

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031124\
 Data File : VW034544.D
 Acq On : 11 Mar 2024 15:40
 Operator : SY/MD
 Sample : P1637-07MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNR0MSD

Quant Time: Mar 12 01:33:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 01:30:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	313327	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	295345	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	151898	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	86250	31.754	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.500%
7) Chloroethane-d5	1.526	69	80244	37.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.840%
11) 1,1-Dichloroethene-d2	2.056	65	41042	33.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.820%
21) 2-Butanone-d5	3.780	46	200502	110.382	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.380%
24) Chloroform-d	4.246	84	208650	43.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.900%
26) 1,2-Dichloroethane-d4	4.940	65	136422	43.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.940%
32) Benzene-d6	4.957	84	354660	39.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.580%
36) 1,2-Dichloropropane-d6	5.985	67	116020	42.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.300%
41) Toluene-d8	7.239	98	314132	38.943	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.880%#
43) trans-1,3-Dichloroprop...	7.551	79	59016	43.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.400%
47) 2-Hexanone-d5	8.021	63	142496	104.902	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.900%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	170522	47.634	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.260%
66) 1,2-Dichlorobenzene-d4	11.561	152	129483	41.704	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	152562	46.420	ug/L	98
3) Chloromethane	1.214	50	149299	46.231	ug/L	100
5) Vinyl chloride	1.281	62	147584	47.079	ug/L	98
6) Bromomethane	1.478	94	91414	48.602	ug/L	99
8) Chloroethane	1.542	64	89667	48.124	ug/L	99
9) Trichlorofluoromethane	1.709	101	219310	46.717	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	118059	46.661	ug/L	99
12) 1,1-Dichloroethene	2.066	96	106247	45.285	ug/L	94
13) Acetone	2.108	43	141856	64.963	ug/L	99
14) Carbon disulfide	2.236	76	311011	47.765	ug/L	99
15) Methyl Acetate	2.368	43	148789	53.260	ug/L	99
16) Methylene chloride	2.442	84	122387	49.177	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	111319	49.021	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	412821	50.622	ug/L	100
19) 1,1-Dichloroethane	3.108	63	225835	50.767	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	125849	51.078	ug/L	97
22) 2-Butanone	3.860	43	188862	87.586	ug/L	96
23) Bromochloromethane	4.146	128	64009	50.240	ug/L	95
25) Chloroform	4.272	83	229420	49.757	ug/L	99

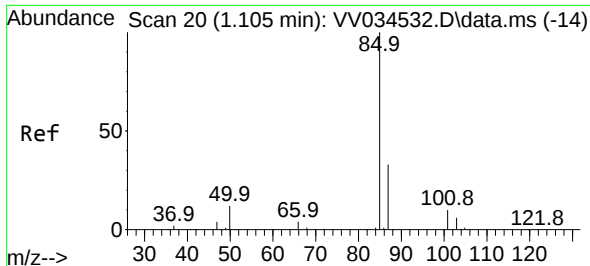
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031124\
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 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 01:30:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	188563	50.336	ug/L	98
29) Cyclohexane	4.580	56	189602	48.807	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	206855	48.842	ug/L	99
31) Carbon tetrachloride	4.731	117	183576	48.958	ug/L	99
33) Benzene	5.008	78	451946	49.299	ug/L	100
34) Trichloroethene	5.831	95	125966	48.339	ug/L	98
35) Methylcyclohexane	6.047	83	194841	49.182	ug/L	99
37) 1,2-Dichloropropane	6.092	63	122082	50.864	ug/L	100
38) Bromodichloromethane	6.429	83	168262	49.840	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	200926	51.669	ug/L	95
40) 4-Methyl-2-pentanone	7.153	43	379222	107.151	ug/L	100
42) Toluene	7.313	91	484666	49.953	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	189716	50.726	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	119973	51.806	ug/L	99
46) Tetrachloroethene	7.902	164	95529	49.293	ug/L	100
48) 2-Hexanone	8.072	43	291936	103.518	ug/L	99
49) Dibromochloromethane	8.175	129	124756	51.050	ug/L	99
50) 1,2-Dibromoethane	8.281	107	124795	50.783	ug/L	100
51) Chlorobenzene	8.812	112	310589	49.517	ug/L	99
52) Ethylbenzene	8.944	91	544062	50.045	ug/L	100
53) m,p-Xylene	9.072	106	201867	48.932	ug/L	99
54) o-Xylene	9.477	106	197287	48.837	ug/L	99
55) Styrene	9.493	104	344729	50.400	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	173360	49.841	ug/L	100
59) Bromoform	9.664	173	84805	50.356	ug/L	99
60) Isopropylbenzene	9.866	105	540847	50.344	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	150983	52.071	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	454404	50.143	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	455646	50.837	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	244182	49.160	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	243681	48.310	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	247113	49.648	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	45892	53.132	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	178472	47.896	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	164911	49.184	ug/L	100
71) Naphthalene	13.439	128	494168	55.098	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	164499	50.291	ug/L	98

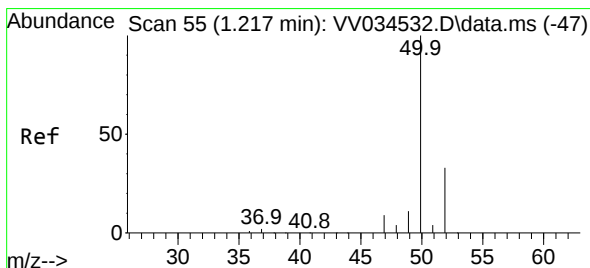
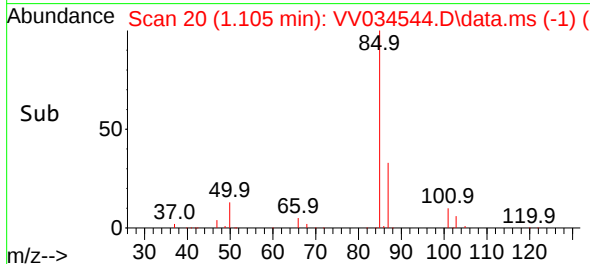
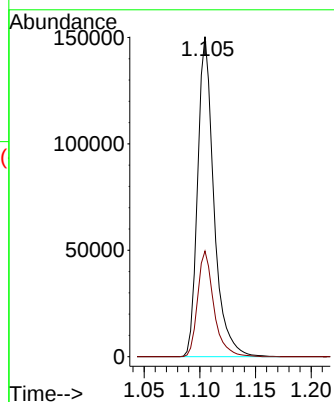
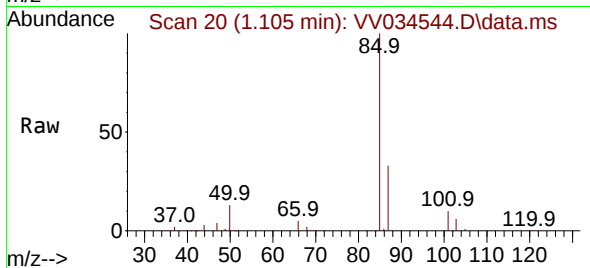
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#2
 Dichlorodifluoromethane
 Concen: 46.420 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV034544.D
 Acq: 11 Mar 2024 15:40

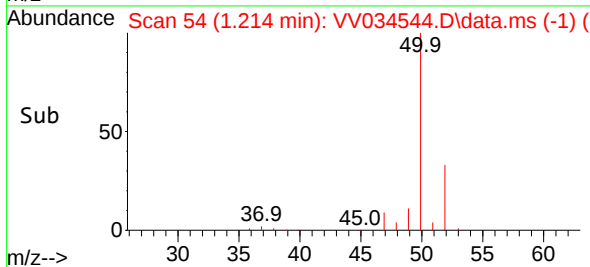
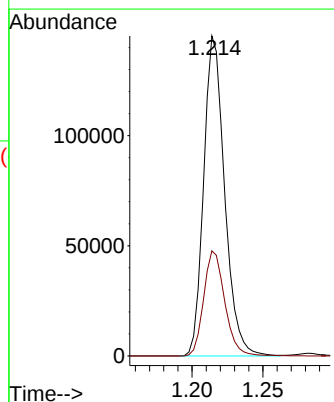
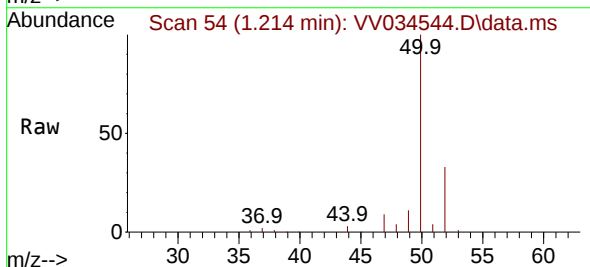
Instrument :
 MSVOA_V
 ClientSampleId :
 DCNR0MSD

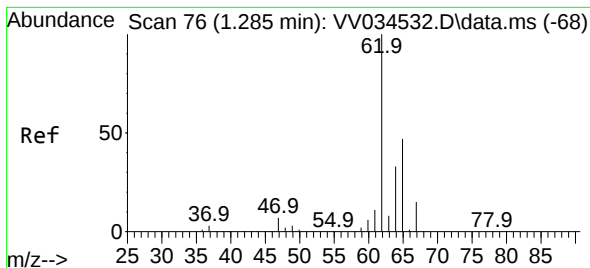
Tgt Ion: 85 Resp: 152562
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.5 38.3



#3
 Chloromethane
 Concen: 46.231 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034544.D
 Acq: 11 Mar 2024 15:40

Tgt Ion: 50 Resp: 149299
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8





#5

Vinyl chloride

Concen: 47.079 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.003 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

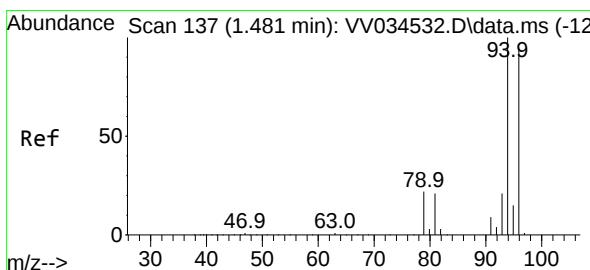
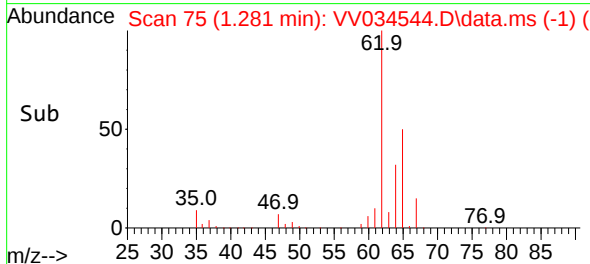
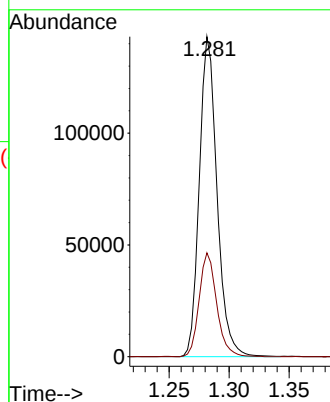
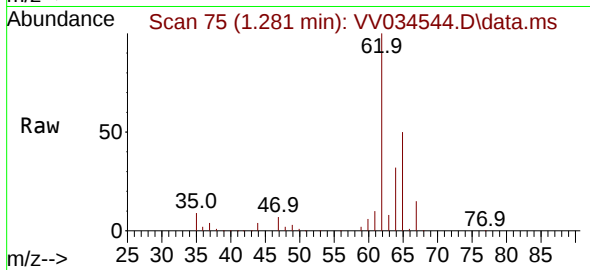
DCNR0MSD

Tgt Ion: 62 Resp: 147584

Ion Ratio Lower Upper

62 100

64 32.5 23.4 43.6



#6

Bromomethane

Concen: 48.602 ug/L

RT: 1.478 min Scan# 136

Delta R.T. -0.003 min

Lab File: VV034544.D

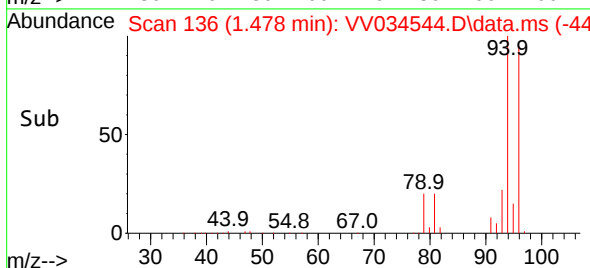
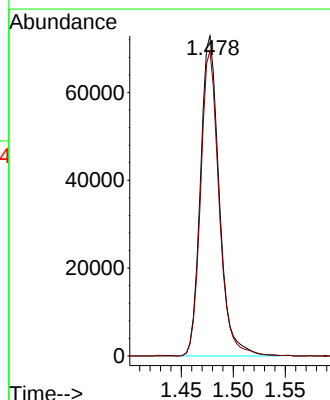
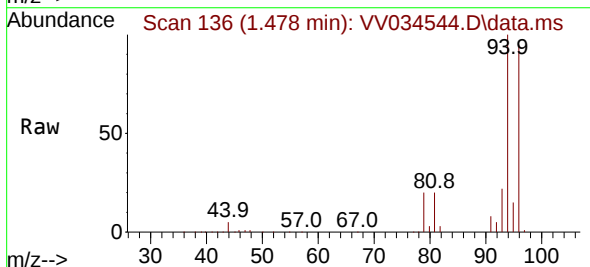
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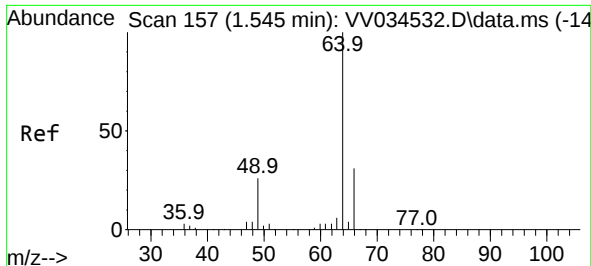
Tgt Ion: 94 Resp: 91414

Ion Ratio Lower Upper

94 100

96 95.4 66.0 122.6





#8

Chloroethane

Concen: 48.124 ug/L

RT: 1.542 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

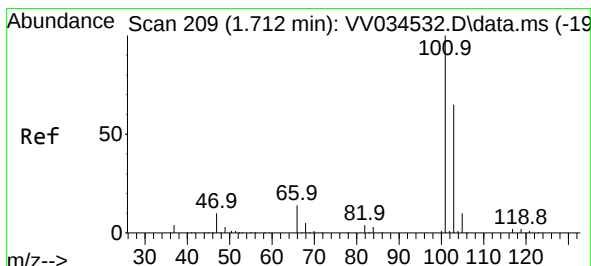
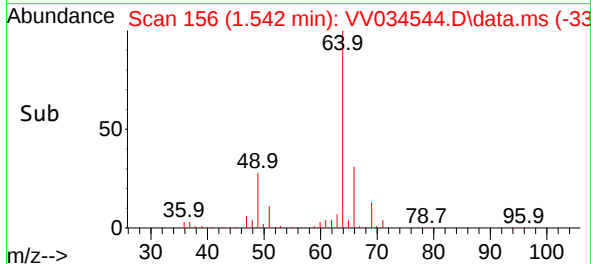
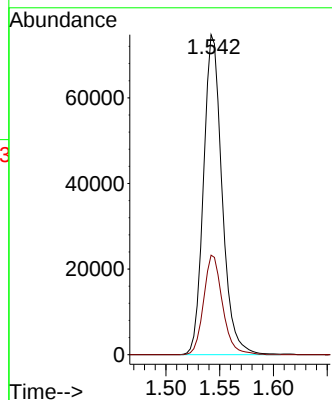
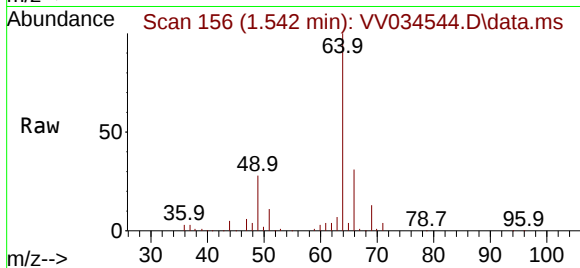
DCNR0MSD

Tgt Ion: 64 Resp: 89667

Ion Ratio Lower Upper

64 100

66 31.1 22.0 40.8



#9

Trichlorofluoromethane

Concen: 46.717 ug/L

RT: 1.709 min Scan# 208

Delta R.T. -0.003 min

Lab File: VV034544.D

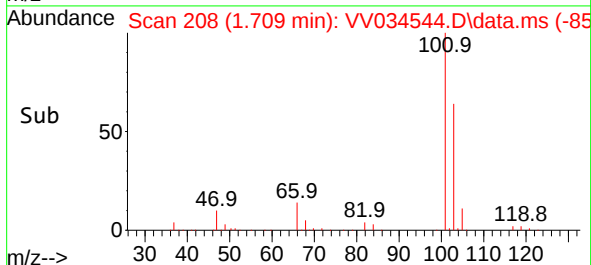
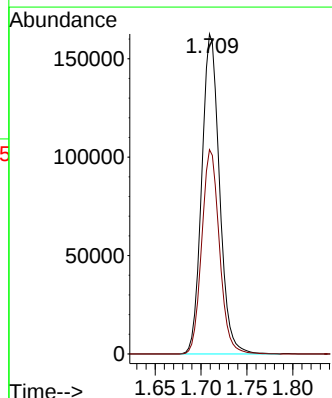
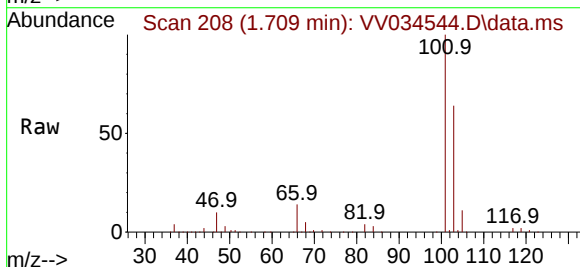
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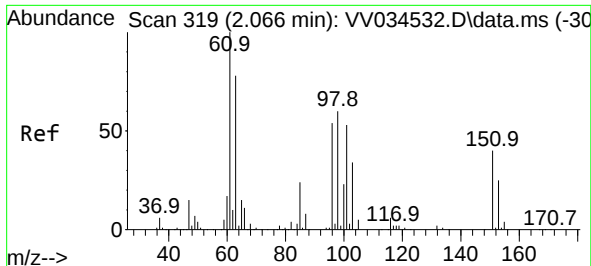
Tgt Ion:101 Resp: 219310

Ion Ratio Lower Upper

101 100

103 63.4 51.8 77.8

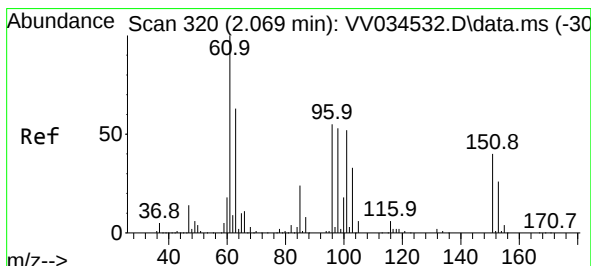
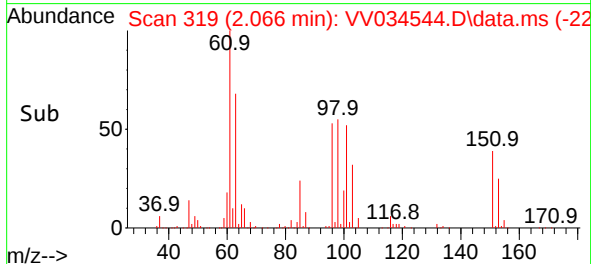
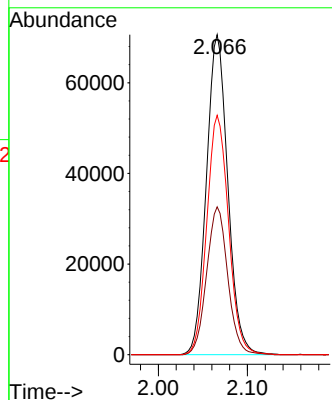
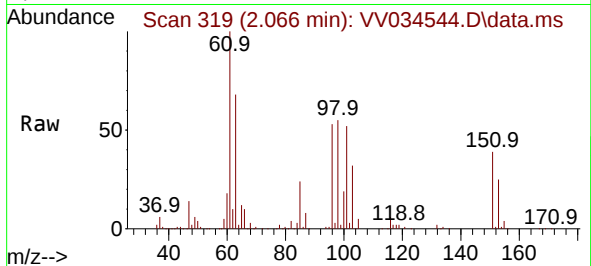




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.661 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV034544.D
 Acq: 11 Mar 2024 15:40

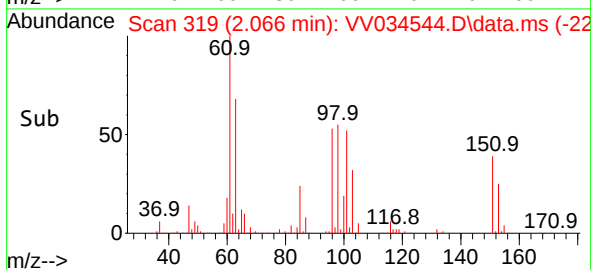
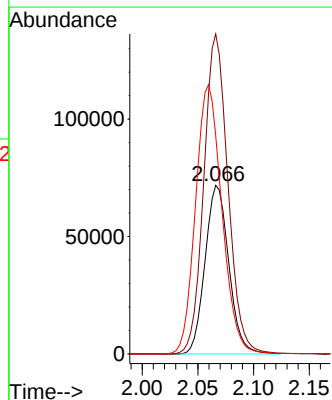
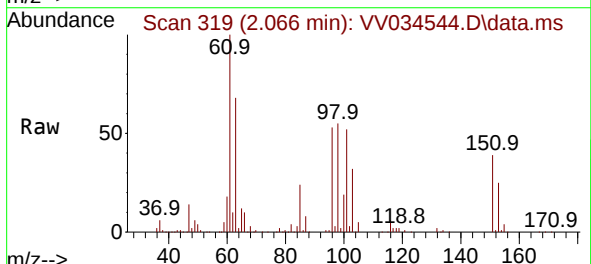
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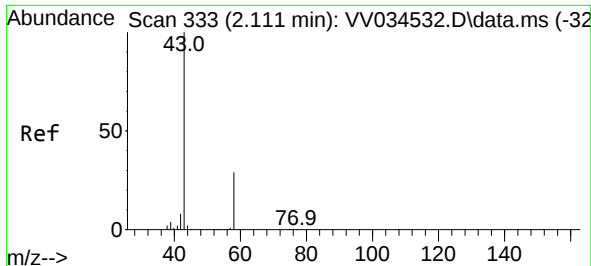
Tgt Ion:101 Resp: 118059
 Ion Ratio Lower Upper
 101 100
 85 45.5 37.4 56.0
 151 75.9 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 45.285 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV034544.D
 Acq: 11 Mar 2024 15:40

Tgt Ion: 96 Resp: 106247
 Ion Ratio Lower Upper
 96 100
 61 189.8 128.9 239.3
 63 129.5 98.0 182.0





#13

Acetone

Concen: 64.963 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

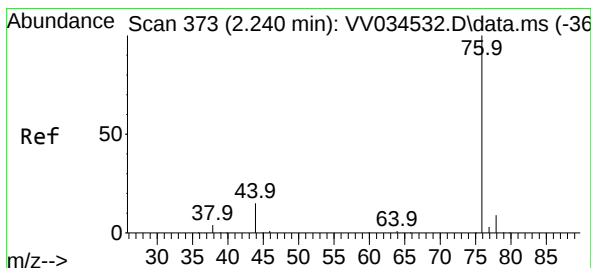
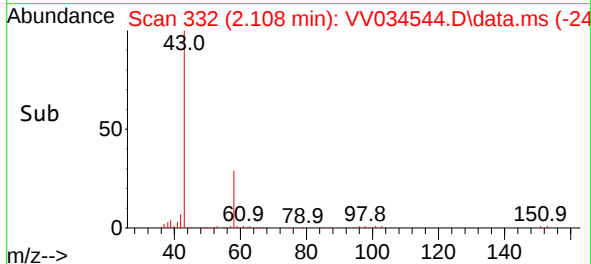
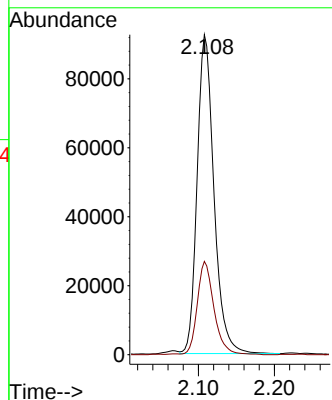
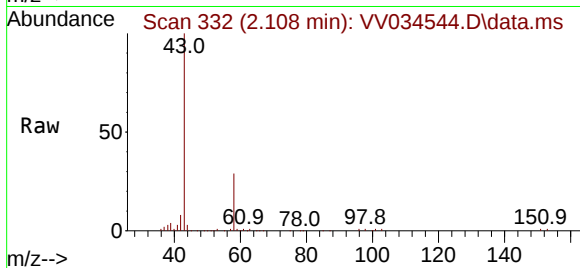
DCNR0MSD

Tgt Ion: 43 Resp: 141856

Ion Ratio Lower Upper

43 100

58 29.1 0.0 57.2



#14

Carbon disulfide

Concen: 47.765 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV034544.D

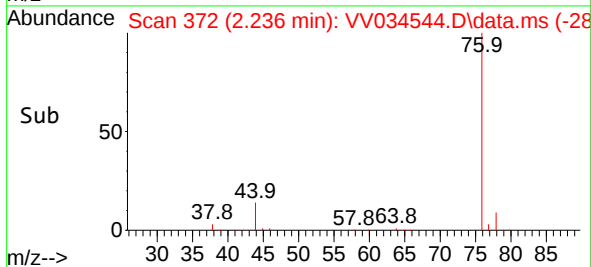
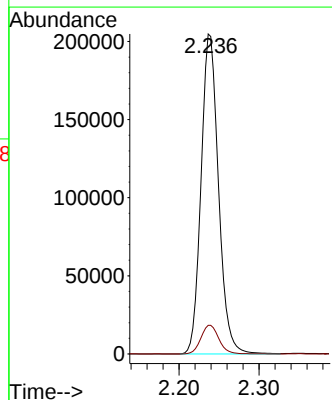
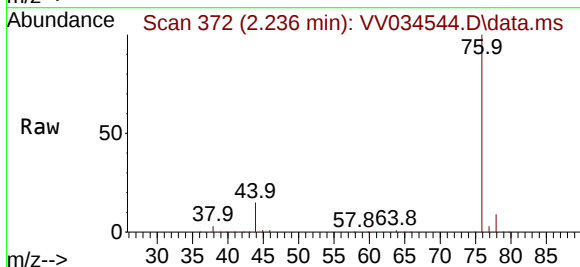
Acq: 11 Mar 2024 15:40

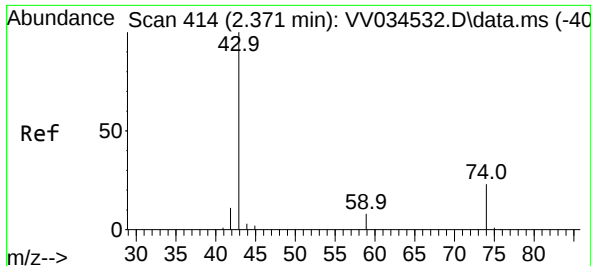
Tgt Ion: 76 Resp: 311011

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

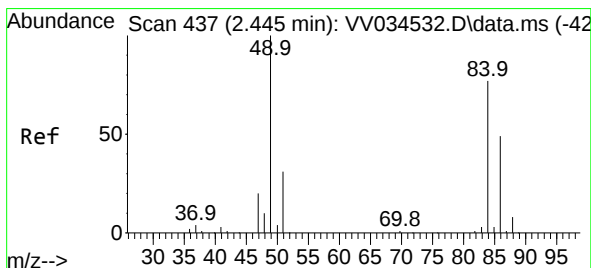
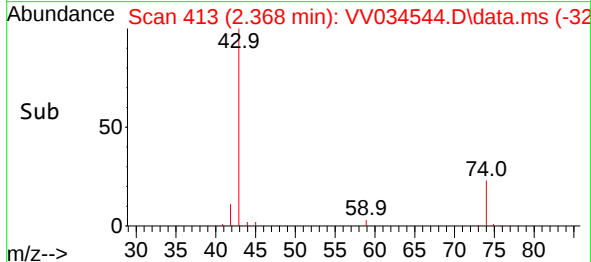
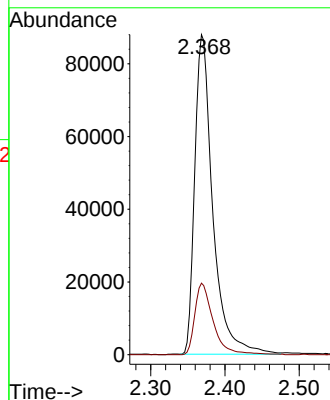
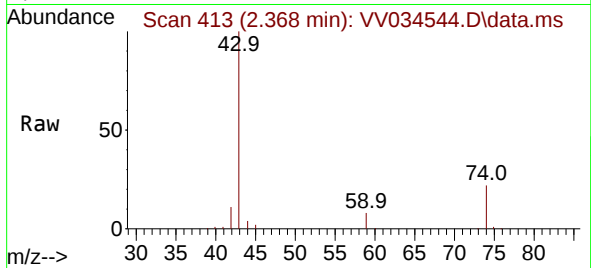




#15
Methyl Acetate
Concen: 53.260 ug/L
RT: 2.368 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

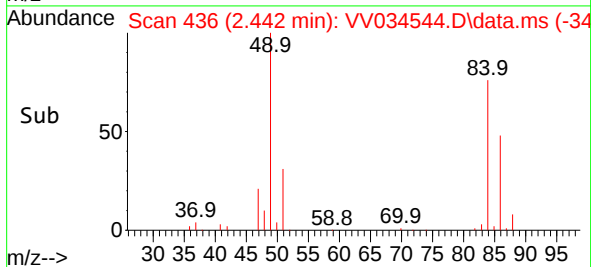
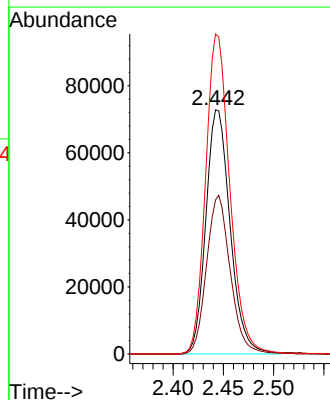
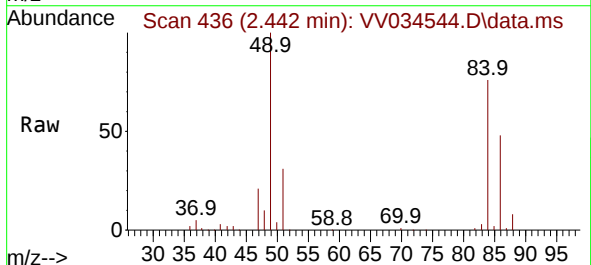
Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

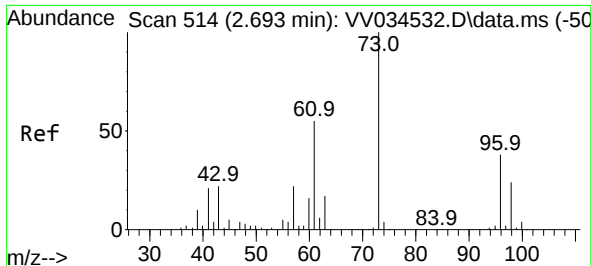
Tgt Ion: 43 Resp: 148789
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8



#16
Methylene chloride
Concen: 49.177 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 84 Resp: 122387
Ion Ratio Lower Upper
84 100
86 63.1 45.6 84.6
49 131.1 92.3 171.3

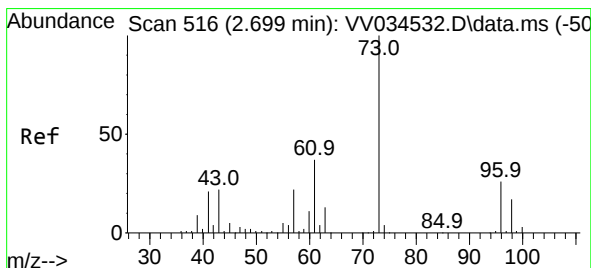
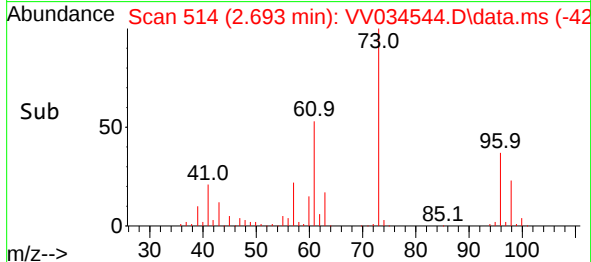
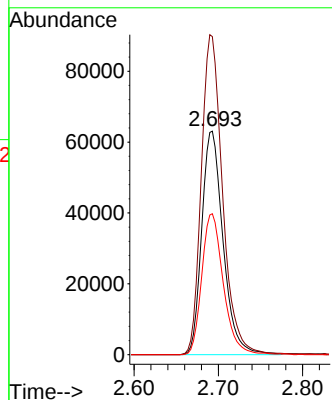
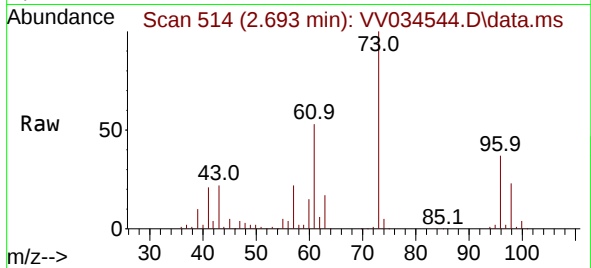




#17
trans-1,2-Dichloroethene
Concen: 49.021 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

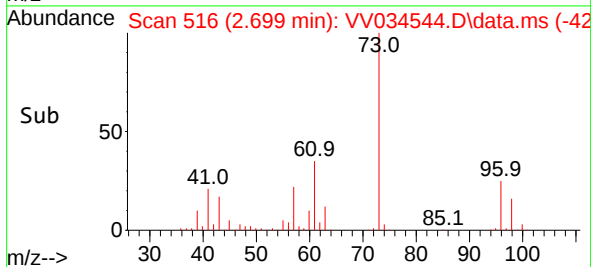
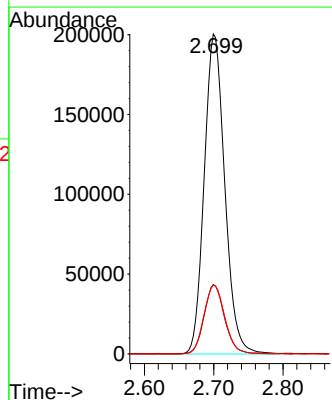
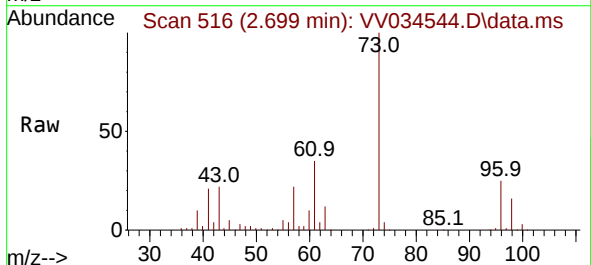
Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

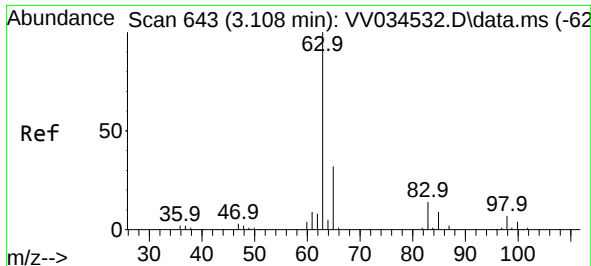
Tgt Ion: 96 Resp: 111319
Ion Ratio Lower Upper
96 100
61 142.3 98.8 183.4
98 63.1 46.1 85.5



#18
Methyl tert-butyl Ether
Concen: 50.622 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 73 Resp: 412821
Ion Ratio Lower Upper
73 100
43 21.2 17.1 25.7
57 21.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 50.767 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

DCNR0MSD

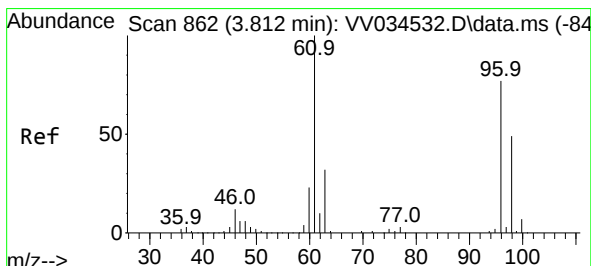
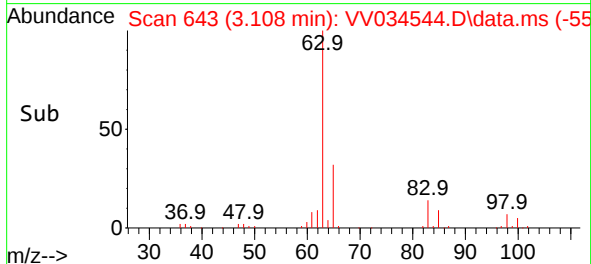
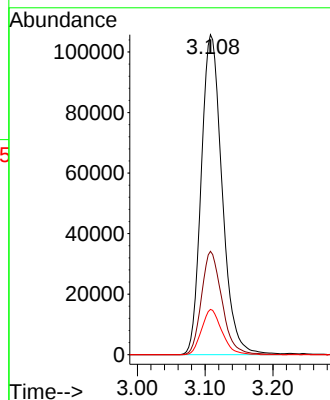
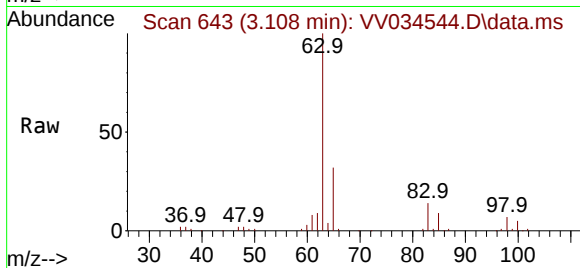
Tgt Ion: 63 Resp: 225835

Ion Ratio Lower Upper

63 100

65 32.3 22.1 41.1

83 14.1 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 51.078 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

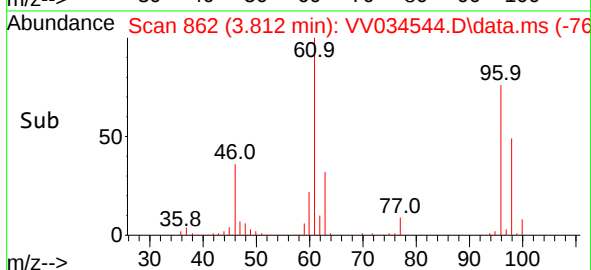
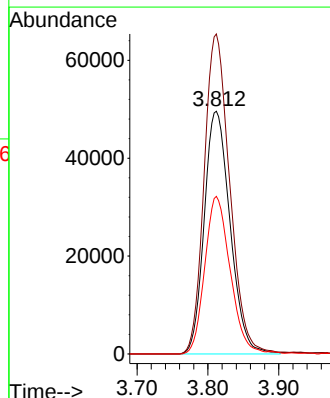
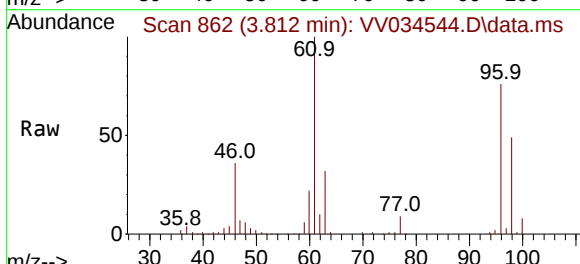
Tgt Ion: 96 Resp: 125849

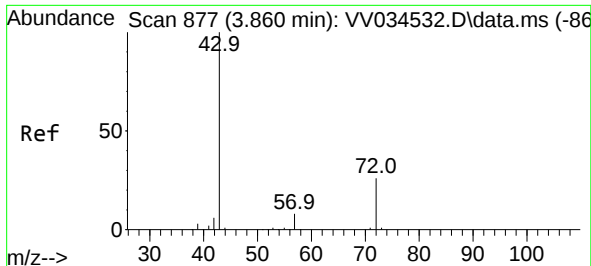
Ion Ratio Lower Upper

96 100

61 131.8 96.0 178.4

98 64.9 46.0 85.4

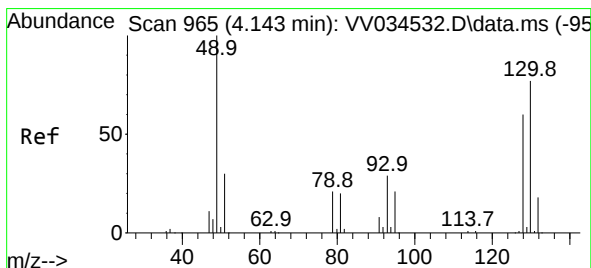
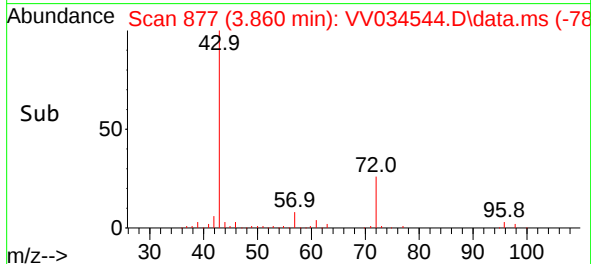
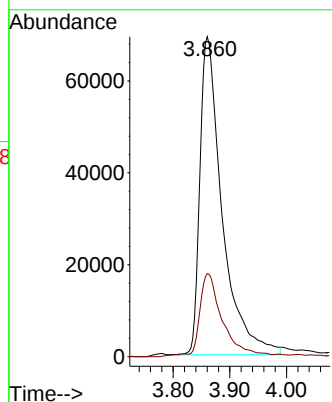
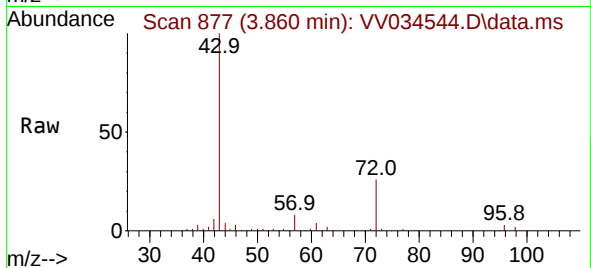




#22
2-Butanone
Concen: 87.586 ug/L
RT: 3.860 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

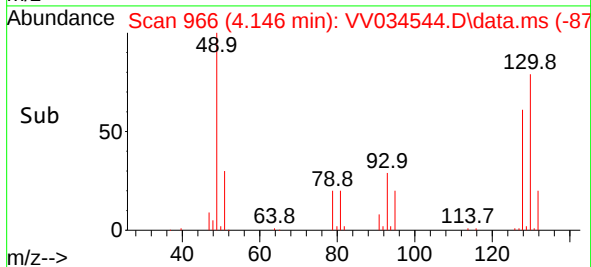
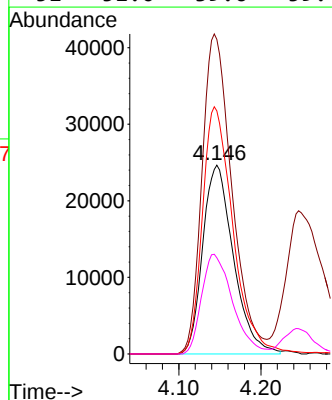
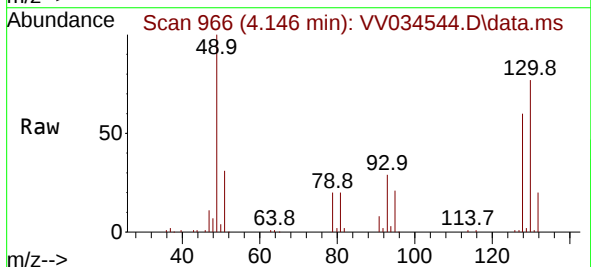
Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

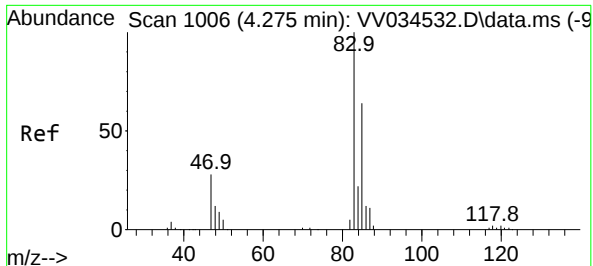
Tgt Ion: 43 Resp: 188862
Ion Ratio Lower Upper
43 100
72 24.9 11.5 34.4



#23
Bromochloromethane
Concen: 50.240 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:128 Resp: 64009
Ion Ratio Lower Upper
128 100
49 166.6 109.4 203.2
130 128.8 87.7 162.9
51 51.0 39.6 59.4





#25

Chloroform

Concen: 49.757 ug/L

RT: 4.272 min Scan# 110

Delta R.T. -0.003 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

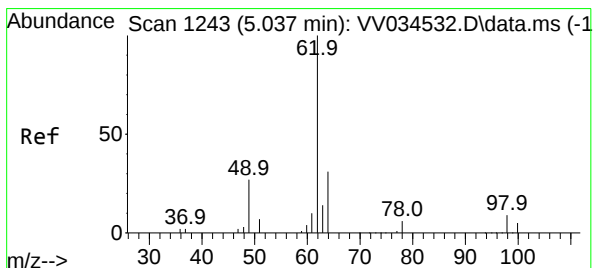
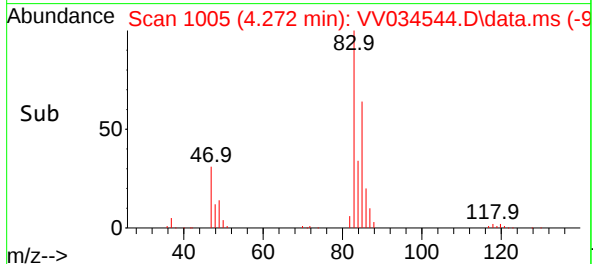
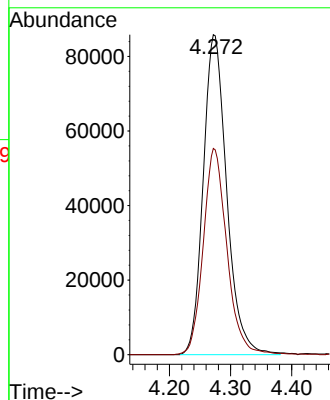
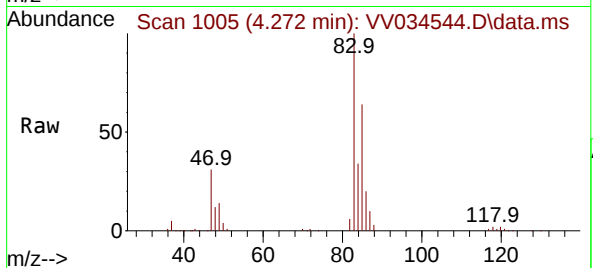
DCNR0MSD

Tgt Ion: 83 Resp: 229420

Ion Ratio Lower Upper

83 100

85 64.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 50.336 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV034544.D

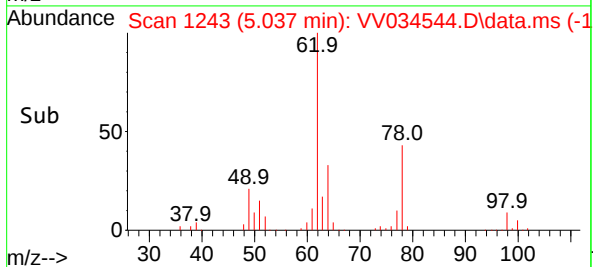
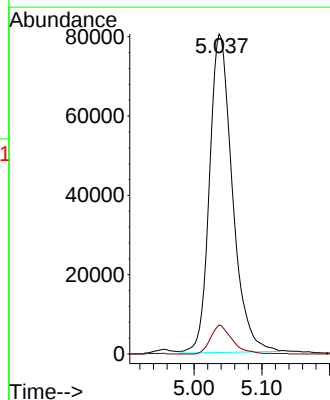
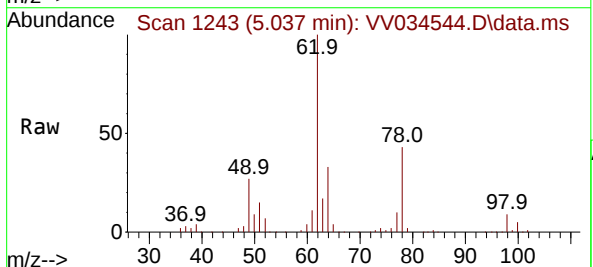
Acq: 11 Mar 2024 15:40

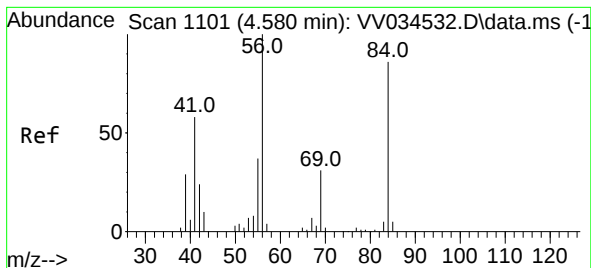
Tgt Ion: 62 Resp: 188563

Ion Ratio Lower Upper

62 100

98 9.0 6.6 10.0





#29

Cyclohexane

Concen: 48.807 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

DCNR0MSD

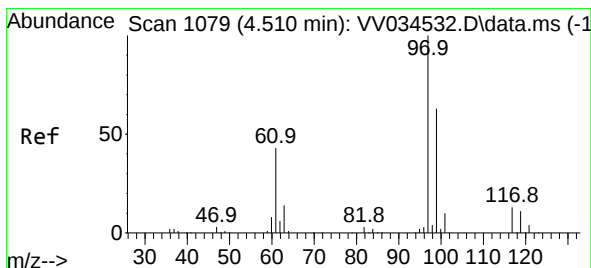
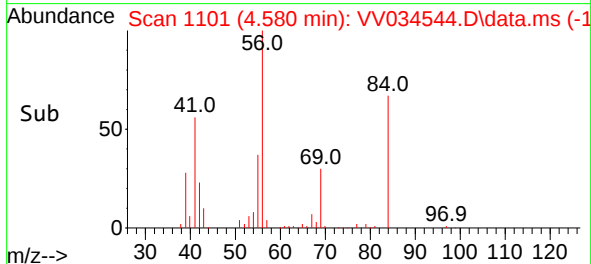
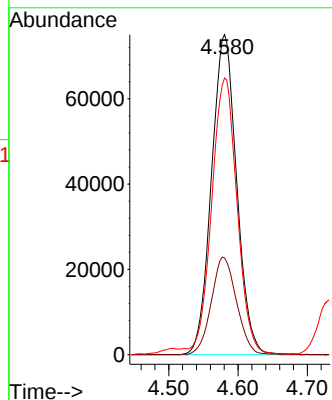
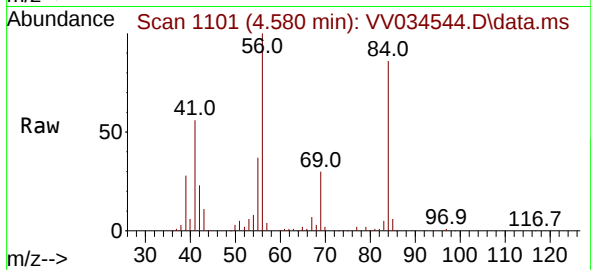
Tgt Ion: 56 Resp: 189602

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.4

84 86.3 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 48.842 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

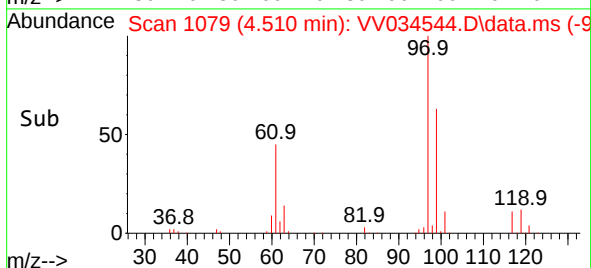
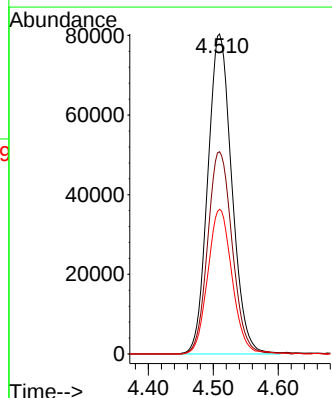
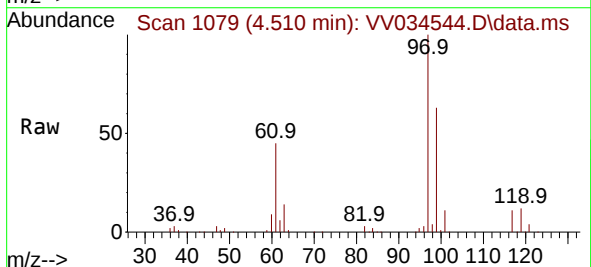
Tgt Ion: 97 Resp: 206855

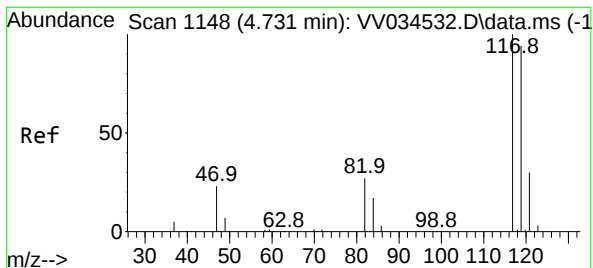
Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 45.8 36.0 54.0





#31

Carbon tetrachloride

Concen: 48.958 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

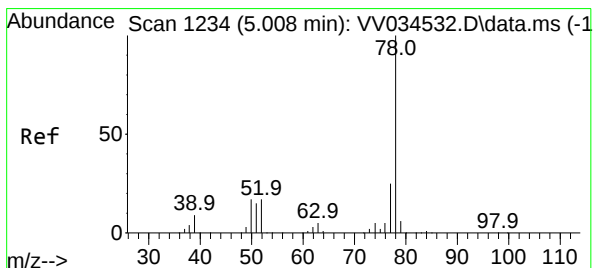
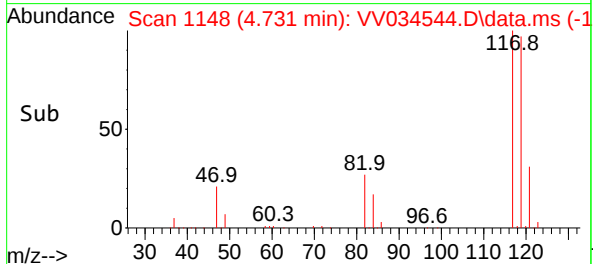
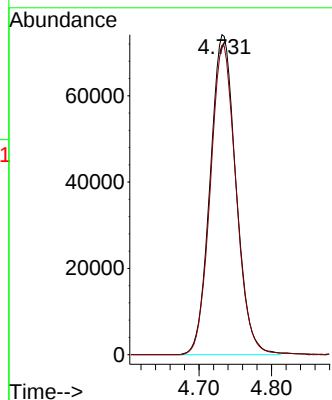
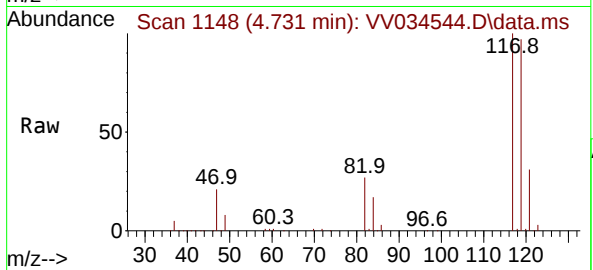
DCNR0MSD

Tgt Ion:117 Resp: 183576

Ion Ratio Lower Upper

117 100

119 95.9 77.5 116.3



#33

Benzene

Concen: 49.299 ug/L

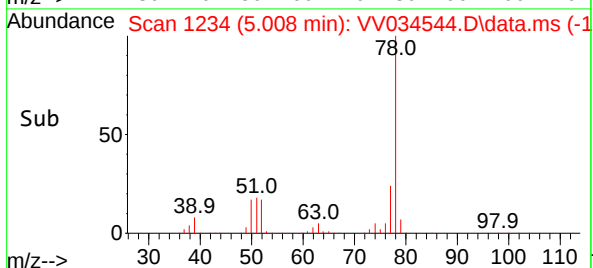
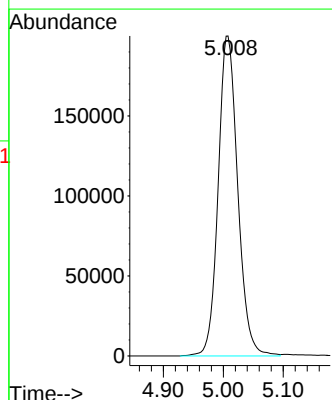
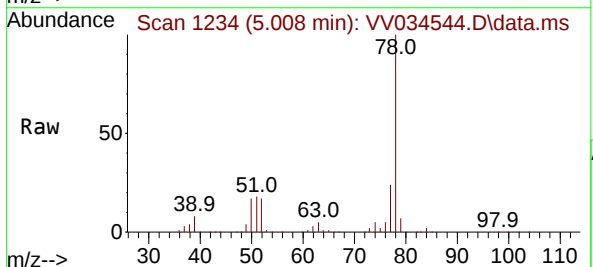
RT: 5.008 min Scan# 1234

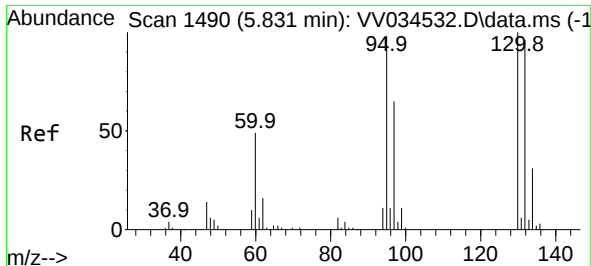
Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Tgt Ion: 78 Resp: 451946

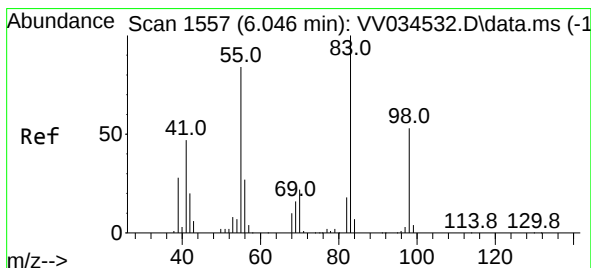
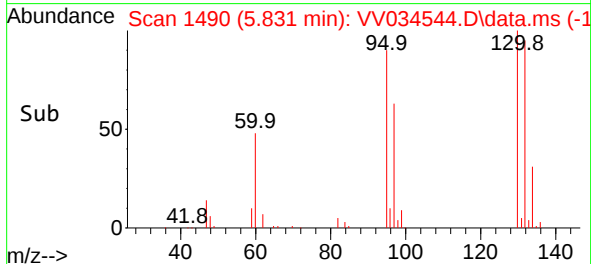
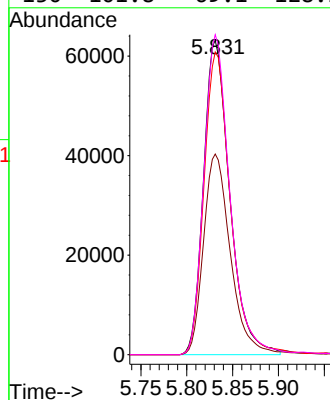
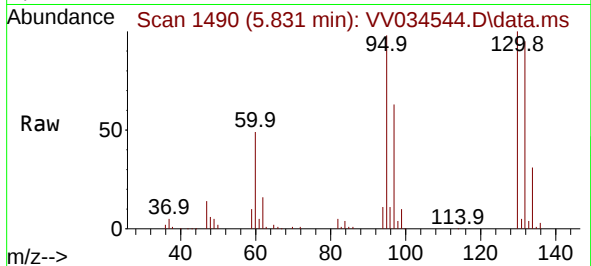




#34
Trichloroethene
Concen: 48.339 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

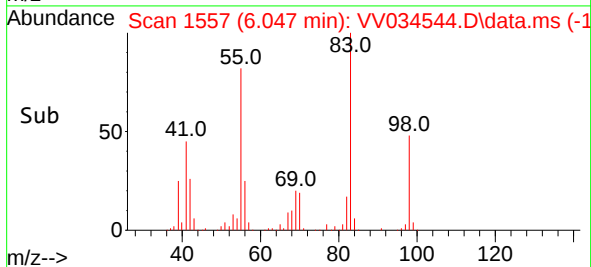
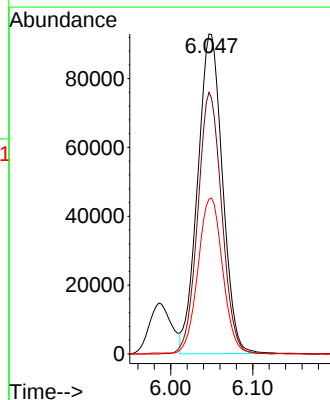
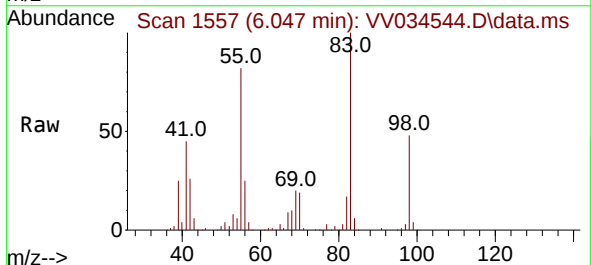
Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

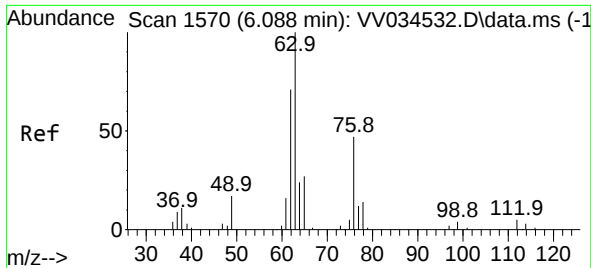
Tgt Ion: 95 Resp: 125966
Ion Ratio Lower Upper
95 100
97 63.9 44.7 83.1
132 96.3 65.3 121.3
130 101.8 69.1 128.3



#35
Methylcyclohexane
Concen: 49.182 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 83 Resp: 194841
Ion Ratio Lower Upper
83 100
55 78.6 62.6 94.0
98 48.7 39.5 59.3





#37

1,2-Dichloropropane

Concen: 50.864 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

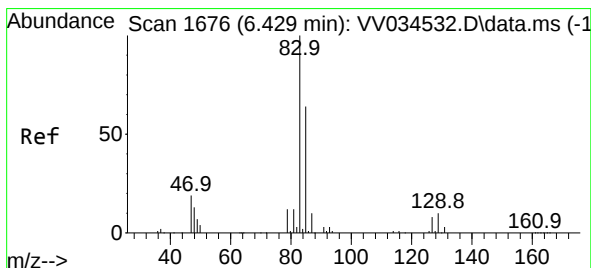
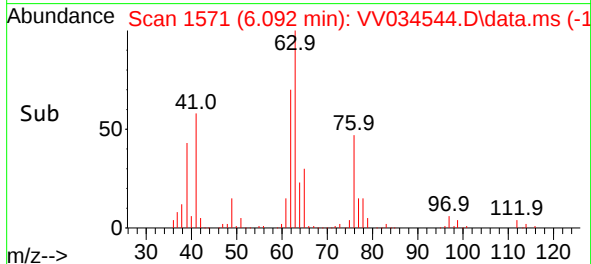
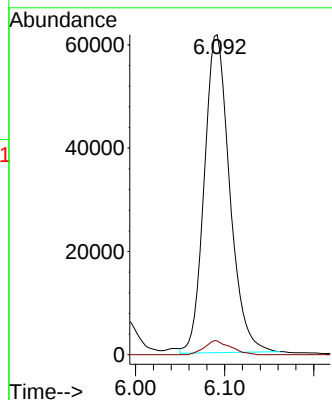
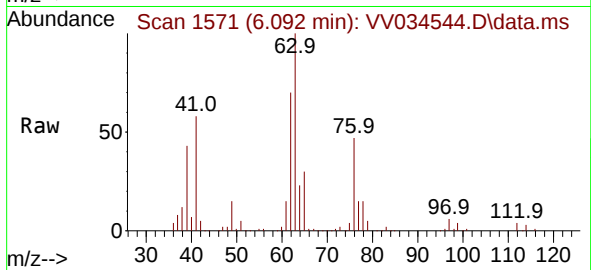
DCNR0MSD

Tgt Ion: 63 Resp: 122082

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 49.840 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

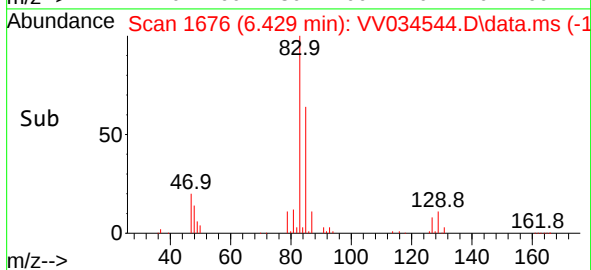
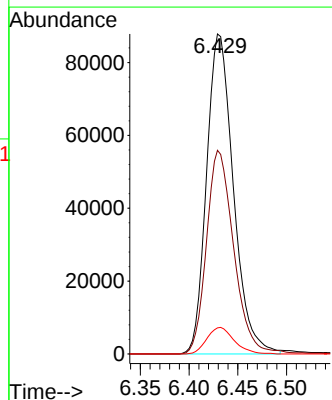
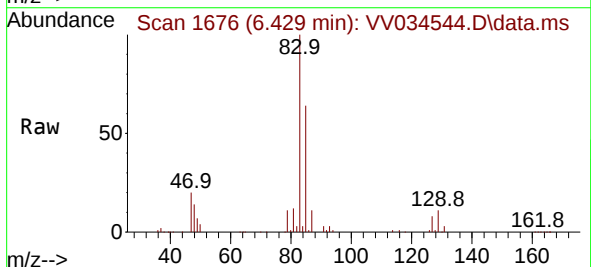
Tgt Ion: 83 Resp: 168262

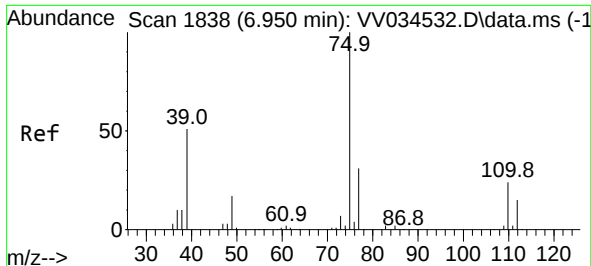
Ion Ratio Lower Upper

83 100

85 63.6 44.6 82.8

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 51.669 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

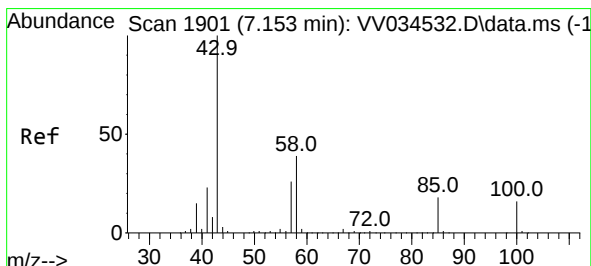
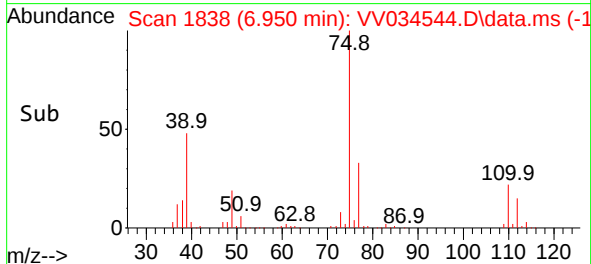
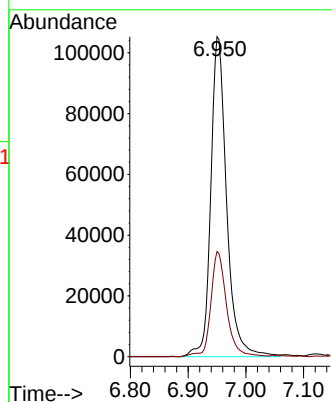
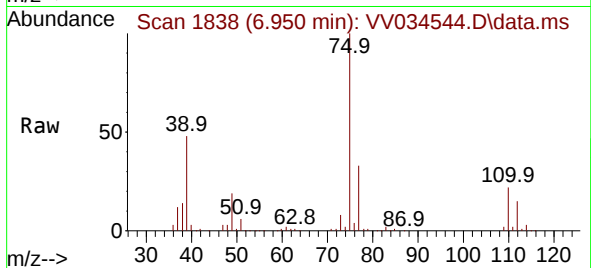
DCNR0MSD

Tgt Ion: 75 Resp: 200926

Ion Ratio Lower Upper

75 100

77 32.9 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 107.151 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

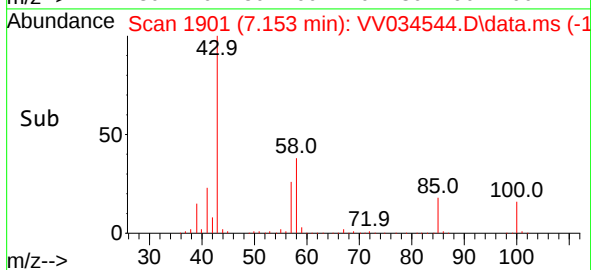
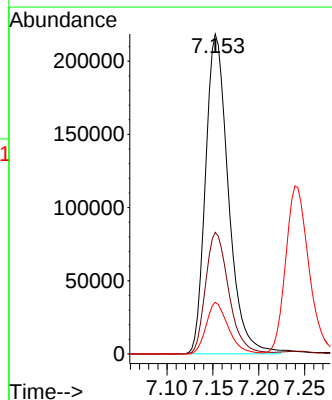
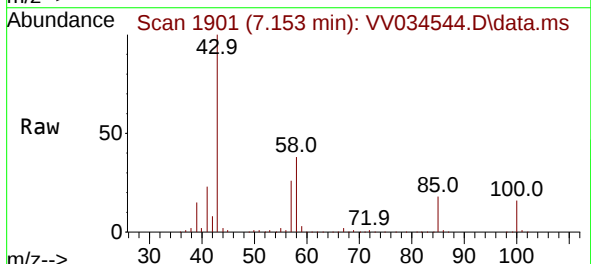
Tgt Ion: 43 Resp: 379222

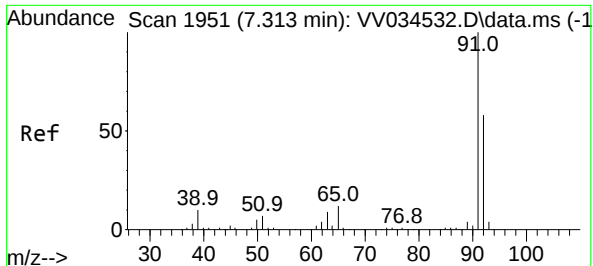
Ion Ratio Lower Upper

43 100

58 38.6 30.6 46.0

100 15.7 12.5 18.7





#42

Toluene

Concen: 49.953 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

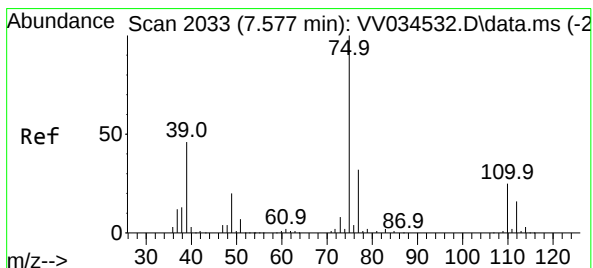
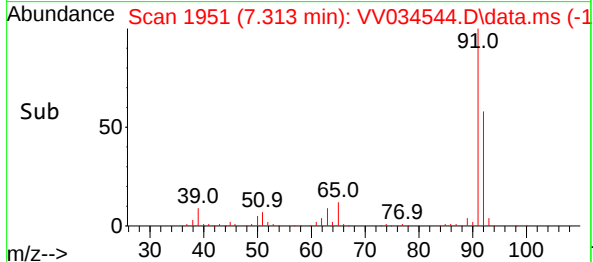
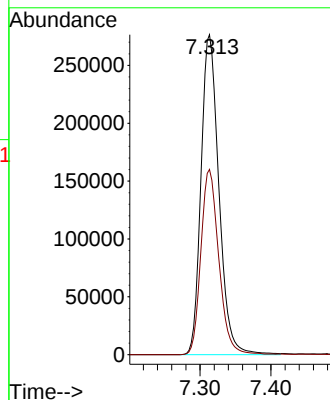
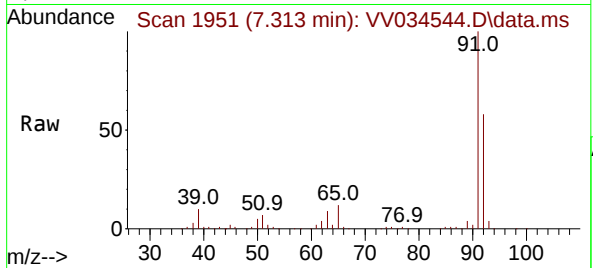
DCNR0MSD

Tgt Ion: 91 Resp: 484666

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.726 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV034544.D

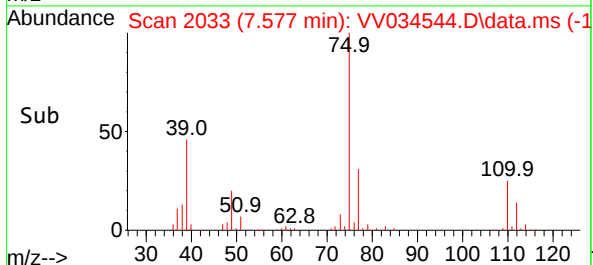
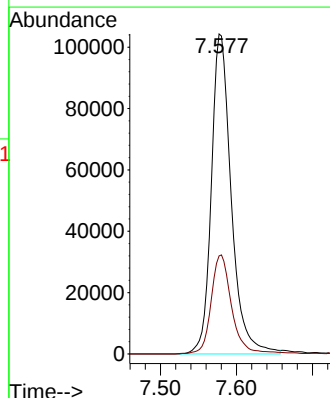
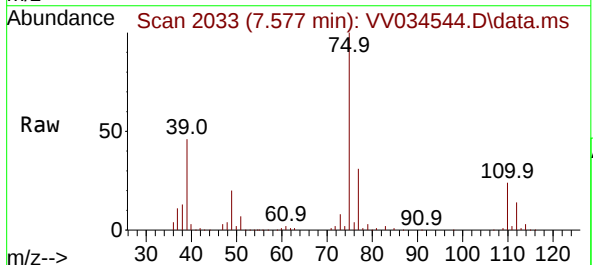
Acq: 11 Mar 2024 15:40

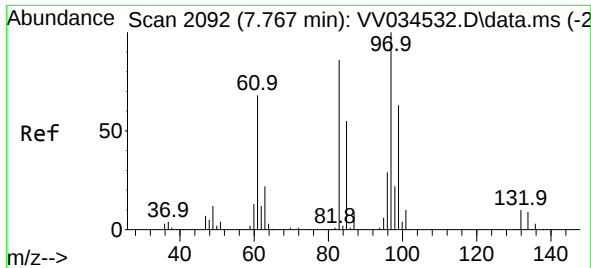
Tgt Ion: 75 Resp: 189716

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.4



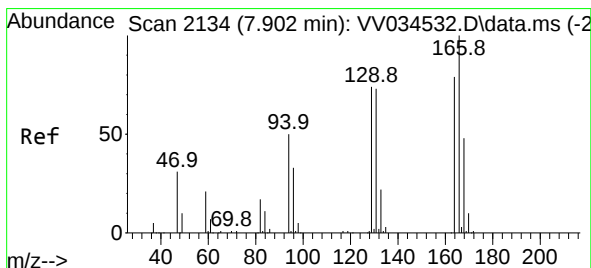
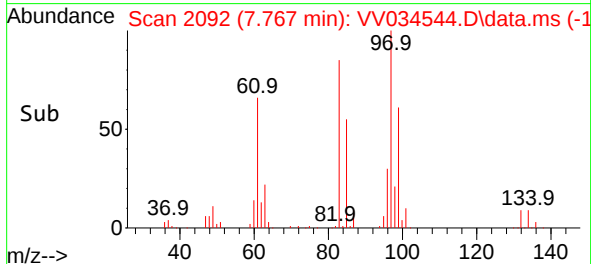
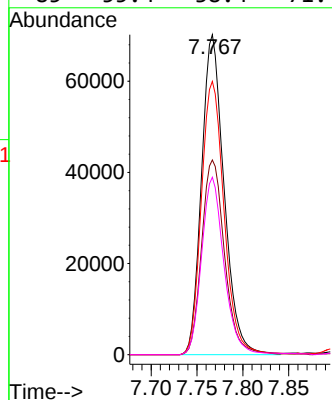
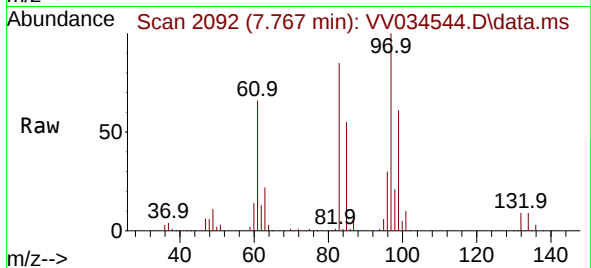


#45
1,1,2-Trichloroethane
Concen: 51.806 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

Tgt Ion: 97 Resp: 119973

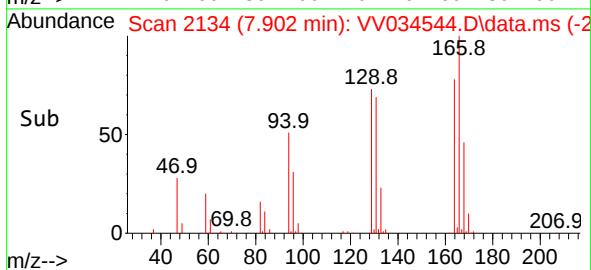
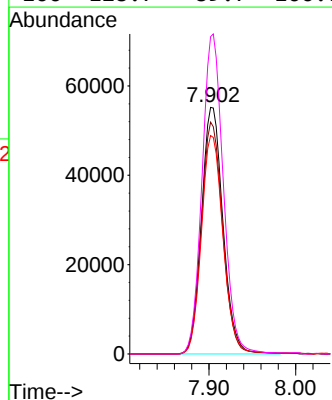
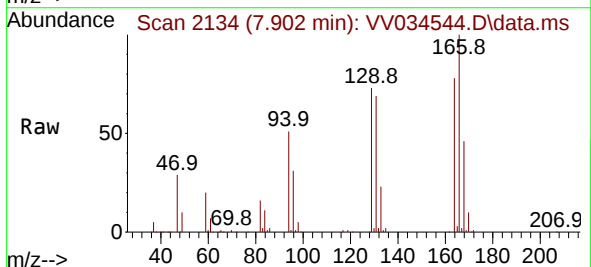
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.8	81.4
83	85.4	59.4	110.2
85	55.4	38.4	71.4

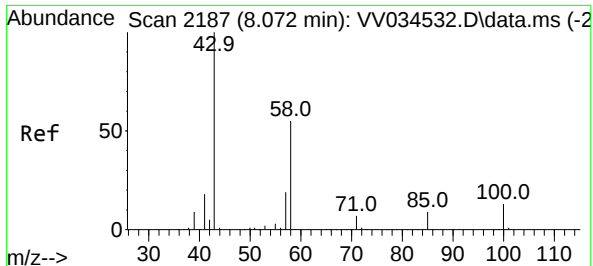


#46
Tetrachloroethene
Concen: 49.293 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 164 Resp: 95529

Ion	Ratio	Lower	Upper
164	100		
129	94.0	65.7	121.9
131	88.6	62.2	115.6
166	128.7	89.7	166.7

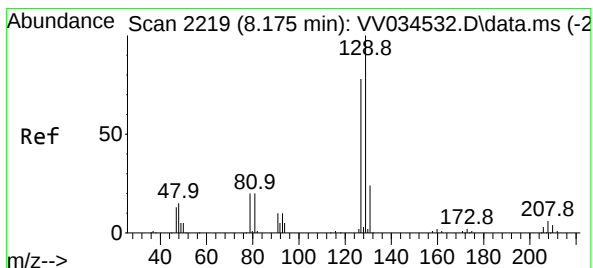
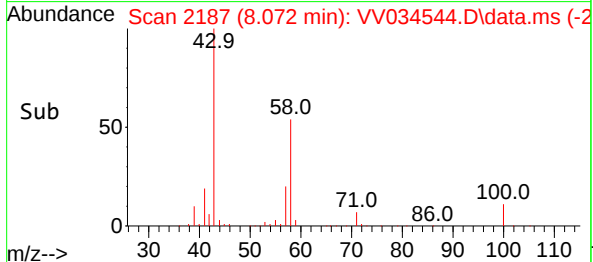
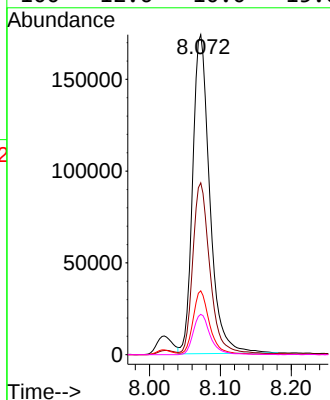
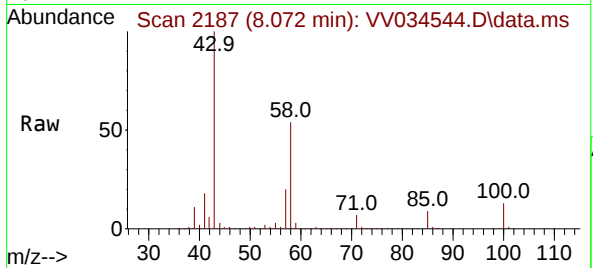




#48
2-Hexanone
Concen: 103.518 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

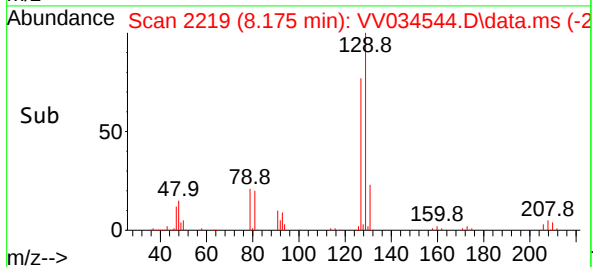
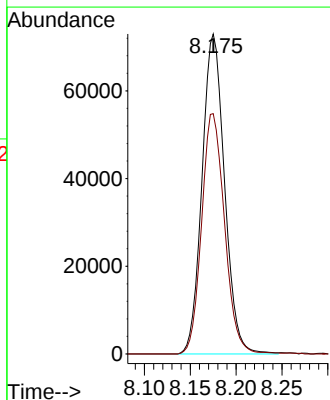
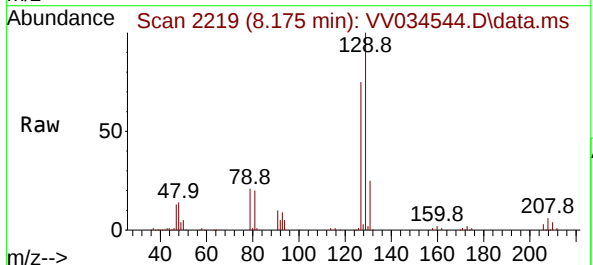
Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

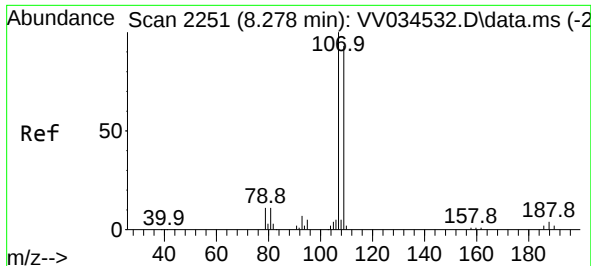
Tgt Ion:	43	Resp:	291936
Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.0	63.0
57	18.4	15.2	22.8
100	12.6	10.0	15.0



#49
Dibromochloromethane
Concen: 51.050 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:	129	Resp:	124756
Ion	Ratio	Lower	Upper
129	100		
127	75.1	53.3	98.9





#50

1,2-Dibromoethane

Concen: 50.783 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

DCNR0MSD

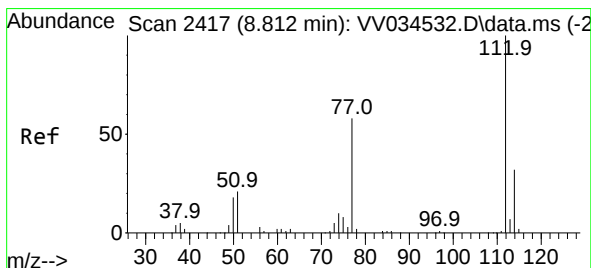
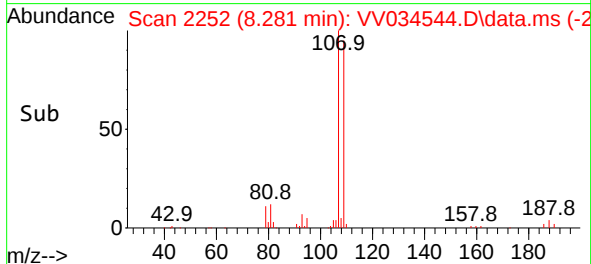
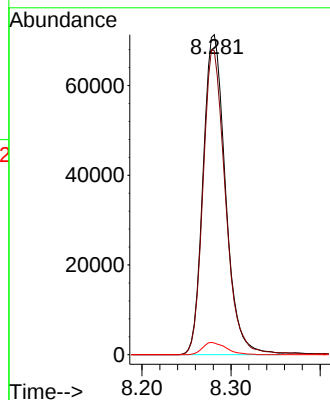
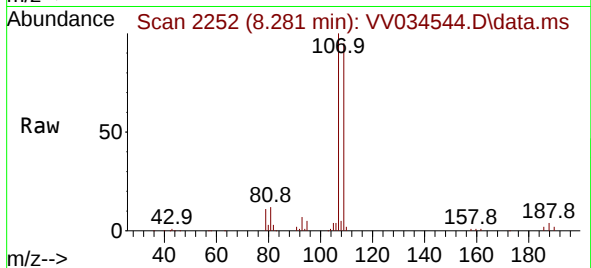
Tgt Ion:107 Resp: 124795

Ion Ratio Lower Upper

107 100

109 95.0 66.5 123.5

188 3.6 3.4 5.2



#51

Chlorobenzene

Concen: 49.517 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

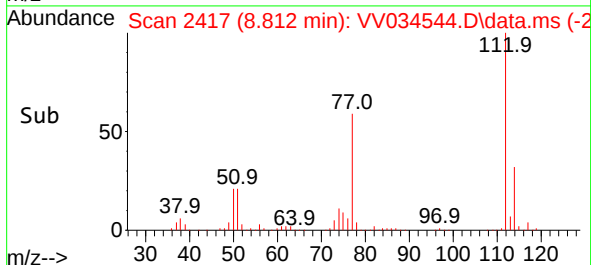
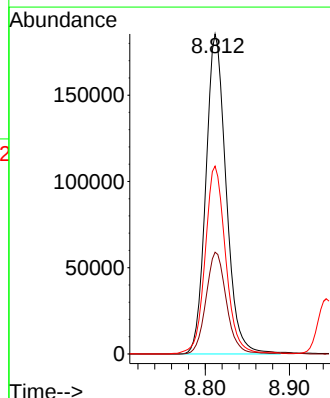
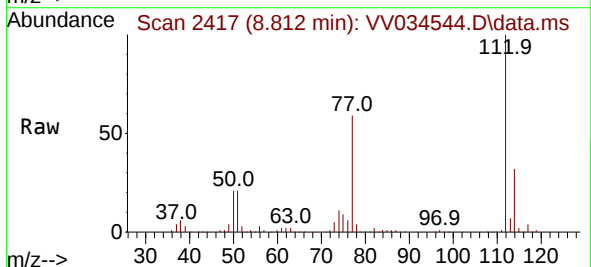
Tgt Ion:112 Resp: 310589

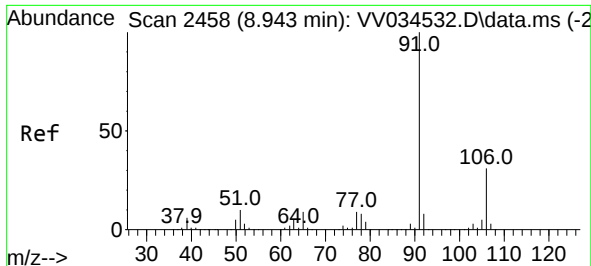
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.5

77 58.7 47.7 71.5

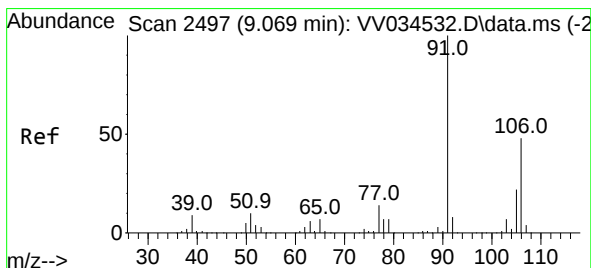
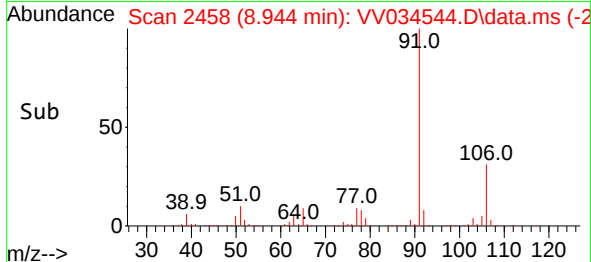
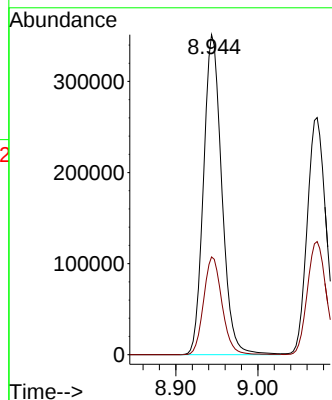
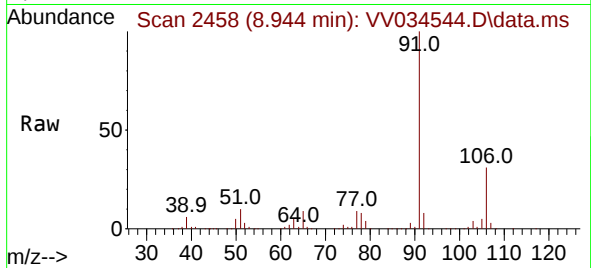




#52
Ethylbenzene
Concen: 50.045 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

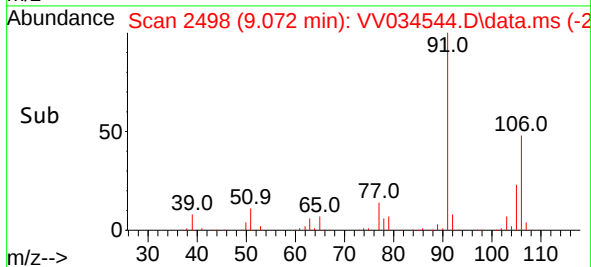
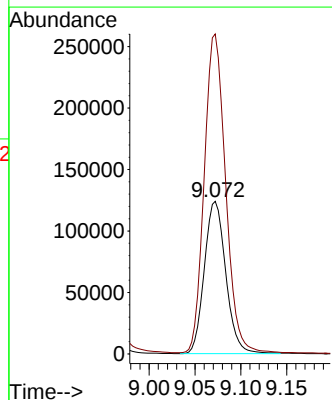
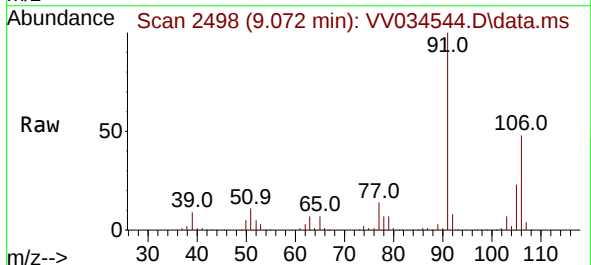
Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

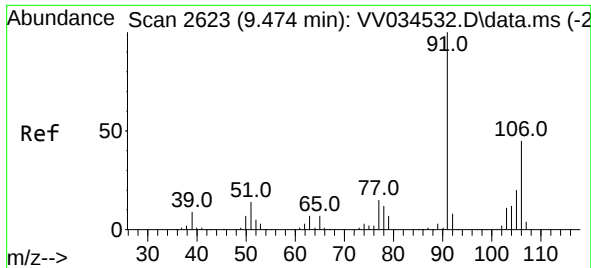
Tgt Ion: 91 Resp: 544062
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 48.932 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 106 Resp: 201867
Ion Ratio Lower Upper
106 100
91 209.7 145.3 269.9

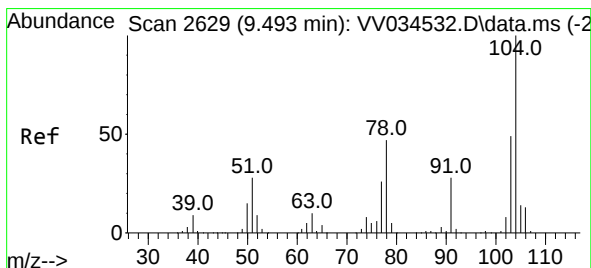
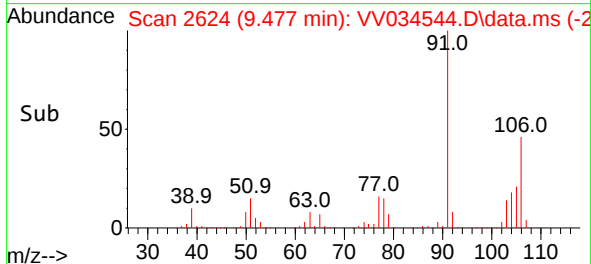
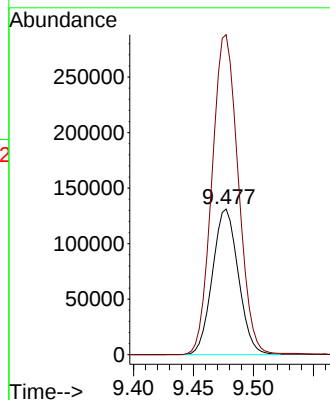
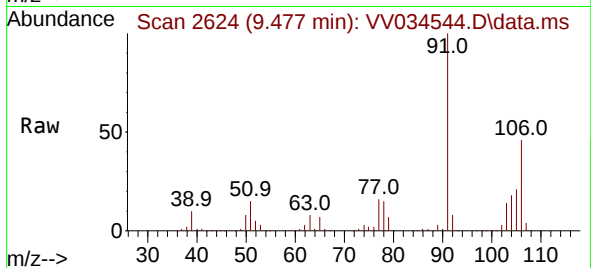




#54
o-Xylene
Concen: 48.837 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

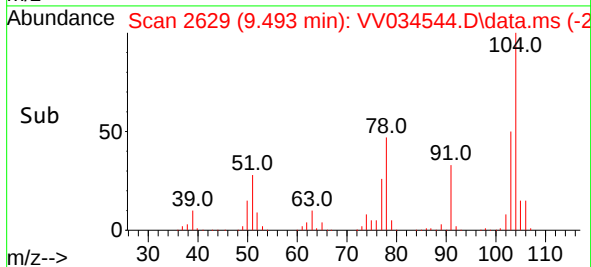
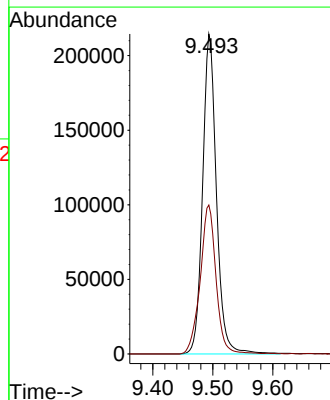
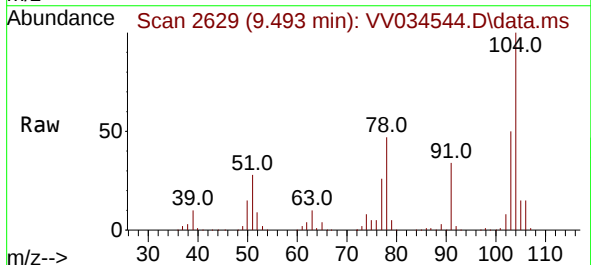
Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

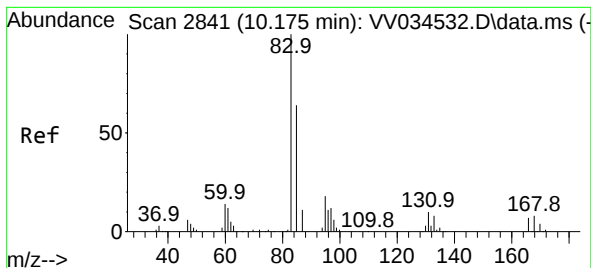
Tgt Ion:106 Resp: 197287
Ion Ratio Lower Upper
106 100
91 219.7 152.2 282.7



#55
Styrene
Concen: 50.400 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:104 Resp: 344729
Ion Ratio Lower Upper
104 100
78 46.6 33.0 61.4

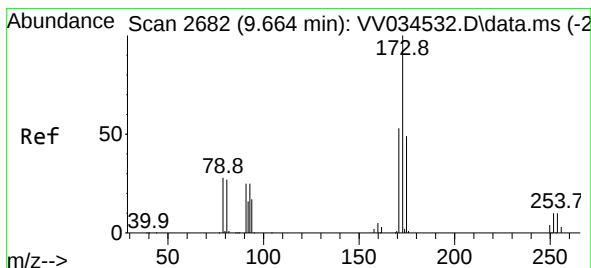
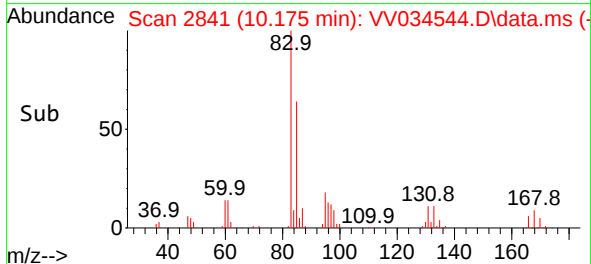
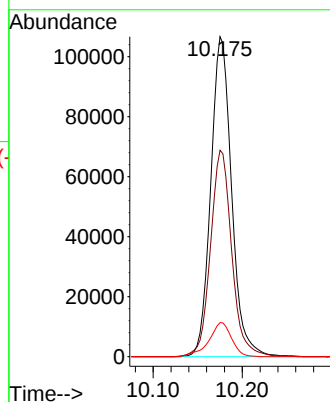
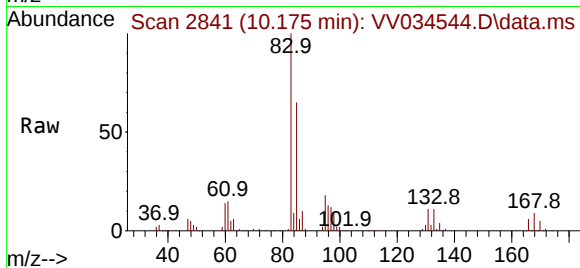




#57
1,1,2,2-Tetrachloroethane
Concen: 49.841 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

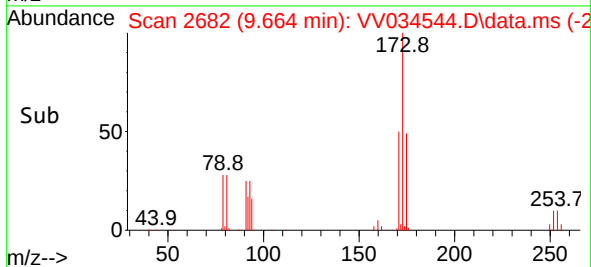
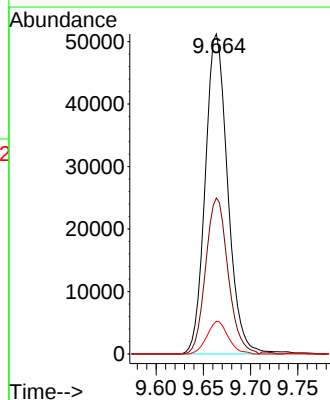
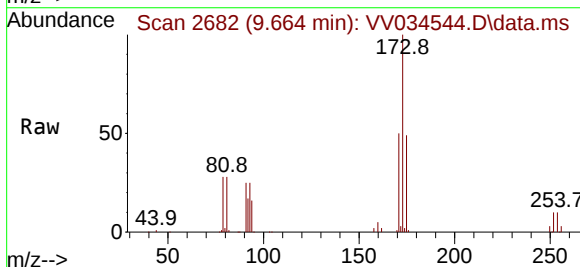
Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

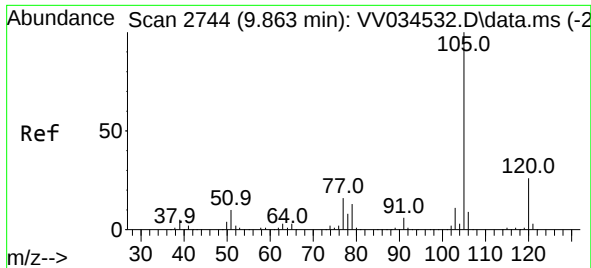
Tgt Ion: 83 Resp: 173360
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.2
131 10.7 8.3 12.5



#59
Bromoform
Concen: 50.356 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 173 Resp: 84805
Ion Ratio Lower Upper
173 100
175 48.5 39.1 58.7
254 9.6 7.8 11.8

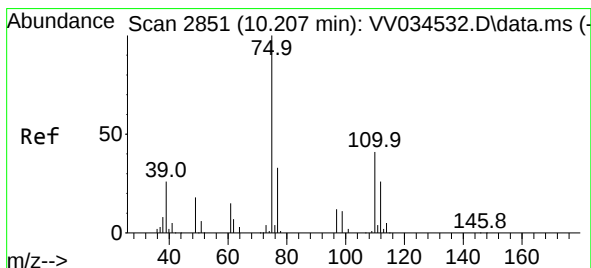
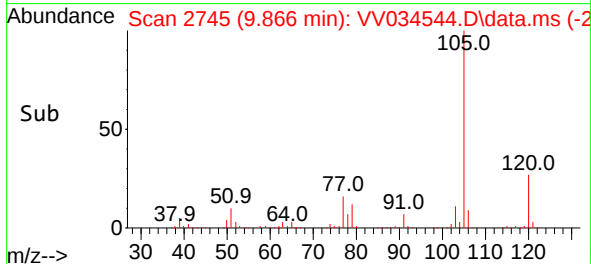
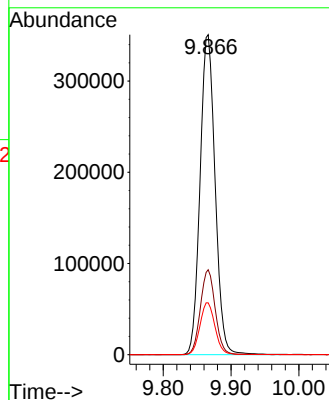
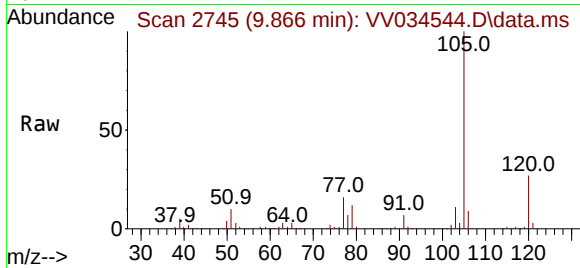




#60
Isopropylbenzene
Concen: 50.344 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

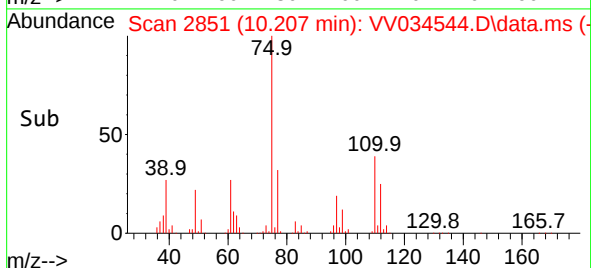
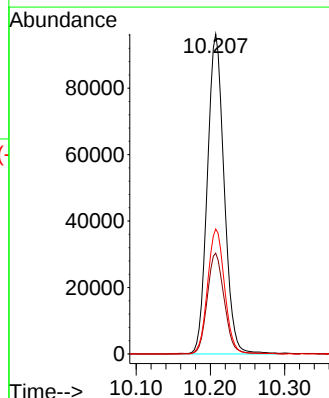
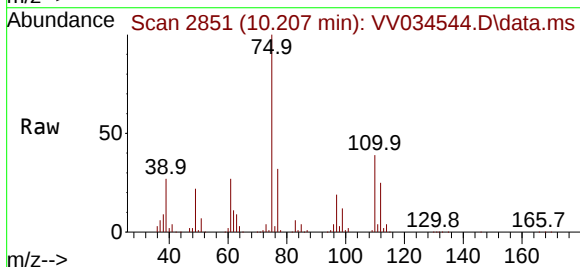
Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

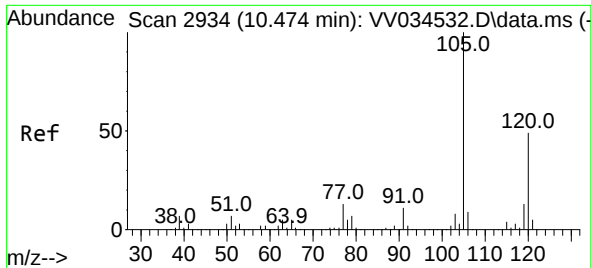
Tgt Ion:105 Resp: 540847
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 52.071 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 75 Resp: 150983
Ion Ratio Lower Upper
75 100
77 31.9 25.9 38.9
110 39.5 33.1 49.7

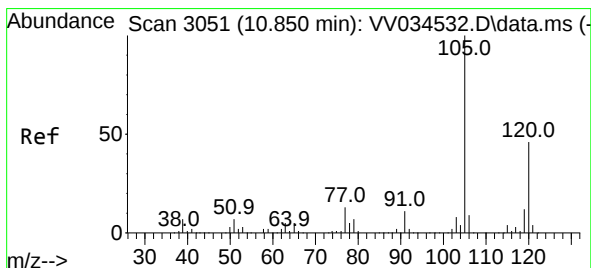
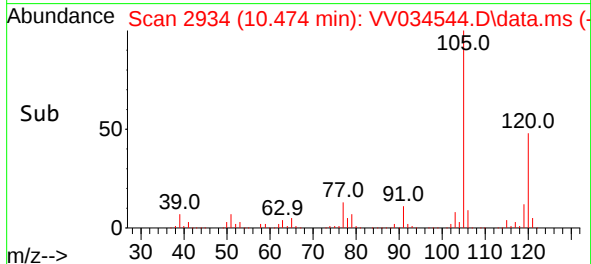
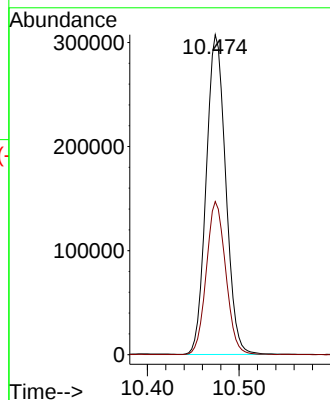
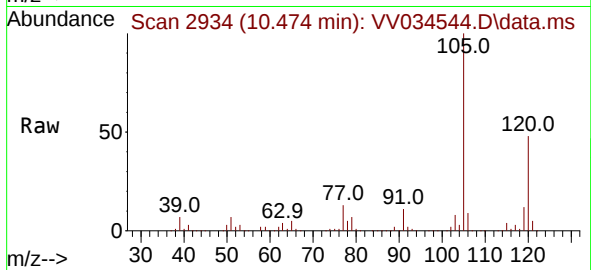




#62
1,3,5-Trimethylbenzene
Concen: 50.143 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

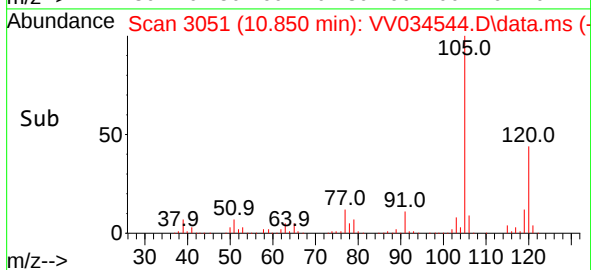
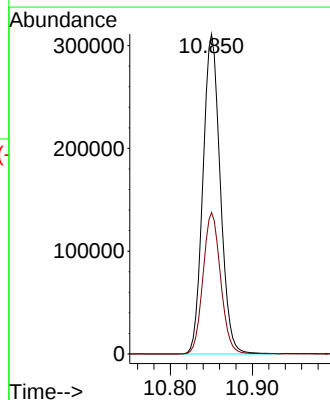
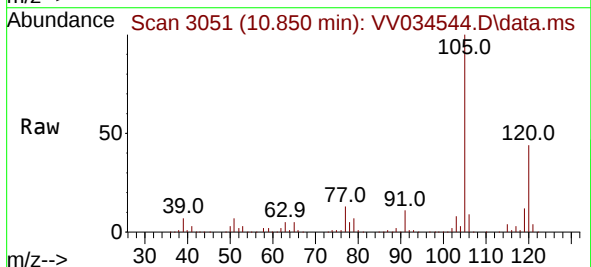
Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

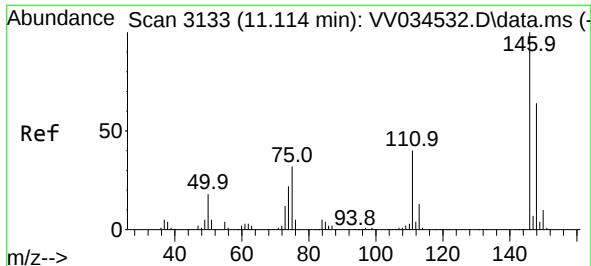
Tgt Ion:105 Resp: 454404
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 50.837 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:105 Resp: 455646
Ion Ratio Lower Upper
105 100
120 44.9 36.2 54.4

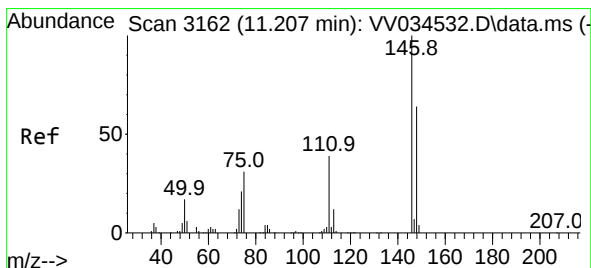
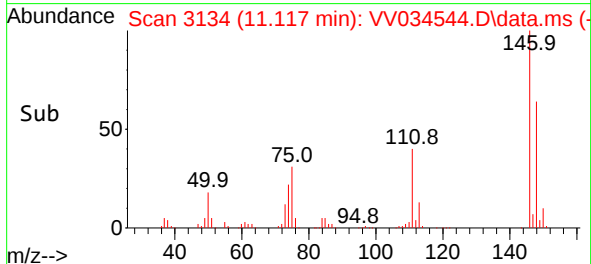
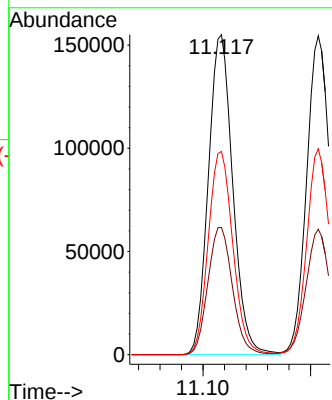
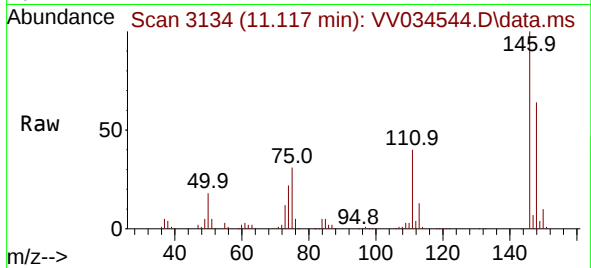




#64
1,3-Dichlorobenzene
Concen: 49.160 ug/L
RT: 11.117 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

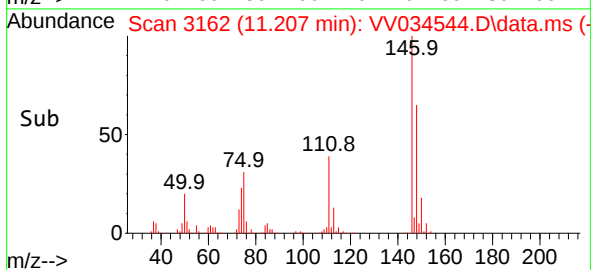
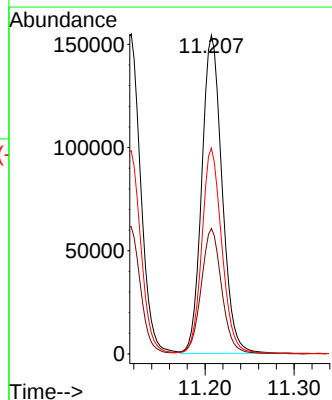
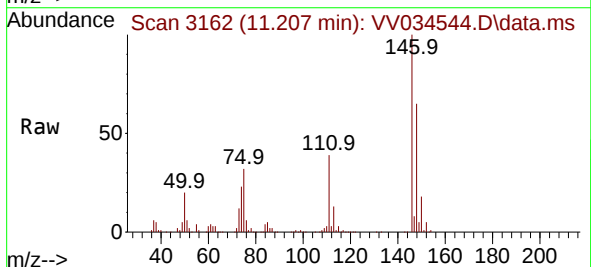
Instrument :
MSVOA_V
ClientSampleId :
DCNR0MSD

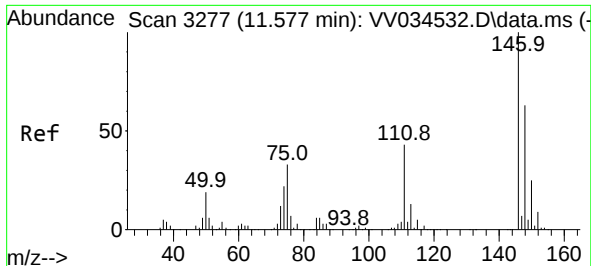
Tgt Ion:146 Resp: 244182
Ion Ratio Lower Upper
146 100
111 39.7 27.9 51.7
148 63.5 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 48.310 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:146 Resp: 243681
Ion Ratio Lower Upper
146 100
111 39.3 26.5 49.1
148 64.6 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 49.648 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

DCNR0MSD

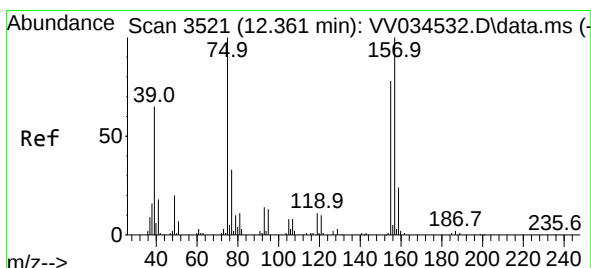
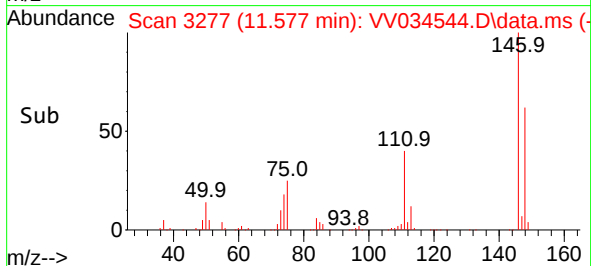
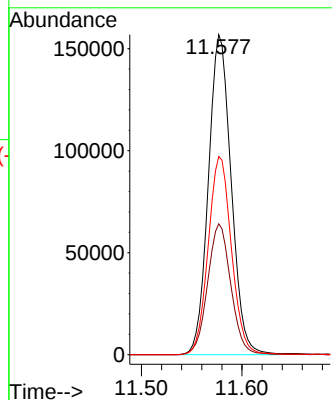
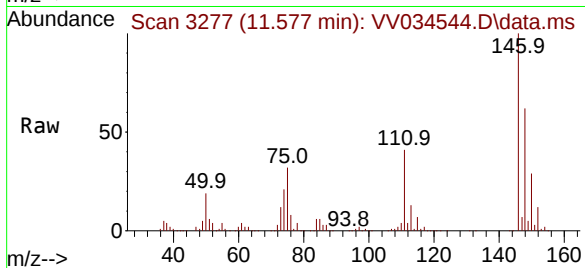
Tgt Ion:146 Resp: 247113

Ion Ratio Lower Upper

146 100

111 40.9 33.8 50.8

148 61.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 53.132 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

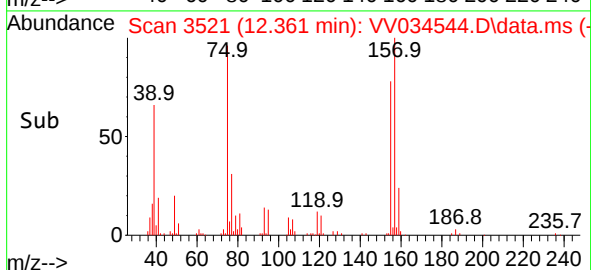
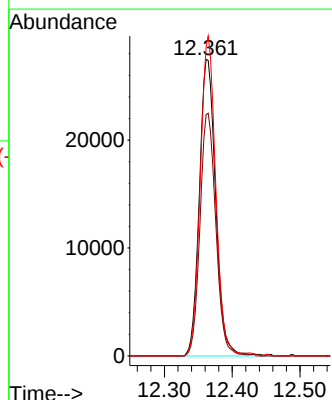
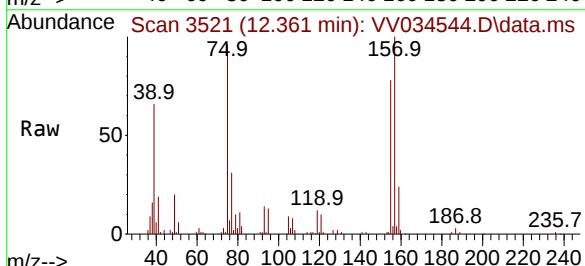
Tgt Ion: 75 Resp: 45892

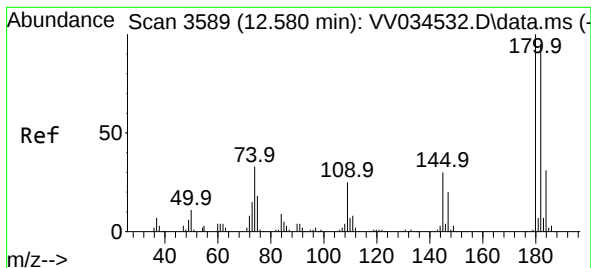
Ion Ratio Lower Upper

75 100

155 81.4 63.3 94.9

157 104.3 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 47.896 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

DCNR0MSD

Tgt Ion:180 Resp: 178472

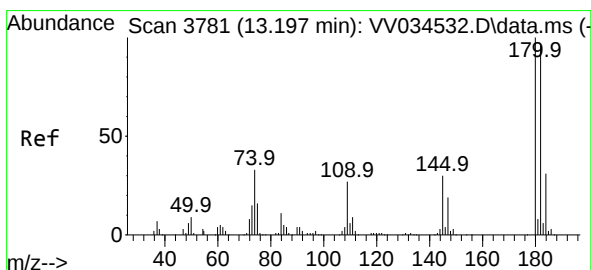
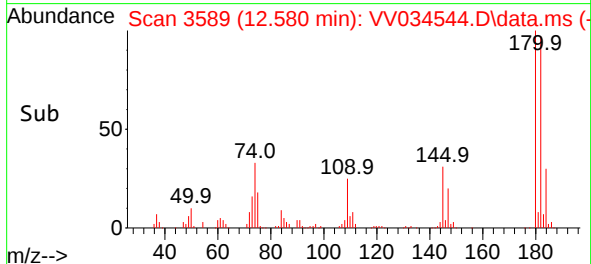
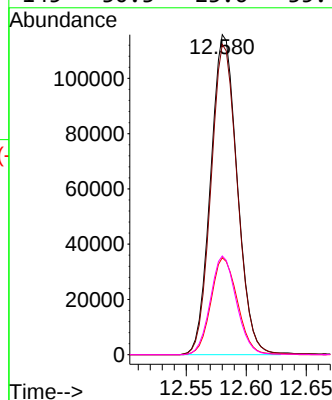
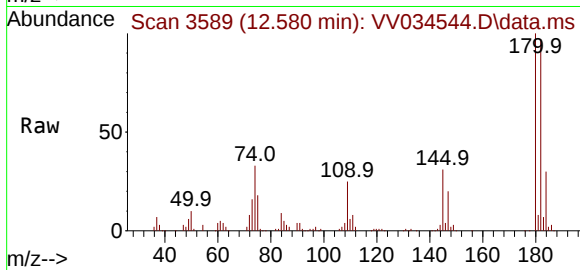
Ion Ratio Lower Upper

180 100

182 96.0 74.6 112.0

184 30.1 23.6 35.4

145 30.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 49.184 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

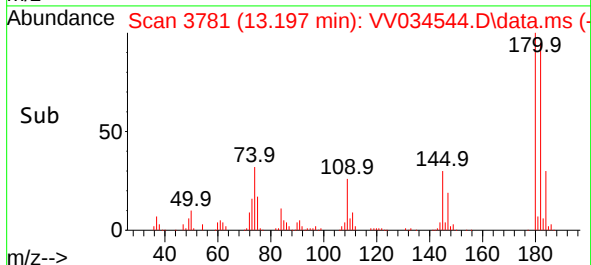
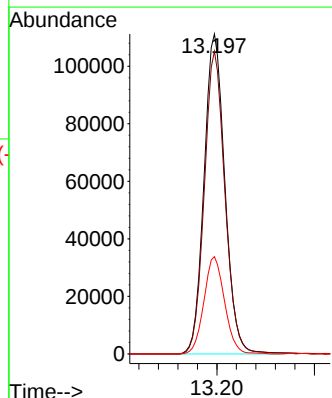
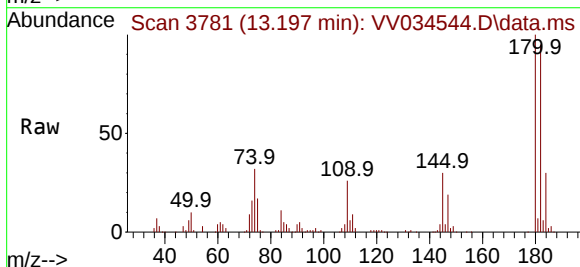
Tgt Ion:180 Resp: 164911

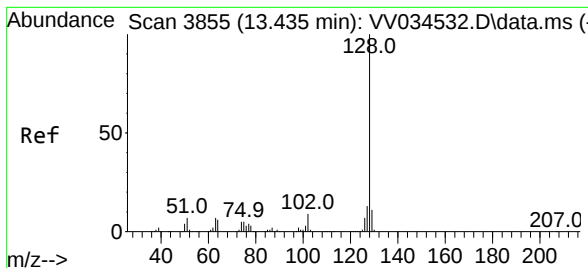
Ion Ratio Lower Upper

180 100

182 93.8 74.8 112.2

145 30.2 24.2 36.4





#71

Naphthalene

Concen: 55.098 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Instrument :

MSVOA_V

ClientSampleId :

DCNR0MSD

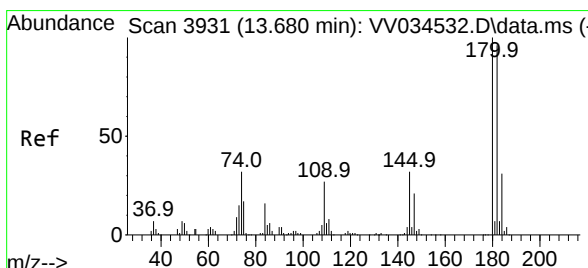
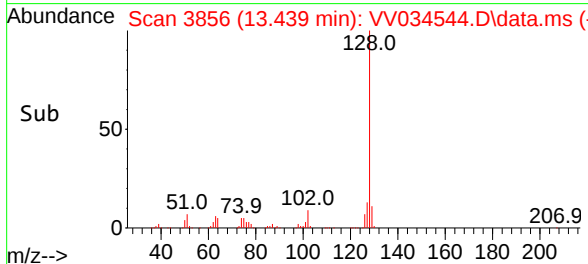
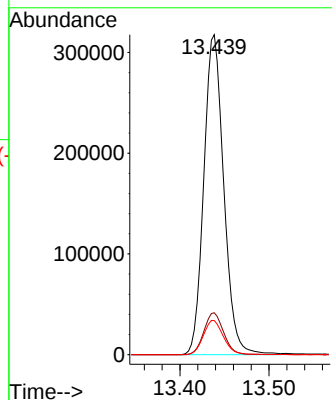
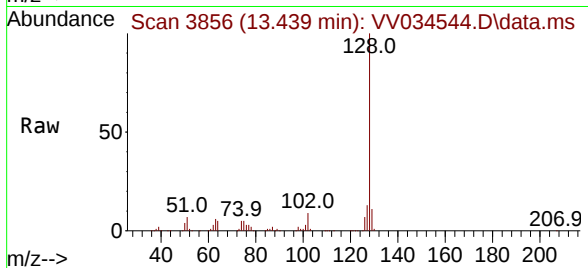
Tgt Ion:128 Resp: 494168

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.291 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034544.D

Acq: 11 Mar 2024 15:40

Tgt Ion:180 Resp: 164499

Ion Ratio Lower Upper

180 100

182 97.7 75.9 113.9

145 32.6 25.5 38.3

