

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070324\
 Data File : VW036428.D
 Acq On : 03 Jul 2024 08:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 04 02:00:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:08:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	361834	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	367261	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	200247	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	123734	20.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.560%
7) Chloroethane-d5	1.526	69	103612	21.110	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.440%
11) 1,1-Dichloroethene-d2	2.050	65	57578	19.931	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.720%
21) 2-Butanone-d5	3.847	46	25228	17.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	35.380%
24) Chloroform-d	4.239	84	243312	22.781	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.120%
26) 1,2-Dichloroethane-d4	4.934	65	125352	22.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.040%
32) Benzene-d6	4.950	84	447079	21.565	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.240%
36) 1,2-Dichloropropane-d6	5.982	67	139937	22.440	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.760%
41) Toluene-d8	7.236	98	410265	21.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.548	79	59249	21.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.120%
47) 2-Hexanone-d5	8.030	63	38240	38.416	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.840%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	109110	21.345	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	11.557	152	153664	21.058	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	179527	26.114	ug/L	100
3) Chloromethane	1.211	50	159094	25.566	ug/L	100
5) Vinyl chloride	1.278	62	186011	25.885	ug/L	99
6) Bromomethane	1.484	94	125440	25.955	ug/L	100
8) Chloroethane	1.542	64	117285	26.482	ug/L	97
9) Trichlorofluoromethane	1.706	101	269201	26.231	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	174169	27.056	ug/L	99
12) 1,1-Dichloroethene	2.059	96	152913	26.830	ug/L	91
13) Acetone	2.384	43	52463	27.228	ug/L	100
14) Carbon disulfide	2.230	76	466578	25.947	ug/L	100
15) Methyl Acetate	2.384	43	55307	22.306	ug/L	99
16) Methylene chloride	2.439	84	165443	23.225	ug/L	98
17) trans-1,2-Dichloroethene	2.683	96	150781	26.645	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	332319	25.228	ug/L	99
19) 1,1-Dichloroethane	3.101	63	268803	26.716	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	149598	26.284	ug/L	99
22) 2-Butanone	3.911	43	63305	38.964	ug/L	82
23) Bromochloromethane	4.137	128	78458	26.437	ug/L	94
25) Chloroform	4.265	83	287118	26.755	ug/L	100

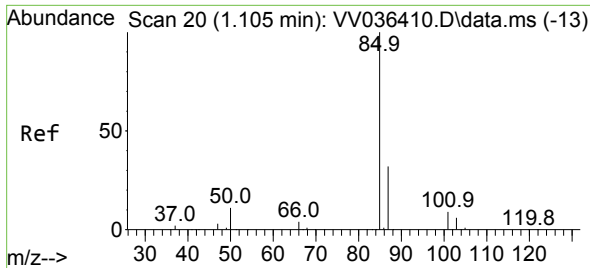
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 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:08:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	182461	26.258	ug/L	99
29) Cyclohexane	4.574	56	206476	26.389	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	249430	27.391	ug/L	99
31) Carbon tetrachloride	4.725	117	219511	27.054	ug/L	100
33) Benzene	5.001	78	589486	27.100	ug/L	100
34) Trichloroethene	5.825	95	181136	26.388	ug/L	99
35) Methylcyclohexane	6.043	83	262131	27.402	ug/L	100
37) 1,2-Dichloropropane	6.085	63	143923	25.907	ug/L	98
38) Bromodichloromethane	6.426	83	202149	26.605	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	224864	26.322	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	145798	46.534	ug/L	98
42) Toluene	7.310	91	638937	28.092	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	202748	26.387	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	126369	25.735	ug/L	100
46) Tetrachloroethene	7.898	164	136014	27.265	ug/L	99
48) 2-Hexanone	8.075	43	110731	44.931	ug/L	98
49) Dibromochloromethane	8.172	129	144791	26.451	ug/L	97
50) 1,2-Dibromoethane	8.278	107	124597	25.757	ug/L	98
51) Chlorobenzene	8.808	112	410989	26.434	ug/L	99
52) Ethylbenzene	8.940	91	677234	27.591	ug/L	100
53) m,p-Xylene	9.069	106	264469	28.910	ug/L	100
54) o-Xylene	9.474	106	241460	28.068	ug/L	99
55) Styrene	9.490	104	446941	29.644	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	106753	24.291	ug/L	100
59) Bromoform	9.660	173	94274	24.871	ug/L	99
60) Isopropylbenzene	9.863	105	681044	28.135	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	107859	23.868	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	485688	28.037	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	535382	28.440	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	340847	27.023	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	347649	25.713	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	313862	26.065	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	23209	22.892	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	247889	26.100	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	197769	26.112	ug/L	100
71) Naphthalene	13.435	128	312363	23.131	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	190273	26.716	ug/L	98

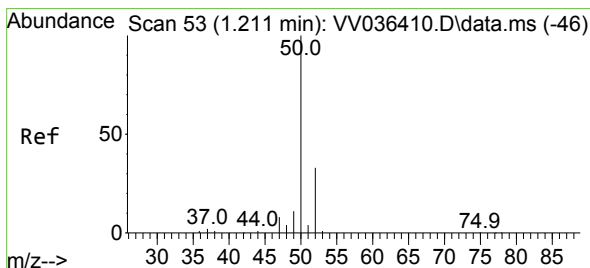
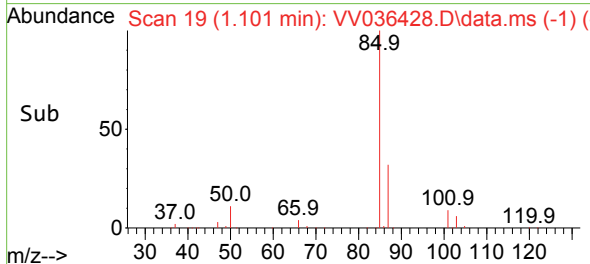
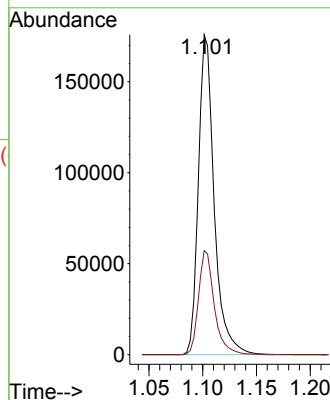
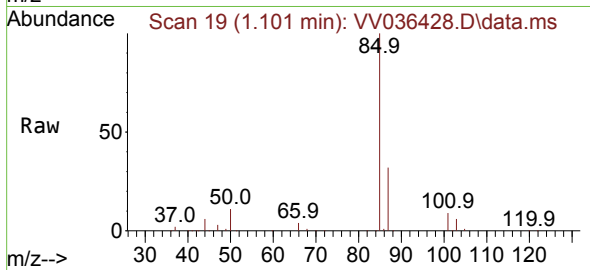
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#2
Dichlorodifluoromethane
Concen: 26.114 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.003 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

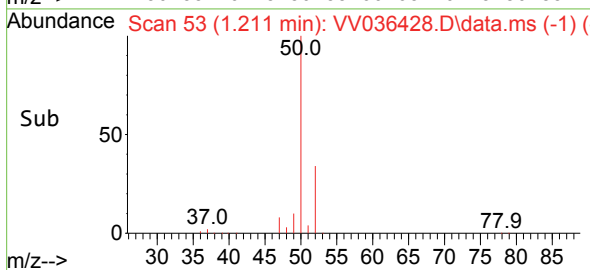
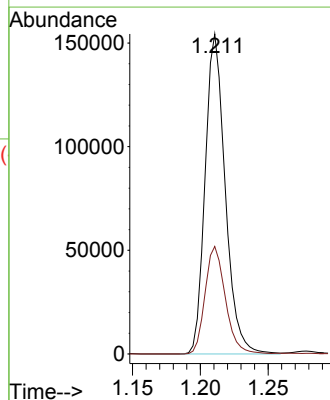
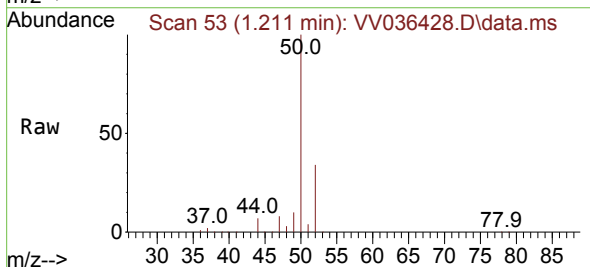
Instrument :
MSVOA_V
ClientSampleId :

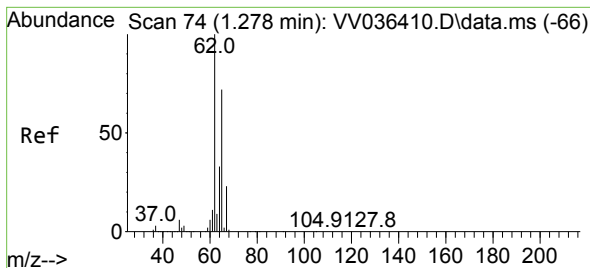
Tgt Ion: 85 Resp: 179527
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 25.566 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

Tgt Ion: 50 Resp: 159094
Ion Ratio Lower Upper
50 100
52 33.6 23.5 43.7





#5

Vinyl chloride

Concen: 25.885 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

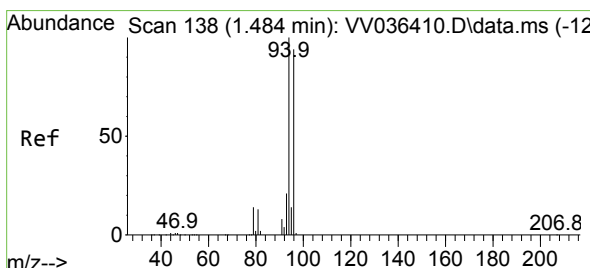
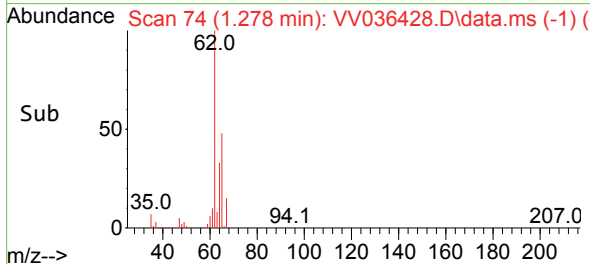
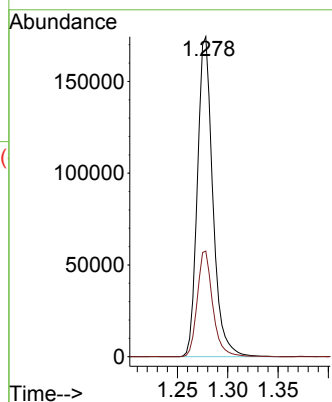
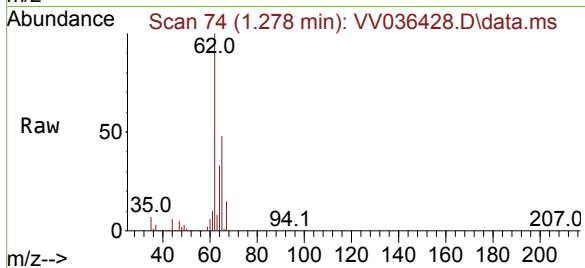
ClientSampleId :

Tgt Ion: 62 Resp: 186011

Ion Ratio Lower Upper

62 100

64 33.0 23.4 43.4



#6

Bromomethane

Concen: 25.955 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV036428.D

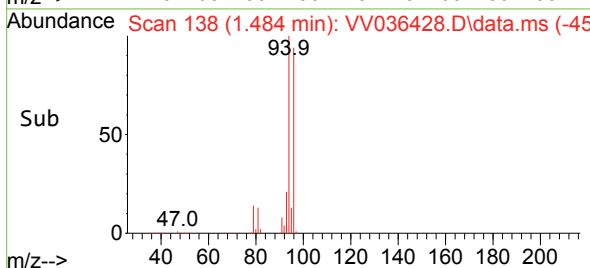
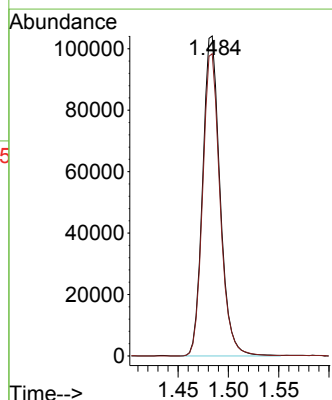
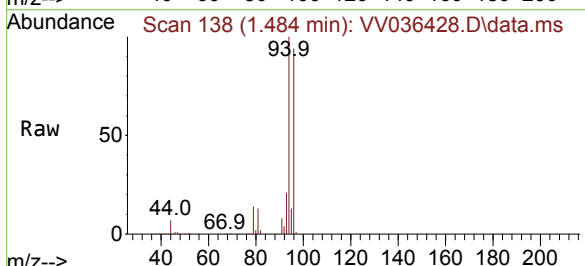
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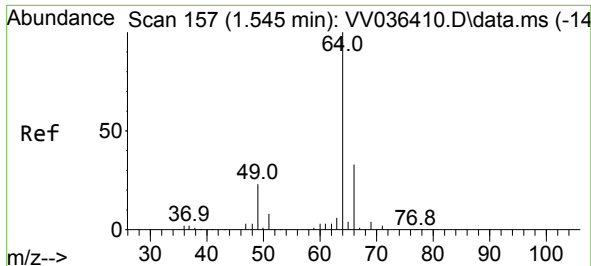
Tgt Ion: 94 Resp: 125440

Ion Ratio Lower Upper

94 100

96 94.5 66.1 122.7

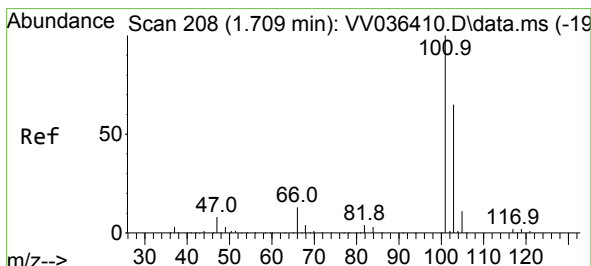
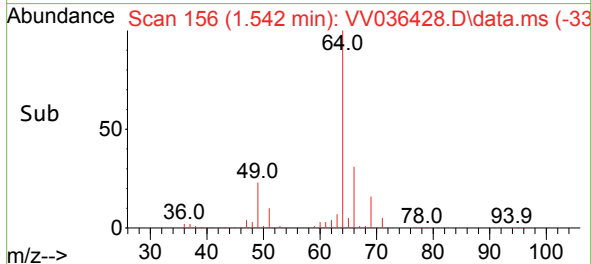
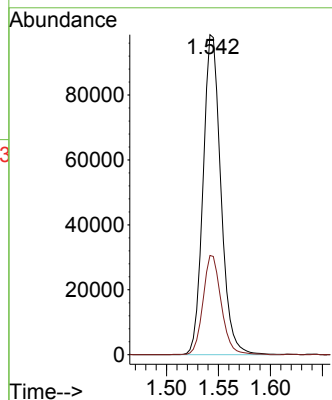
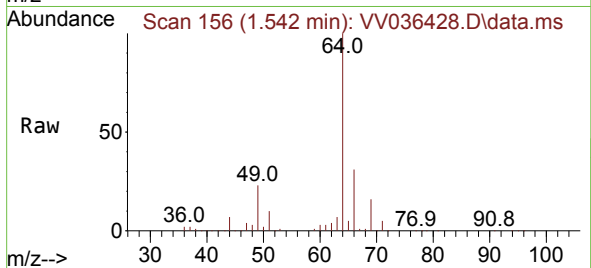




#8
Chloroethane
Concen: 26.482 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

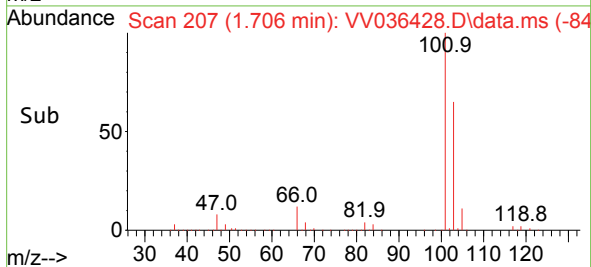
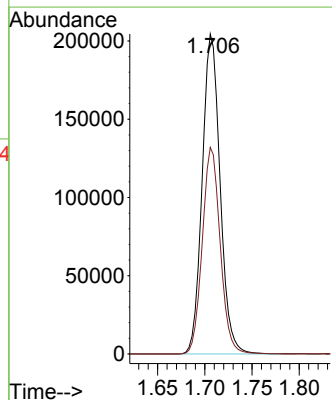
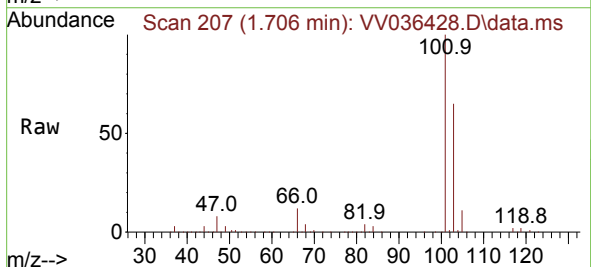
Instrument :
MSVOA_V
ClientSampleId :

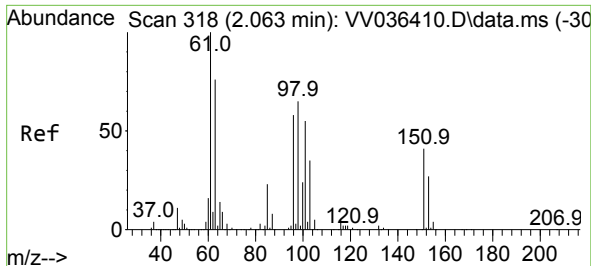
Tgt Ion: 64 Resp: 117285
Ion Ratio Lower Upper
64 100
66 31.0 23.0 42.6



#9
Trichlorofluoromethane
Concen: 26.231 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

Tgt Ion:101 Resp: 269201
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

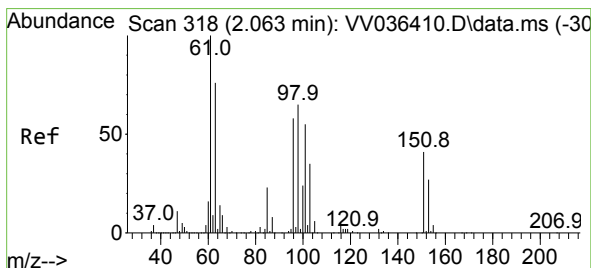
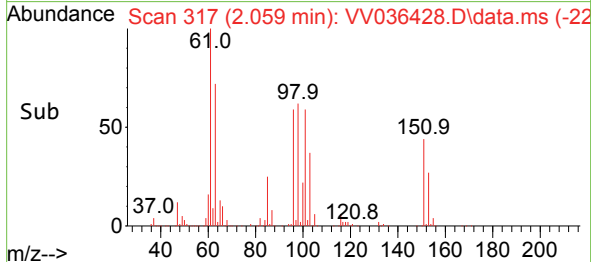
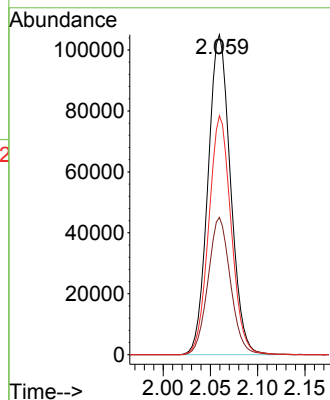
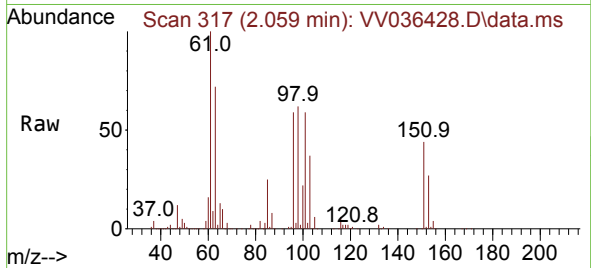




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.056 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

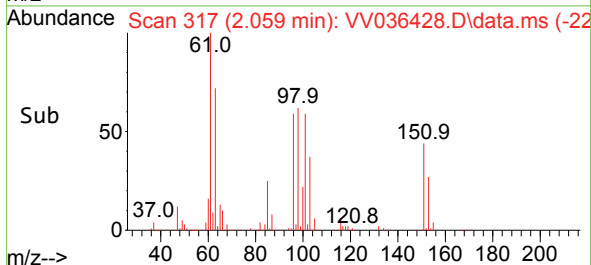
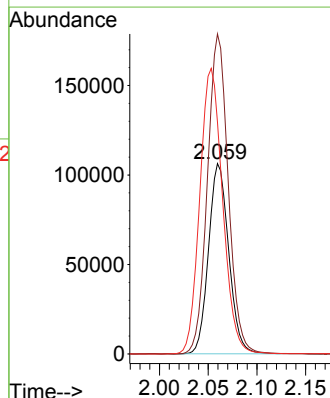
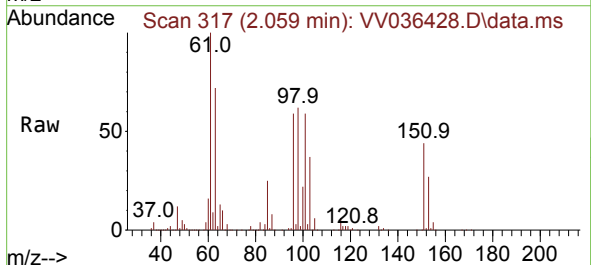
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ClientSampleId :

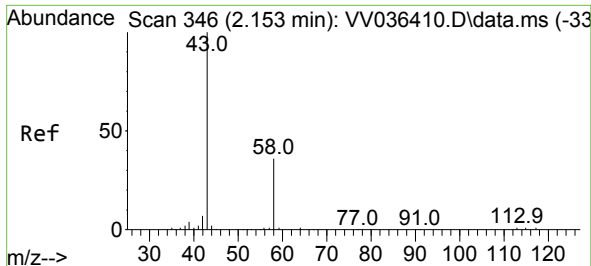
Tgt Ion:101 Resp: 174169
Ion Ratio Lower Upper
101 100
85 42.7 34.6 51.8
151 74.2 58.9 88.3



#12
1,1-Dichloroethene
Concen: 26.830 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

Tgt Ion: 96 Resp: 152913
Ion Ratio Lower Upper
96 100
61 168.1 122.6 227.8
63 121.7 96.1 178.5





#13

Acetone

Concen: 27.228 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.231 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

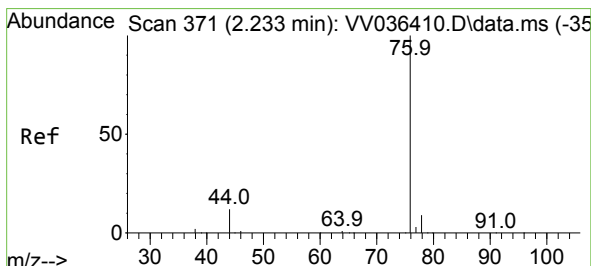
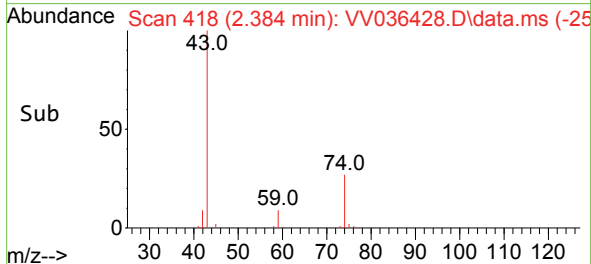
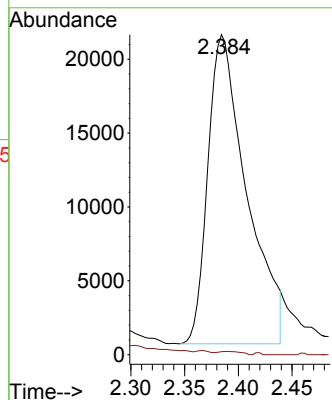
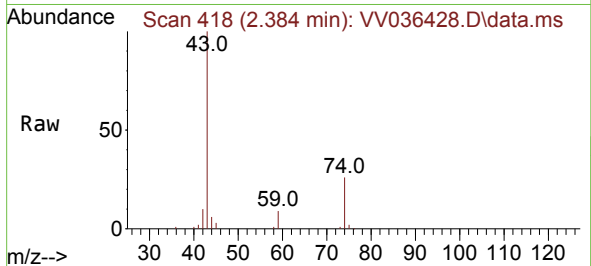
ClientSampleId :

Tgt Ion: 43 Resp: 52463

Ion Ratio Lower Upper

43 100

58 0.6 0.0 0.6



#14

Carbon disulfide

Concen: 25.947 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV036428.D

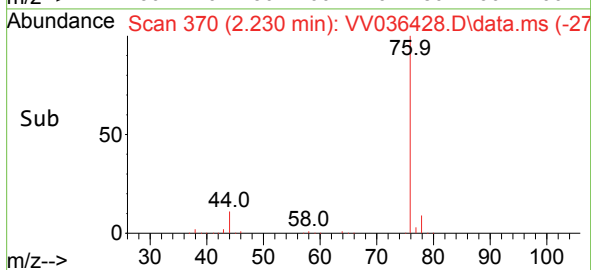
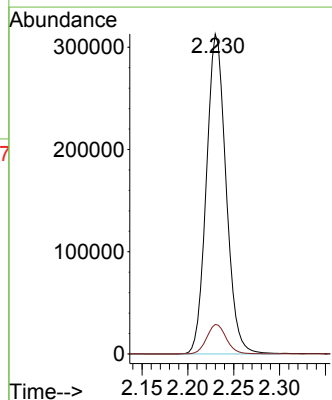
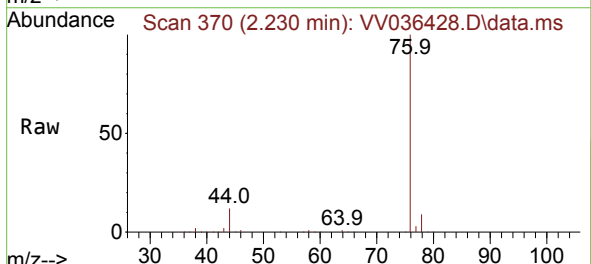
Acq: 03 Jul 2024 08:40

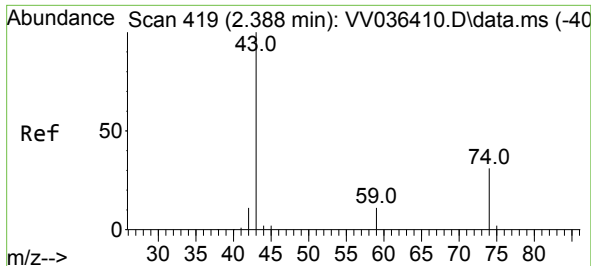
Tgt Ion: 76 Resp: 466578

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

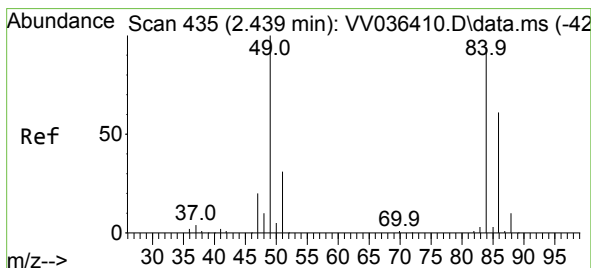
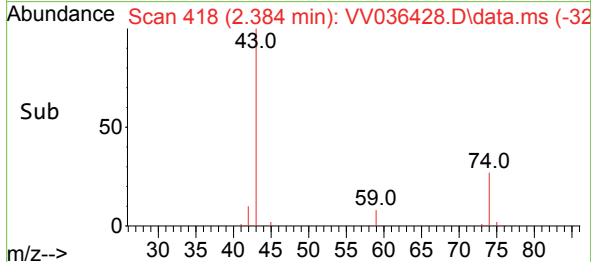
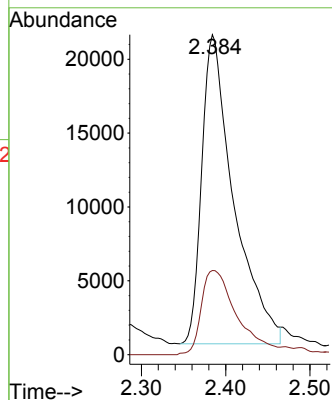
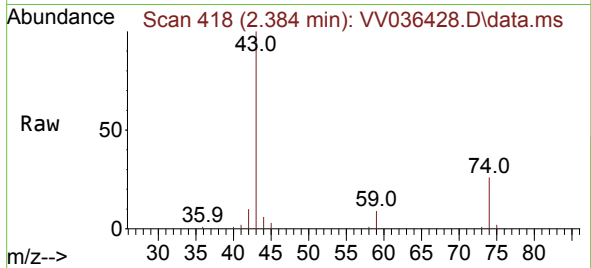




#15
Methyl Acetate
Concen: 22.306 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

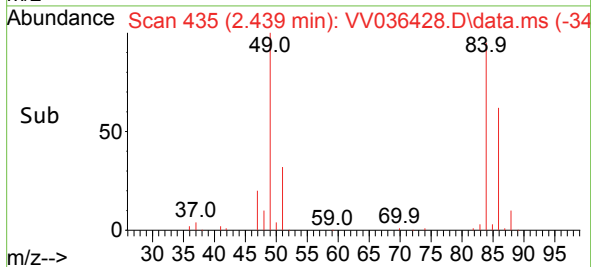
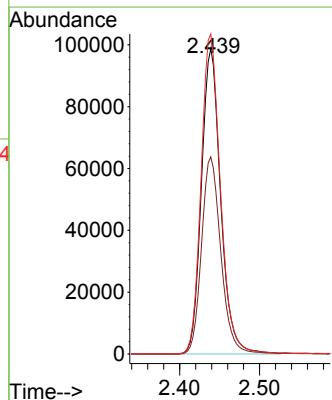
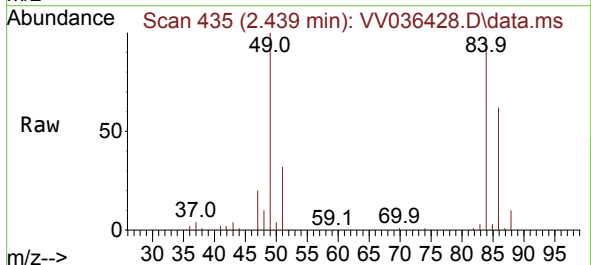
Instrument :
MSVOA_V
ClientSampleId :

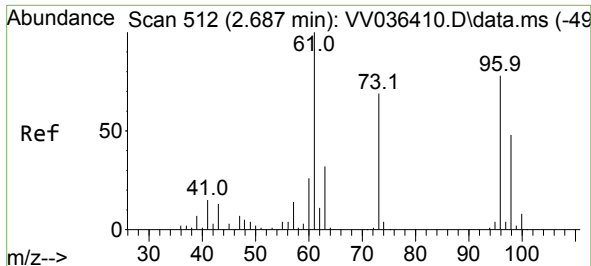
Tgt Ion: 43 Resp: 55307
Ion Ratio Lower Upper
43 100
74 30.4 23.8 35.6



#16
Methylene chloride
Concen: 23.225 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

Tgt Ion: 84 Resp: 165443
Ion Ratio Lower Upper
84 100
86 64.6 45.6 84.8
49 104.8 75.7 140.5





#17

trans-1,2-Dichloroethene

Concen: 26.645 ug/L

RT: 2.683 min Scan# 511

Delta R.T. -0.003 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

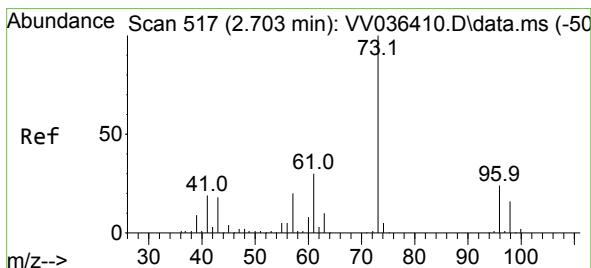
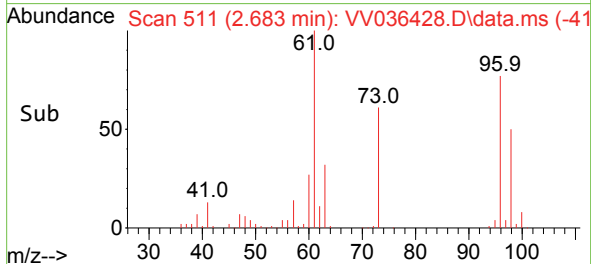
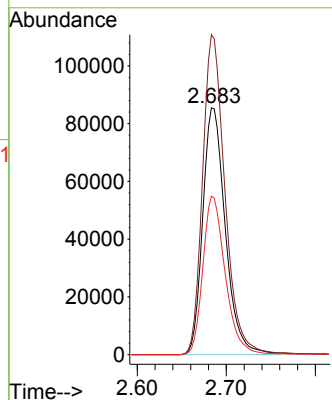
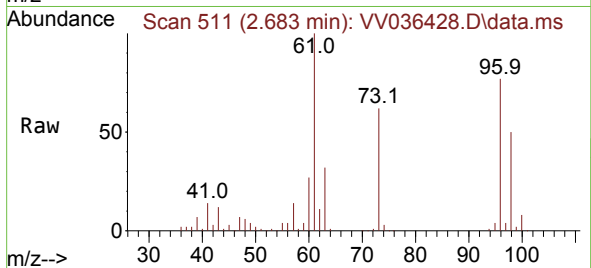
Tgt Ion: 96 Resp: 150781

Ion Ratio Lower Upper

96 100

61 129.6 89.8 166.8

98 64.2 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 25.228 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

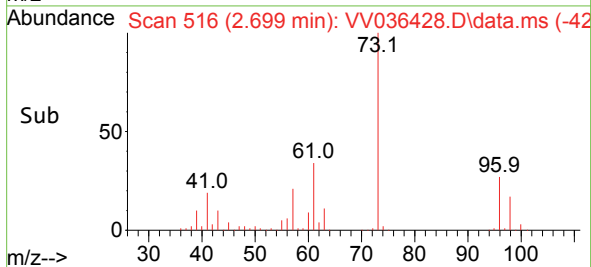
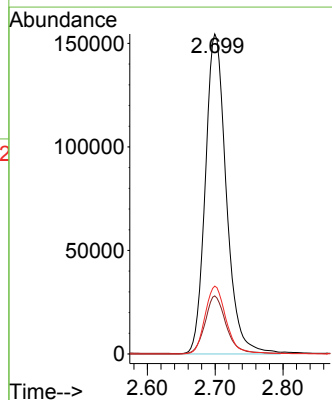
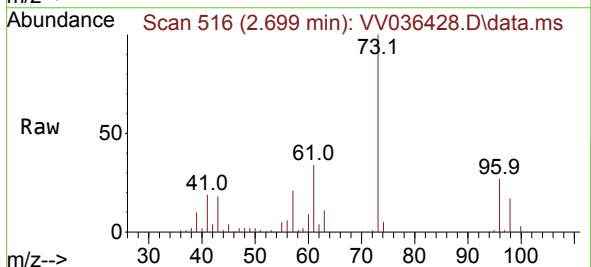
Tgt Ion: 73 Resp: 332319

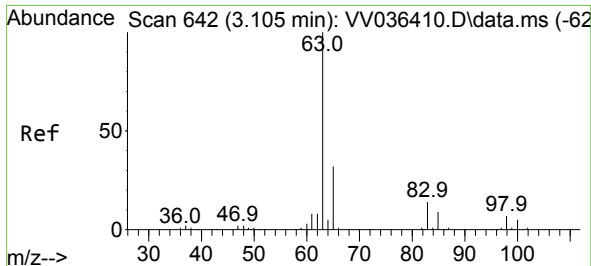
Ion Ratio Lower Upper

73 100

43 18.1 14.7 22.1

57 21.1 17.0 25.6





#19

1,1-Dichloroethane

Concen: 26.716 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

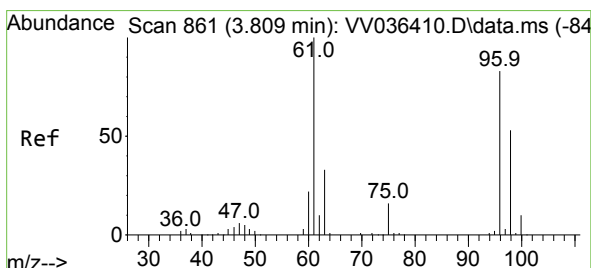
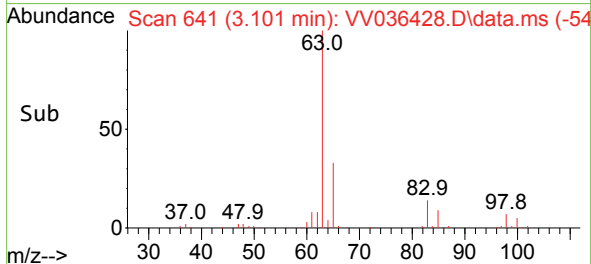
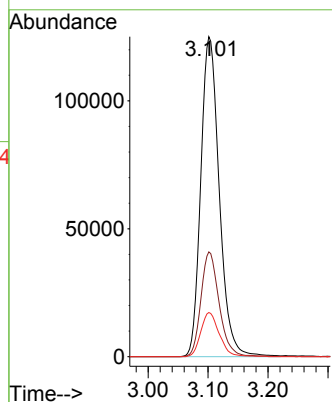
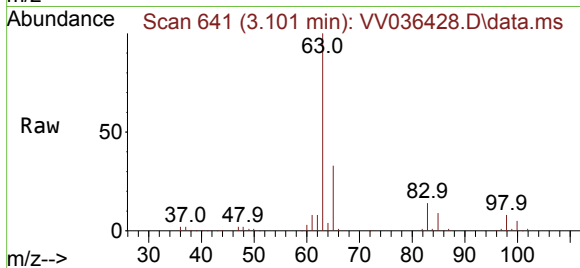
Tgt Ion: 63 Resp: 268803

Ion Ratio Lower Upper

63 100

65 32.7 22.1 41.1

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 26.284 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

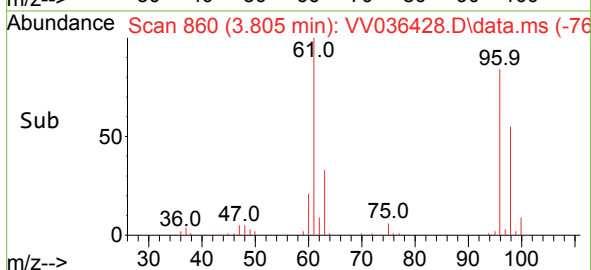
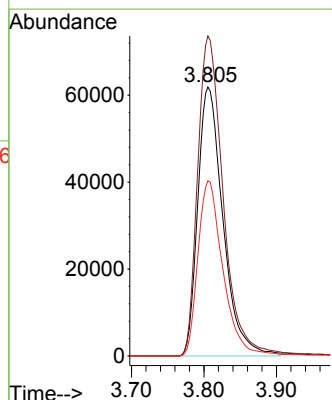
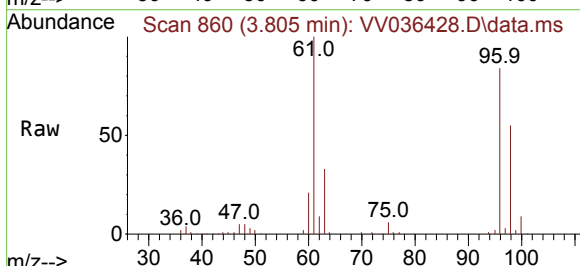
Tgt Ion: 96 Resp: 149598

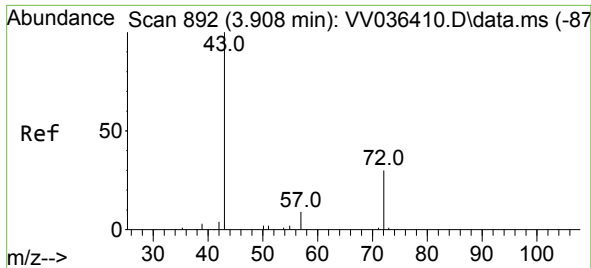
Ion Ratio Lower Upper

96 100

61 119.0 83.7 155.5

98 65.2 44.2 82.0

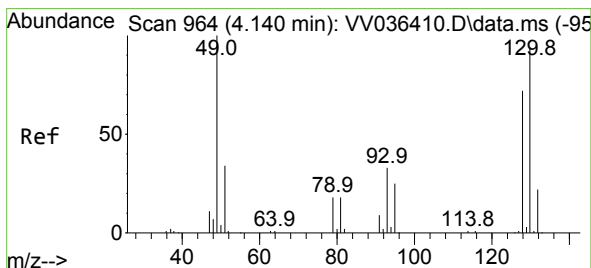
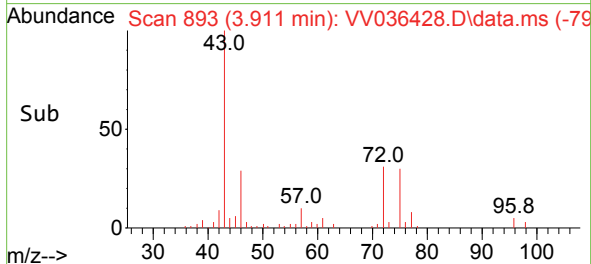
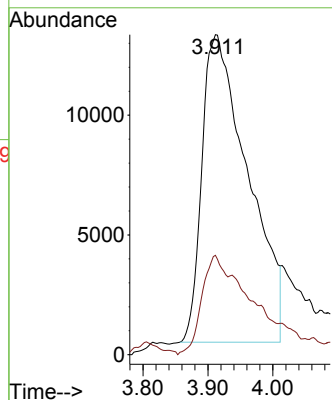
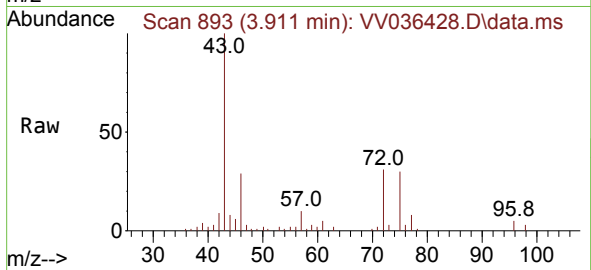




#22
2-Butanone
Concen: 38.964 ug/L
RT: 3.911 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

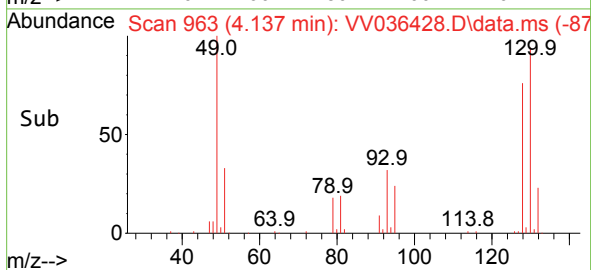
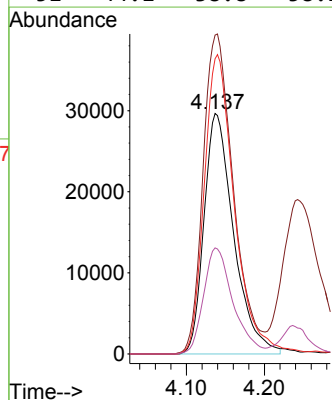
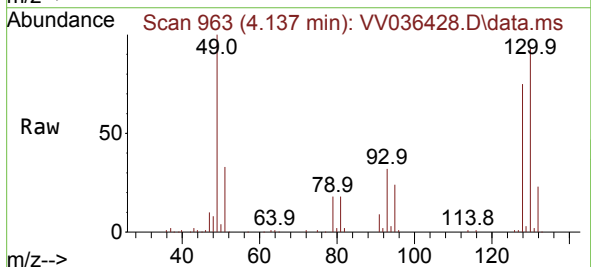
Instrument :
MSVOA_V
ClientSampleId :

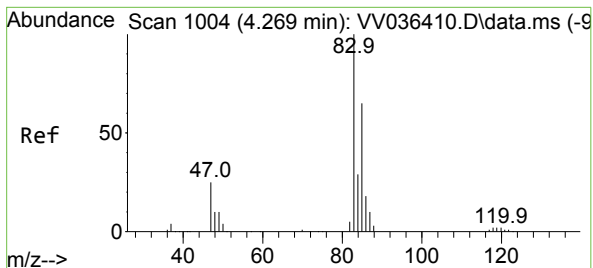
Tgt Ion: 43 Resp: 63305
Ion Ratio Lower Upper
43 100
72 16.6 12.9 38.7



#23
Bromochloromethane
Concen: 26.437 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

Tgt Ion:128 Resp: 78458
Ion Ratio Lower Upper
128 100
49 132.6 99.2 184.2
130 122.8 88.9 165.1
51 44.1 38.8 58.2





#25

Chloroform

Concen: 26.755 ug/L

RT: 4.265 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

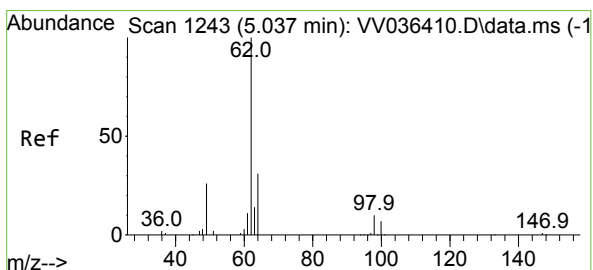
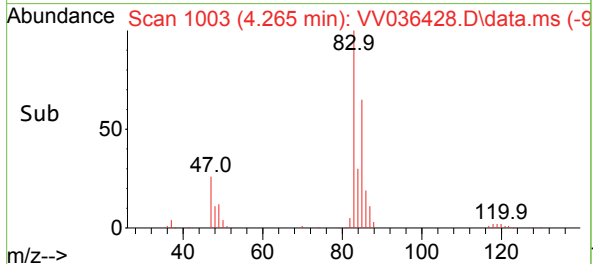
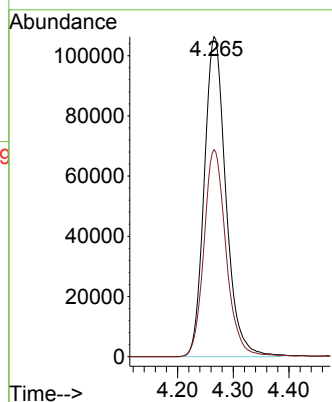
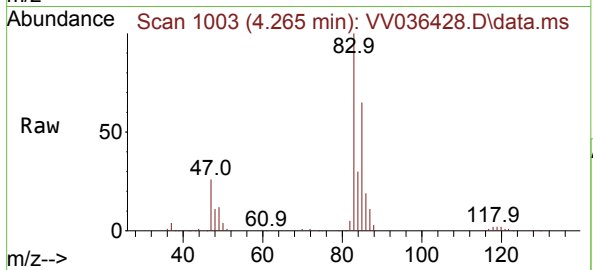
ClientSampleId :

Tgt Ion: 83 Resp: 287118

Ion Ratio Lower Upper

83 100

85 64.7 45.0 83.6



#27

1,2-Dichloroethane

Concen: 26.258 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV036428.D

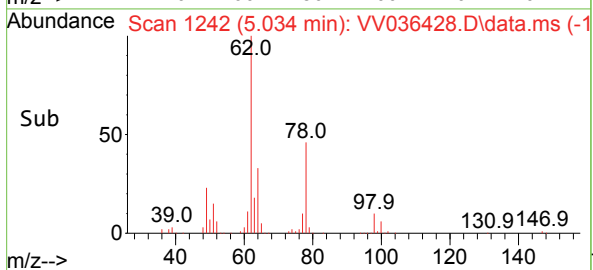
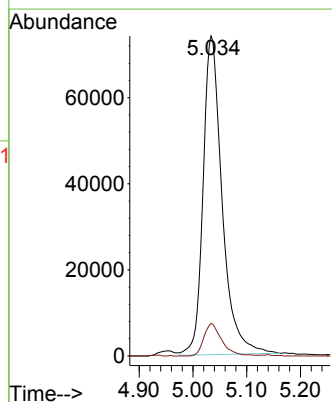
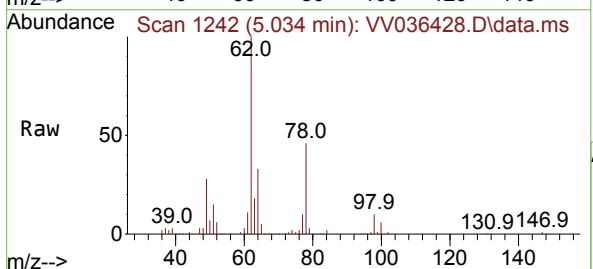
Acq: 03 Jul 2024 08:40

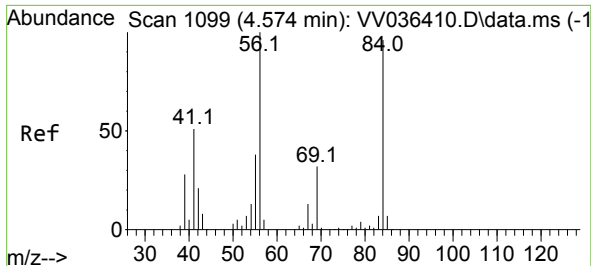
Tgt Ion: 62 Resp: 182461

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8





#29

Cyclohexane

Concen: 26.389 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

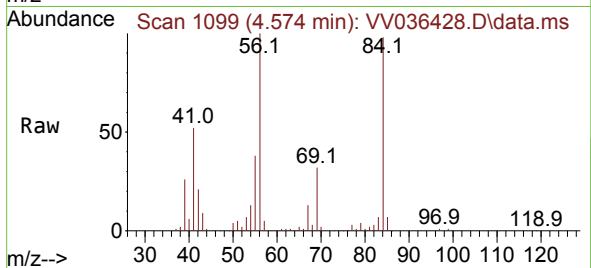
Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :



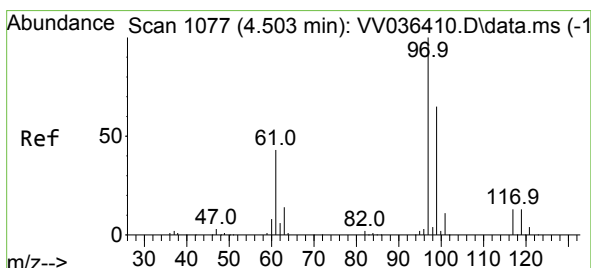
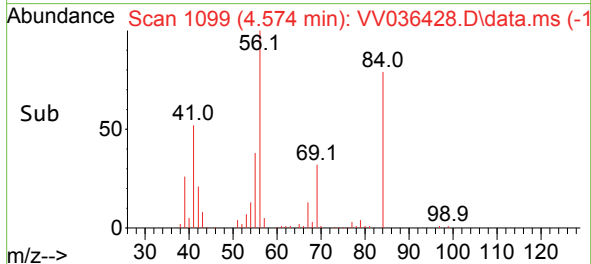
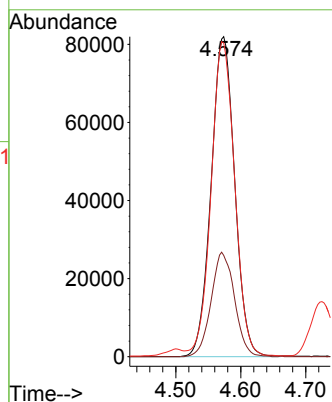
Tgt Ion: 56 Resp: 206476

Ion Ratio Lower Upper

56 100

69 32.4 26.0 39.0

84 97.2 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 27.391 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

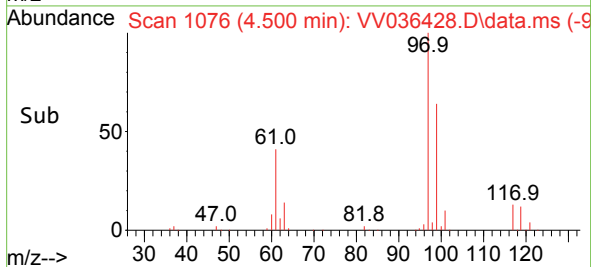
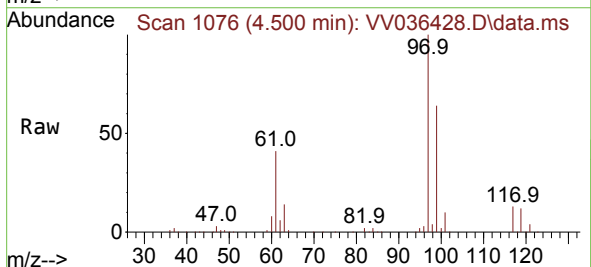
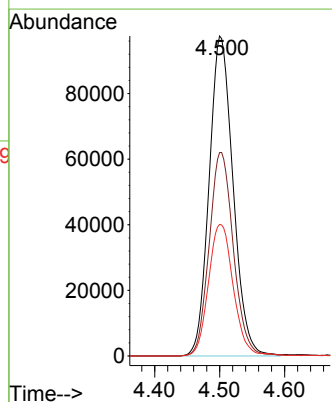
Tgt Ion: 97 Resp: 249430

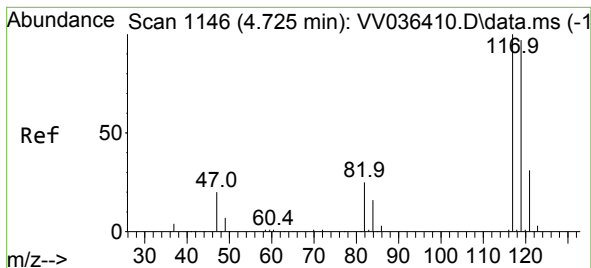
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 42.5 34.8 52.2





#31

Carbon tetrachloride

Concen: 27.054 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

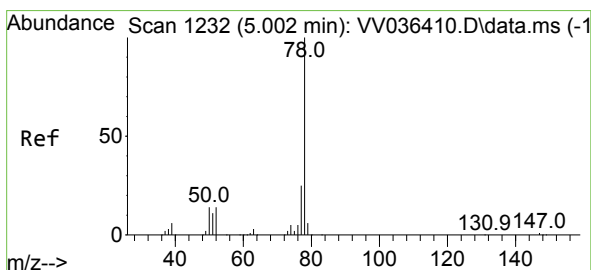
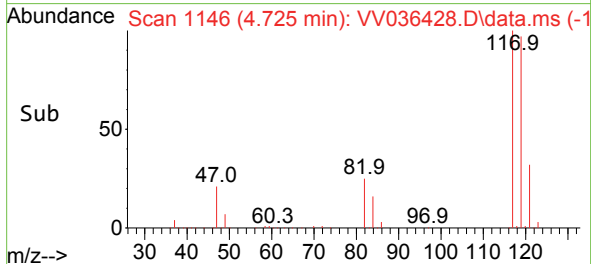
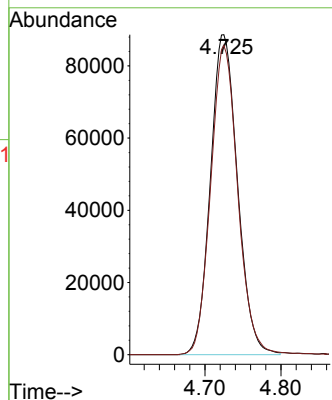
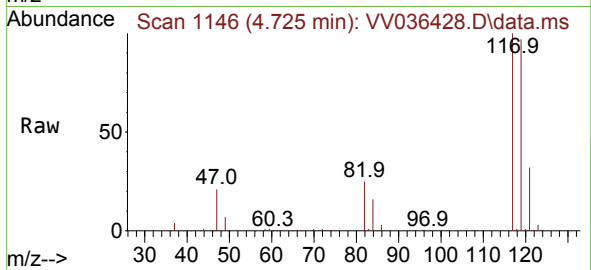
ClientSampleId :

Tgt Ion:117 Resp: 219511

Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8



#33

Benzene

Concen: 27.100 ug/L

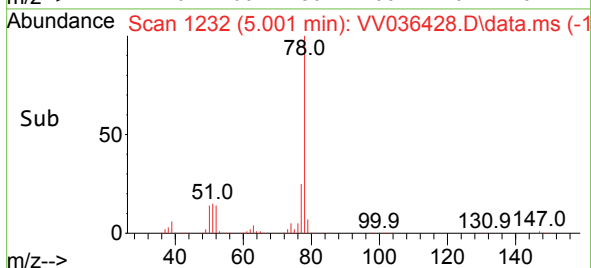
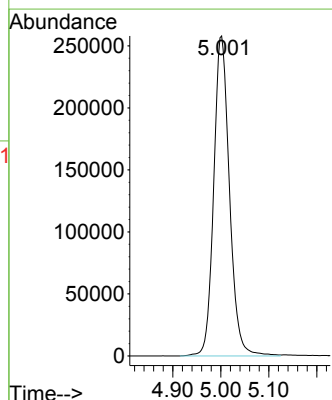
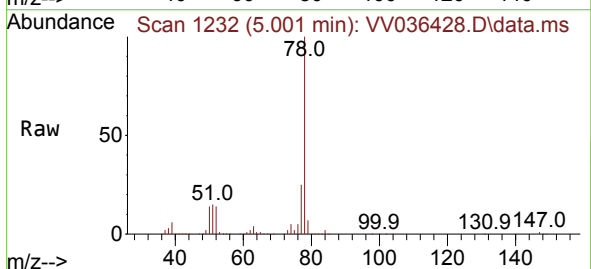
RT: 5.001 min Scan# 1232

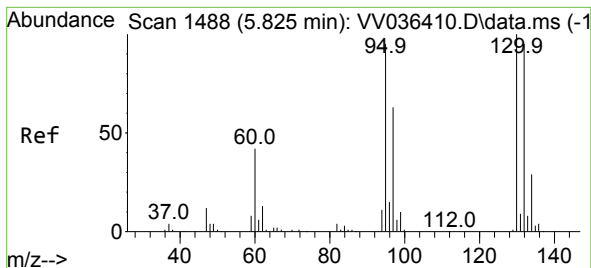
Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Tgt Ion: 78 Resp: 589486





#34

Trichloroethene

Concen: 26.388 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 181136

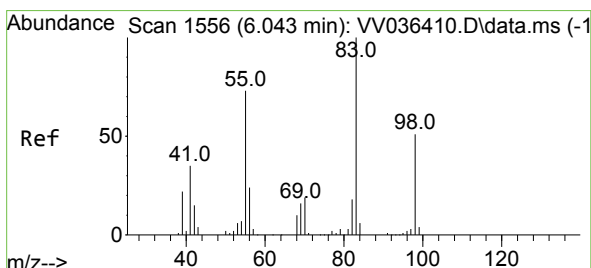
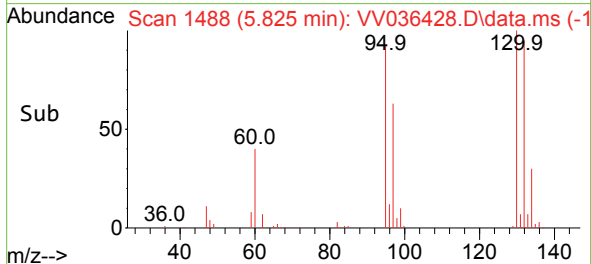
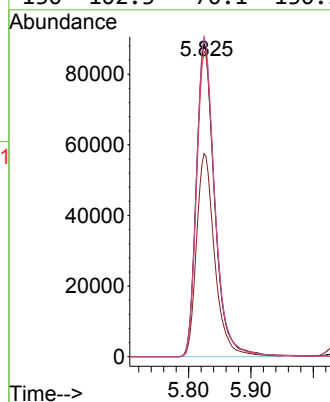
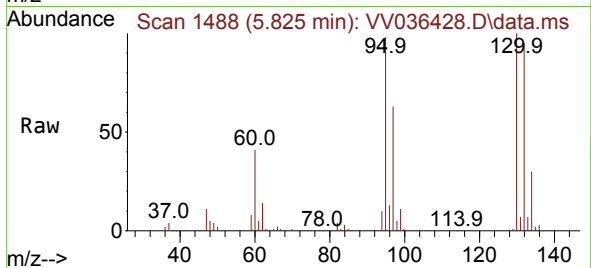
Ion Ratio Lower Upper

95 100

97 64.9 45.1 83.7

132 97.5 67.7 125.7

130 102.3 70.1 130.1



#35

Methylcyclohexane

Concen: 27.402 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

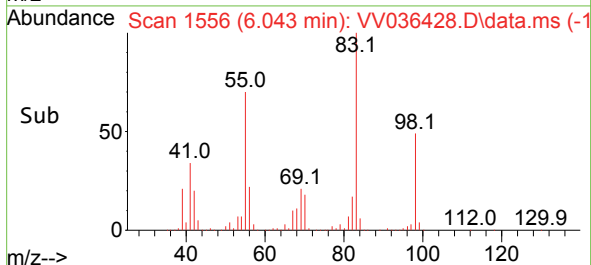
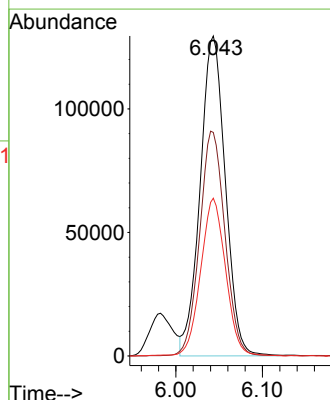
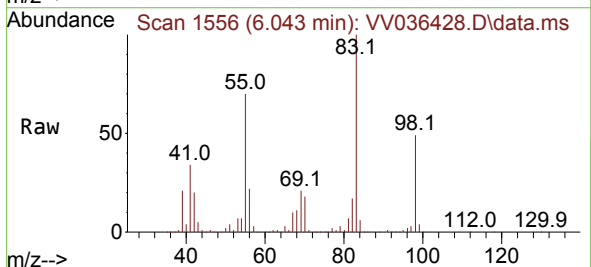
Tgt Ion: 83 Resp: 262131

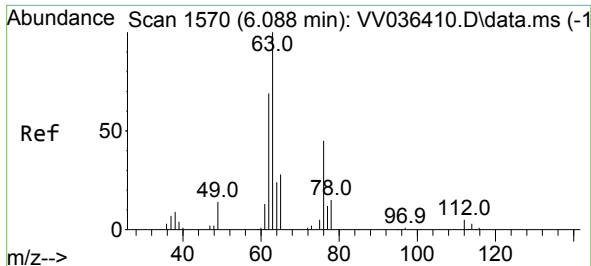
Ion Ratio Lower Upper

83 100

55 70.4 56.0 84.0

98 48.7 39.0 58.6





#37

1,2-Dichloropropane

Concen: 25.907 ug/L

RT: 6.085 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

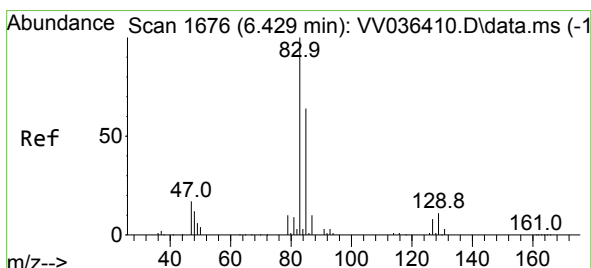
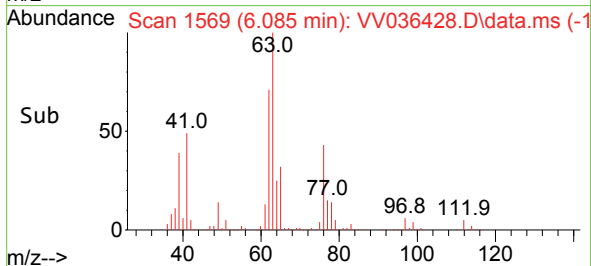
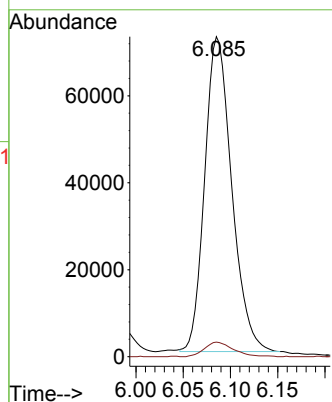
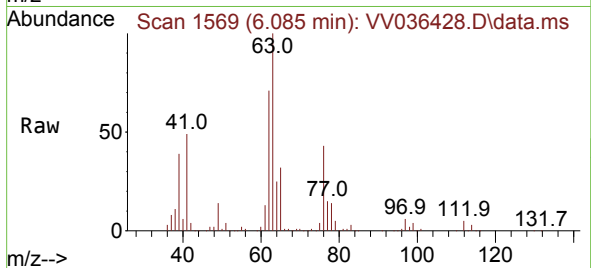
ClientSampleId :

Tgt Ion: 63 Resp: 143923

Ion Ratio Lower Upper

63 100

112 5.0 3.4 5.2



#38

Bromodichloromethane

Concen: 26.605 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

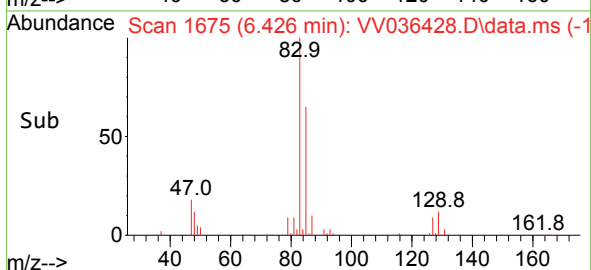
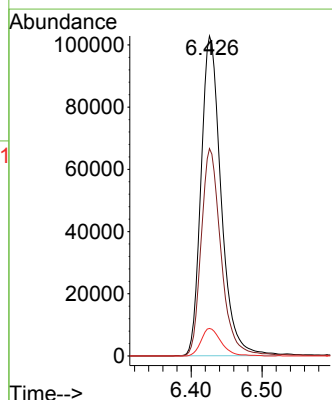
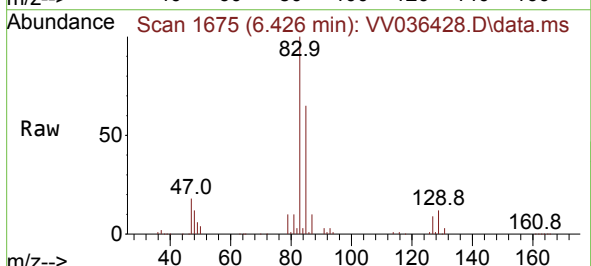
Tgt Ion: 83 Resp: 202149

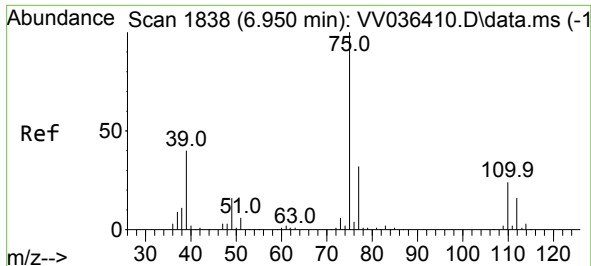
Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.5

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 26.322 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

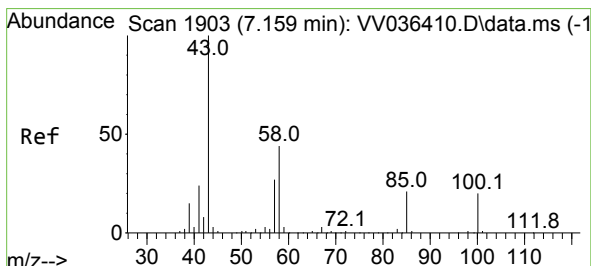
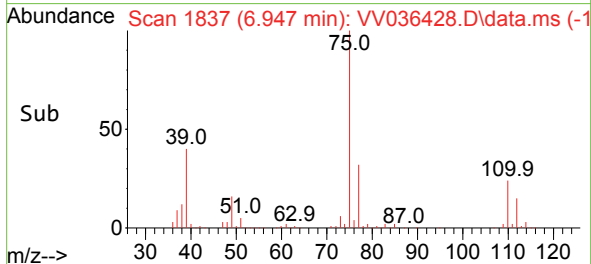
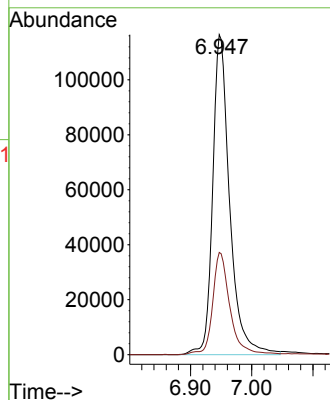
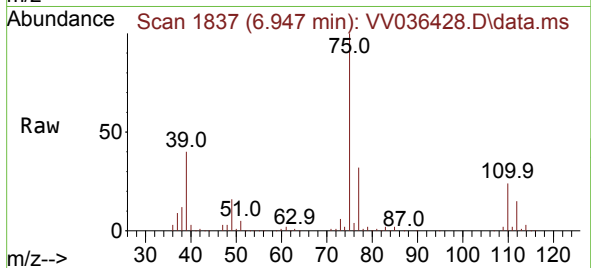
ClientSampleId :

Tgt Ion: 75 Resp: 224864

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 46.534 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

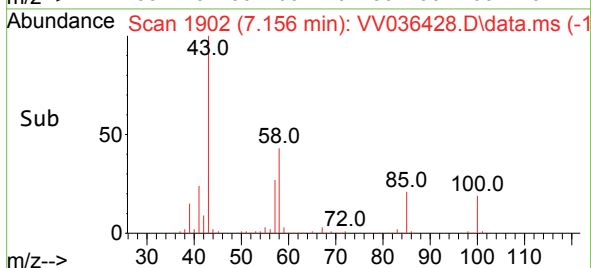
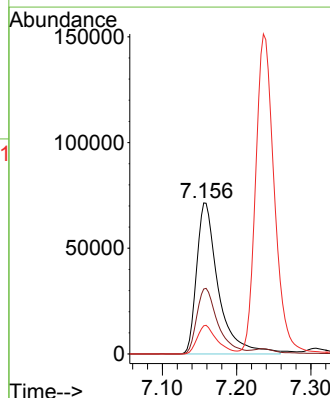
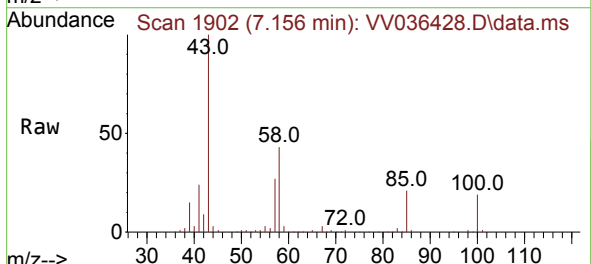
Tgt Ion: 43 Resp: 145798

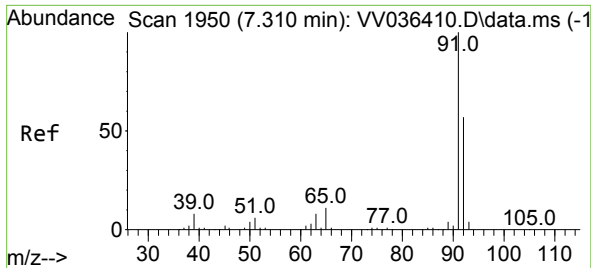
Ion Ratio Lower Upper

43 100

58 42.1 34.8 52.2

100 17.3 14.6 21.8

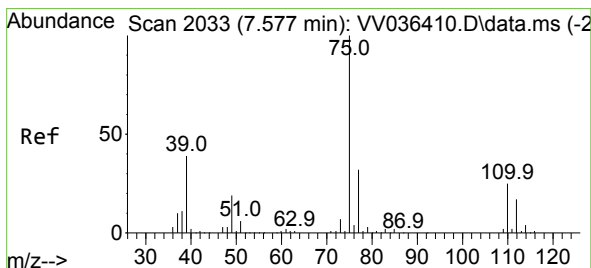
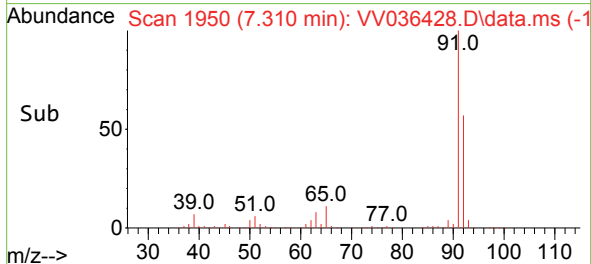
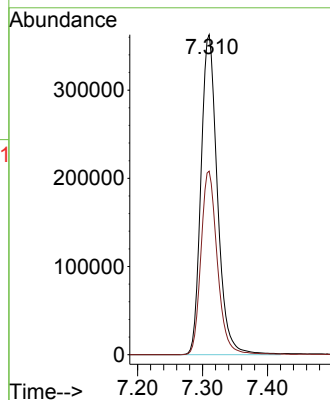
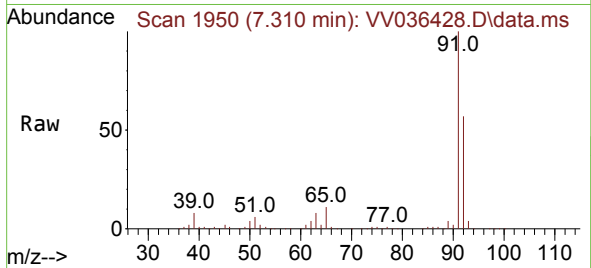




#42
Toluene
Concen: 28.092 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

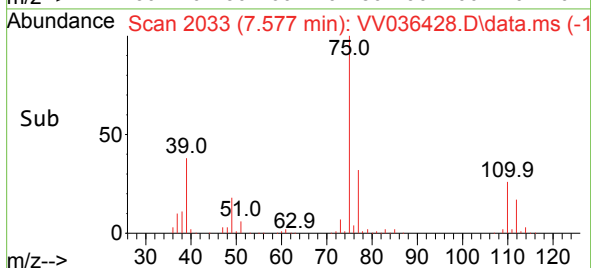
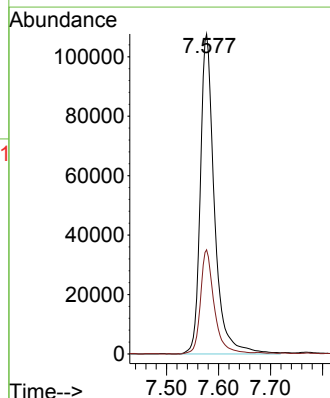
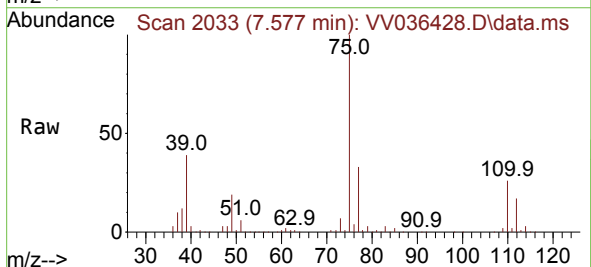
Instrument :
MSVOA_V
ClientSampleId :

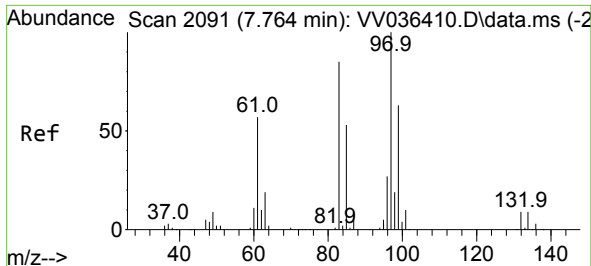
Tgt Ion: 91 Resp: 638937
Ion Ratio Lower Upper
91 100
92 57.3 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 26.387 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

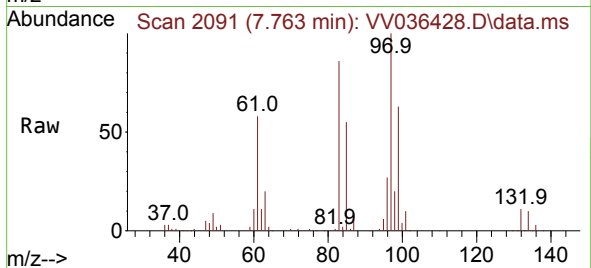
Tgt Ion: 75 Resp: 202748
Ion Ratio Lower Upper
75 100
77 32.5 22.5 41.9



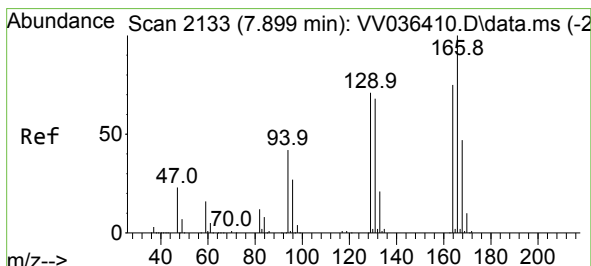
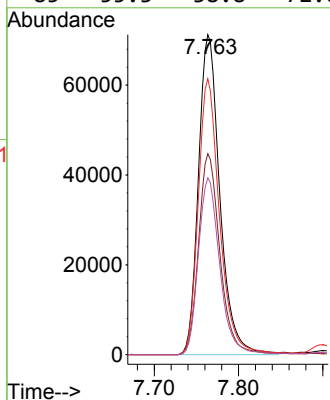
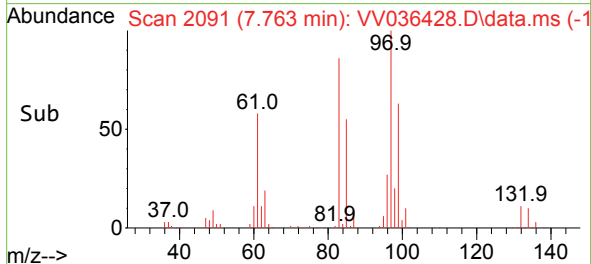


#45
1,1,2-Trichloroethane
Concen: 25.735 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

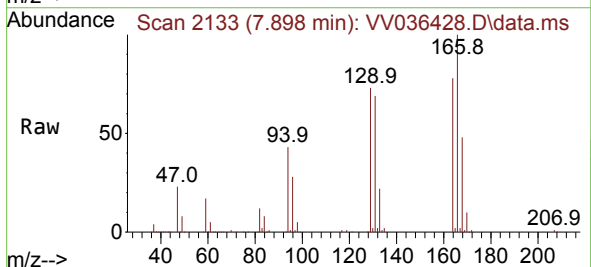
Instrument :
MSVOA_V
ClientSampleId :



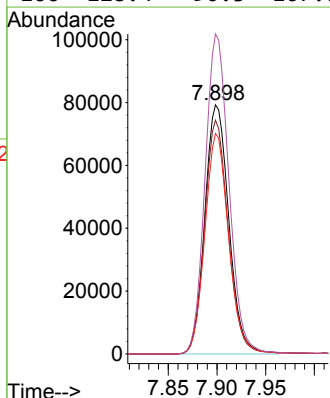
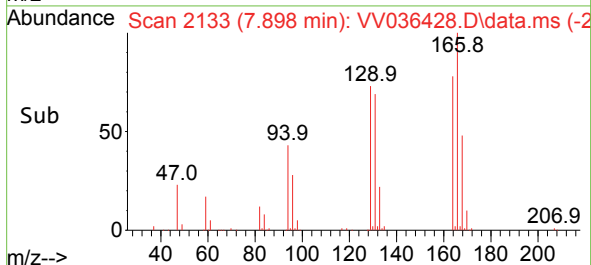
Tgt Ion:	97	Resp:	126369
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.8	81.3
83	86.3	60.6	112.6
85	55.3	38.8	72.0

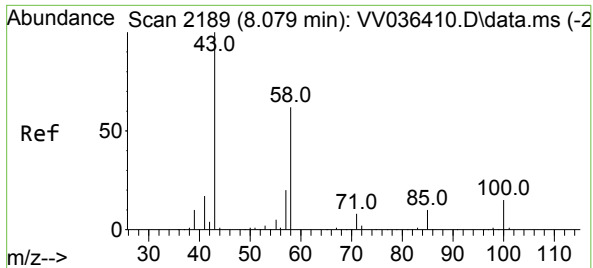


#46
Tetrachloroethene
Concen: 27.265 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40



Tgt Ion:	164	Resp:	136014
Ion	Ratio	Lower	Upper
164	100		
129	93.8	65.9	122.5
131	88.5	63.3	117.7
166	128.4	90.3	167.7



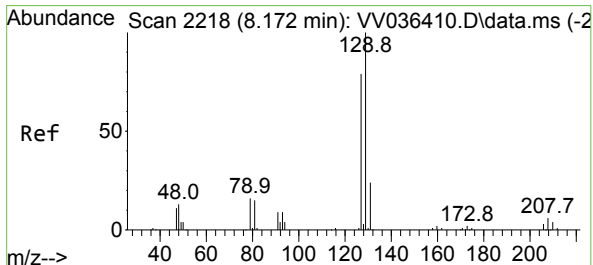
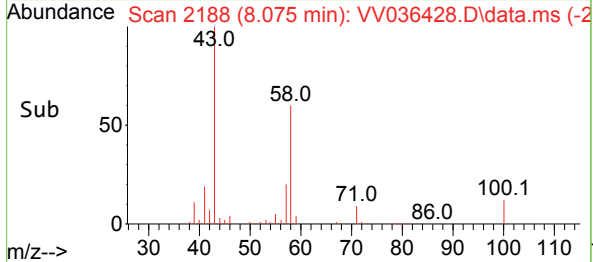
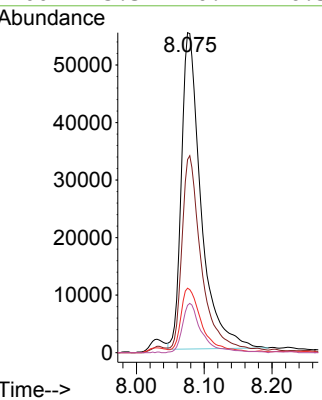
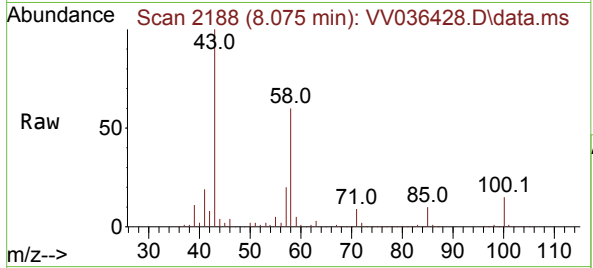


#48
2-Hexanone
Concen: 44.931 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 110731

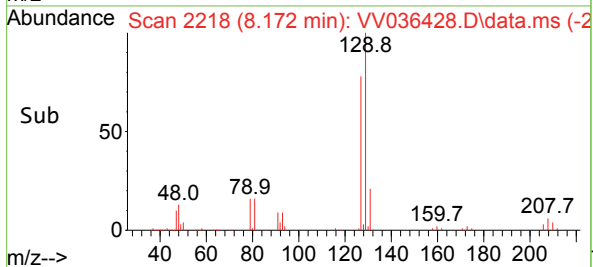
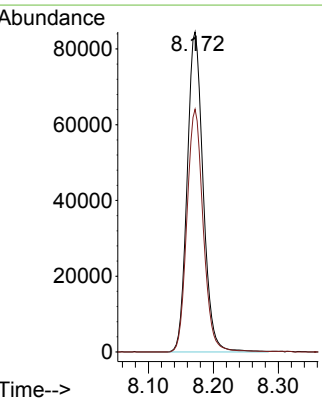
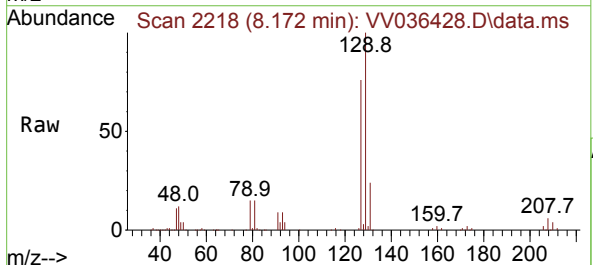
Ion	Ratio	Lower	Upper
43	100		
58	59.9	48.5	72.7
57	21.3	15.8	23.6
100	15.3	10.9	16.3

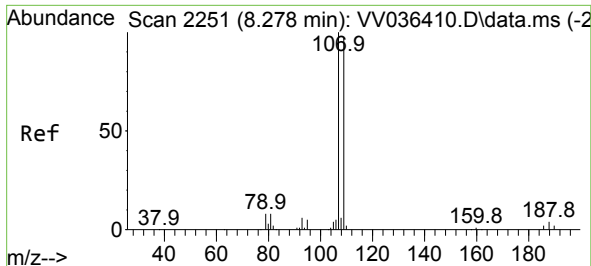


#49
Dibromochloromethane
Concen: 26.451 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

Tgt Ion: 129 Resp: 144791

Ion	Ratio	Lower	Upper
129	100		
127	75.9	54.9	101.9





#50

1,2-Dibromoethane

Concen: 25.757 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

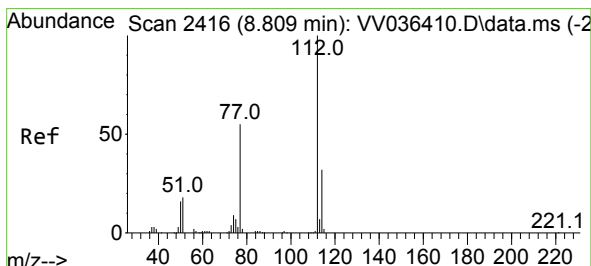
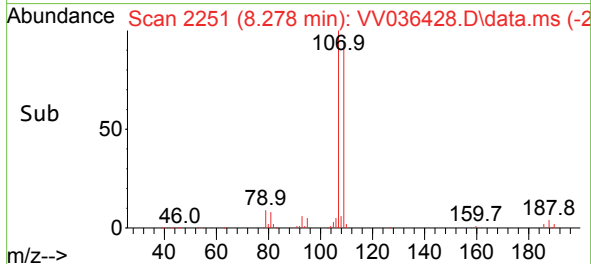
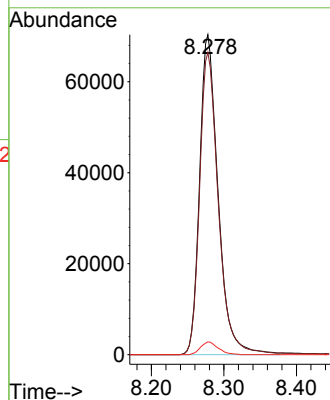
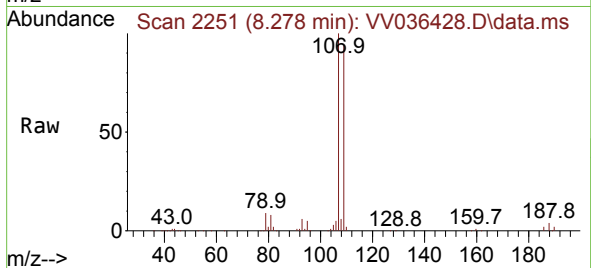
Tgt Ion:107 Resp: 124597

Ion Ratio Lower Upper

107 100

109 94.5 64.7 120.1

188 4.0 3.0 4.6



#51

Chlorobenzene

Concen: 26.434 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

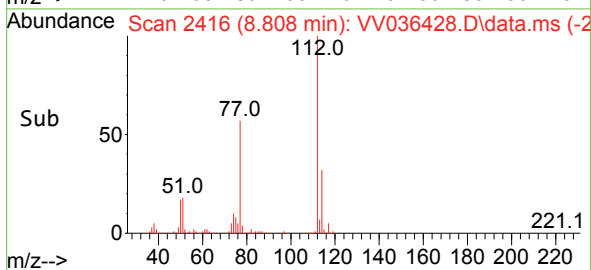
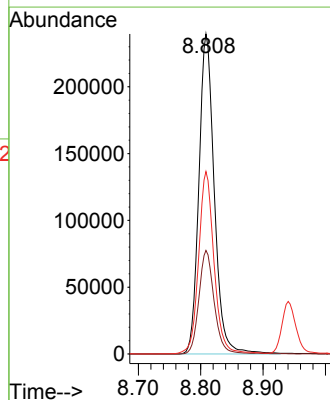
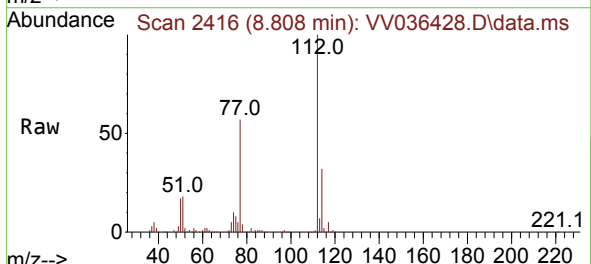
Tgt Ion:112 Resp: 410989

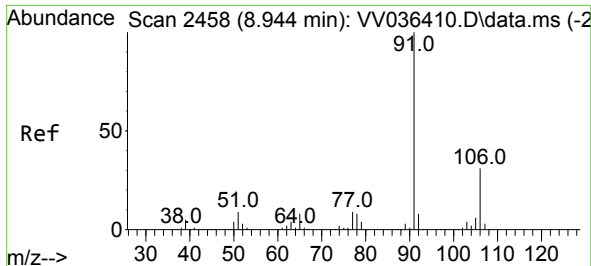
Ion Ratio Lower Upper

112 100

114 32.4 22.8 42.4

77 57.0 46.2 69.2

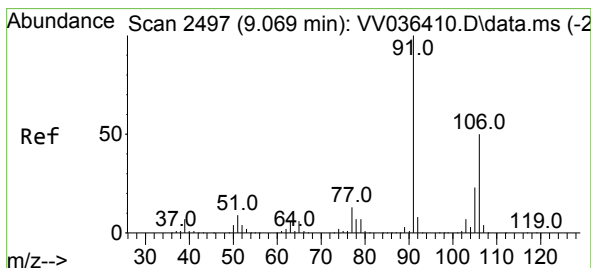
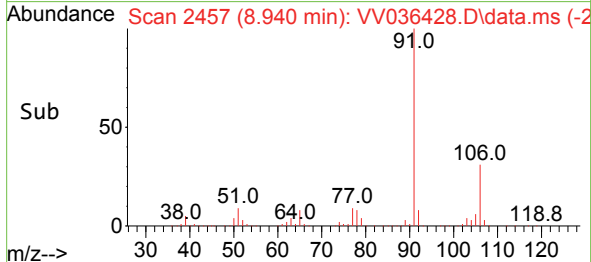
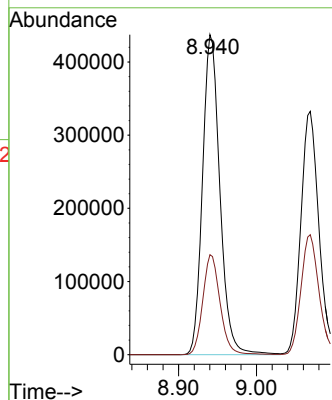
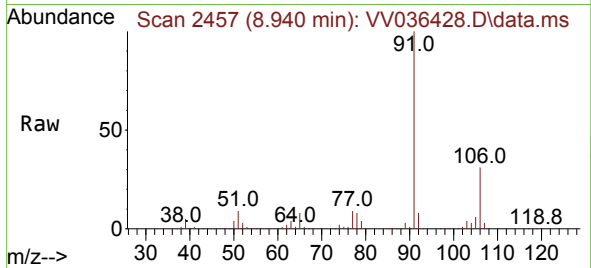




#52
Ethylbenzene
Concen: 27.591 ug/L
RT: 8.940 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

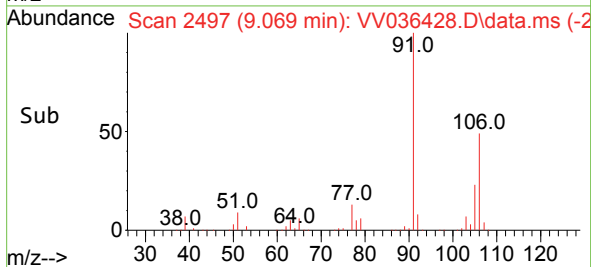
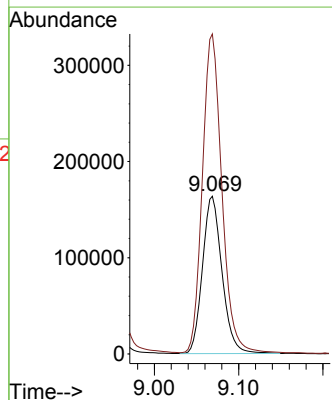
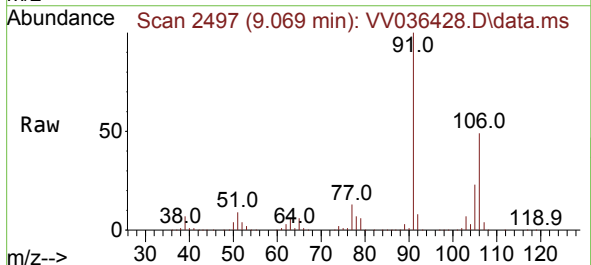
Instrument :
MSVOA_V
ClientSampleId :

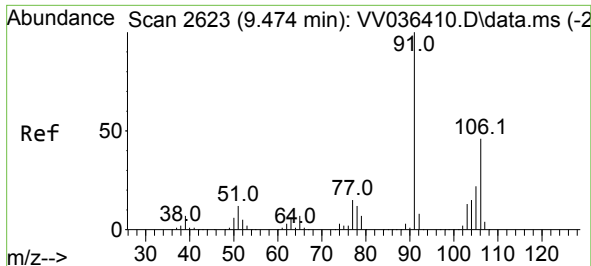
Tgt Ion: 91 Resp: 677234
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 28.910 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

Tgt Ion: 106 Resp: 264469
Ion Ratio Lower Upper
106 100
91 202.8 142.2 264.0

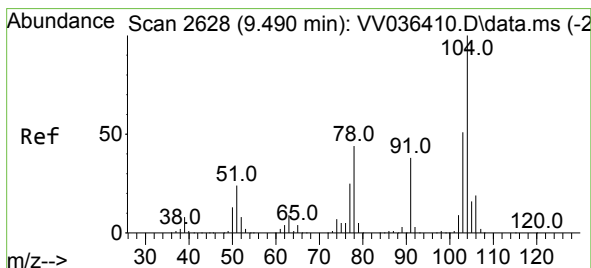
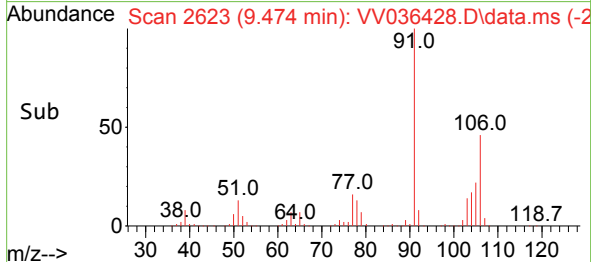
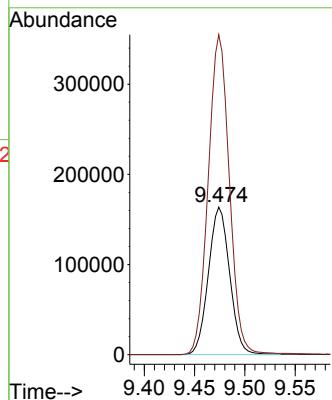
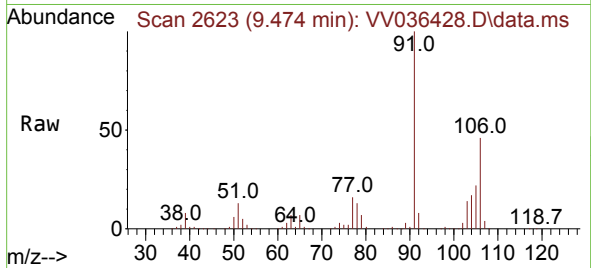




#54
o-Xylene
Concen: 28.068 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

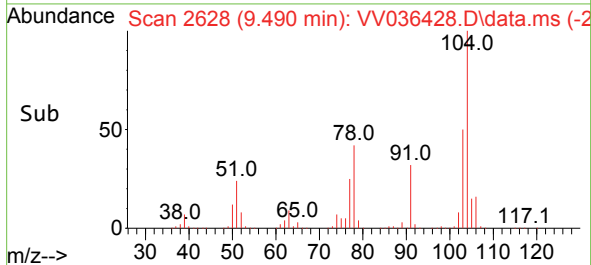
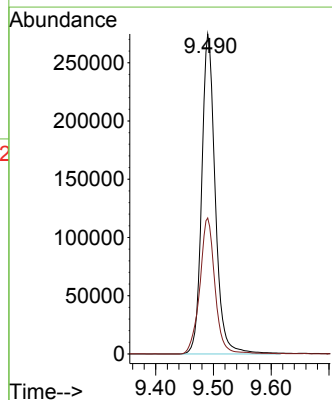
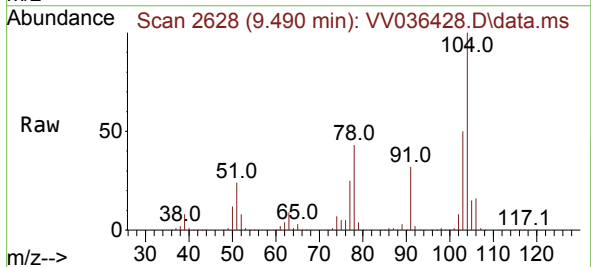
Instrument :
MSVOA_V
ClientSampleId :

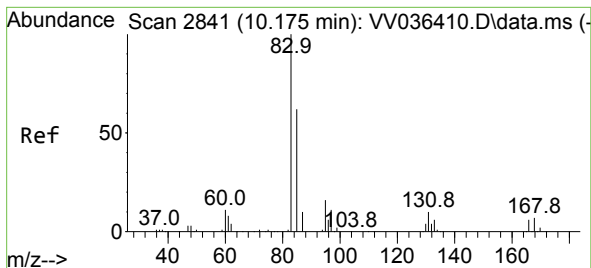
Tgt Ion:106 Resp: 241460
Ion Ratio Lower Upper
106 100
91 217.0 152.7 283.7



#55
Styrene
Concen: 29.644 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

Tgt Ion:104 Resp: 446941
Ion Ratio Lower Upper
104 100
78 42.5 30.2 56.2

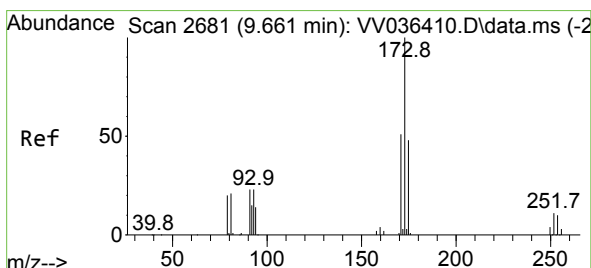
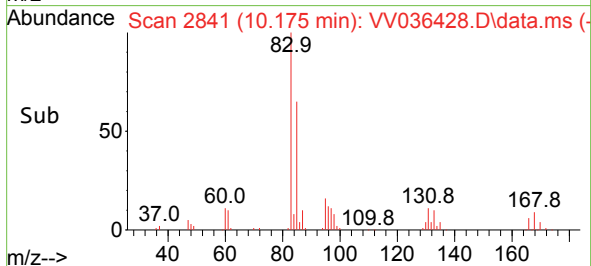
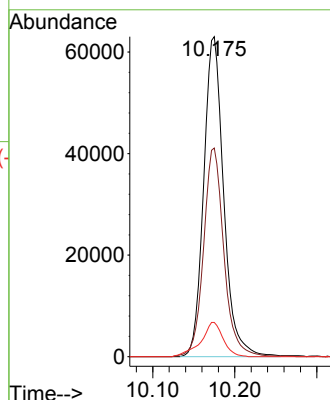
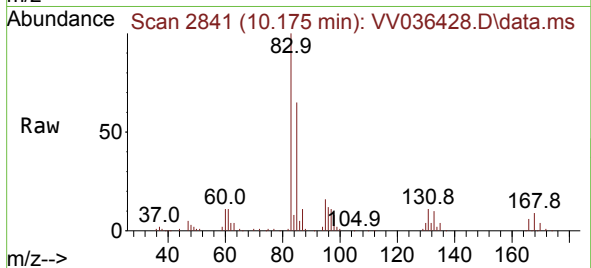




#57
 1,1,2,2-Tetrachloroethane
 Concen: 24.291 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: VV036428.D
 Acq: 03 Jul 2024 08:40

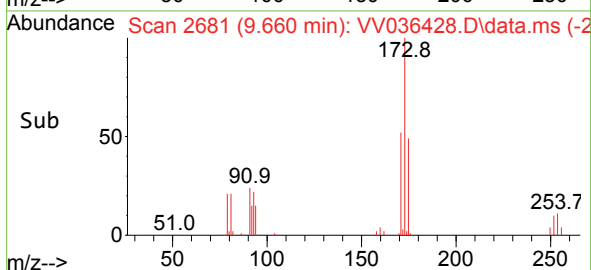
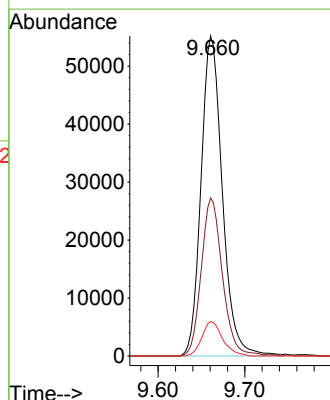
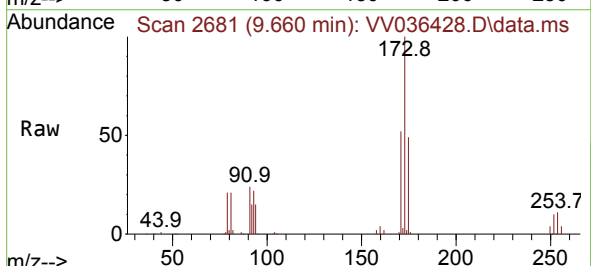
Instrument :
 MSVOA_V
 ClientSampleId :

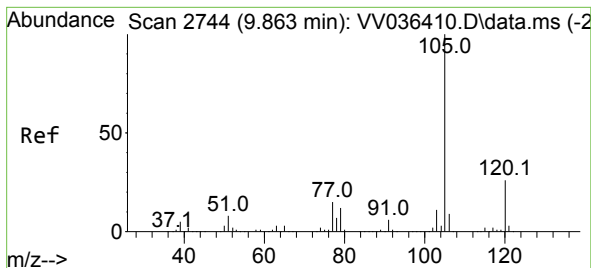
Tgt Ion: 83 Resp: 106753
 Ion Ratio Lower Upper
 83 100
 85 65.2 45.7 84.9
 131 10.7 7.8 11.6



#59
 Bromoform
 Concen: 24.871 ug/L
 RT: 9.660 min Scan# 2681
 Delta R.T. -0.000 min
 Lab File: VV036428.D
 Acq: 03 Jul 2024 08:40

Tgt Ion: 173 Resp: 94274
 Ion Ratio Lower Upper
 173 100
 175 48.9 38.9 58.3
 254 10.5 7.2 10.8





#60

Isopropylbenzene

Concen: 28.135 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

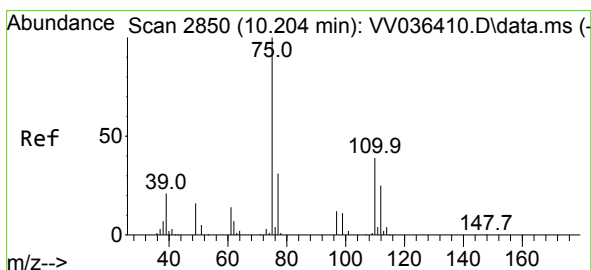
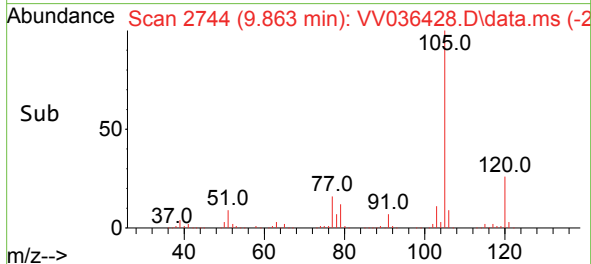
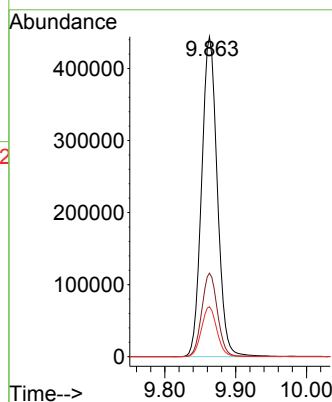
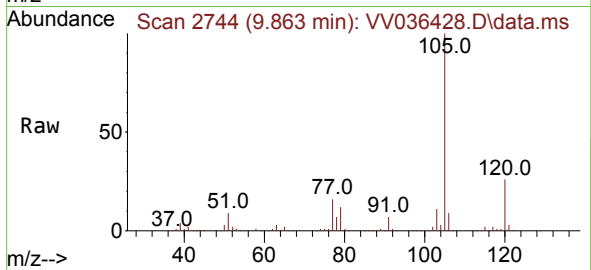
Tgt Ion:105 Resp: 681044

Ion Ratio Lower Upper

105 100

120 26.2 21.2 31.8

77 15.4 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 23.868 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

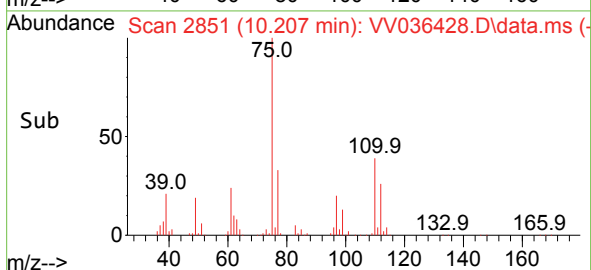
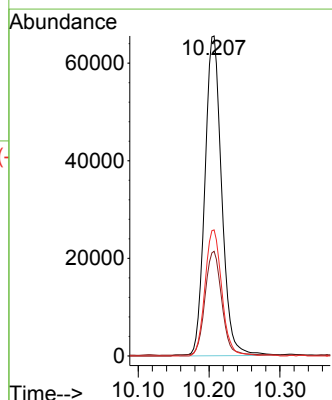
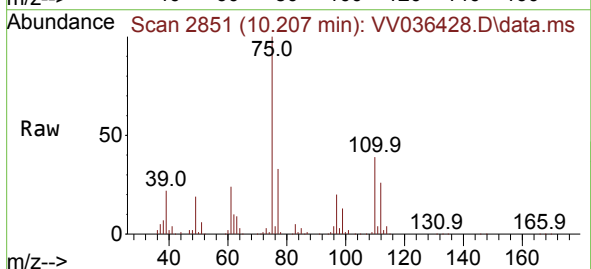
Tgt Ion: 75 Resp: 107859

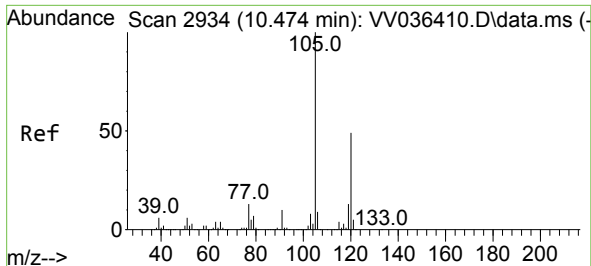
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

110 39.4 31.7 47.5

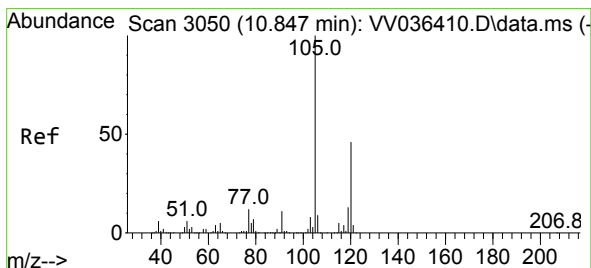
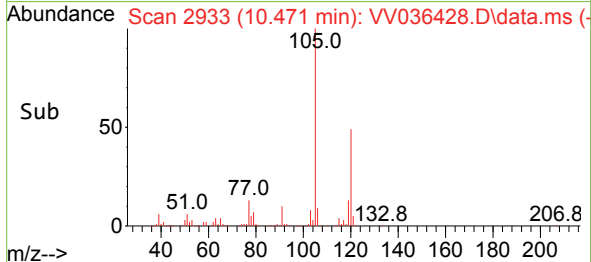
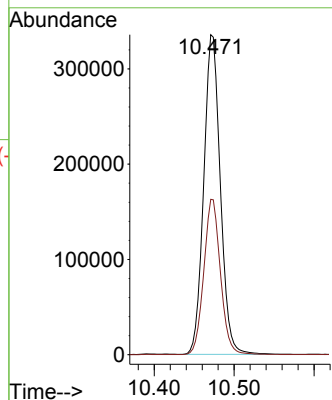
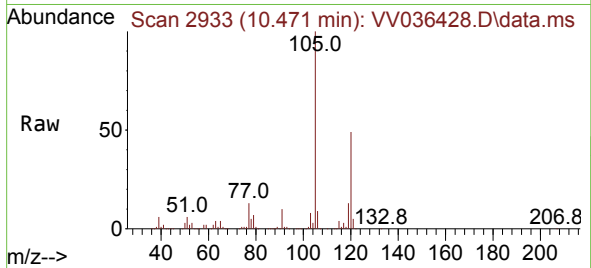




#62
 1,3,5-Trimethylbenzene
 Concen: 28.037 ug/L
 RT: 10.471 min Scan# 2934
 Delta R.T. -0.003 min
 Lab File: VV036428.D
 Acq: 03 Jul 2024 08:40

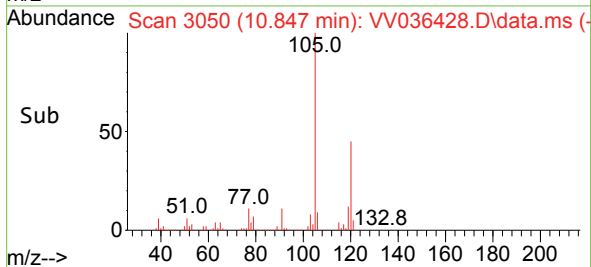
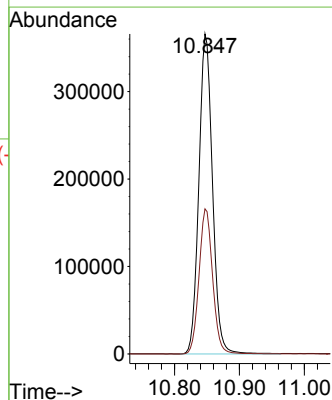
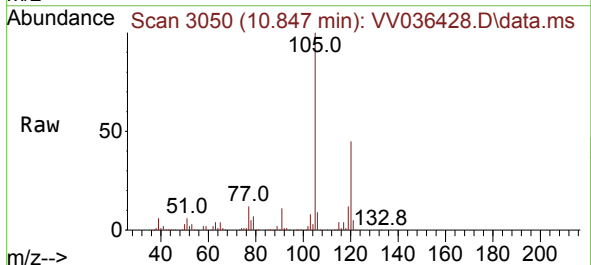
Instrument :
 MSVOA_V
 ClientSampleId :

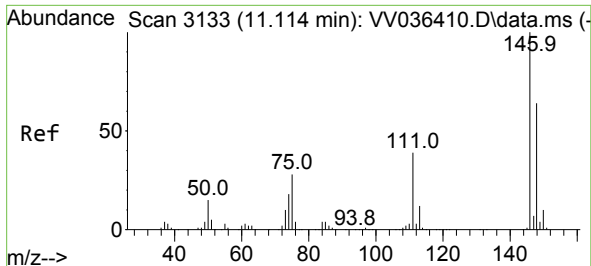
Tgt Ion:105 Resp: 485688
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 28.440 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. -0.000 min
 Lab File: VV036428.D
 Acq: 03 Jul 2024 08:40

Tgt Ion:105 Resp: 535382
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.2 54.4

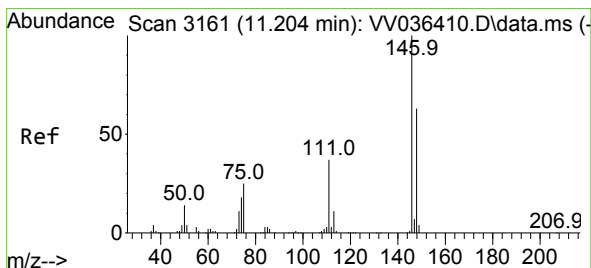
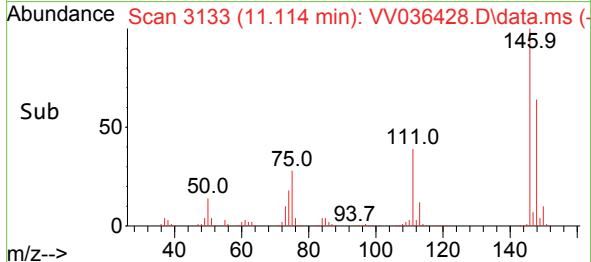
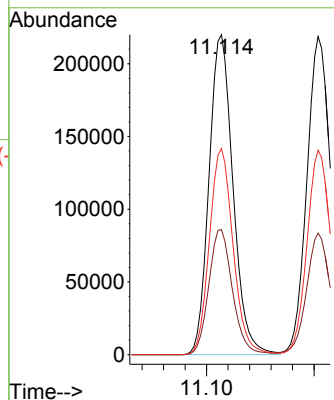
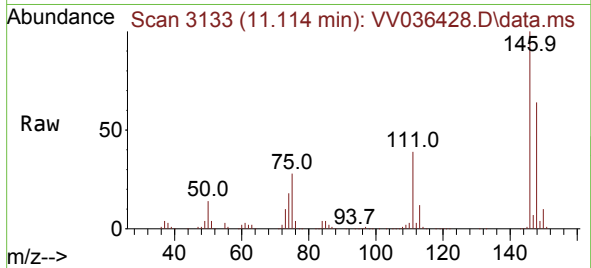




#64
1,3-Dichlorobenzene
Concen: 27.023 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

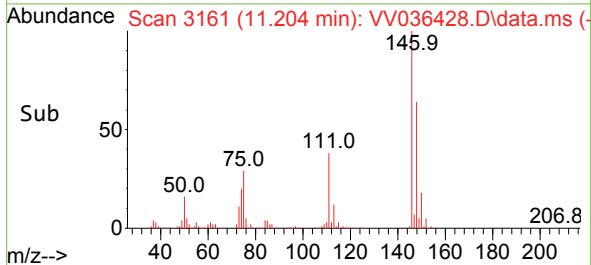
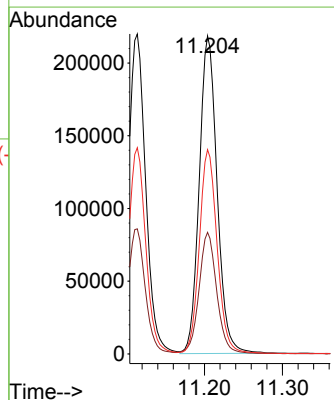
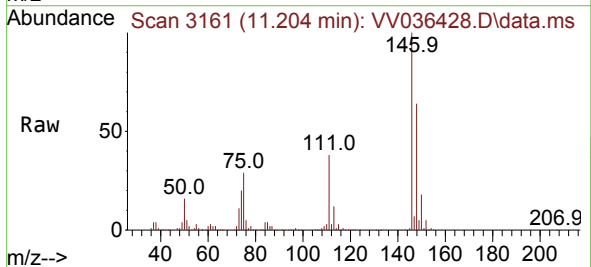
Instrument :
MSVOA_V
ClientSampleId :

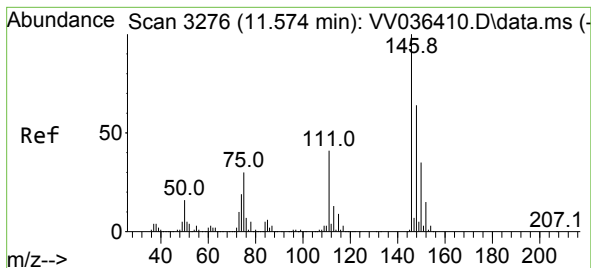
Tgt Ion:146 Resp: 340847
Ion Ratio Lower Upper
146 100
111 39.1 27.5 51.1
148 64.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 25.713 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036428.D
Acq: 03 Jul 2024 08:40

Tgt Ion:146 Resp: 347649
Ion Ratio Lower Upper
146 100
111 38.2 27.5 51.1
148 64.2 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 26.065 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

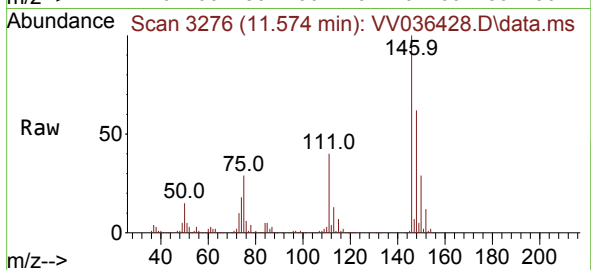
Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :



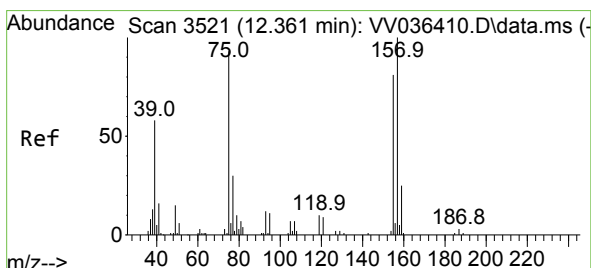
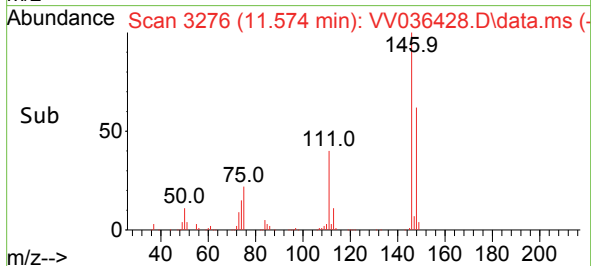
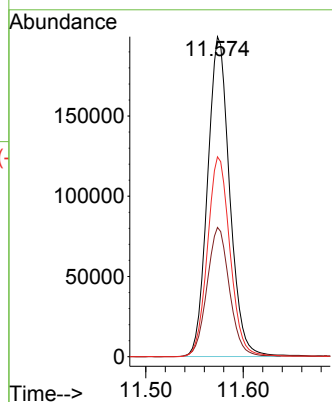
Tgt Ion:146 Resp: 313862

Ion Ratio Lower Upper

146 100

111 40.4 33.3 49.9

148 62.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 22.892 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

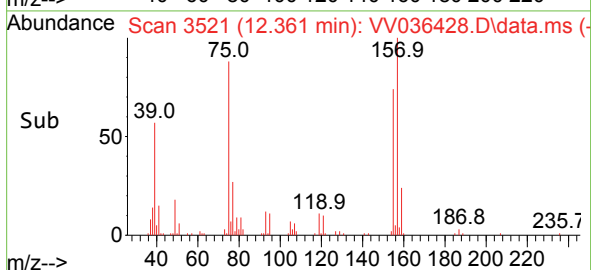
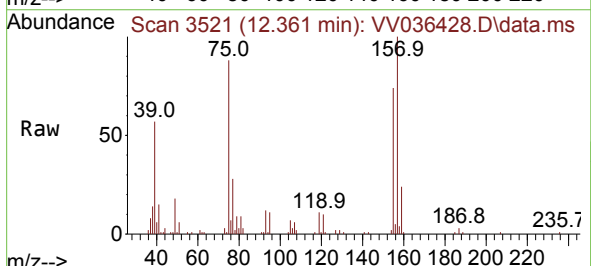
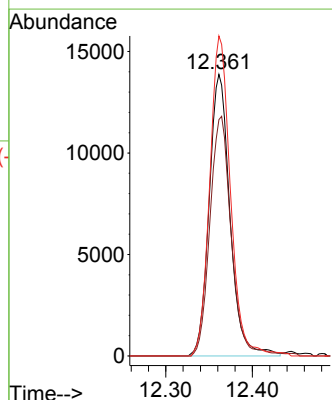
Tgt Ion: 75 Resp: 23209

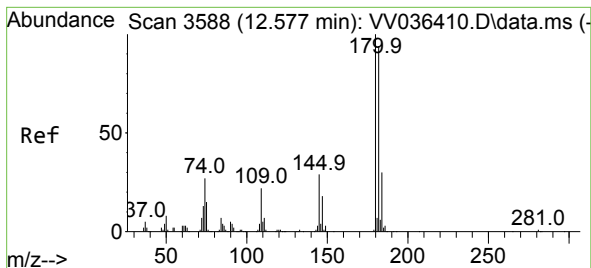
Ion Ratio Lower Upper

75 100

155 83.9 68.3 102.5

157 113.6 95.7 143.5





#69

1,3,5-Trichlorobenzene

Concen: 26.100 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

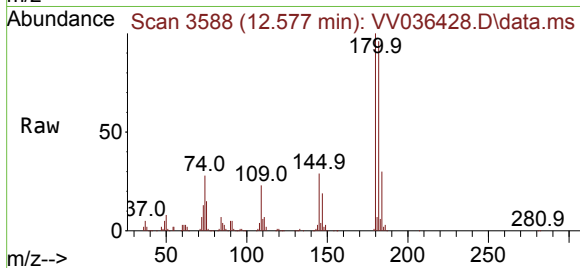
Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 247889

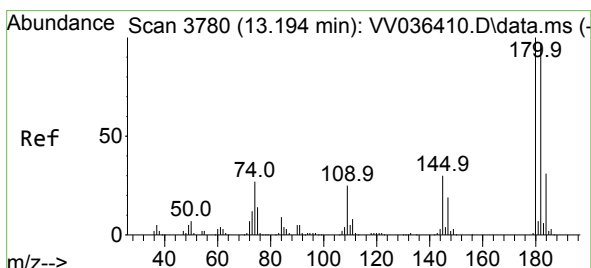
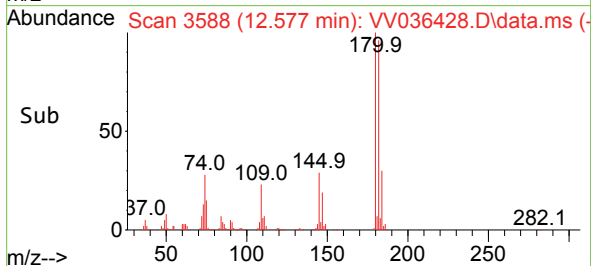
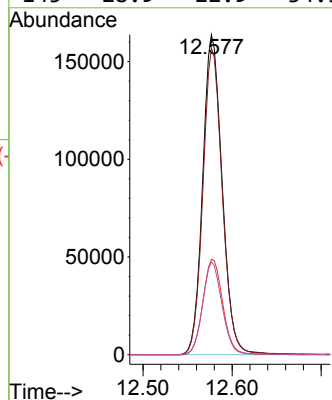
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

184 30.4 23.3 34.9

145 28.9 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 26.112 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

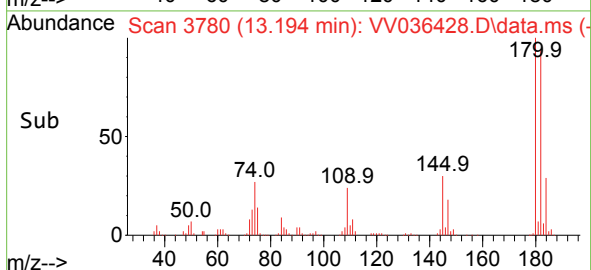
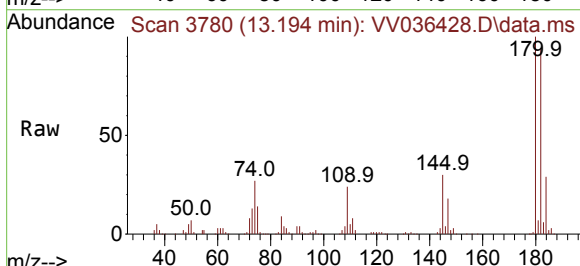
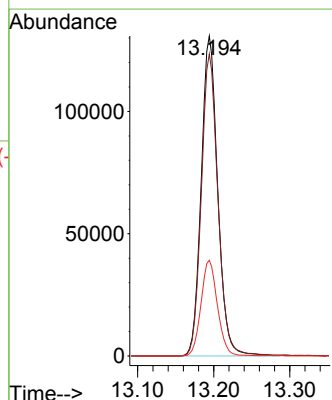
Tgt Ion:180 Resp: 197769

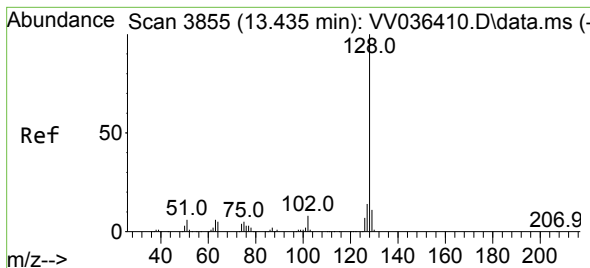
Ion Ratio Lower Upper

180 100

182 94.6 76.1 114.1

145 29.7 23.8 35.8





#71

Naphthalene

Concen: 23.131 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Instrument :

MSVOA_V

ClientSampleId :

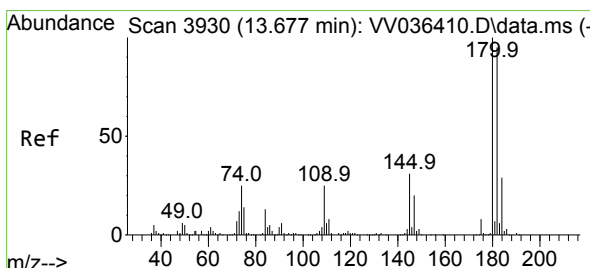
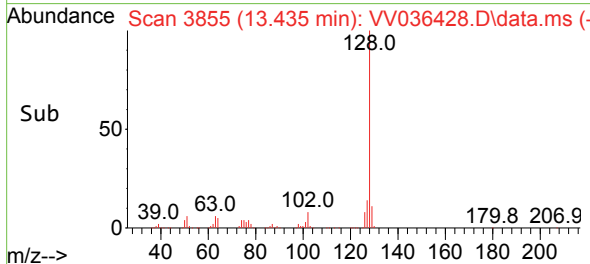
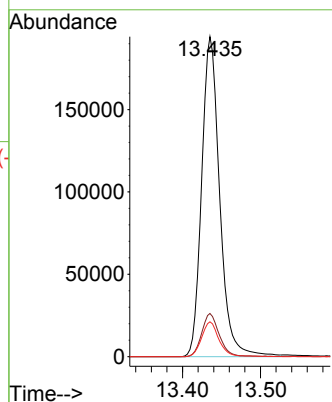
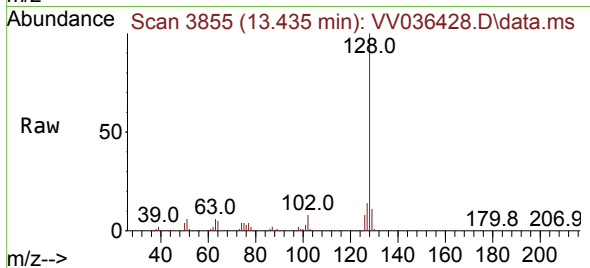
Tgt Ion:128 Resp: 312363

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.5 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 26.716 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036428.D

Acq: 03 Jul 2024 08:40

Tgt Ion:180 Resp: 190273

Ion Ratio Lower Upper

180 100

182 93.8 76.7 115.1

145 30.7 25.0 37.4

