

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101923\
 Data File : VW032485.D
 Acq On : 19 Oct 2023 09:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 06:15:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	108833	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	115799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40672	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.532	69	34781	4.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.059	65	16185	4.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.809	46	102082	45.591	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.180%
24) Chloroform-d	4.256	84	72756	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.947	65	35647	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.963	84	139988	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	5.992	67	42891	3.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.246	98	132243	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.558	79	16417	4.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.030	63	88475	47.005	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37209	4.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	45965	4.015	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	61422	5.065	ug/L	100
3) Chloromethane	1.217	50	61280	5.012	ug/L	99
5) Vinyl chloride	1.281	62	61052	5.236	ug/L	99
6) Bromomethane	1.487	94	29057	4.125	ug/L	93
8) Chloroethane	1.551	64	37797	5.384	ug/L	99
9) Trichlorofluoromethane	1.715	101	78035	5.580	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	47632	5.621	ug/L	98
12) 1,1-Dichloroethene	2.072	96	42256	5.294	ug/L	86
13) Acetone	2.140	43	105180	60.947	ug/L	94
14) Carbon disulfide	2.243	76	125764	4.507	ug/L	99
15) Methyl Acetate	2.387	43	20084	5.170	ug/L	96
16) Methylene chloride	2.449	84	49561	4.763	ug/L	92
17) Methyl tert-butyl Ether	2.706	73	105360	4.849	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	44187	4.833	ug/L	98
19) 1,1-Dichloroethane	3.114	63	89729	5.217	ug/L	99
21) 2-Butanone	3.886	43	141868	52.568	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	48544	4.931	ug/L	92
23) Bromochloromethane	4.153	128	21255	5.132	ug/L	94
25) Chloroform	4.278	83	91472	5.421	ug/L	99

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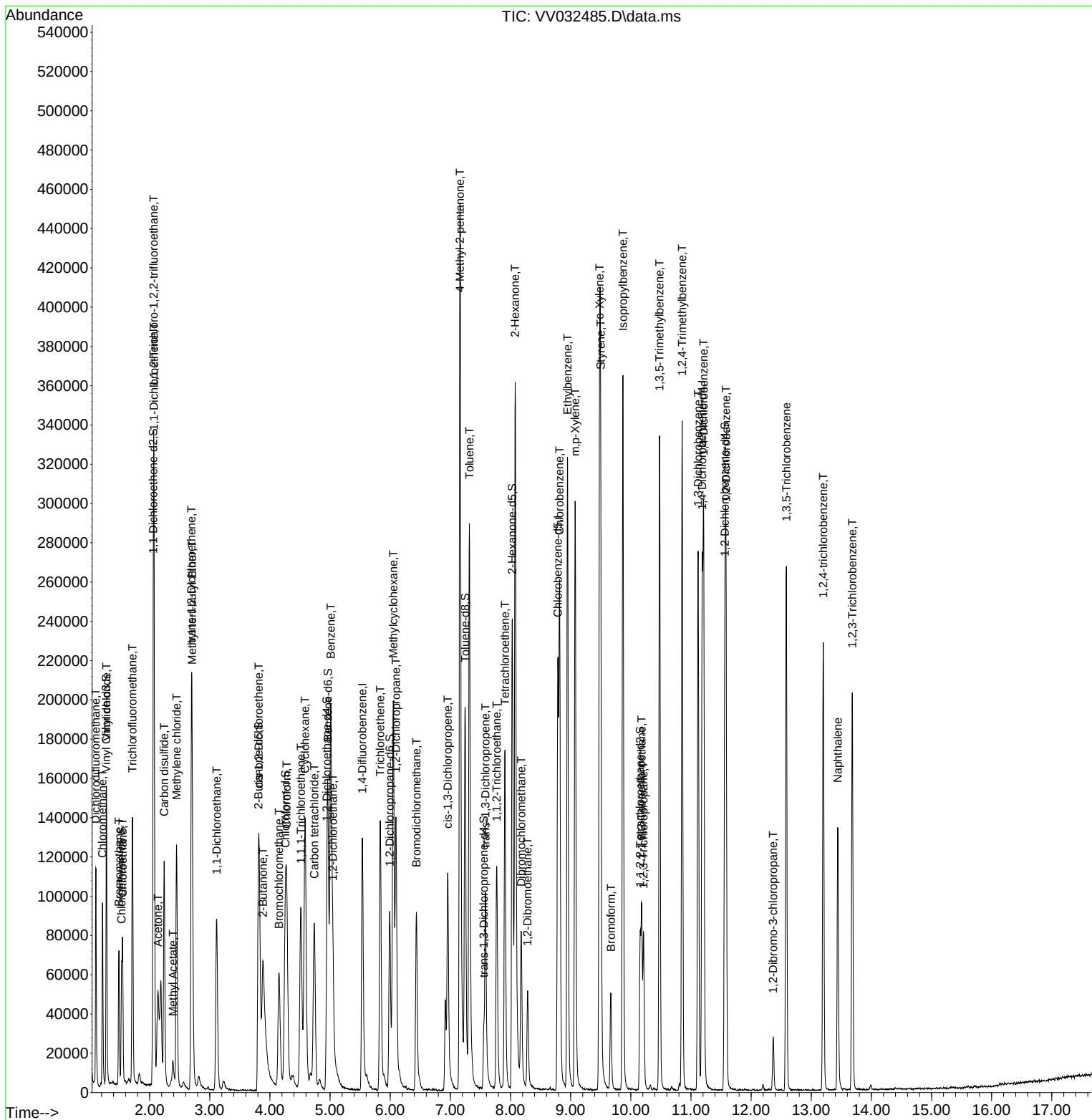
Instrument :
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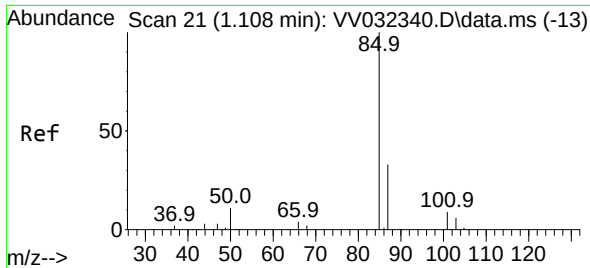
Quant Time: Oct 20 06:15:10 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	53641	5.381	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	76190	4.839	ug/L	98
30) Cyclohexane	4.583	56	70933	4.100	ug/L	98
31) Carbon tetrachloride	4.738	117	63453	4.763	ug/L	99
33) Benzene	5.011	78	193578	4.748	ug/L	100
34) Trichloroethene	5.834	95	49405	4.439	ug/L	97
35) Methylcyclohexane	6.053	83	77189	4.482	ug/L	98
37) 1,2-Dichloropropane	6.095	63	54098	4.962	ug/L	100
38) Bromodichloromethane	6.436	83	66431	5.128	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	70173	4.522	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	334836	48.527	ug/L	99
42) Toluene	7.317	91	212638	4.893	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	58421	4.581	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	37971	4.937	ug/L	99
47) Tetrachloroethene	7.908	164	38865	4.605	ug/L	98
48) 2-Hexanone	8.079	43	252046	51.774	ug/L	98
49) Dibromochloromethane	8.178	129	39970	4.991	ug/L	95
50) 1,2-Dibromoethane	8.284	107	34541	4.748	ug/L	97
51) Chlorobenzene	8.815	112	133883	4.785	ug/L	99
52) Ethylbenzene	8.950	91	227821	4.707	ug/L	100
53) m,p-Xylene	9.075	106	84012	4.681	ug/L	98
54) o-Xylene	9.480	106	80857	4.675	ug/L	97
55) Styrene	9.500	104	146229	5.006	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	45242	5.346	ug/L	97
59) Bromoform	9.670	173	21648	4.825	ug/L	100
60) Isopropylbenzene	9.869	105	224776	4.688	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	32083	4.886	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	171460	4.387	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	174474	4.484	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	108261	4.726	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	107436	4.675	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	97655	4.674	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	6727	5.014	ug/L	86
69) 1,3,5-Trichlorobenzene	12.586	180	76543	4.563	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	64057	4.305	ug/L	98
71) Naphthalene	13.442	128	102171	4.042	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	58232	4.542	ug/L	99

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

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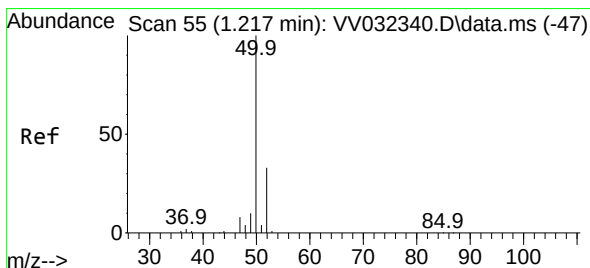
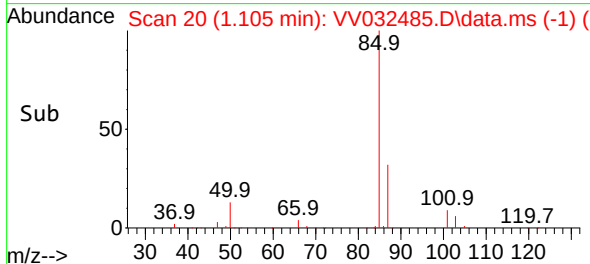
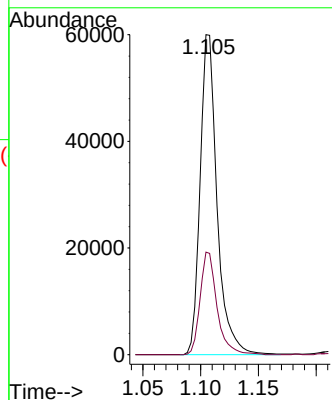
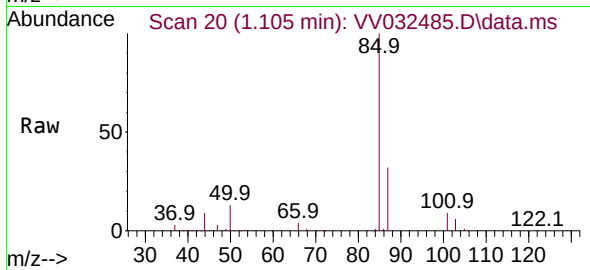




#2
 Dichlorodifluoromethane
 Concen: 5.065 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032485.D
 Acq: 19 Oct 2023 09:20

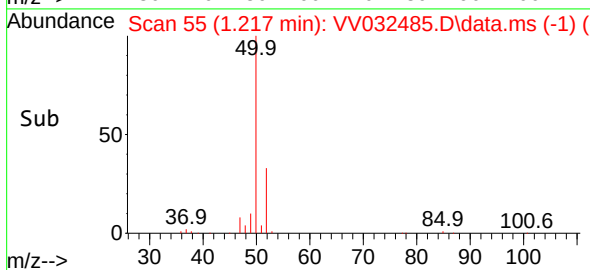
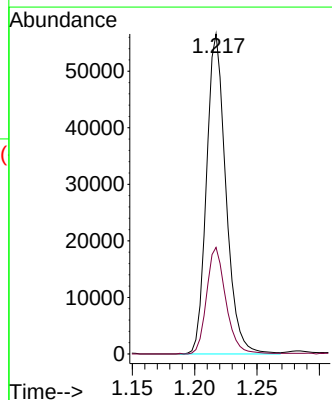
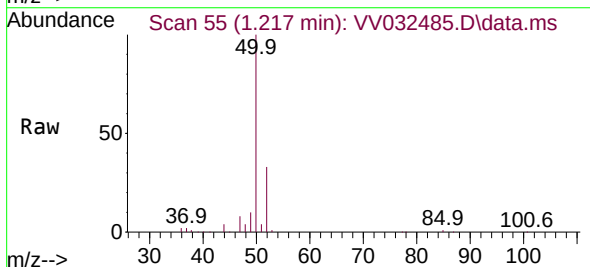
Instrument :
 MSVOA_V
 ClientSampleId :

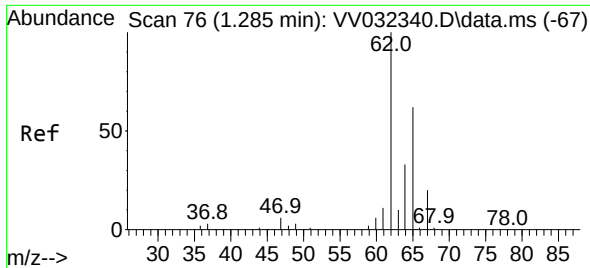
Tgt Ion: 85 Resp: 61422
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 5.012 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032485.D
 Acq: 19 Oct 2023 09:20

Tgt Ion: 50 Resp: 61280
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.6

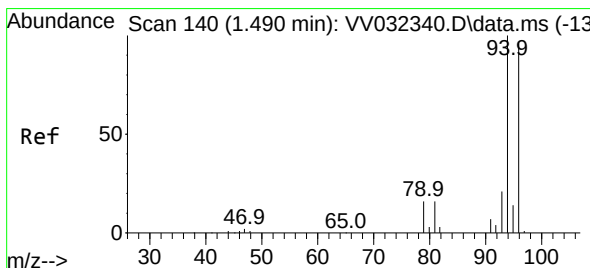
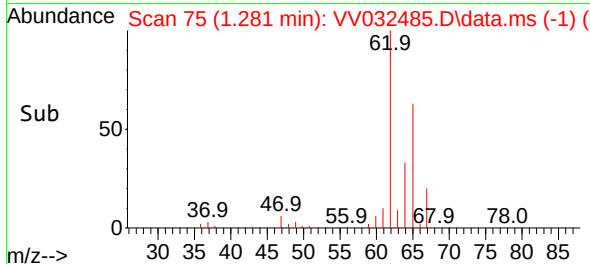
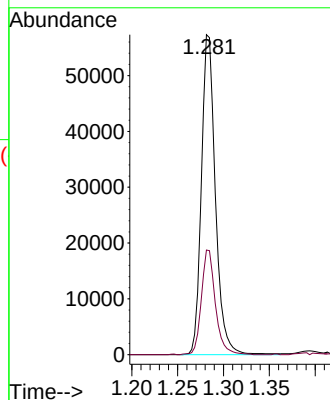
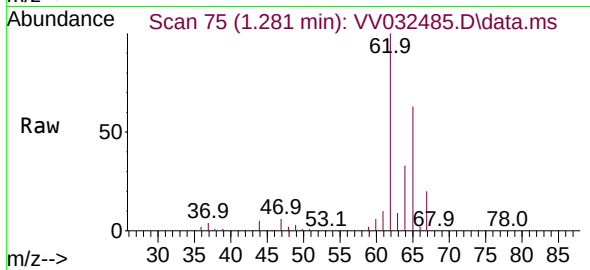




#5
 Vinyl chloride
 Concen: 5.236 ug/L
 RT: 1.281 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV032485.D
 Acq: 19 Oct 2023 09:20

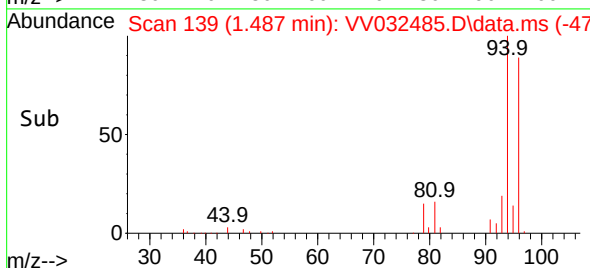
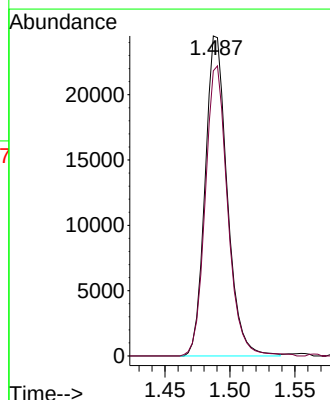
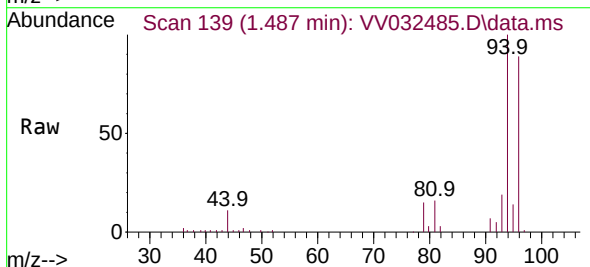
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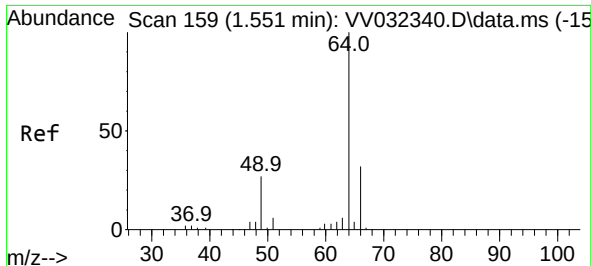
Tgt Ion: 62 Resp: 61052
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#6
 Bromomethane
 Concen: 4.125 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV032485.D
 Acq: 19 Oct 2023 09:20

Tgt Ion: 94 Resp: 29057
 Ion Ratio Lower Upper
 94 100
 96 89.1 66.8 124.2

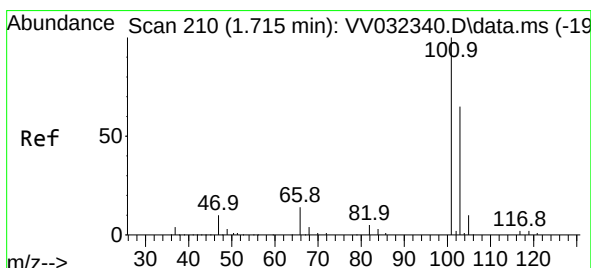
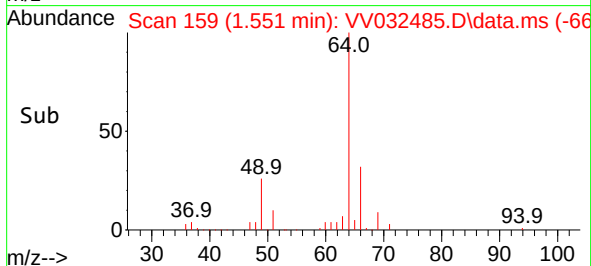
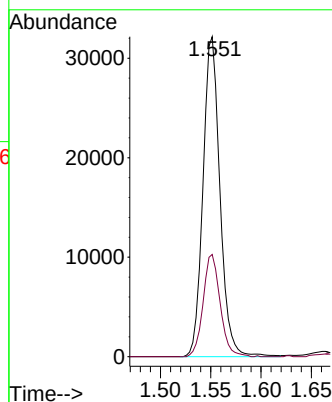
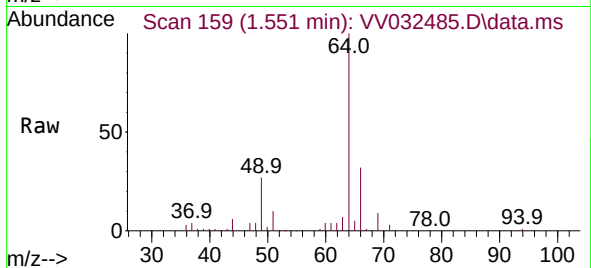




#8
Chloroethane
Concen: 5.384 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

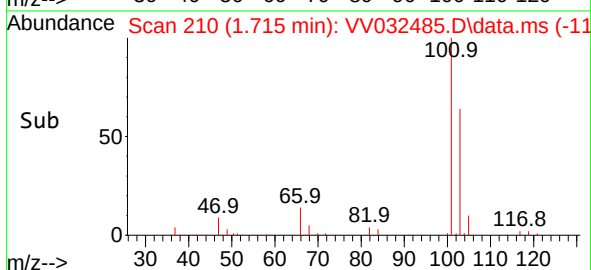
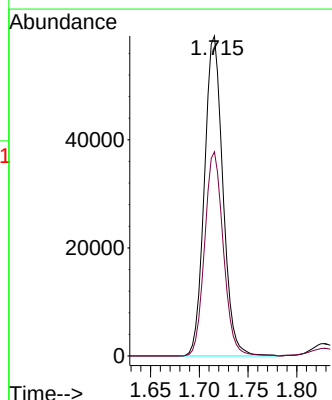
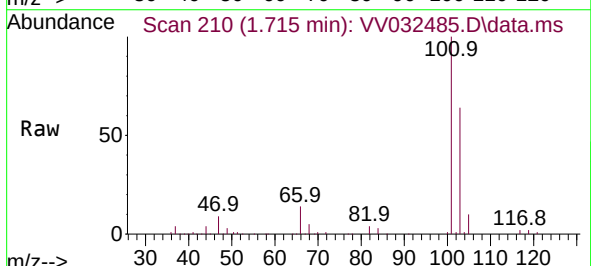
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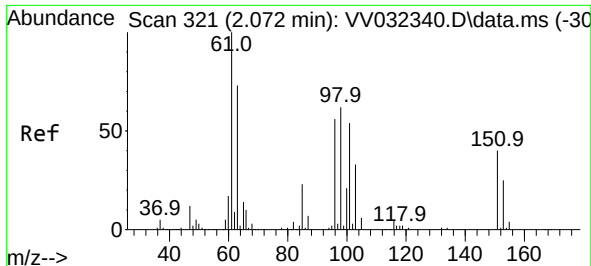
Tgt Ion: 64 Resp: 37797
Ion Ratio Lower Upper
64 100
66 32.0 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.580 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Tgt Ion:101 Resp: 78035
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

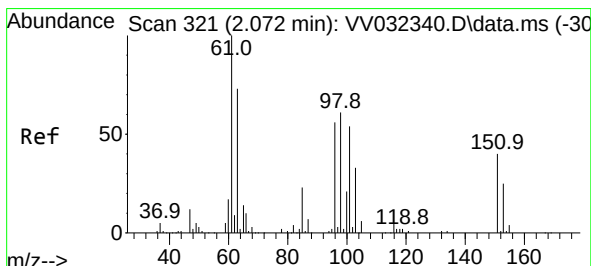
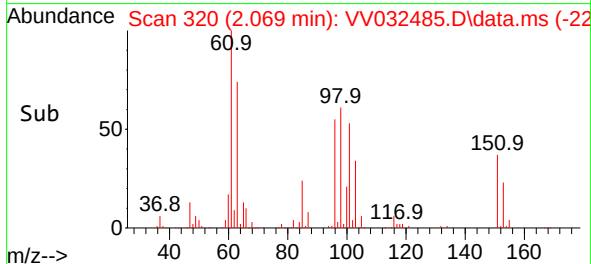
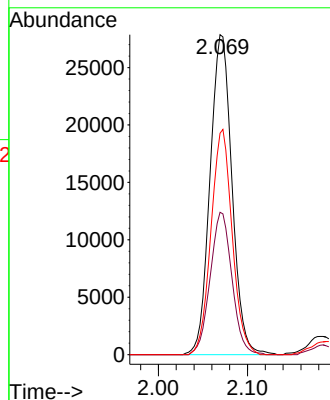
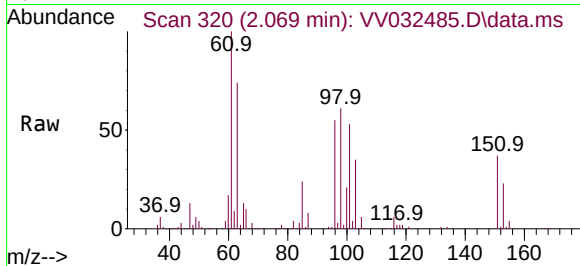




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.621 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032485.D
 Acq: 19 Oct 2023 09:20

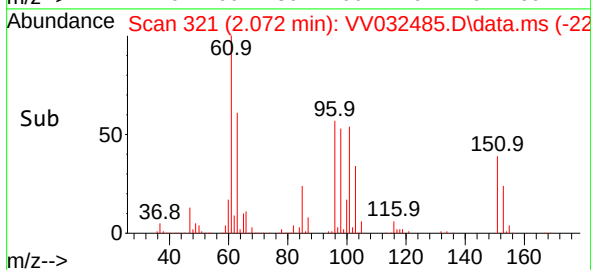
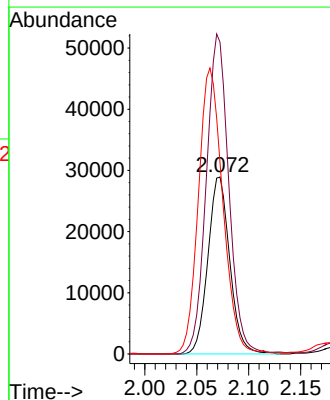
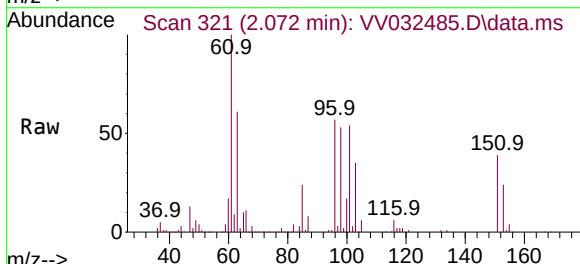
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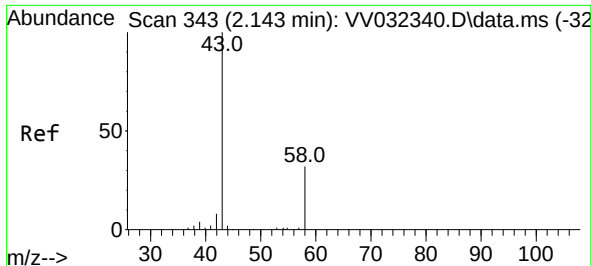
Tgt Ion:101 Resp: 47632
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.0 52.6
 151 68.2 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.294 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV032485.D
 Acq: 19 Oct 2023 09:20

Tgt Ion: 96 Resp: 42256
 Ion Ratio Lower Upper
 96 100
 61 176.2 127.3 236.3
 63 108.0 98.3 182.7





#13

Acetone

Concen: 60.947 ug/L

RT: 2.140 min Scan# 343

Delta R.T. 0.003 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

Instrument :

MSVOA_V

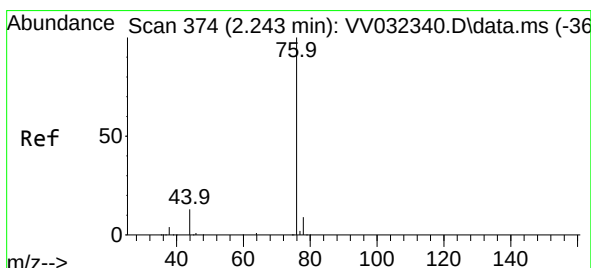
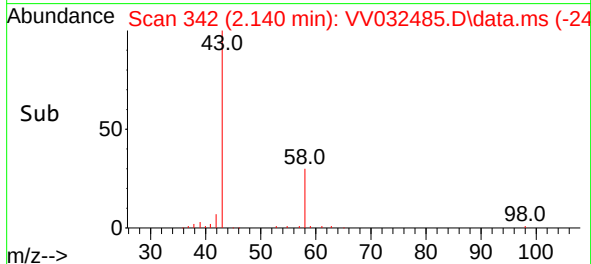
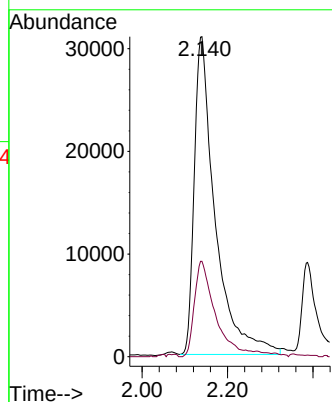
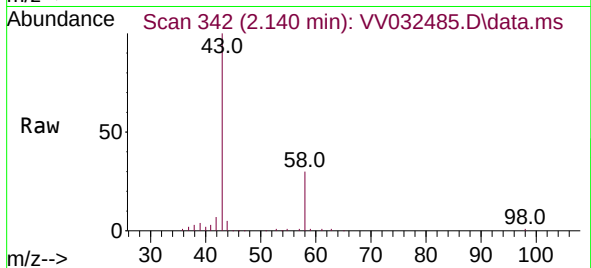
ClientSampleId :

Tgt Ion: 43 Resp: 105180

Ion Ratio Lower Upper

43 100

58 29.8 0.0 66.0



#14

Carbon disulfide

Concen: 4.507 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032485.D

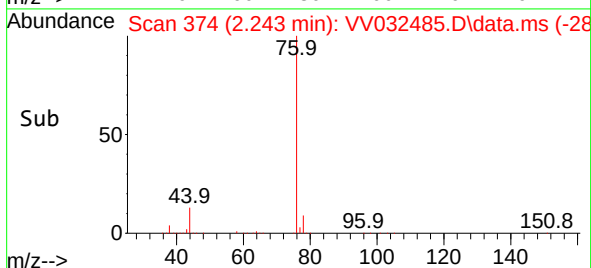
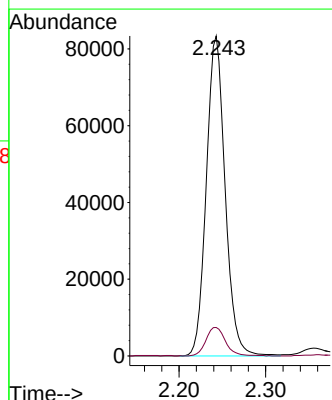
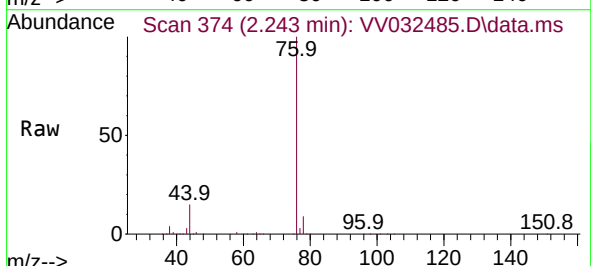
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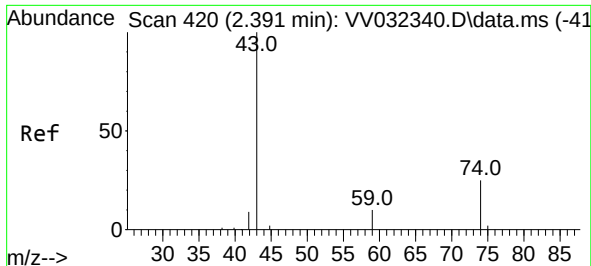
Tgt Ion: 76 Resp: 125764

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

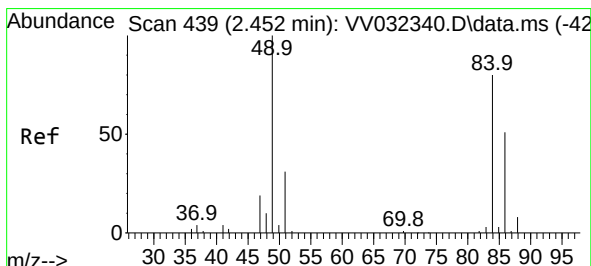
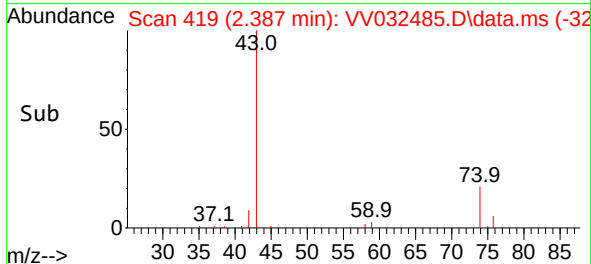
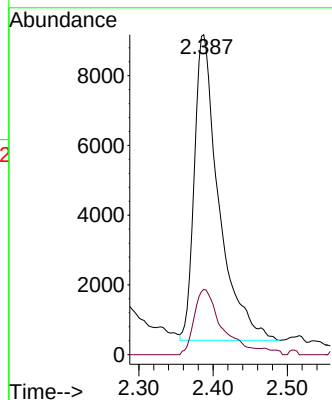
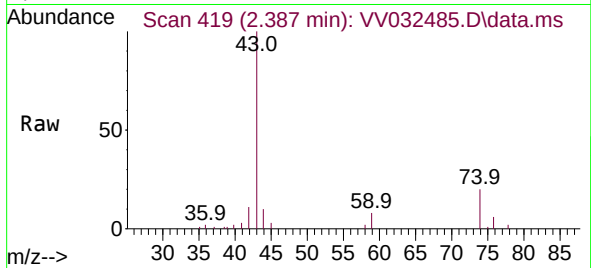




#15
Methyl Acetate
Concen: 5.170 ug/L
RT: 2.387 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

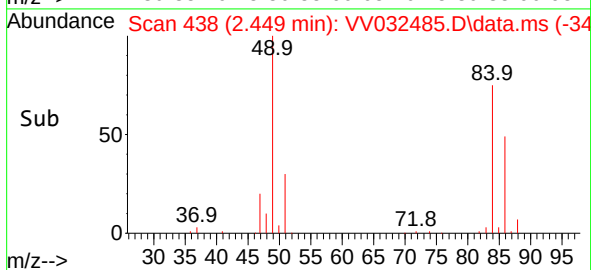
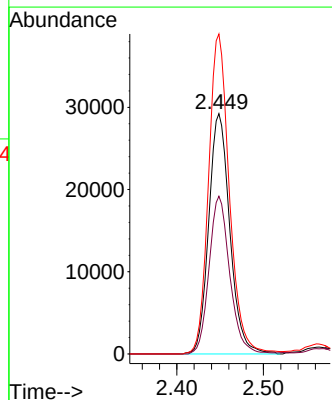
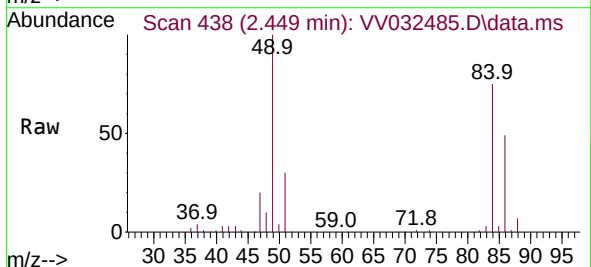
Instrument :
MSVOA_V
ClientSampleId :

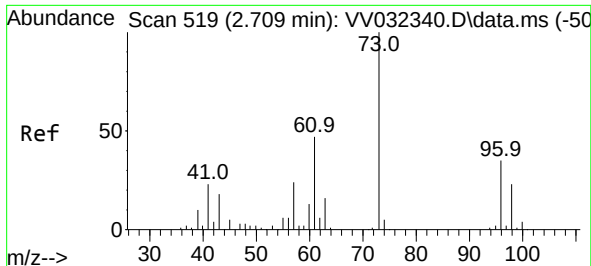
Tgt Ion: 43 Resp: 20084
Ion Ratio Lower Upper
43 100
74 24.4 18.0 27.0



#16
Methylene chloride
Concen: 4.763 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Tgt Ion: 84 Resp: 49561
Ion Ratio Lower Upper
84 100
86 65.6 43.2 80.2
49 133.2 86.3 160.3





#17

Methyl tert-butyl Ether

Concen: 4.849 ug/L

RT: 2.706 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

Instrument :

MSVOA_V

ClientSampleId :

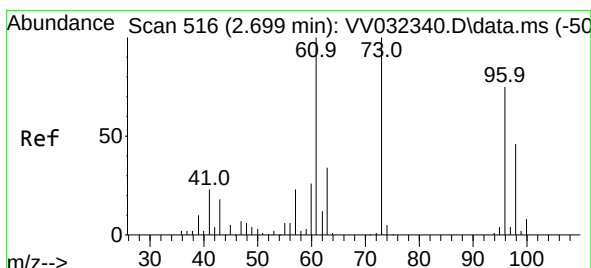
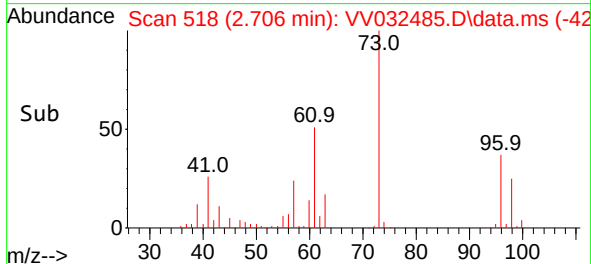
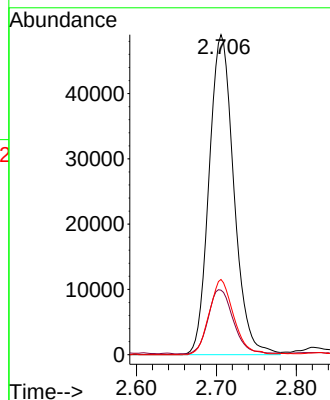
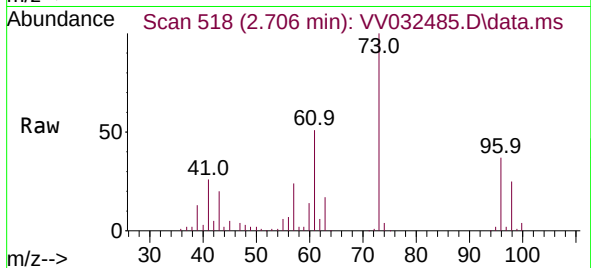
Tgt Ion: 73 Resp: 105360

Ion Ratio Lower Upper

73 100

43 20.5 15.1 22.7

57 23.2 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 4.833 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

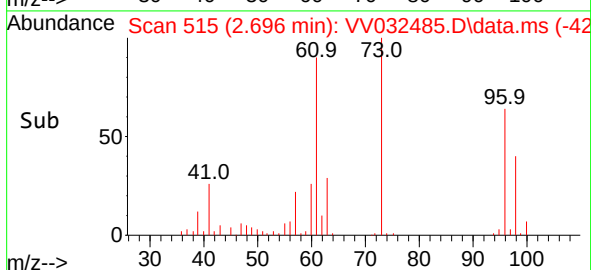
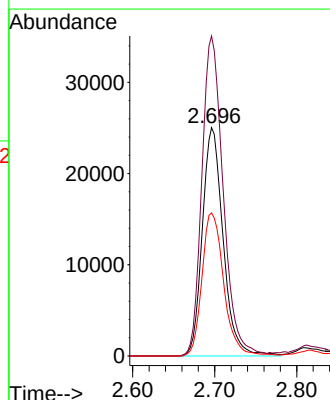
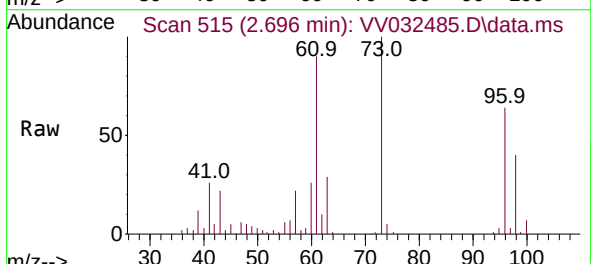
Tgt Ion: 96 Resp: 44187

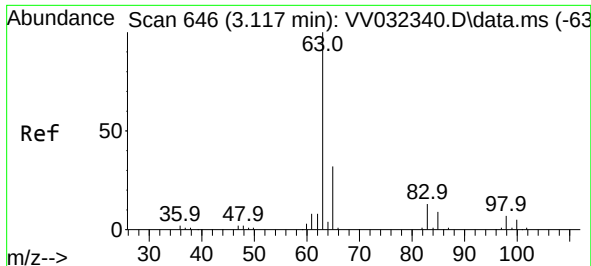
Ion Ratio Lower Upper

96 100

61 140.2 96.9 180.1

98 62.7 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.217 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

Instrument :

MSVOA_V

ClientSampleId :

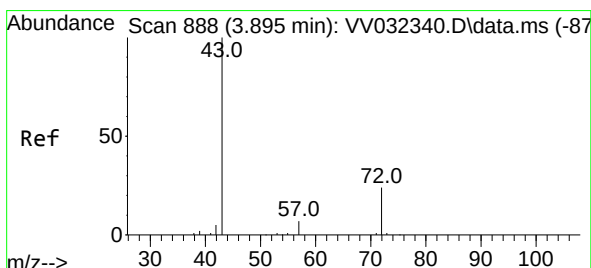
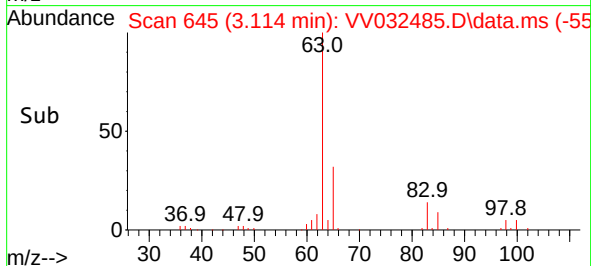
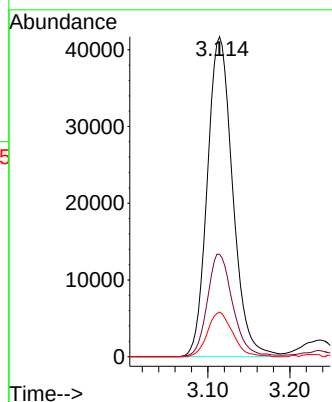
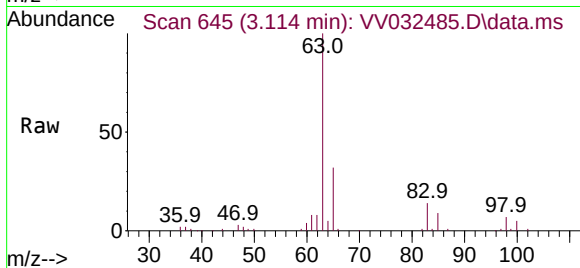
Tgt Ion: 63 Resp: 89729

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 13.9 9.0 16.6



#21

2-Butanone

Concen: 52.568 ug/L

RT: 3.886 min Scan# 885

Delta R.T. 0.000 min

Lab File: VV032485.D

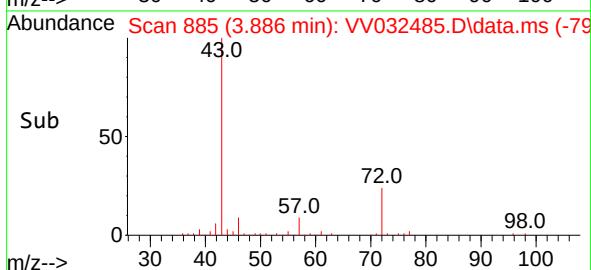
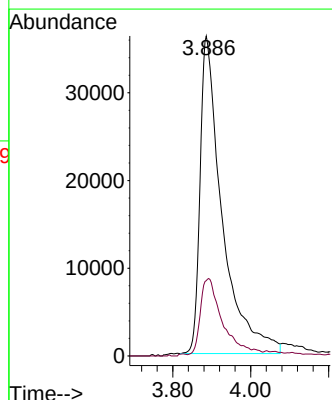
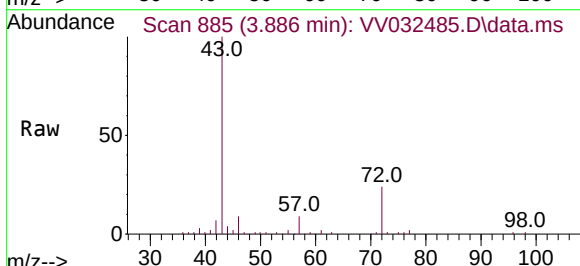
Acq: 19 Oct 2023 09:20

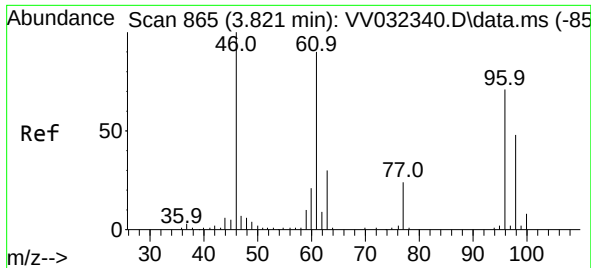
Tgt Ion: 43 Resp: 141868

Ion Ratio Lower Upper

43 100

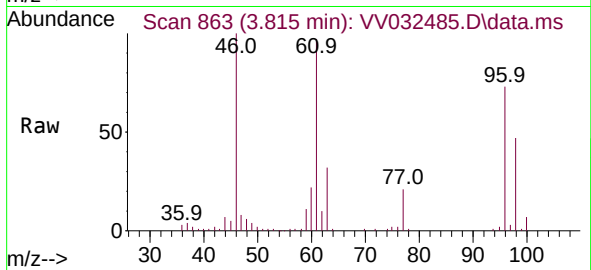
72 23.4 11.6 34.8





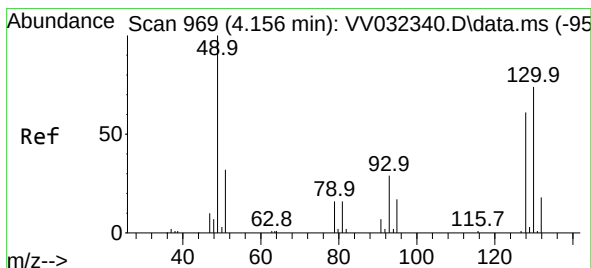
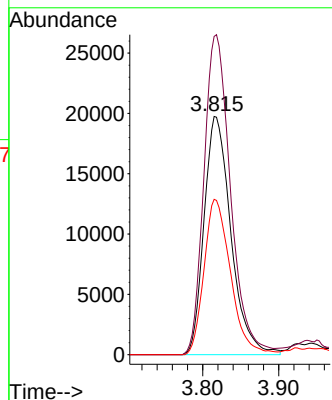
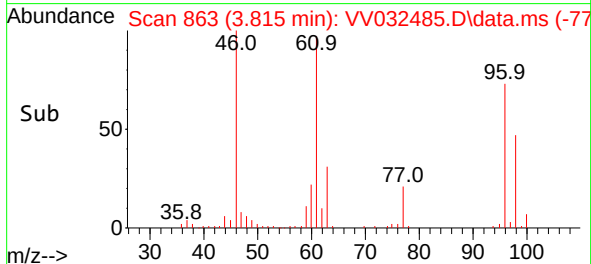
#22
 cis-1,2-Dichloroethene
 Concen: 4.931 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.003 min
 Lab File: VV032485.D
 Acq: 19 Oct 2023 09:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 48544

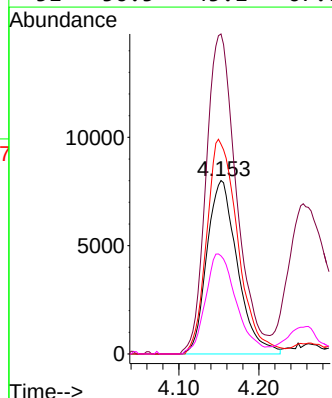
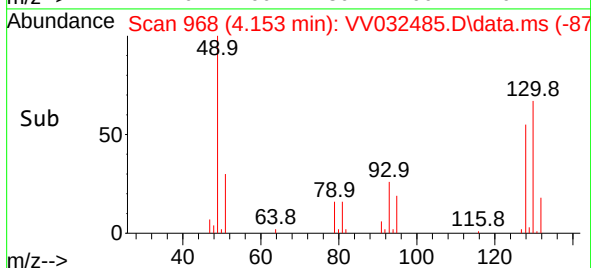
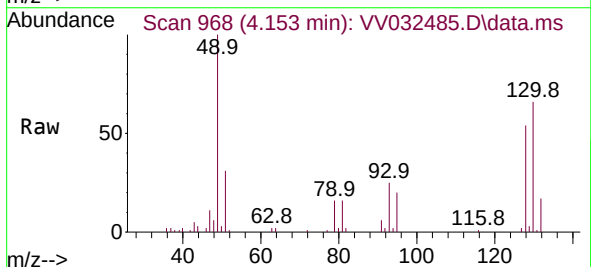
Ion	Ratio	Lower	Upper
96	100		
61	133.6	85.8	159.4
98	65.2	44.0	81.6

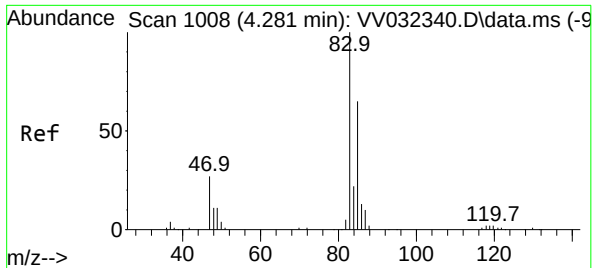


#23
 Bromochloromethane
 Concen: 5.132 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV032485.D
 Acq: 19 Oct 2023 09:20

Tgt Ion: 128 Resp: 21255

Ion	Ratio	Lower	Upper
128	100		
49	184.4	121.2	225.0
130	120.9	88.2	163.8
51	56.5	45.1	67.7

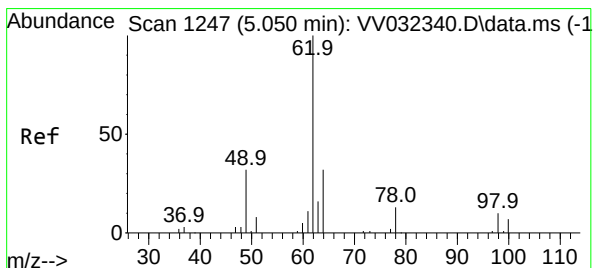
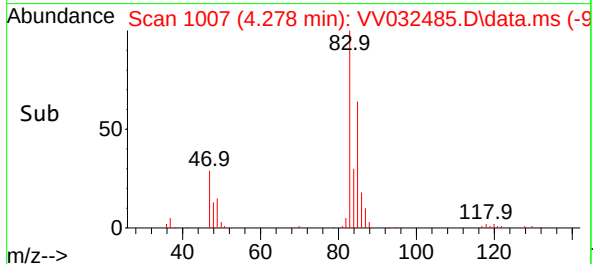
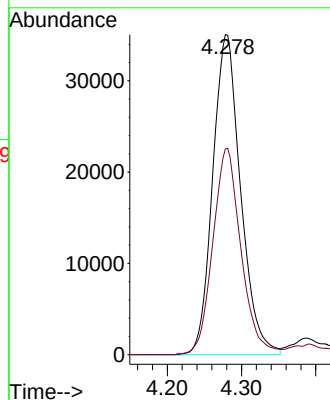
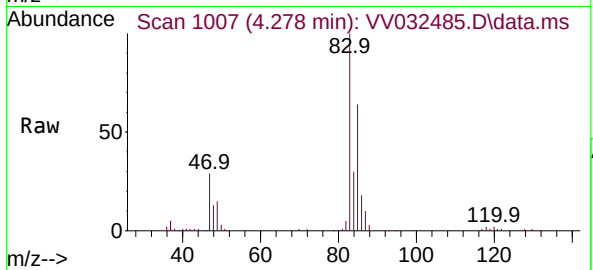




#25
Chloroform
Concen: 5.421 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

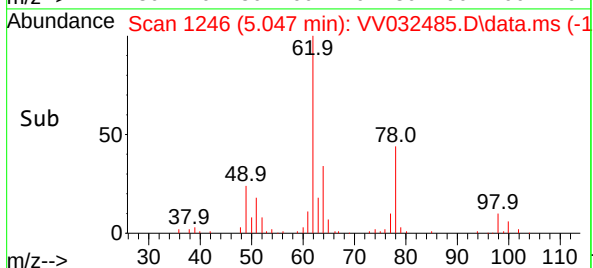
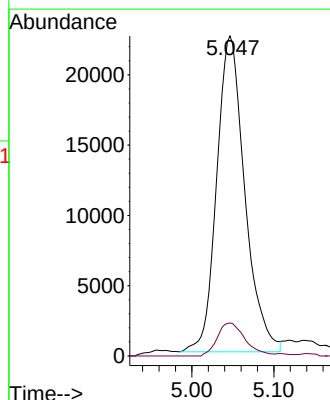
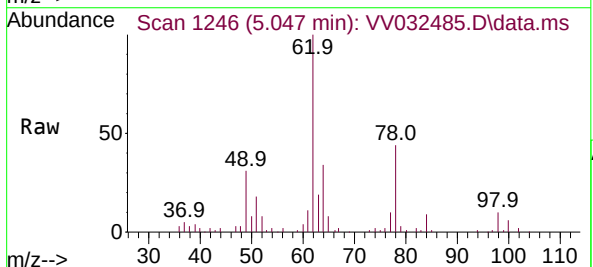
Instrument :
MSVOA_V
ClientSampleId :

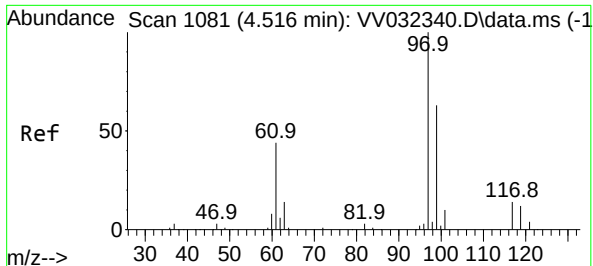
Tgt Ion: 83 Resp: 91472
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.381 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Tgt Ion: 62 Resp: 53641
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.839 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

Instrument :

MSVOA_V

ClientSampleId :

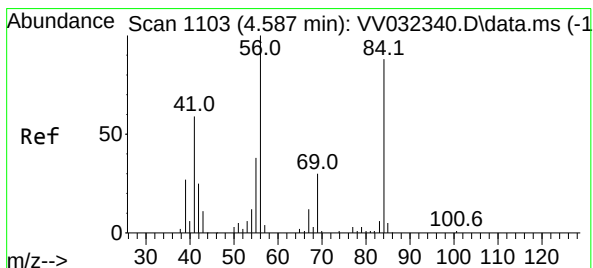
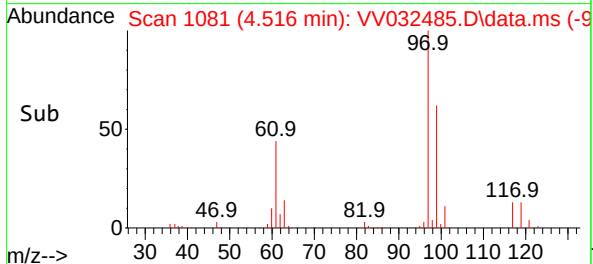
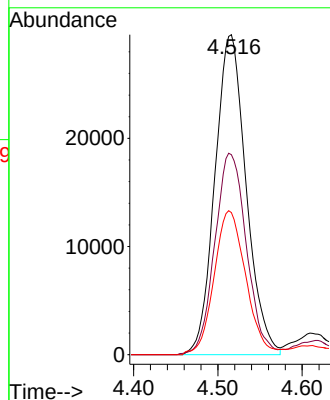
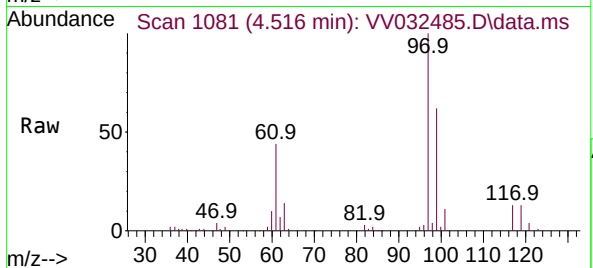
Tgt Ion: 97 Resp: 76190

Ion Ratio Lower Upper

97 100

99 63.7 50.1 75.1

61 45.5 35.1 52.7



#30

Cyclohexane

Concen: 4.100 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

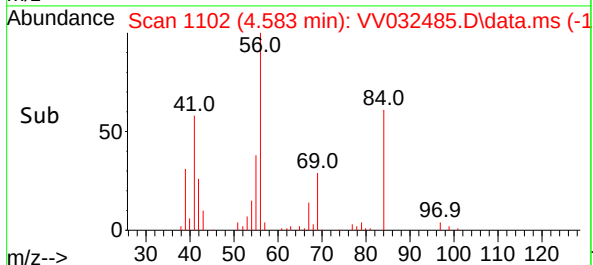
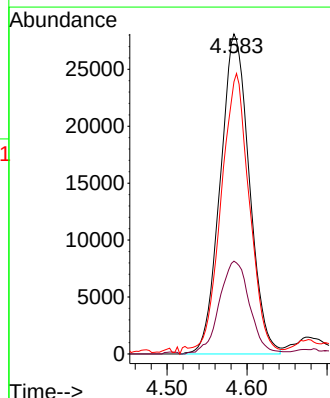
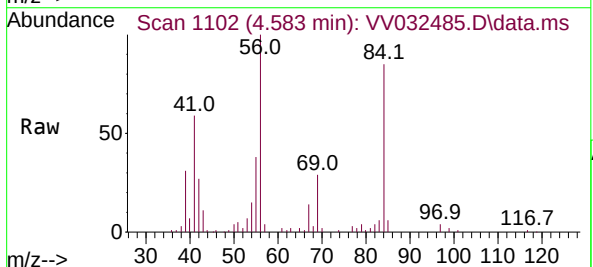
Tgt Ion: 56 Resp: 70933

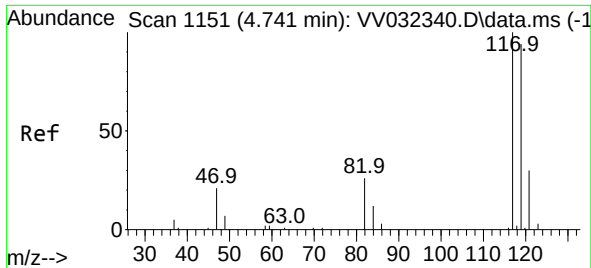
Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.2

84 82.5 68.1 102.1

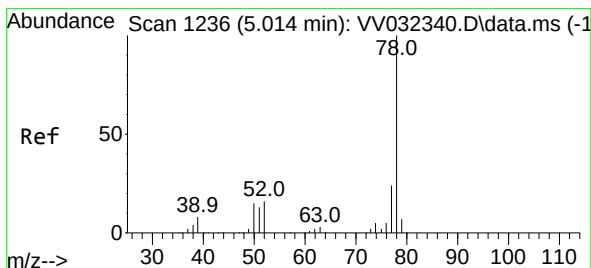
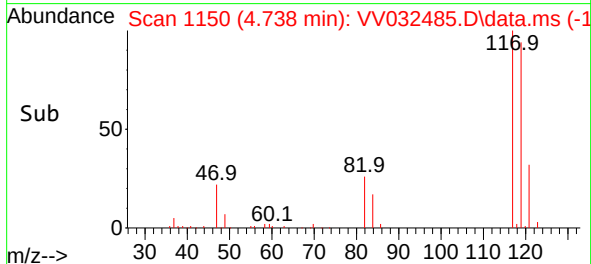
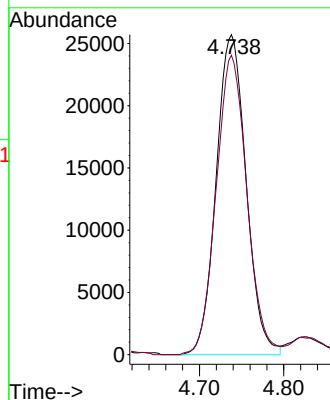
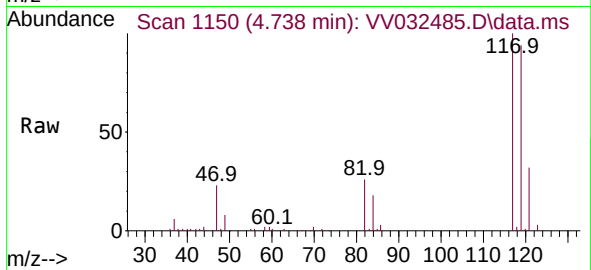




#31
Carbon tetrachloride
Concen: 4.763 ug/L
RT: 4.738 min Scan# 1151
Delta R.T. 0.003 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

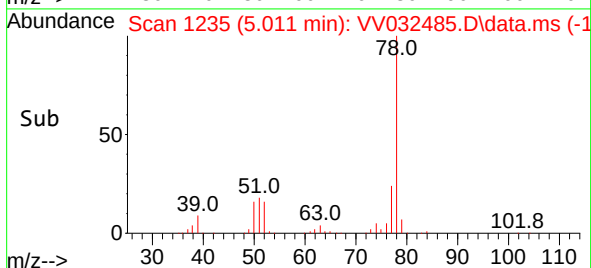
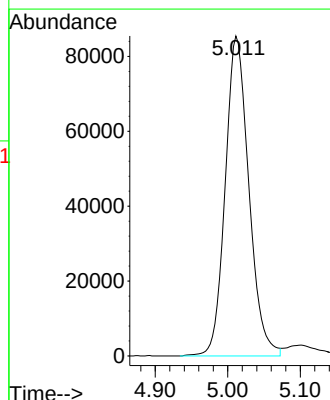
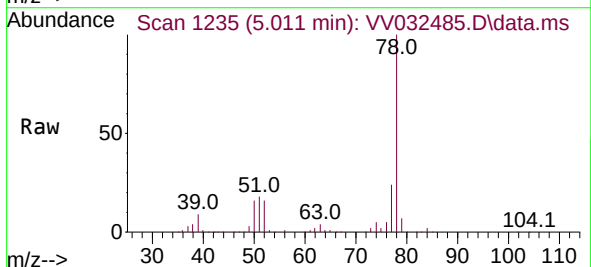
Instrument :
MSVOA_V
ClientSampleId :

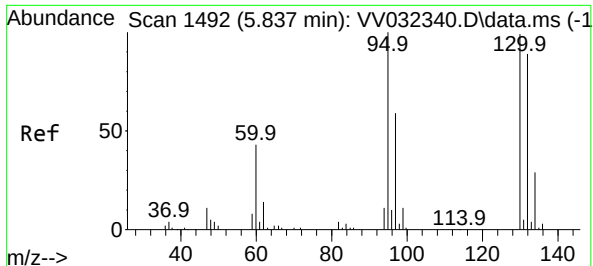
Tgt Ion:117 Resp: 63453
Ion Ratio Lower Upper
117 100
119 95.7 77.6 116.4



#33
Benzene
Concen: 4.748 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Tgt Ion: 78 Resp: 193578

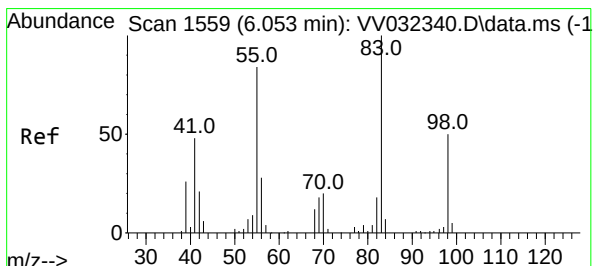
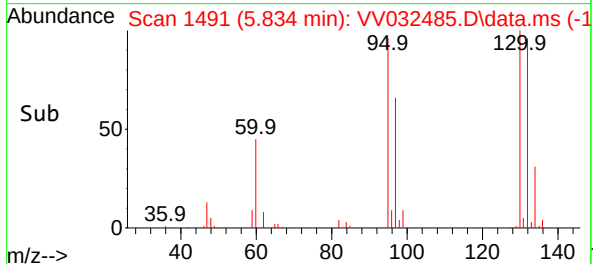
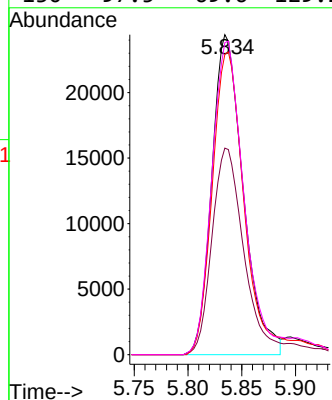
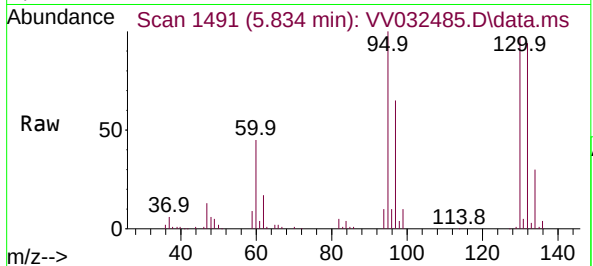




#34
Trichloroethene
Concen: 4.439 ug/L
RT: 5.834 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

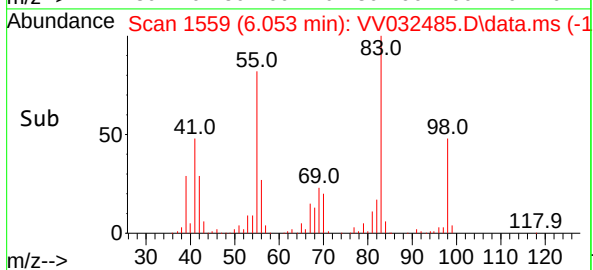
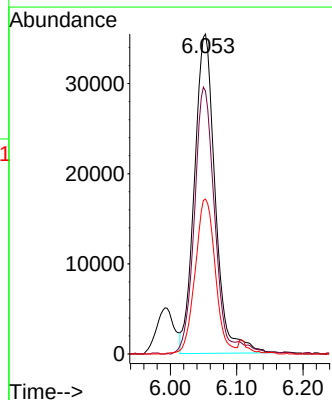
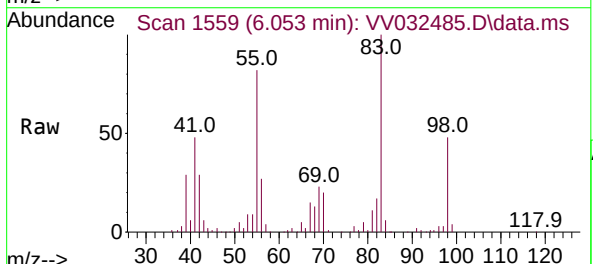
Instrument :
MSVOA_V
ClientSampleId :

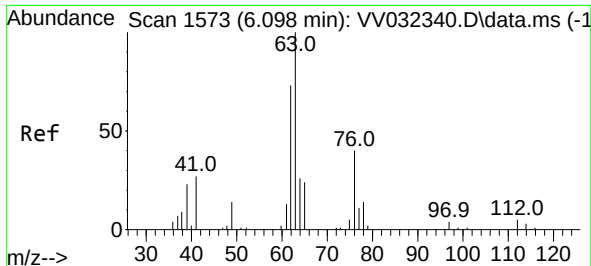
Tgt Ion: 95 Resp: 49405
Ion Ratio Lower Upper
95 100
97 64.5 45.7 84.9
132 93.8 70.3 130.5
130 97.5 69.6 129.2



#35
Methylcyclohexane
Concen: 4.482 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Tgt Ion: 83 Resp: 77189
Ion Ratio Lower Upper
83 100
55 79.7 64.2 96.2
98 47.0 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.962 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

Instrument :

MSVOA_V

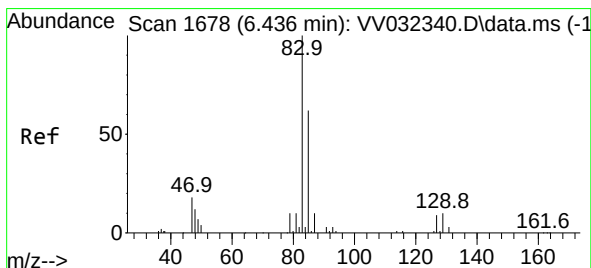
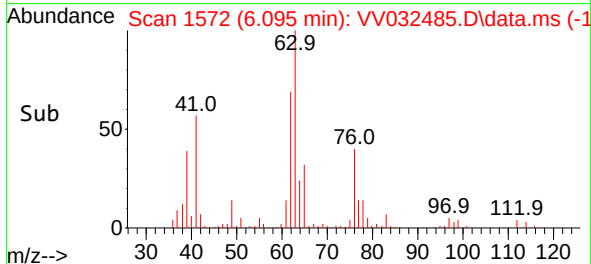
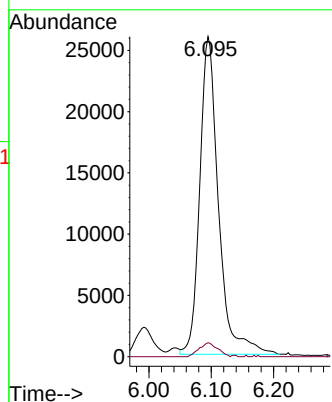
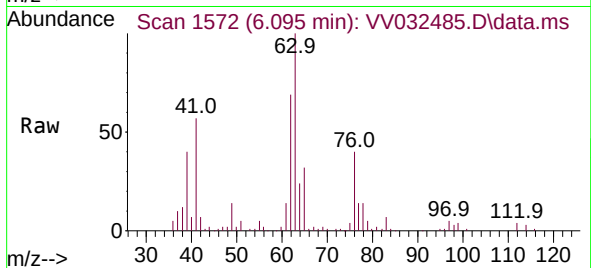
ClientSampleId :

Tgt Ion: 63 Resp: 54098

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 5.128 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

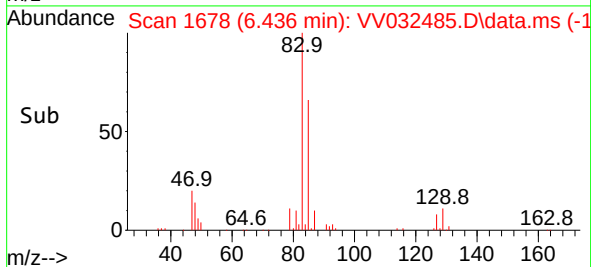
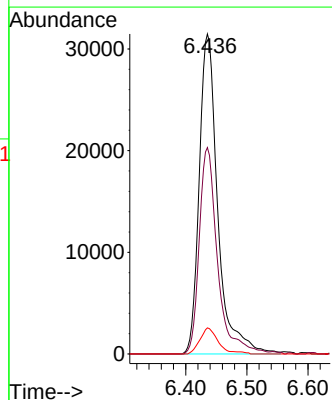
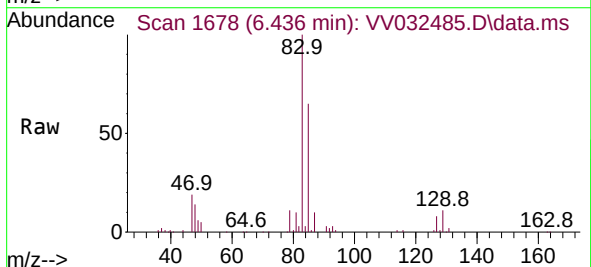
Tgt Ion: 83 Resp: 66431

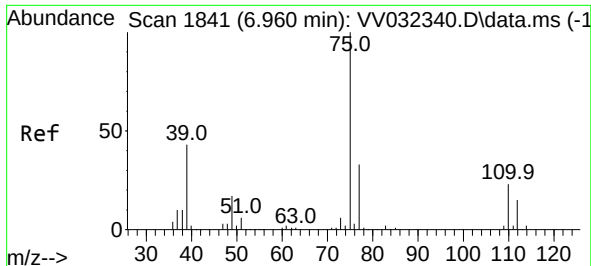
Ion Ratio Lower Upper

83 100

85 64.5 44.9 83.3

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.522 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

Instrument :

MSVOA_V

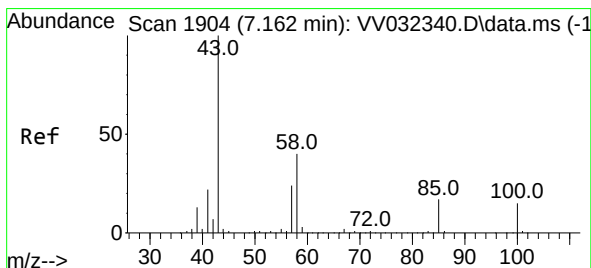
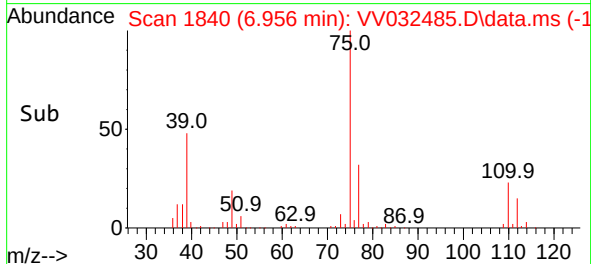
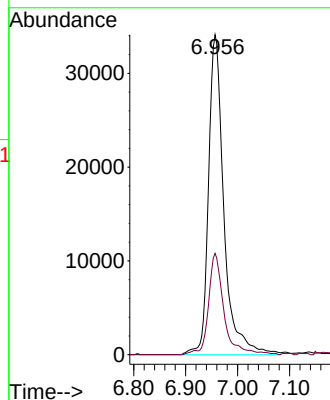
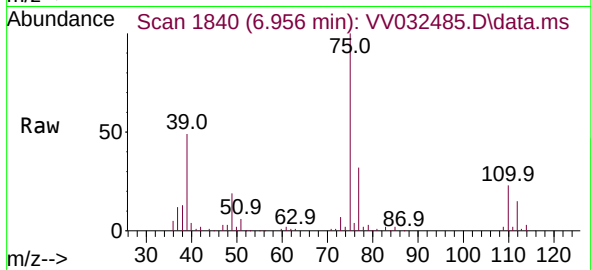
ClientSampleId :

Tgt Ion: 75 Resp: 70173

Ion Ratio Lower Upper

75 100

77 31.6 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 48.527 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

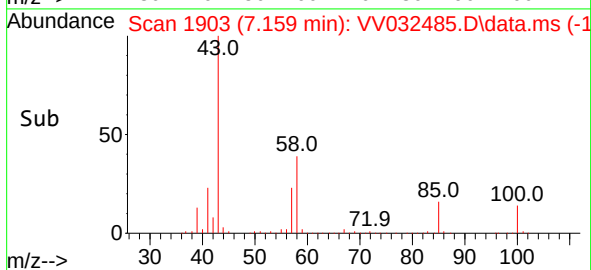
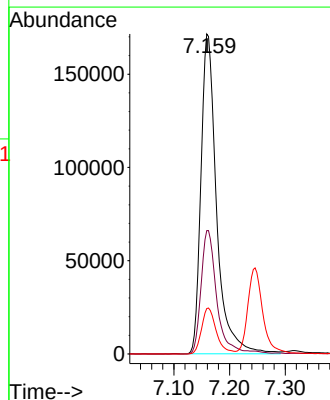
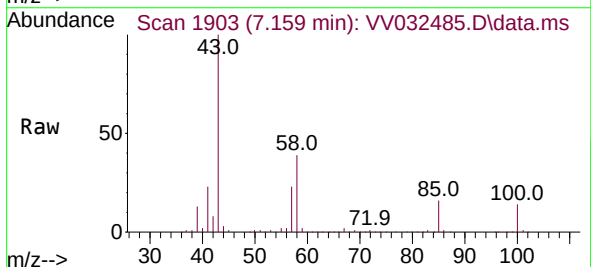
Tgt Ion: 43 Resp: 334836

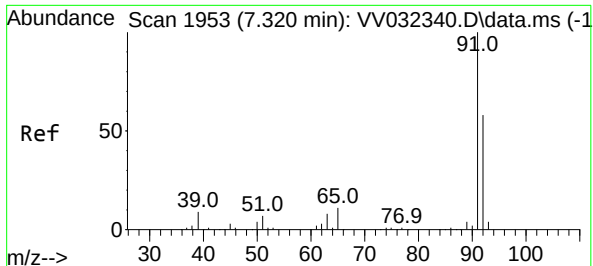
Ion Ratio Lower Upper

43 100

58 39.1 31.9 47.9

100 13.6 11.3 16.9





#42

Toluene

Concen: 4.893 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

Instrument :

MSVOA_V

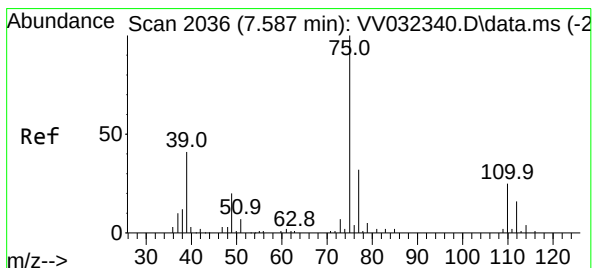
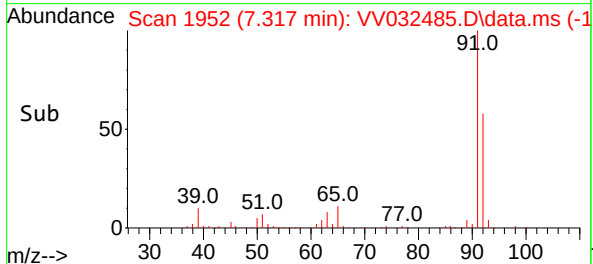
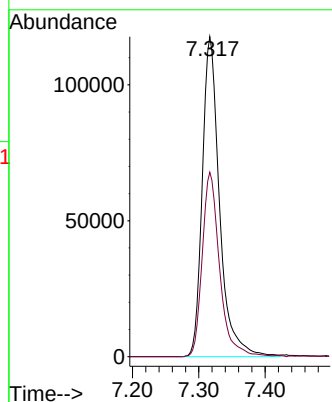
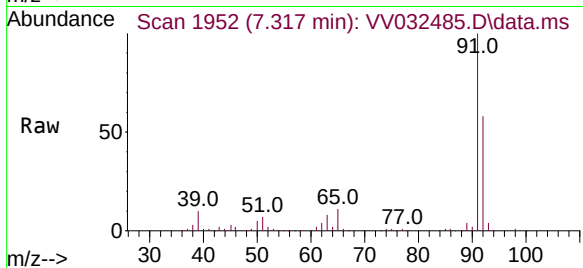
ClientSampleId :

Tgt Ion: 91 Resp: 212638

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.581 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032485.D

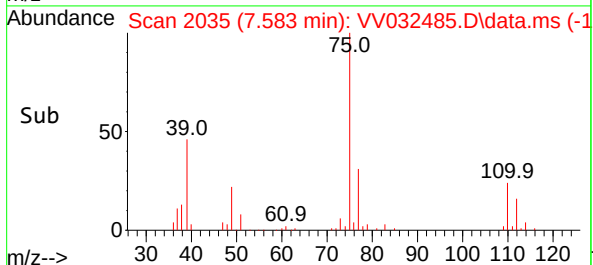
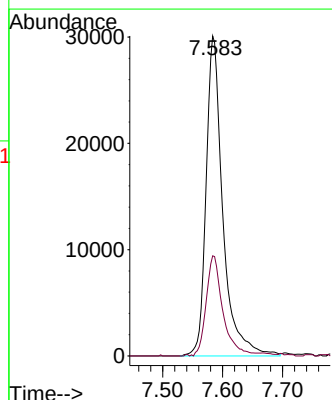
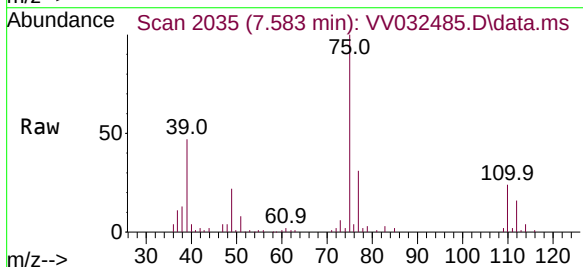
Acq: 19 Oct 2023 09:20

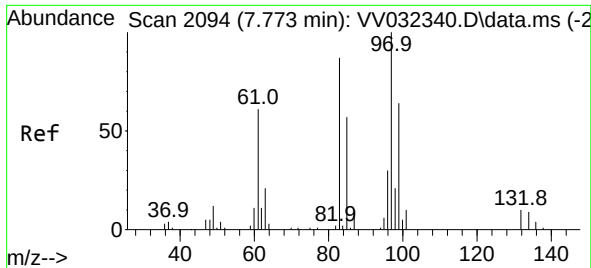
Tgt Ion: 75 Resp: 58421

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.7

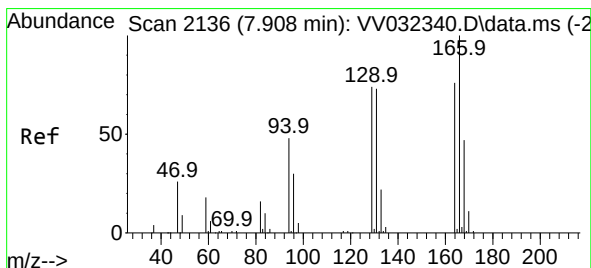
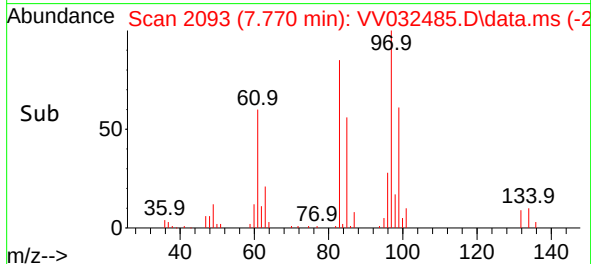
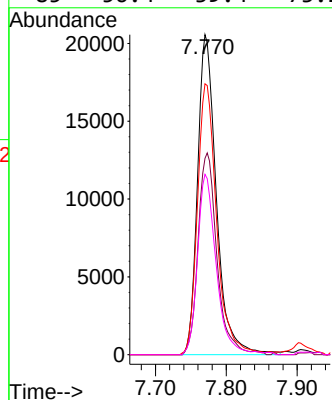
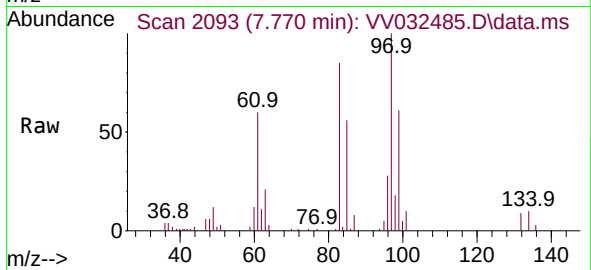




#45
1,1,2-Trichloroethane
Concen: 4.937 ug/L
RT: 7.770 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

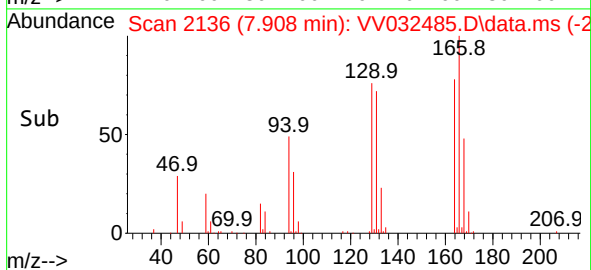
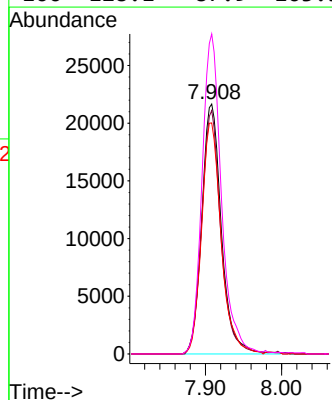
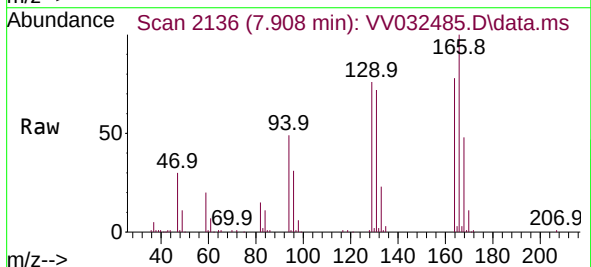
Instrument :
MSVOA_V
ClientSampleId :

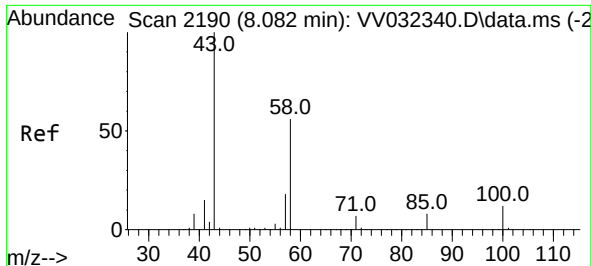
Tgt Ion: 97	Resp: 37971
Ion Ratio	Lower Upper
97 100	
99 61.4	42.8 79.4
83 84.7	60.9 113.1
85 56.4	39.4 73.2



#47
Tetrachloroethene
Concen: 4.605 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Tgt	Ion:164	Resp:	38865
Ion	Ratio	Lower	Upper
164	100		
129	97.4	66.4	123.4
131	92.5	63.7	118.3
166	128.1	87.9	163.3

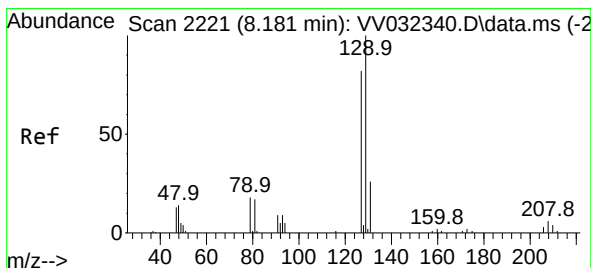
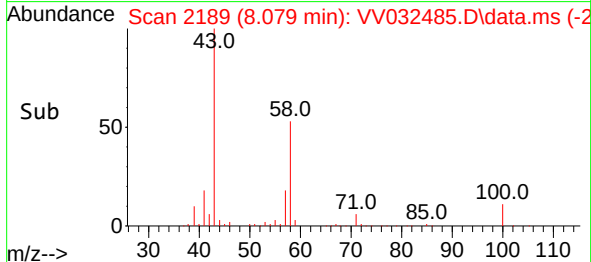
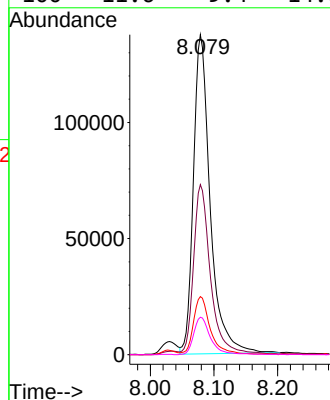
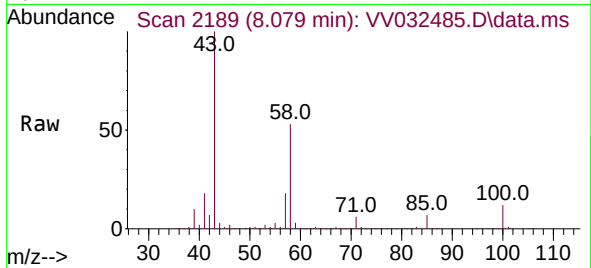




#48
2-Hexanone
Concen: 51.774 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

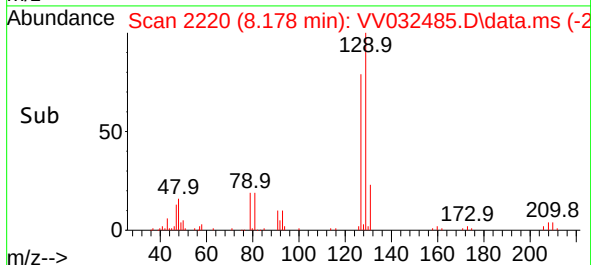
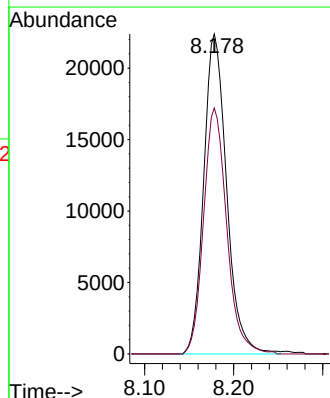
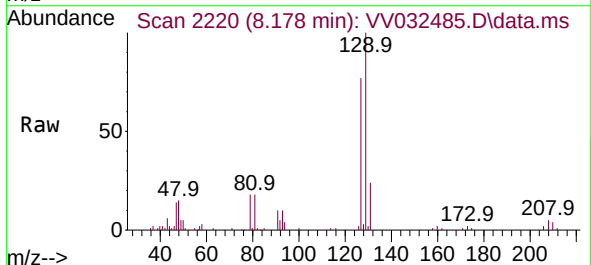
Instrument :
MSVOA_V
ClientSampleId :

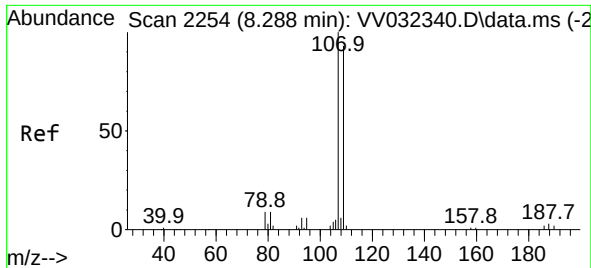
Tgt Ion:	43	Resp:	252046
Ion	Ratio	Lower	Upper
43	100		
58	52.8	43.6	65.4
57	17.9	14.6	22.0
100	11.6	9.4	14.0



#49
Dibromochloromethane
Concen: 4.991 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Tgt Ion:	129	Resp:	39970
Ion	Ratio	Lower	Upper
129	100		
127	76.8	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.748 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

Instrument :

MSVOA_V

ClientSampleId :

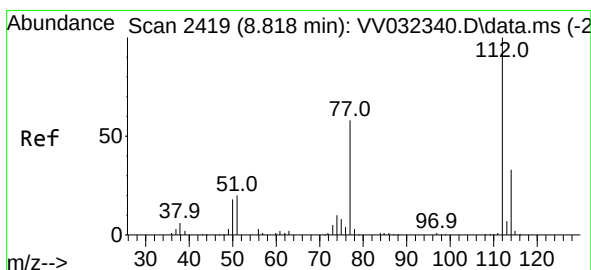
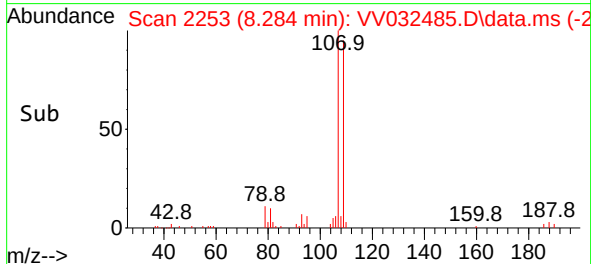
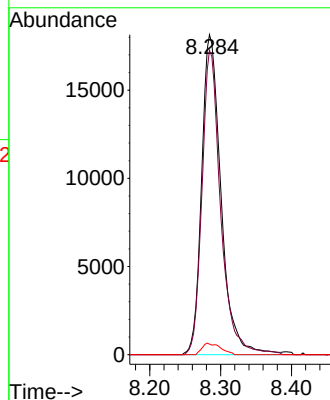
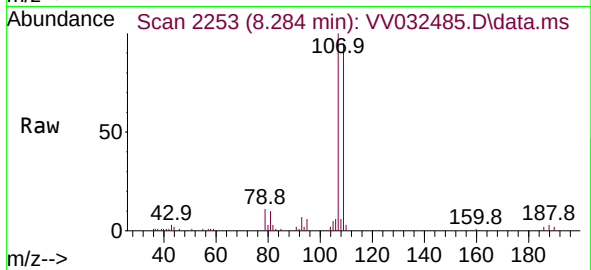
Tgt Ion:107 Resp: 34541

Ion Ratio Lower Upper

107 100

109 95.1 68.4 127.0

188 3.3 3.2 4.8



#51

Chlorobenzene

Concen: 4.785 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

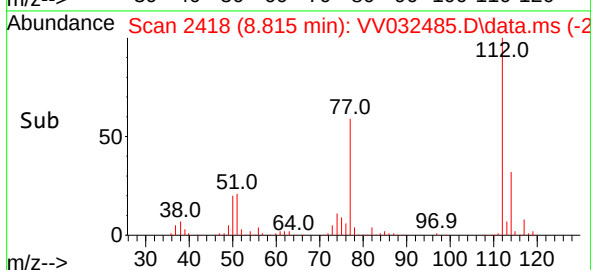
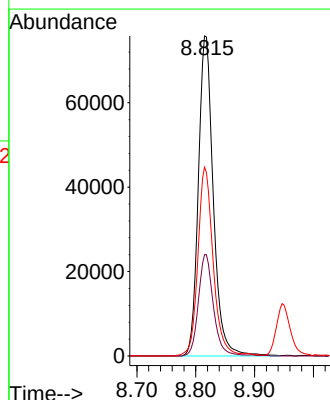
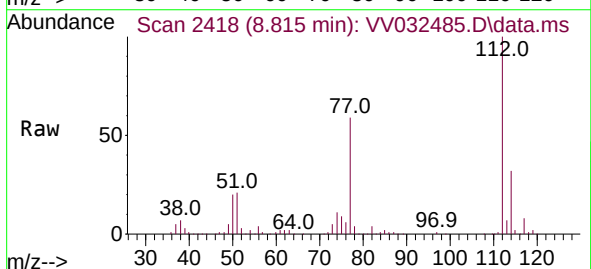
Tgt Ion:112 Resp: 133883

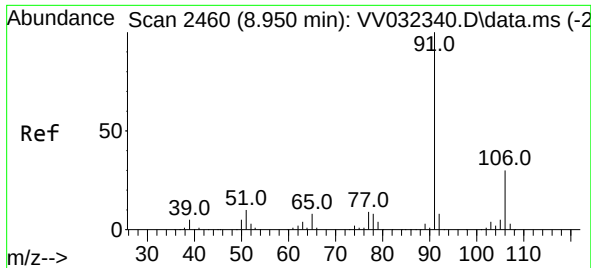
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 59.0 46.1 69.1

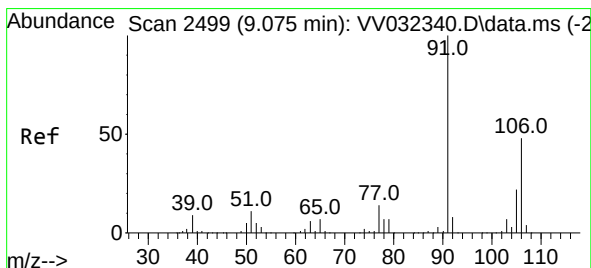
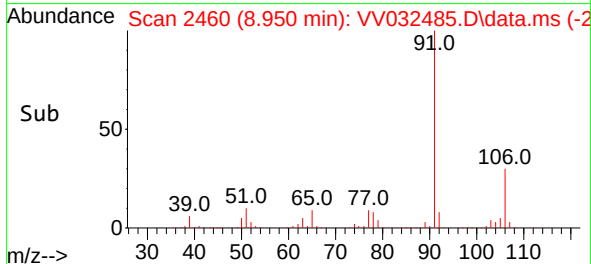
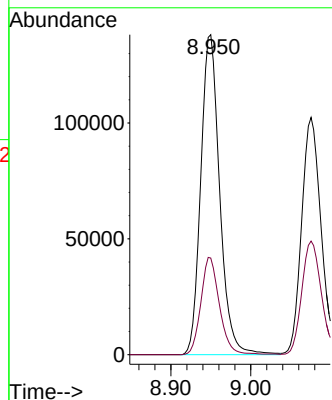
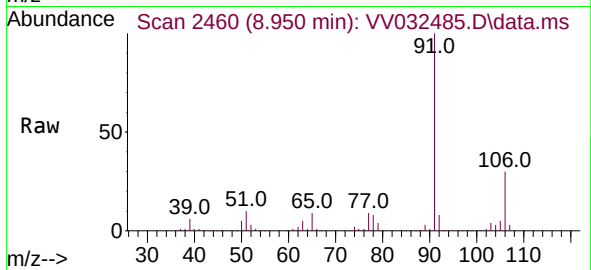




#52
Ethylbenzene
Concen: 4.707 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. -0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

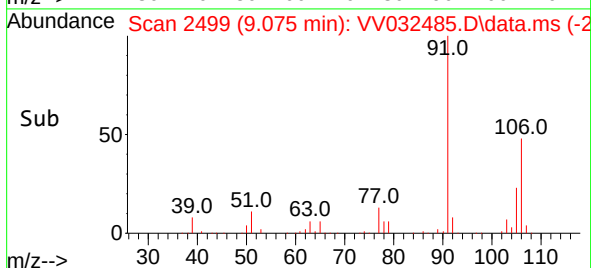
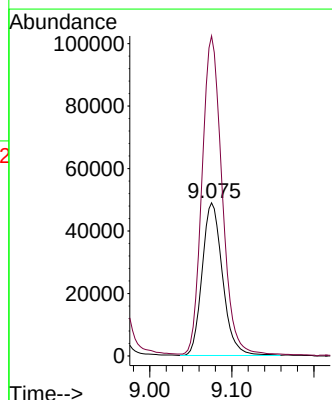
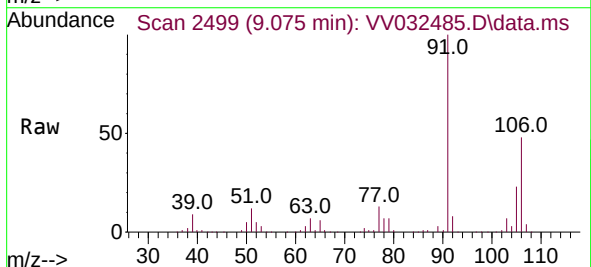
Instrument :
MSVOA_V
ClientSampleId :

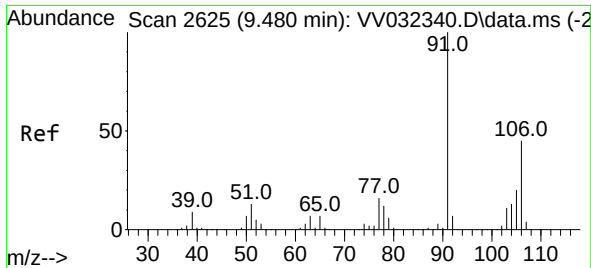
Tgt Ion: 91 Resp: 227821
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 4.681 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Tgt Ion: 106 Resp: 84012
Ion Ratio Lower Upper
106 100
91 209.0 144.5 268.3

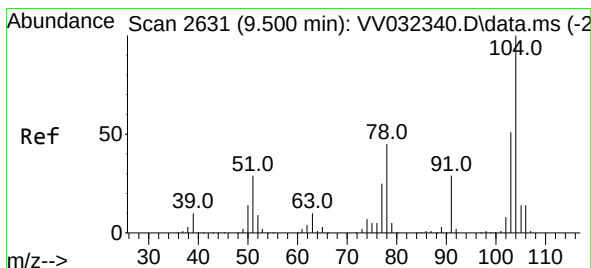
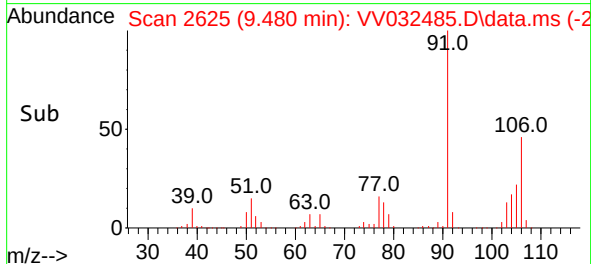
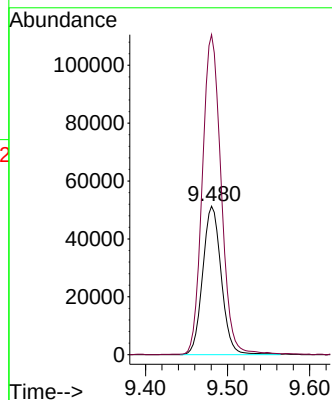
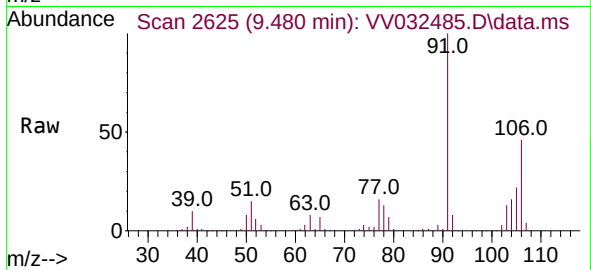




#54
o-Xylene
Concen: 4.675 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

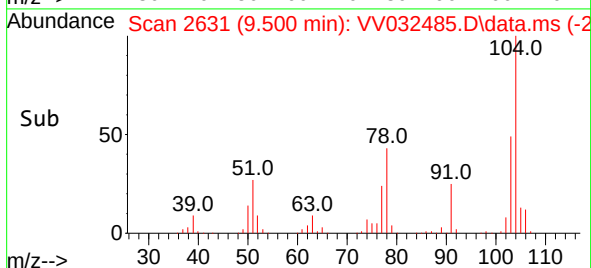
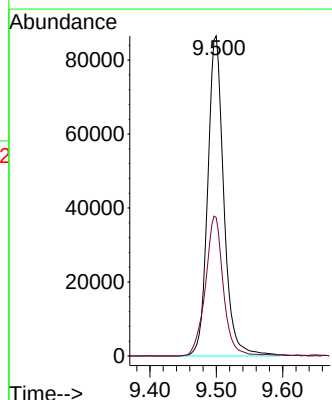
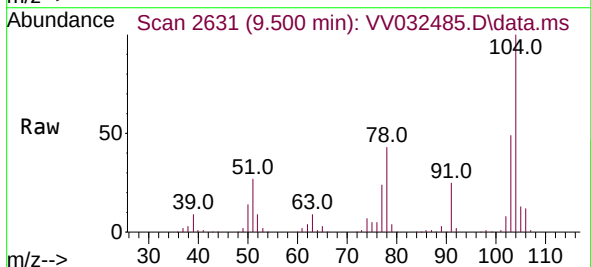
Instrument :
MSVOA_V
ClientSampleId :

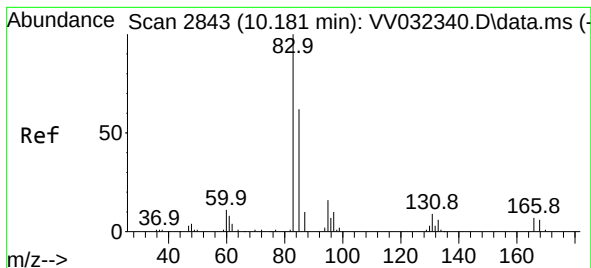
Tgt Ion:106 Resp: 80857
Ion Ratio Lower Upper
106 100
91 215.5 154.8 287.4



#55
Styrene
Concen: 5.006 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Tgt Ion:104 Resp: 146229
Ion Ratio Lower Upper
104 100
78 43.2 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.346 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

Instrument :

MSVOA_V

ClientSampleId :

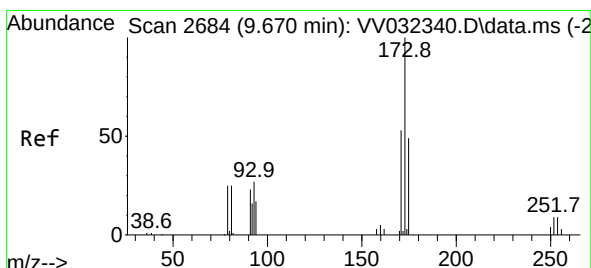
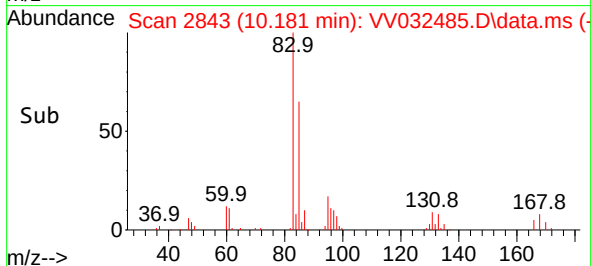
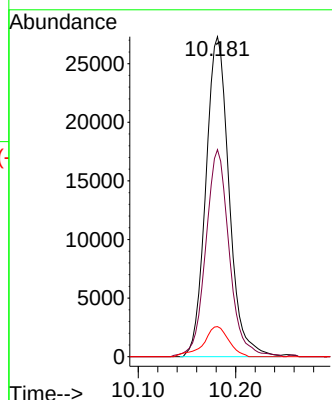
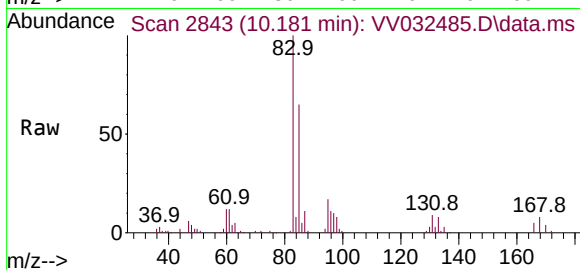
Tgt Ion: 83 Resp: 45242

Ion Ratio Lower Upper

83 100

85 64.7 43.6 81.0

131 9.4 7.0 10.6



#59

Bromoform

Concen: 4.825 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

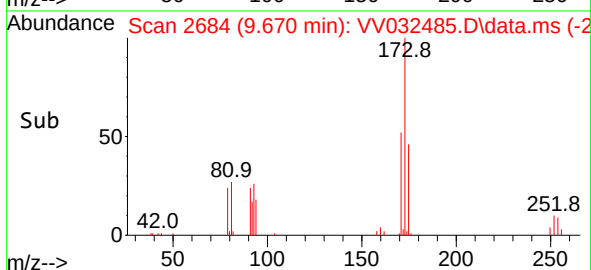
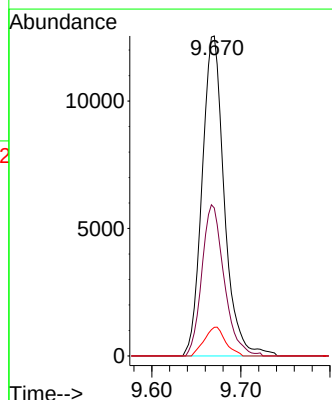
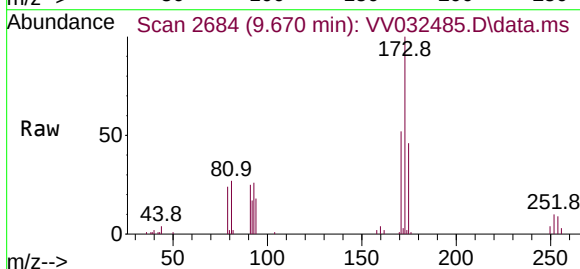
Tgt Ion:173 Resp: 21648

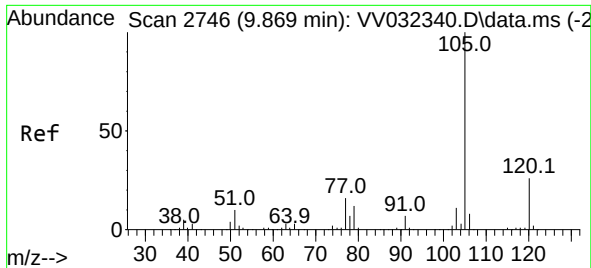
Ion Ratio Lower Upper

173 100

175 47.5 38.2 57.2

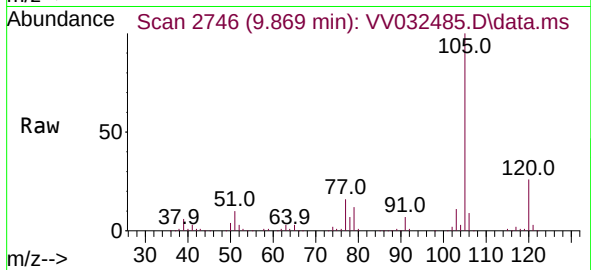
254 8.6 7.0 10.4



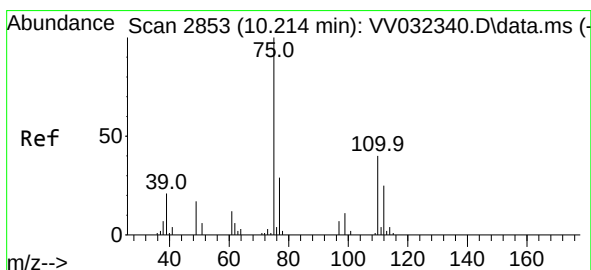
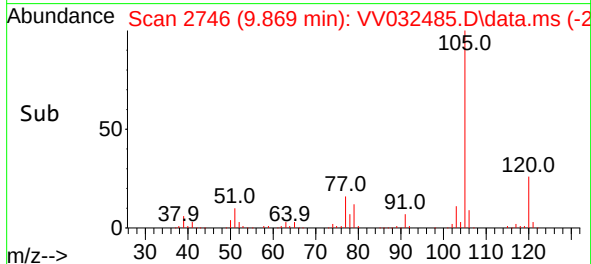
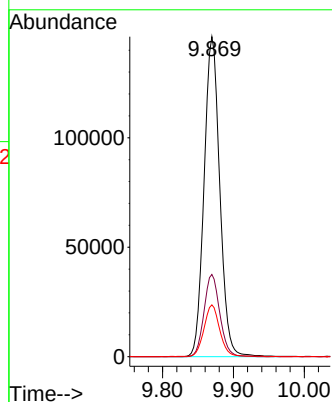


#60
Isopropylbenzene
Concen: 4.688 ug/L
RT: 9.869 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Instrument :
MSVOA_V
ClientSampleId :

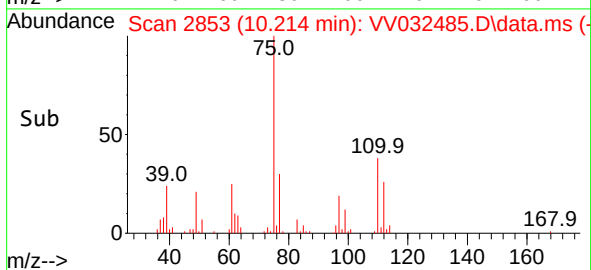
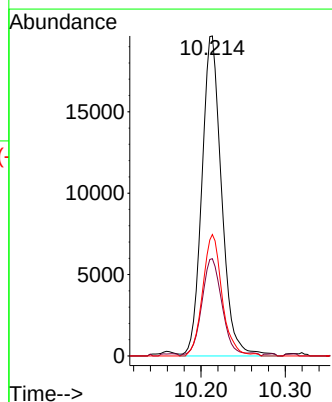
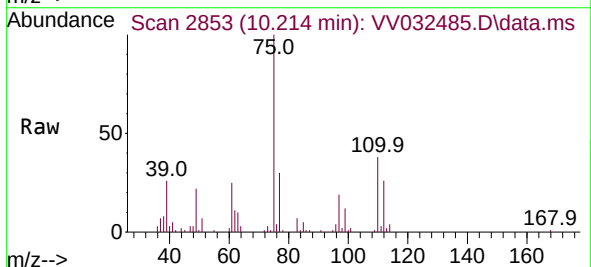


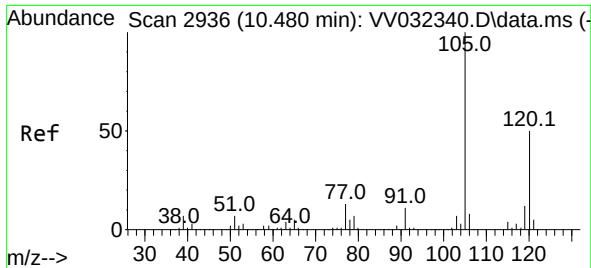
Tgt Ion:105 Resp: 224776
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.886 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Tgt Ion: 75 Resp: 32083
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.2
110 37.1 30.6 46.0

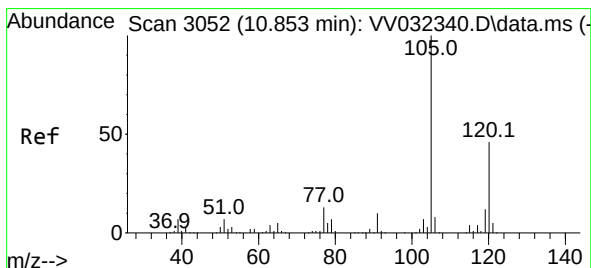
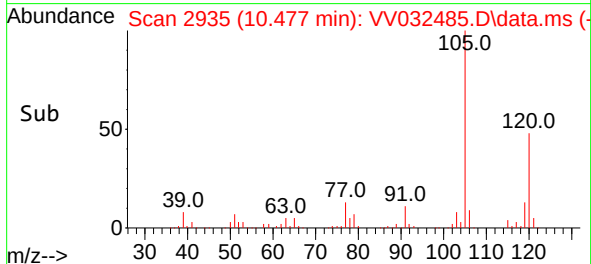
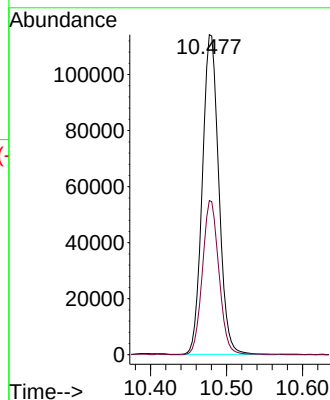
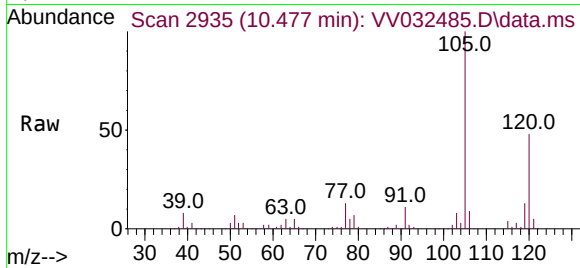




#62
 1,3,5-Trimethylbenzene
 Concen: 4.387 ug/L
 RT: 10.477 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VV032485.D
 Acq: 19 Oct 2023 09:20

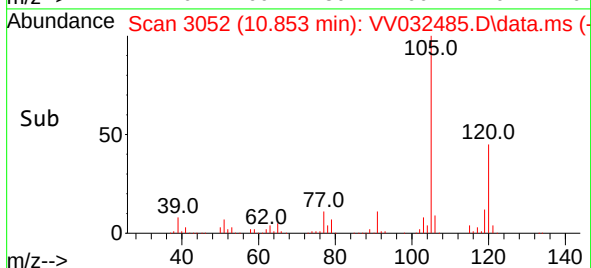
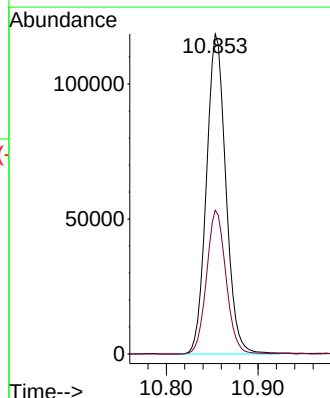
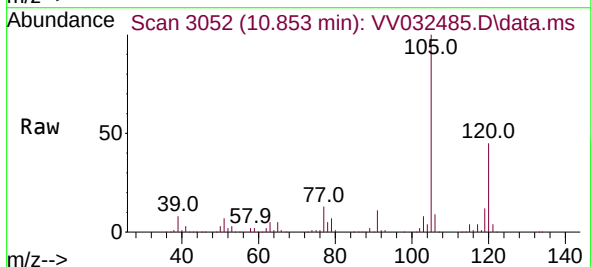
Instrument :
 MSVOA_V
 ClientSampleId :

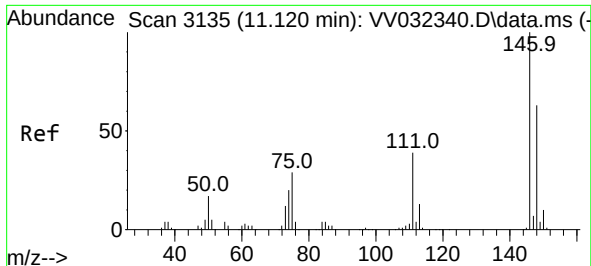
Tgt Ion:105 Resp: 171460
 Ion Ratio Lower Upper
 105 100
 120 48.5 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.484 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: VV032485.D
 Acq: 19 Oct 2023 09:20

Tgt Ion:105 Resp: 174474
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.2 54.4

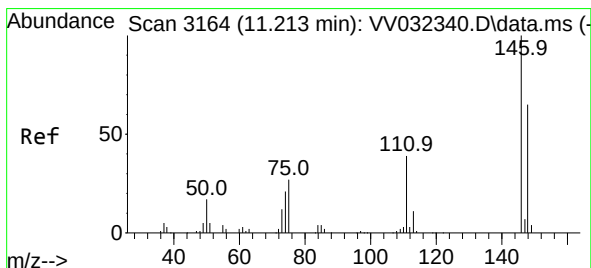
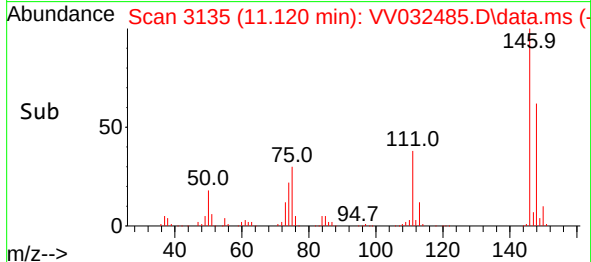
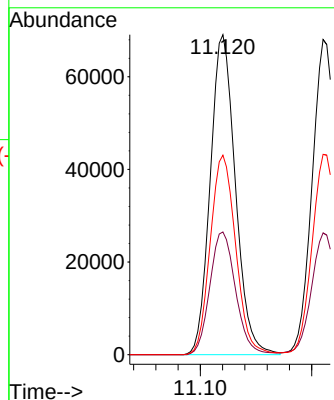
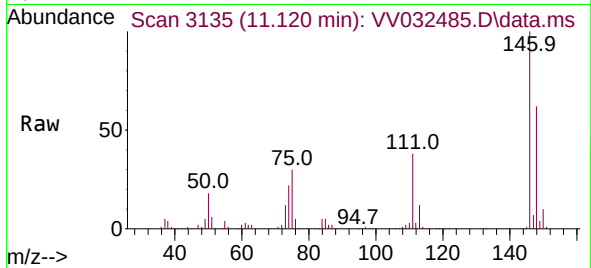




#64
1,3-Dichlorobenzene
Concen: 4.726 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

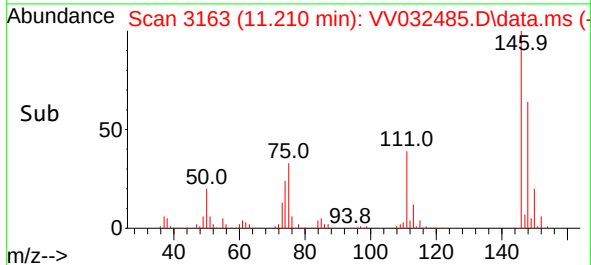
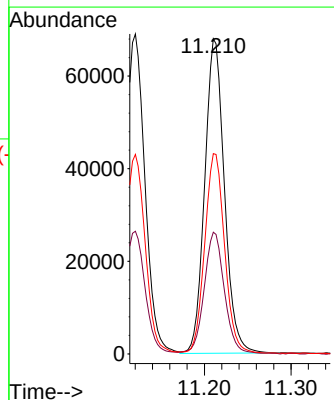
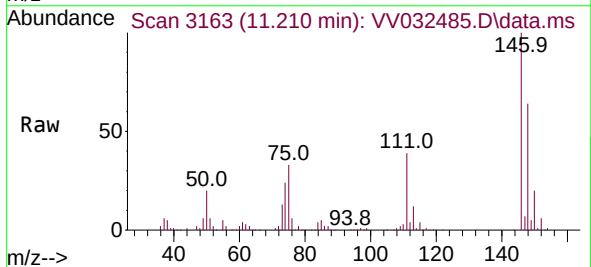
Instrument :
MSVOA_V
ClientSampleId :

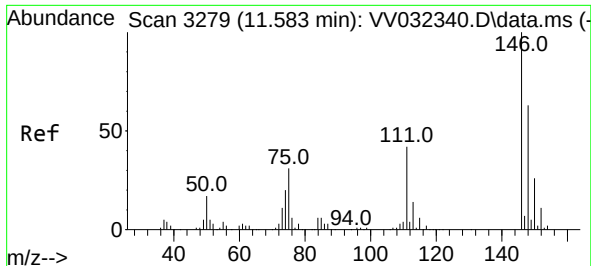
Tgt Ion:146 Resp: 108261
Ion Ratio Lower Upper
146 100
111 38.4 27.8 51.6
148 62.4 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.675 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

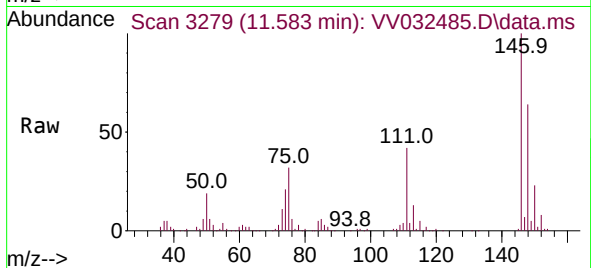
Tgt Ion:146 Resp: 107436
Ion Ratio Lower Upper
146 100
111 38.7 26.9 49.9
148 63.6 44.8 83.2



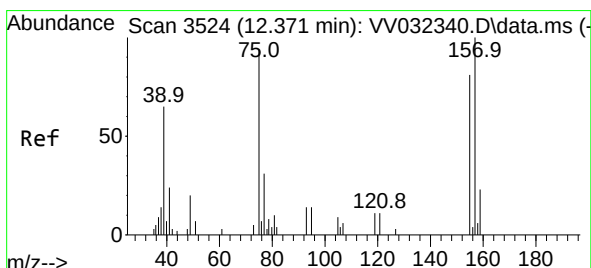
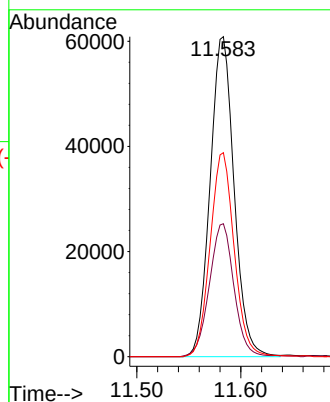
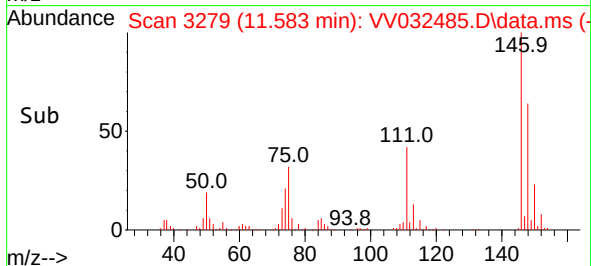


#67
1,2-Dichlorobenzene
Concen: 4.674 ug/L
RT: 11.583 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

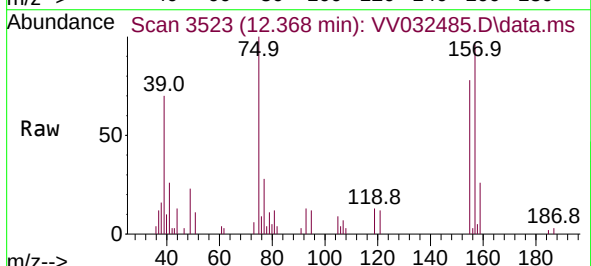
Instrument :
MSVOA_V
ClientSampleId :



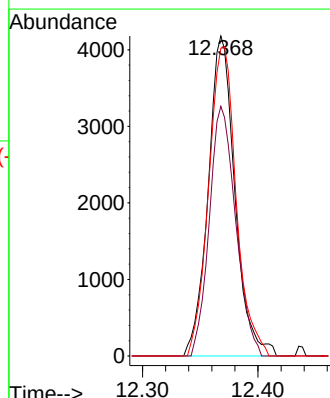
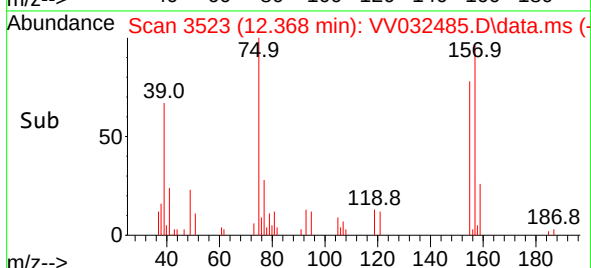
Tgt Ion:146 Resp: 97655
Ion Ratio Lower Upper
146 100
111 41.5 32.8 49.2
148 63.7 51.0 76.4

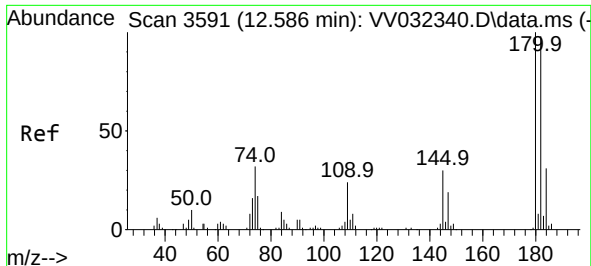


#68
1,2-Dibromo-3-chloropropane
Concen: 5.014 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20



Tgt Ion: 75 Resp: 6727
Ion Ratio Lower Upper
75 100
155 78.0 70.2 105.4
157 96.2 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 4.563 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.000 min

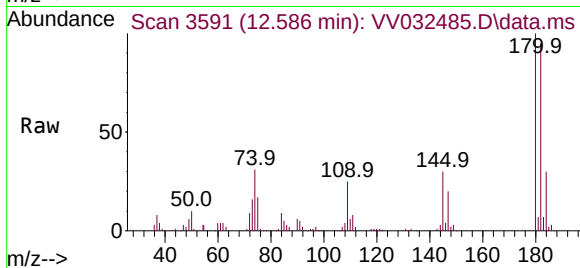
Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 76543

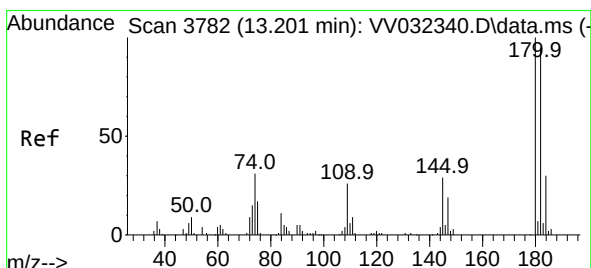
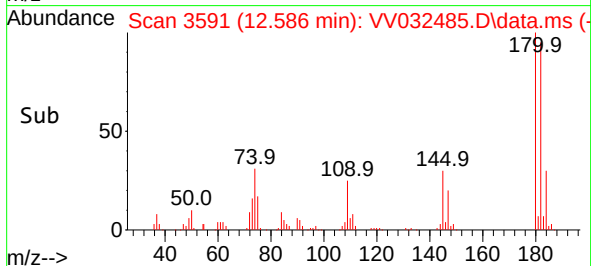
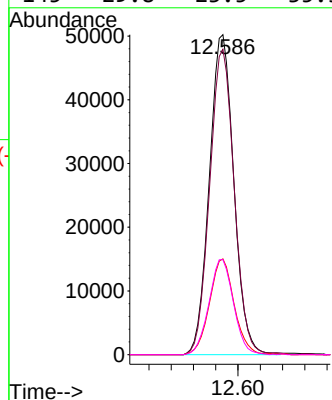
Ion Ratio Lower Upper

180 100

182 95.7 74.6 112.0

184 30.4 24.1 36.1

145 29.8 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.305 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032485.D

Acq: 19 Oct 2023 09:20

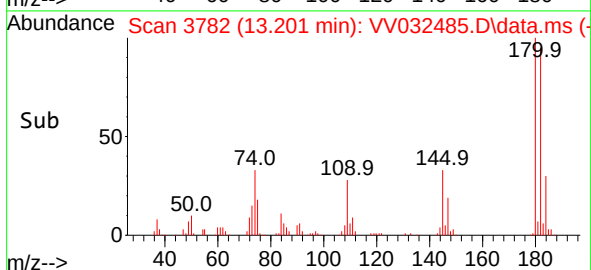
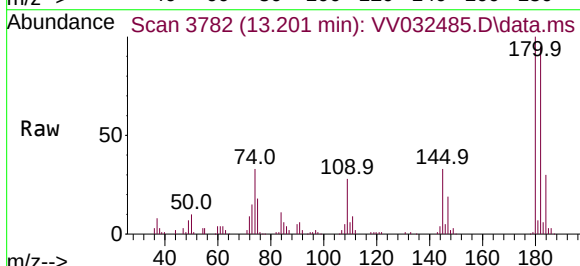
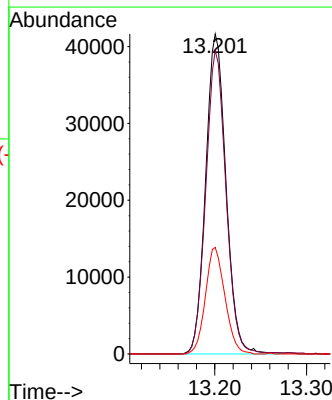
Tgt Ion:180 Resp: 64057

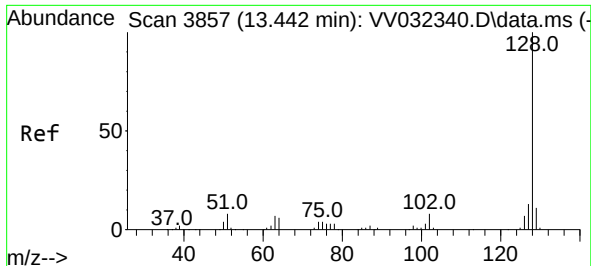
Ion Ratio Lower Upper

180 100

182 94.1 76.5 114.7

145 32.0 24.3 36.5

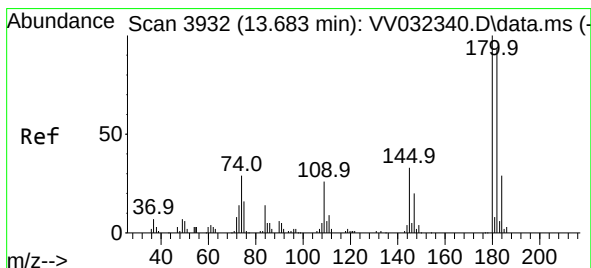
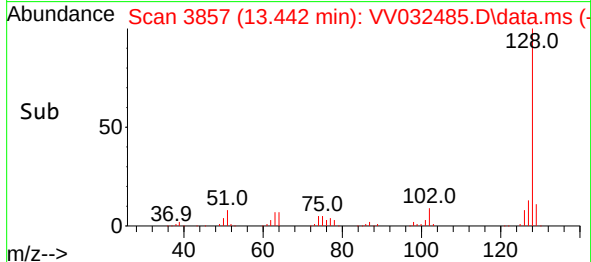
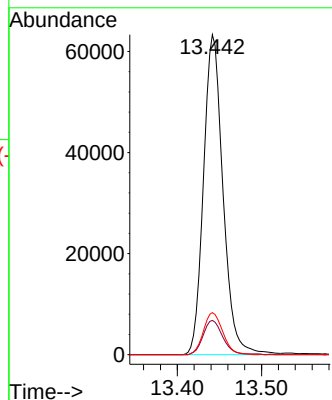
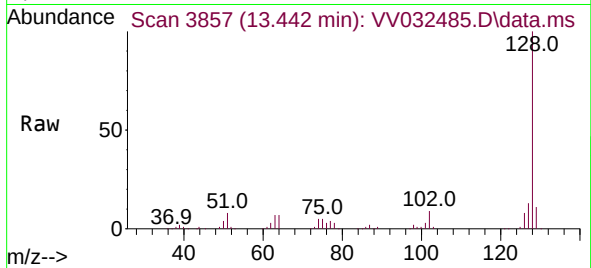




#71
Naphthalene
Concen: 4.042 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 102171
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.542 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032485.D
Acq: 19 Oct 2023 09:20

Tgt Ion:180 Resp: 58232
Ion Ratio Lower Upper
180 100
182 96.5 77.0 115.4
145 33.2 25.7 38.5

