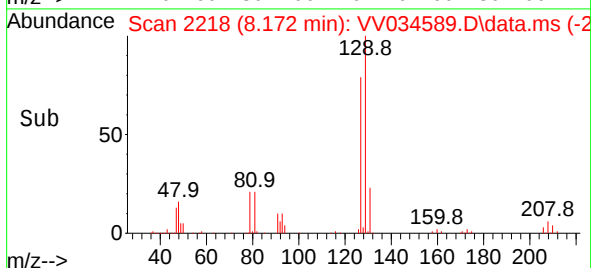
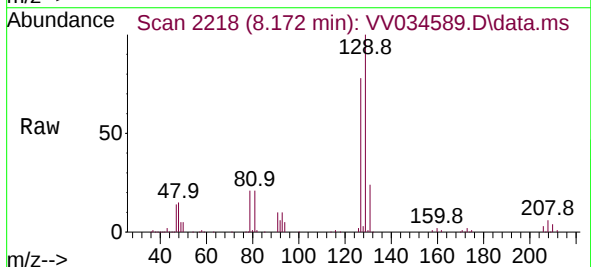


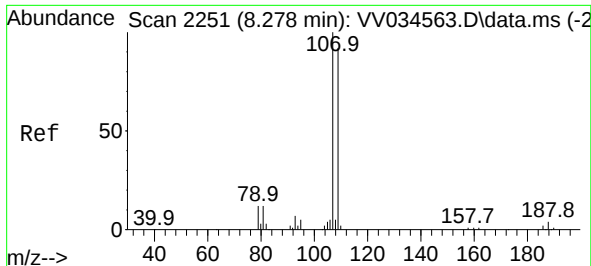
Tgt Ion: 43 Resp: 324350
Ion Ratio Lower Upper
43 100
58 52.9 42.0 63.0
57 18.6 15.2 22.8
100 12.0 10.0 15.0



#49
Dibromochloromethane
Concen: 54.297 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Tgt Ion: 129 Resp: 134409
Ion Ratio Lower Upper
129 100
127 77.7 53.3 98.9

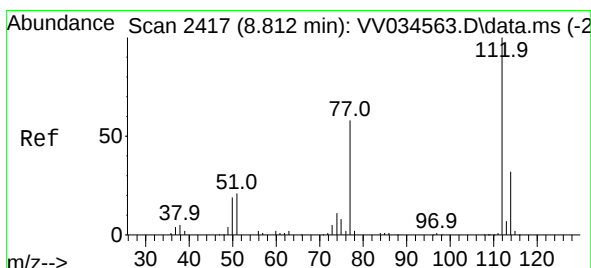
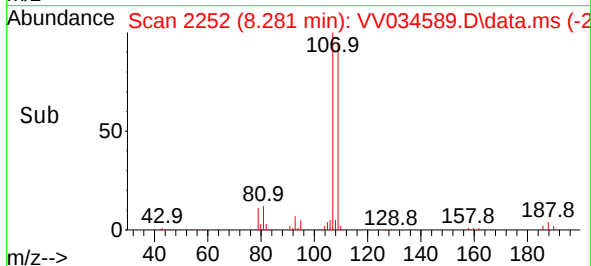
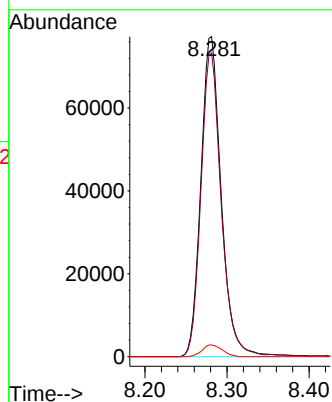
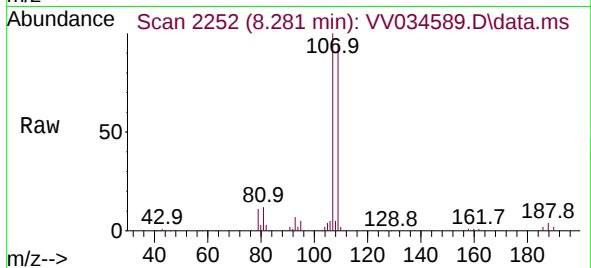




#50
1,2-Dibromoethane
Concen: 53.381 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

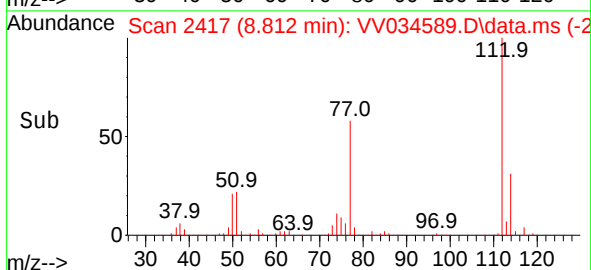
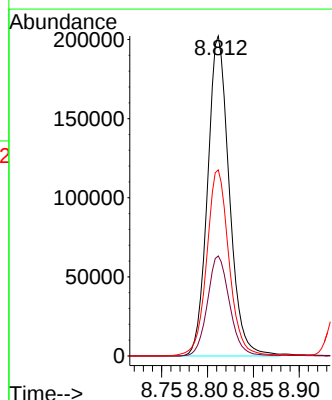
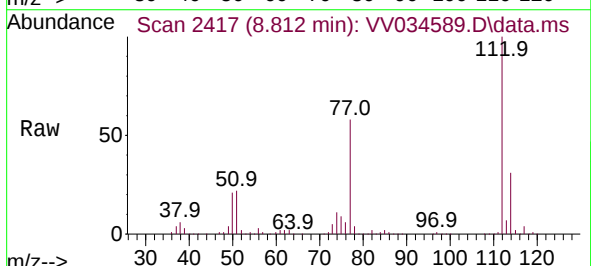
Instrument :
MSVOA_V
ClientSampleId :

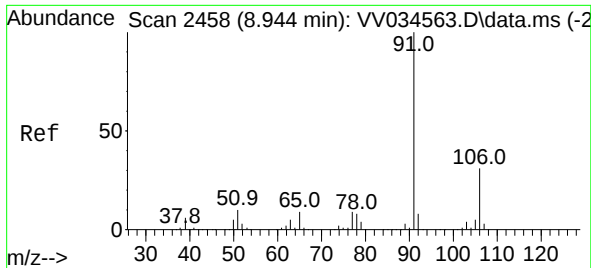
Tgt Ion:107 Resp: 132877
Ion Ratio Lower Upper
107 100
109 94.9 66.5 123.5
188 3.6 3.4 5.2



#51
Chlorobenzene
Concen: 52.425 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Tgt Ion:112 Resp: 333084
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.5
77 58.2 47.7 71.5

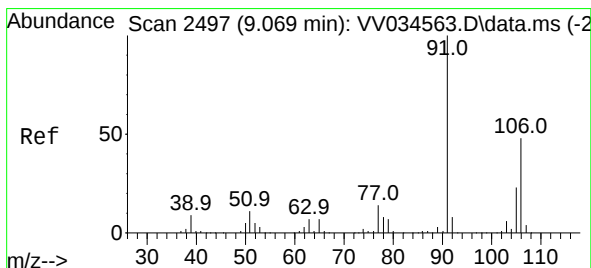
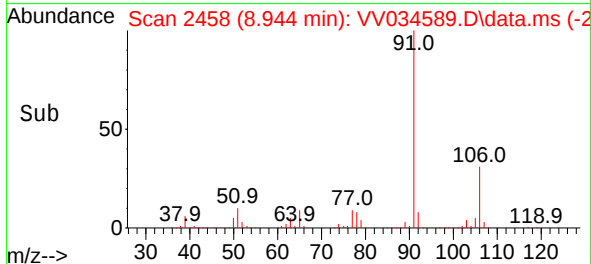
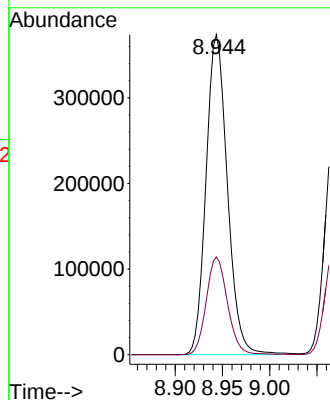
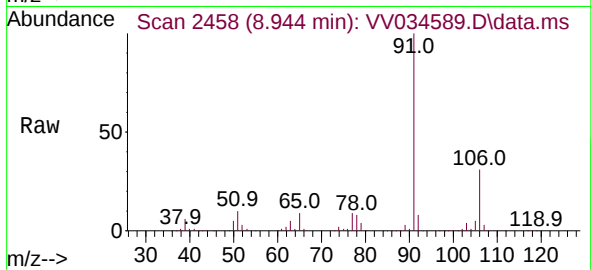




#52
Ethylbenzene
Concen: 53.247 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

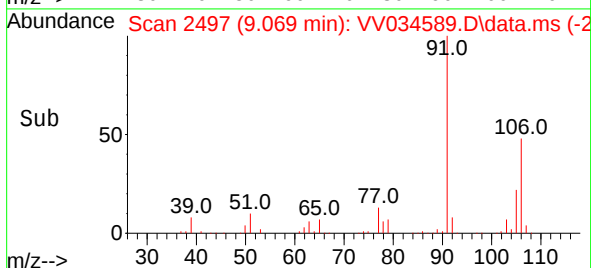
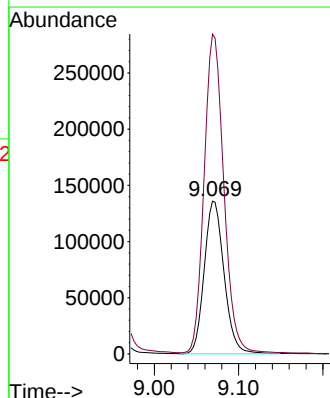
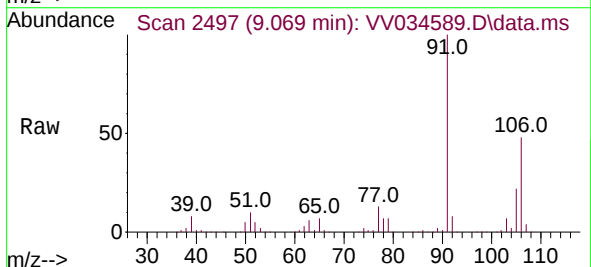
Instrument :
MSVOA_V
ClientSampleId :

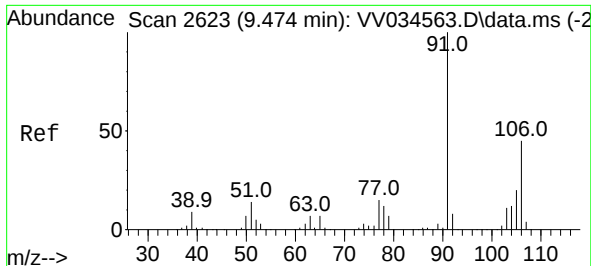
Tgt Ion: 91 Resp: 586362
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 53.144 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Tgt Ion: 106 Resp: 222080
Ion Ratio Lower Upper
106 100
91 209.3 145.3 269.9





#54

o-Xylene

Concen: 52.384 ug/L

RT: 9.477 min Scan# 2623

Delta R.T. 0.003 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

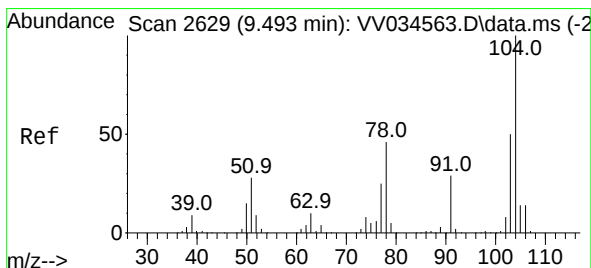
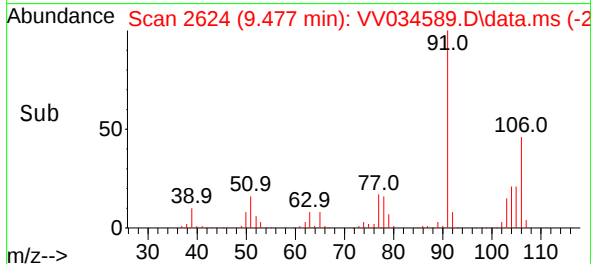
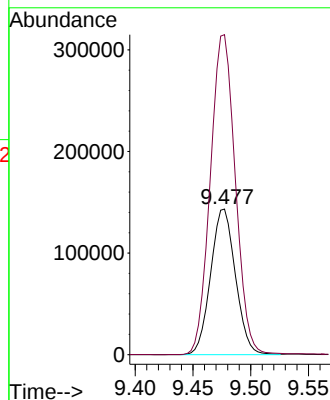
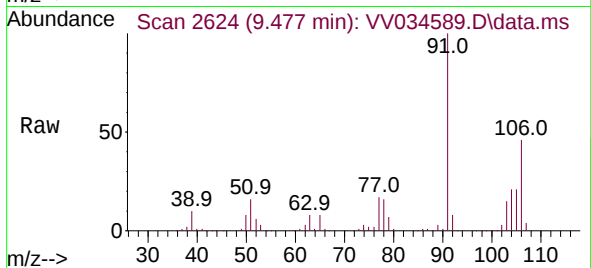
ClientSampleId :

Tgt Ion:106 Resp: 214353

Ion Ratio Lower Upper

106 100

91 219.7 152.2 282.7



#55

Styrene

Concen: 54.453 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. -0.000 min

Lab File: VV034589.D

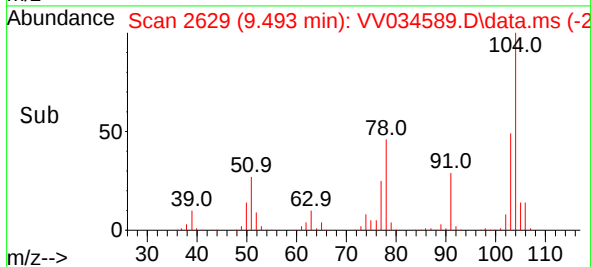
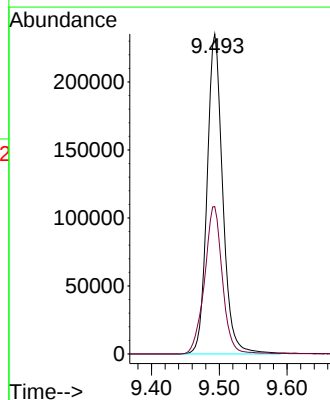
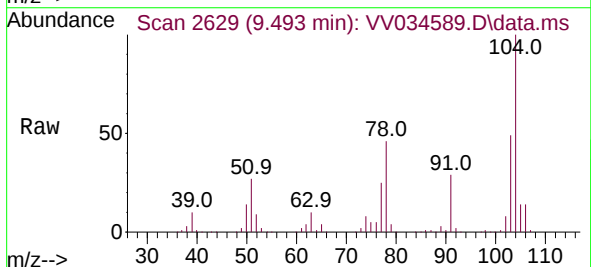
Acq: 14 Mar 2024 09:12

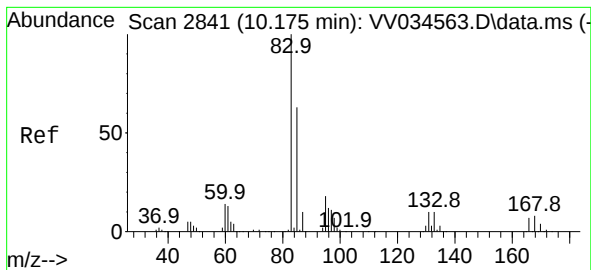
Tgt Ion:104 Resp: 377268

Ion Ratio Lower Upper

104 100

78 46.0 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 52.344 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

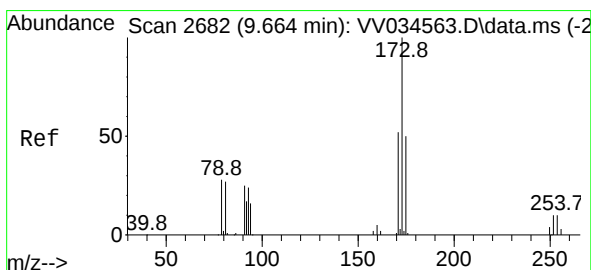
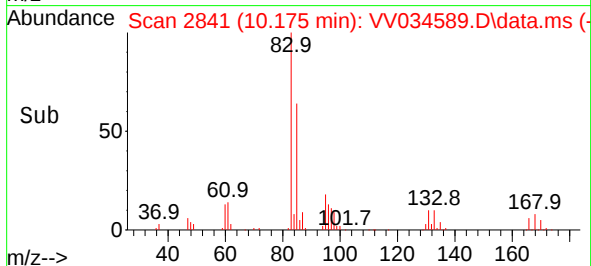
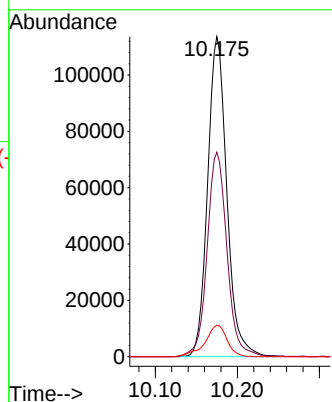
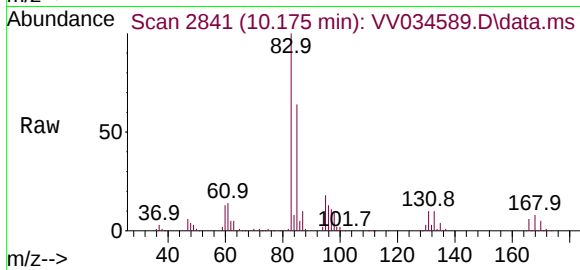
Tgt Ion: 83 Resp: 184422

Ion Ratio Lower Upper

83 100

85 63.9 45.4 84.2

131 9.8 8.3 12.5



#59

Bromoform

Concen: 53.644 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

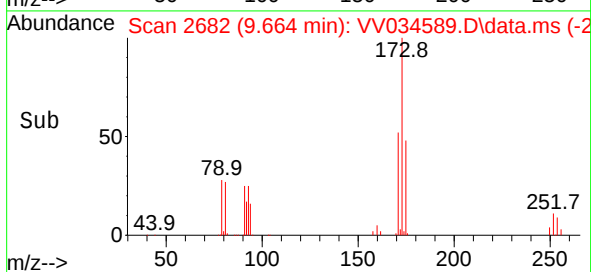
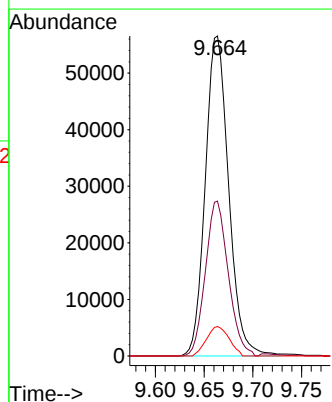
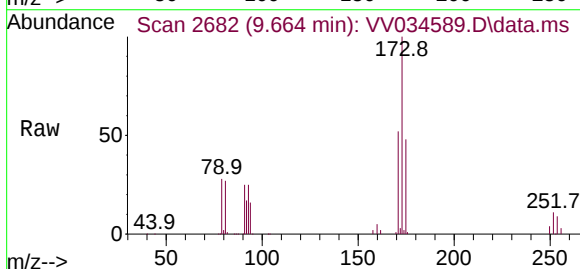
Tgt Ion: 173 Resp: 94464

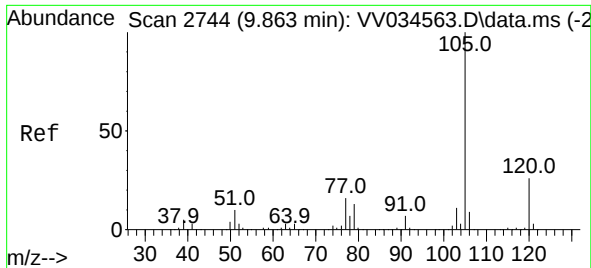
Ion Ratio Lower Upper

173 100

175 47.3 39.1 58.7

254 8.9 7.8 11.8

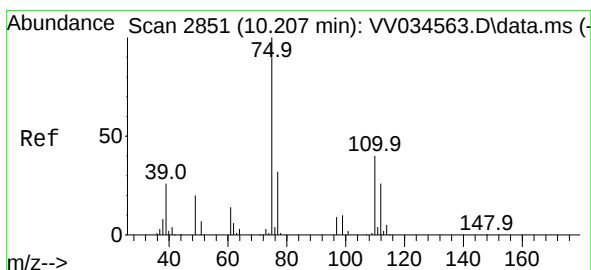
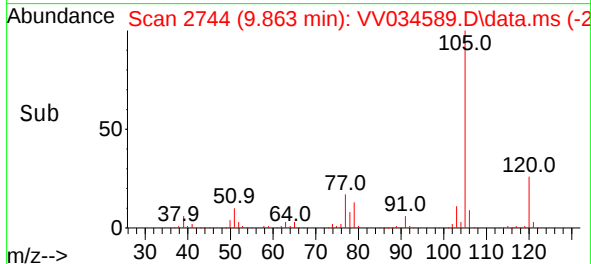
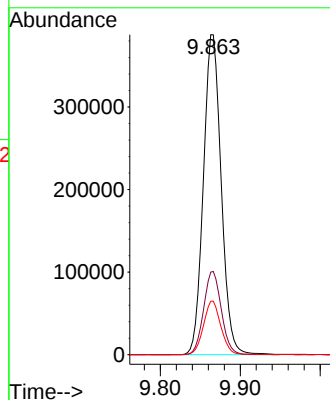
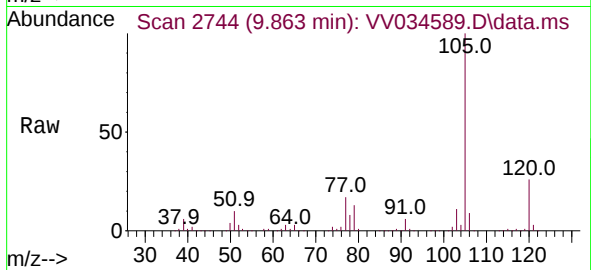




#60
Isopropylbenzene
Concen: 53.531 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

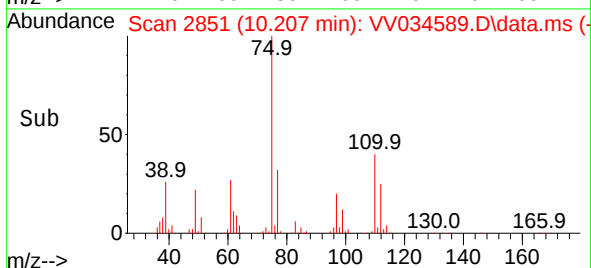
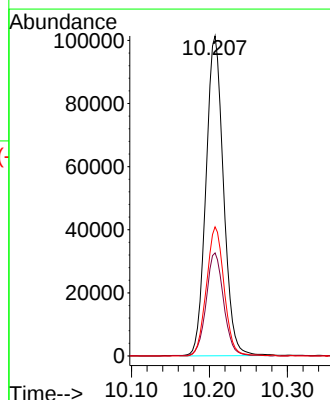
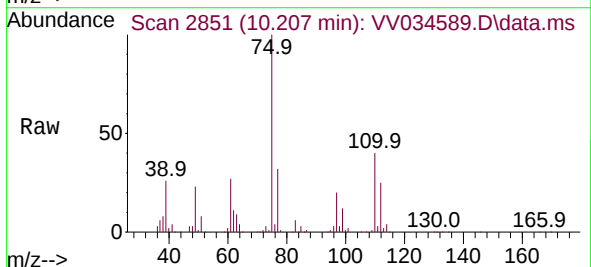
Instrument :
MSVOA_V
ClientSampleId :

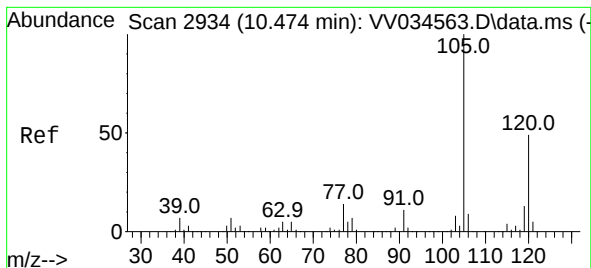
Tgt Ion:105 Resp: 601327
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 52.158 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Tgt Ion: 75 Resp: 158135
Ion Ratio Lower Upper
75 100
77 32.0 25.9 38.9
110 40.8 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 52.913 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

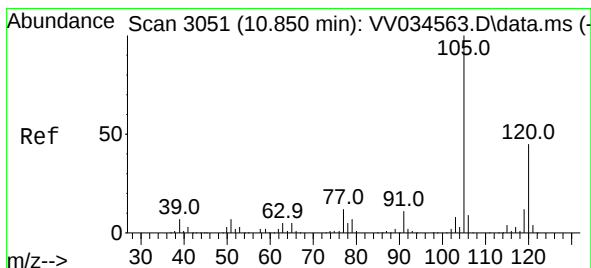
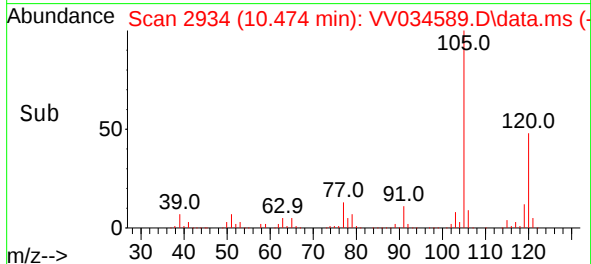
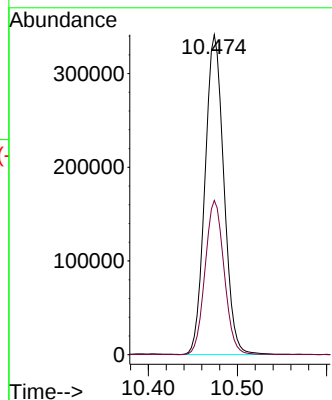
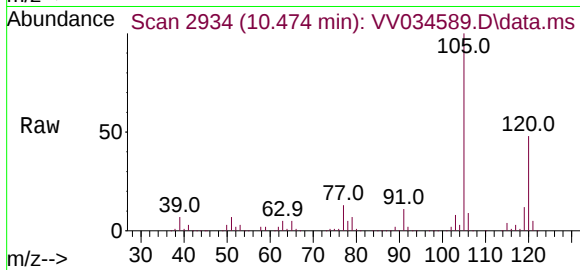
ClientSampleId :

Tgt Ion:105 Resp: 501387

Ion Ratio Lower Upper

105 100

120 48.9 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 54.032 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034589.D

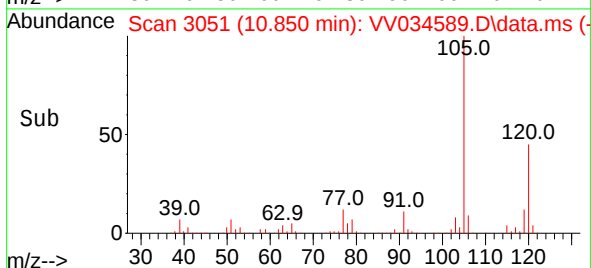
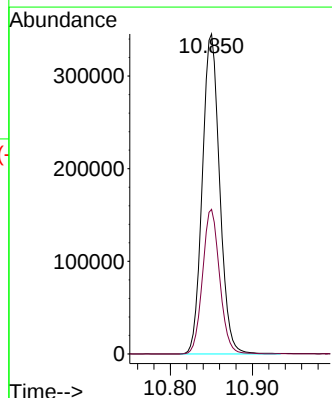
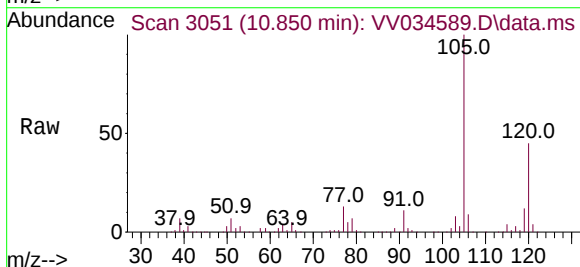
Acq: 14 Mar 2024 09:12

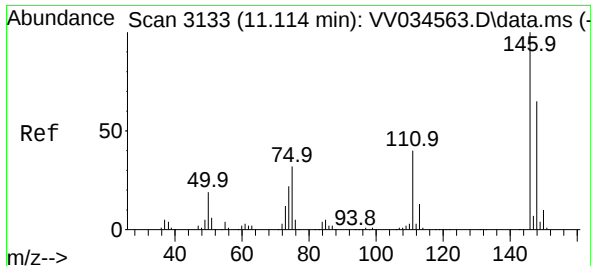
Tgt Ion:105 Resp: 506379

Ion Ratio Lower Upper

105 100

120 44.6 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 52.605 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

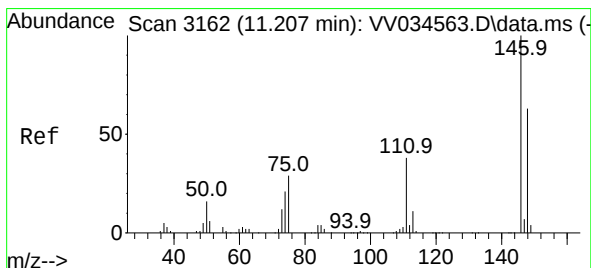
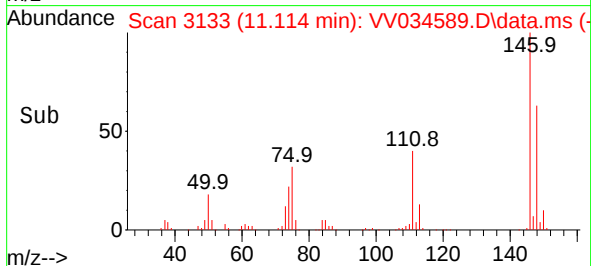
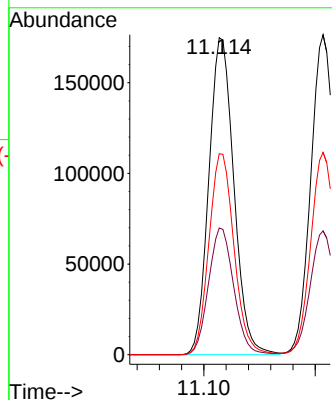
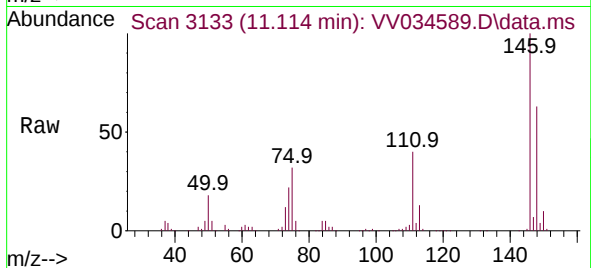
Tgt Ion:146 Resp: 273217

Ion Ratio Lower Upper

146 100

111 40.0 27.9 51.7

148 63.4 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 52.106 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

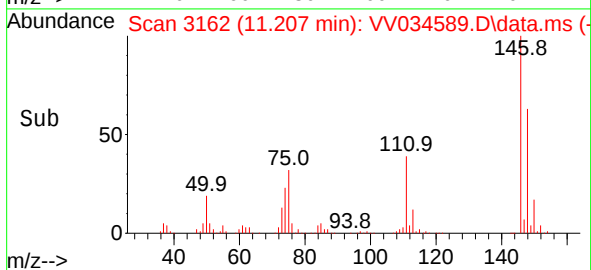
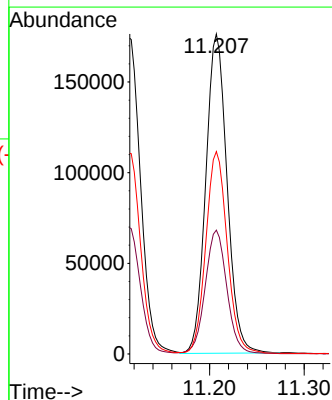
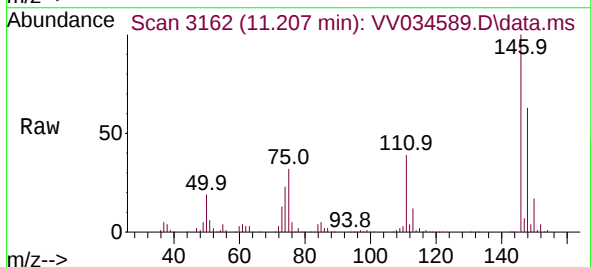
Tgt Ion:146 Resp: 274819

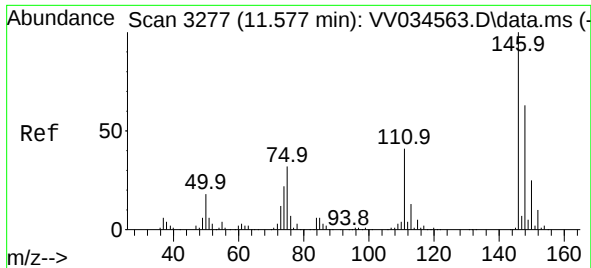
Ion Ratio Lower Upper

146 100

111 38.7 26.5 49.1

148 63.2 44.0 81.8

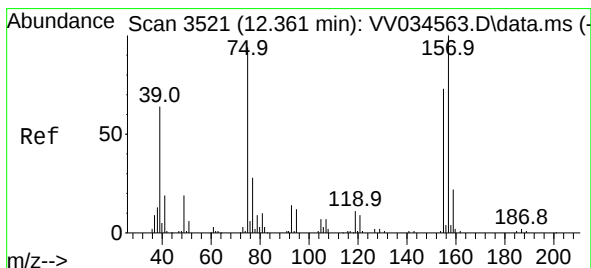
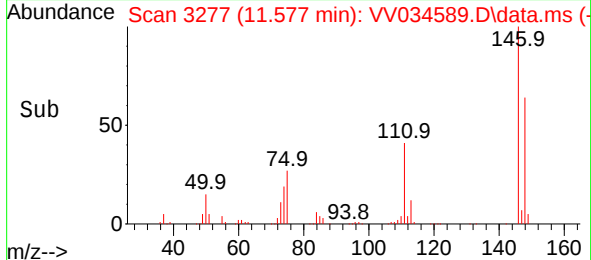
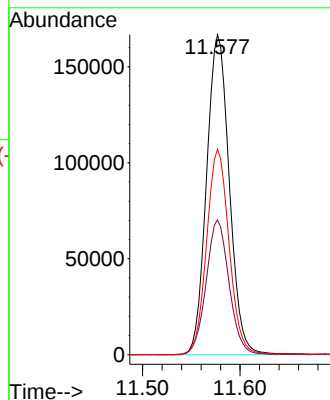
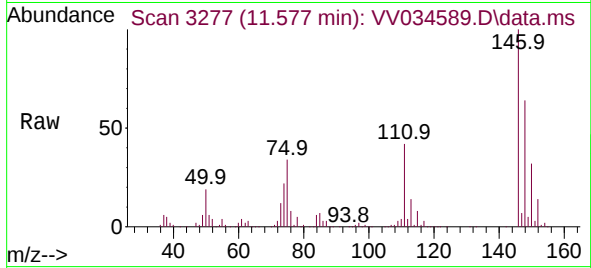




#67
1,2-Dichlorobenzene
Concen: 51.961 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

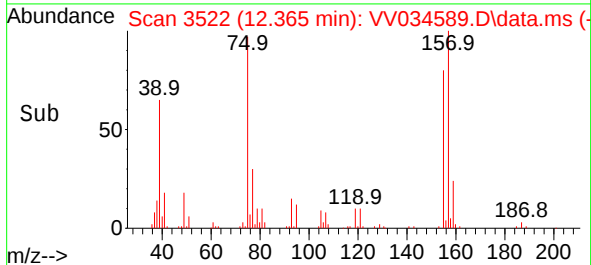
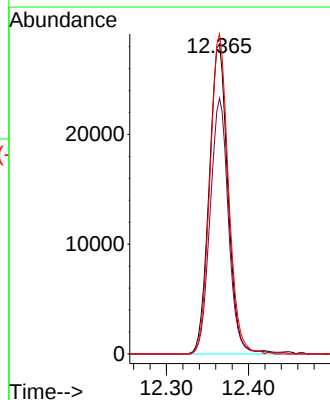
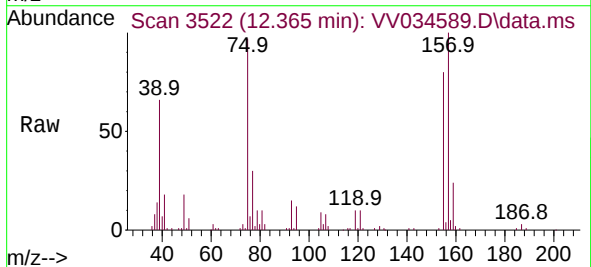
Instrument :
MSVOA_V
ClientSampleId :

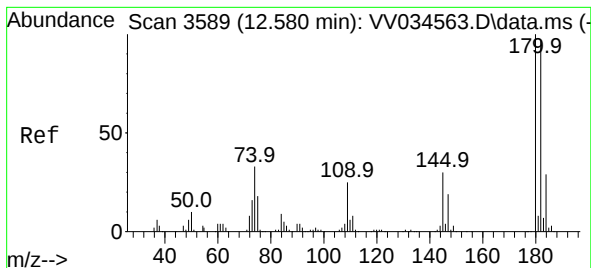
Tgt Ion:146 Resp: 270423
Ion Ratio Lower Upper
146 100
111 42.1 33.8 50.8
148 64.1 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 49.871 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.003 min
Lab File: VV034589.D
Acq: 14 Mar 2024 09:12

Tgt Ion: 75 Resp: 45040
Ion Ratio Lower Upper
75 100
155 82.4 63.3 94.9
157 103.2 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 52.022 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

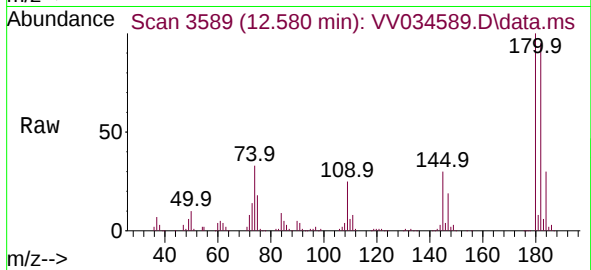
Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 202694

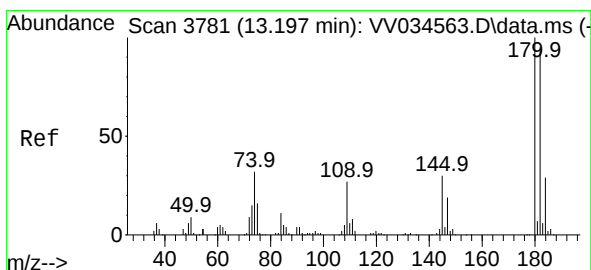
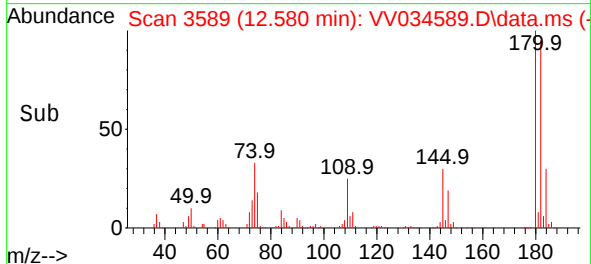
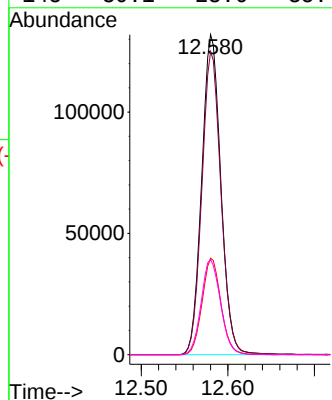
Ion Ratio Lower Upper

180 100

182 94.4 74.6 112.0

184 29.7 23.6 35.4

145 30.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 51.993 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

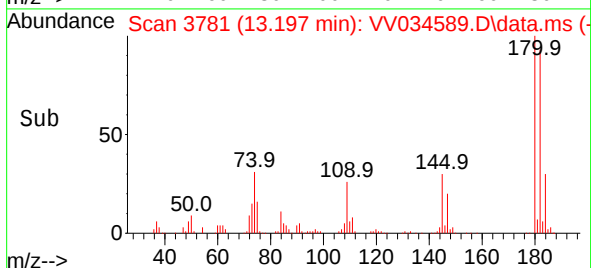
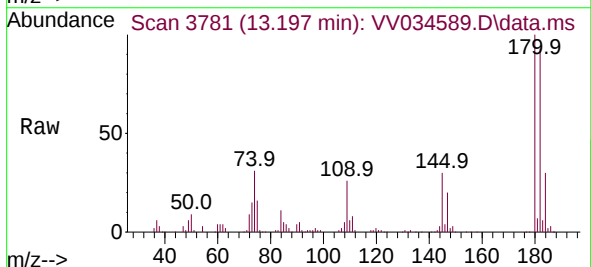
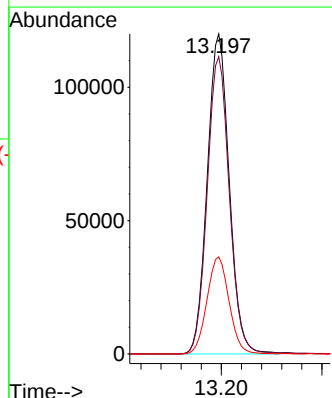
Tgt Ion:180 Resp: 182282

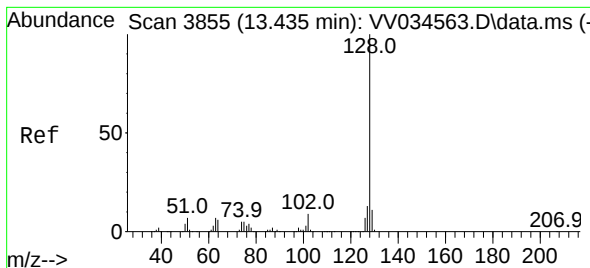
Ion Ratio Lower Upper

180 100

182 93.4 74.8 112.2

145 30.5 24.2 36.4





#71

Naphthalene

Concen: 46.863 ug/L

RT: 13.438 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

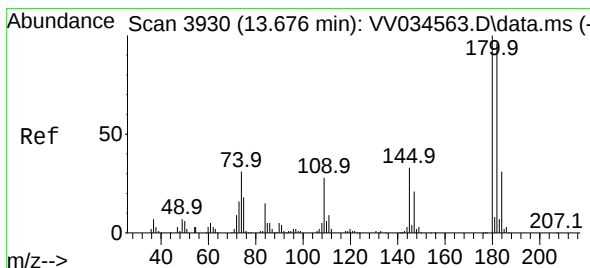
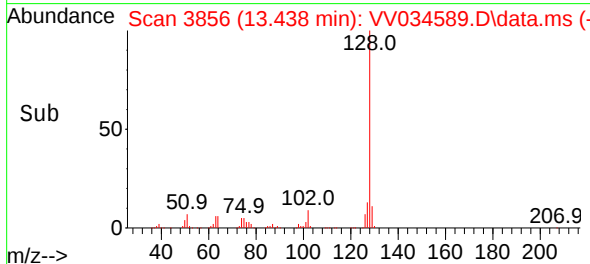
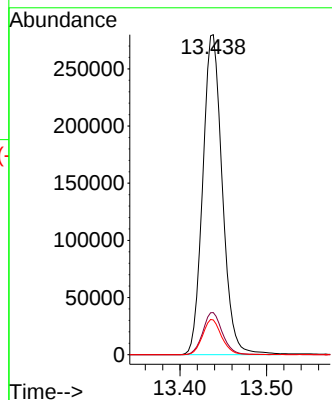
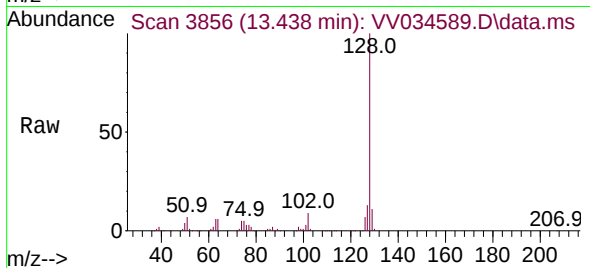
Tgt Ion:128 Resp: 439485

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 52.091 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV034589.D

Acq: 14 Mar 2024 09:12

Tgt Ion:180 Resp: 178157

Ion Ratio Lower Upper

180 100

182 95.9 75.9 113.9

145 32.3 25.5 38.3

