

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032619.D
 Acq On : 25 Oct 2023 03:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 08:38:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 08:15:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	94456	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	107038	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39030	5.081	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.532	69	35429	5.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.600%
11) 1,1-Dichloroethene-d2	2.059	65	15574	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	3.809	46	88809	45.700	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.400%
24) Chloroform-d	4.252	84	68912	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	4.947	65	34175	5.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.963	84	133843	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.992	67	39543	3.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.800%
41) Toluene-d8	7.246	98	135598	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.558	79	16561	4.479	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.027	63	78134	44.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35832	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	47314	4.625	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	49260	4.680	ug/L	100
3) Chloromethane	1.217	50	48071	4.530	ug/L	97
5) Vinyl chloride	1.281	62	49473	4.888	ug/L	100
6) Bromomethane	1.490	94	29858	4.884	ug/L	96
8) Chloroethane	1.551	64	33685	5.529	ug/L	99
9) Trichlorofluoromethane	1.715	101	68694	5.660	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	37790	5.139	ug/L	98
12) 1,1-Dichloroethene	2.069	96	34527	4.984	ug/L	99
13) Acetone	2.133	43	68406	45.671	ug/L	93
14) Carbon disulfide	2.243	76	97647	4.032	ug/L	99
15) Methyl Acetate	2.387	43	14262	4.230	ug/L #	91
16) Methylene chloride	2.449	84	43008	4.762	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	86386	4.581	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	34692	4.372	ug/L	98
19) 1,1-Dichloroethane	3.114	63	69037	4.625	ug/L	97
21) 2-Butanone	3.886	43	97582	41.662	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	38214	4.473	ug/L	98
23) Bromochloromethane	4.153	128	17879	4.974	ug/L	95
25) Chloroform	4.278	83	74980	5.120	ug/L	99

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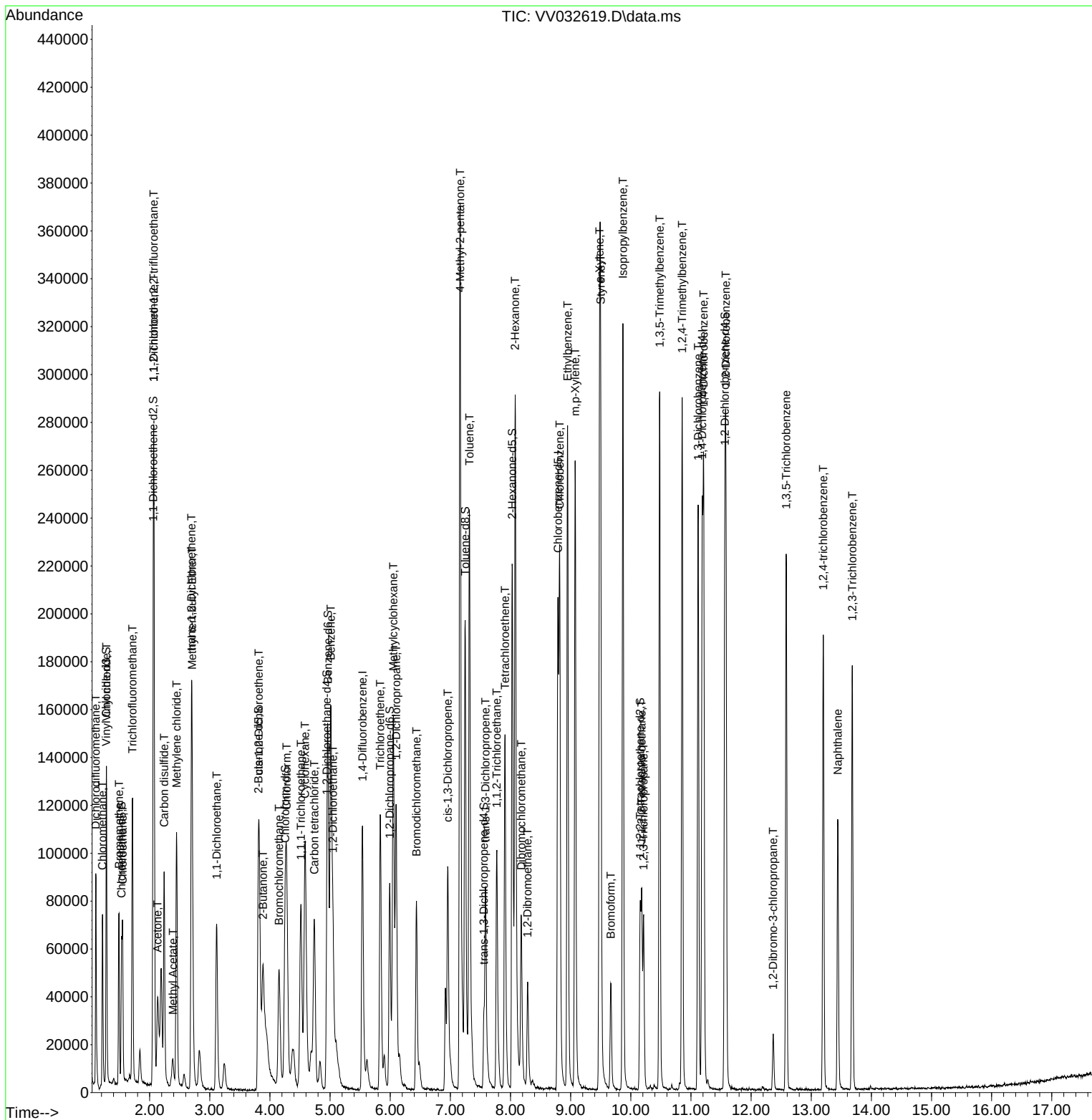
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 ClientSampleId :

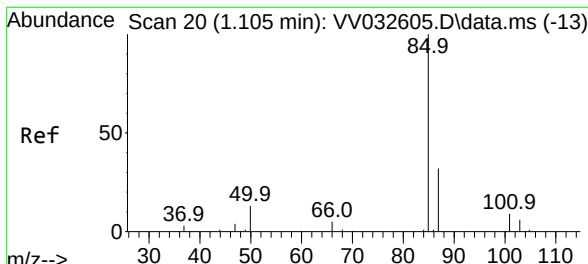
Quant Time: Oct 25 08:38:26 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.046	62	46490	5.373	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	62365	4.285	ug/L	97
30) Cyclohexane	4.583	56	50839	3.179	ug/L	96
31) Carbon tetrachloride	4.738	117	53084	4.311	ug/L	98
33) Benzene	5.011	78	157343	4.175	ug/L	100
34) Trichloroethene	5.834	95	40231	3.911	ug/L	97
35) Methylcyclohexane	6.053	83	57418	3.607	ug/L	98
37) 1,2-Dichloropropane	6.098	63	42535	4.220	ug/L	99
38) Bromodichloromethane	6.435	83	52727	4.403	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	58949	4.110	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	271051	42.498	ug/L	99
42) Toluene	7.316	91	184133	4.583	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	50574	4.290	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	32856	4.621	ug/L	97
47) Tetrachloroethene	7.908	164	33411	4.283	ug/L	97
48) 2-Hexanone	8.079	43	195271	43.394	ug/L	98
49) Dibromochloromethane	8.178	129	36714	4.960	ug/L	94
50) 1,2-Dibromoethane	8.284	107	30541	4.542	ug/L	93
51) Chlorobenzene	8.818	112	117743	4.552	ug/L	98
52) Ethylbenzene	8.950	91	194666	4.352	ug/L	99
53) m,p-Xylene	9.075	106	73961	4.458	ug/L	99
54) o-Xylene	9.480	106	70020	4.380	ug/L	99
55) Styrene	9.500	104	125099	4.633	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	38738	4.952	ug/L	98
59) Bromoform	9.667	173	19551	4.877	ug/L	99
60) Isopropylbenzene	9.869	105	193123	4.507	ug/L	98
61) 1,2,3-Trichloropropane	10.213	75	27562	4.697	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	148630	4.256	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	152167	4.377	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	94098	4.597	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	94480	4.601	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	86494	4.633	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5606	4.676	ug/L	86
69) 1,3,5-Trichlorobenzene	12.583	180	65226	4.351	ug/L	100
70) 1,2,4-trichlorobenzene	13.200	180	53554	4.028	ug/L	99
71) Naphthalene	13.442	128	85301	3.777	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	49504	4.321	ug/L	98

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

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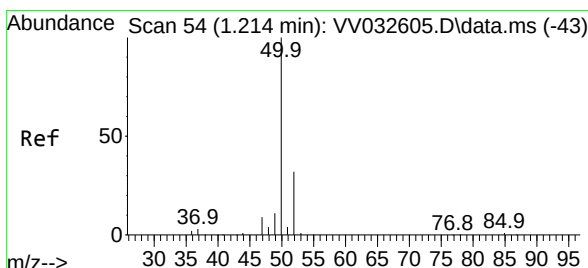
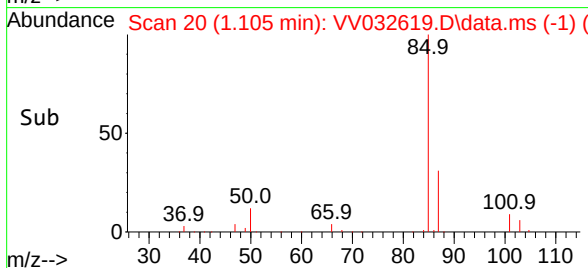
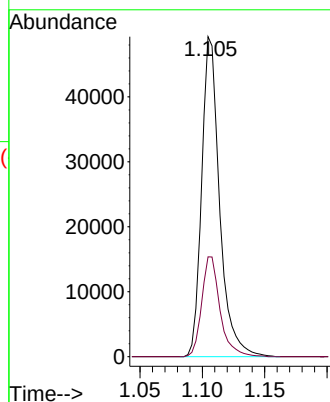
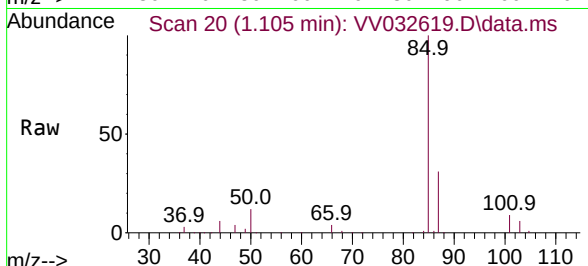




#2
 Dichlorodifluoromethane
 Concen: 4.680 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

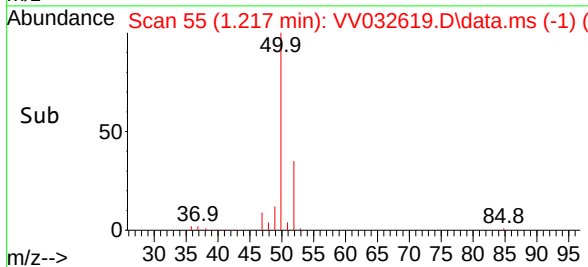
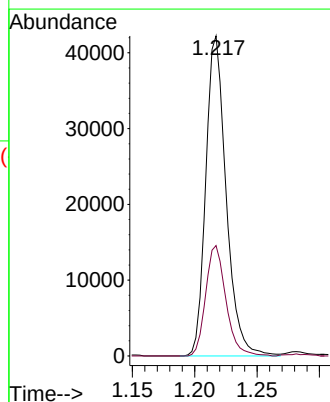
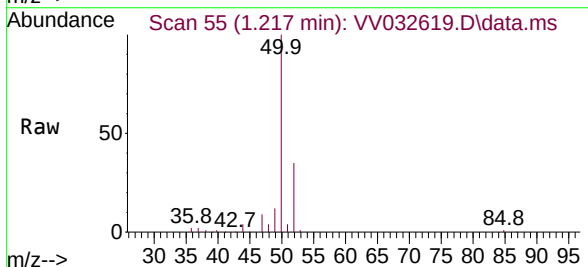
Instrument :
 MSVOA_V
 ClientSampleId :

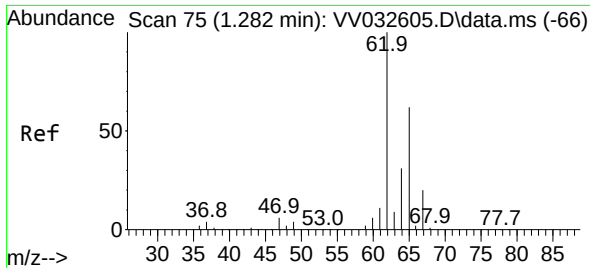
Tgt Ion: 85 Resp: 49260
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 4.530 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

Tgt Ion: 50 Resp: 48071
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.0 42.6





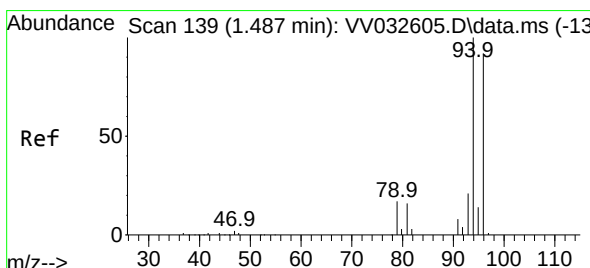
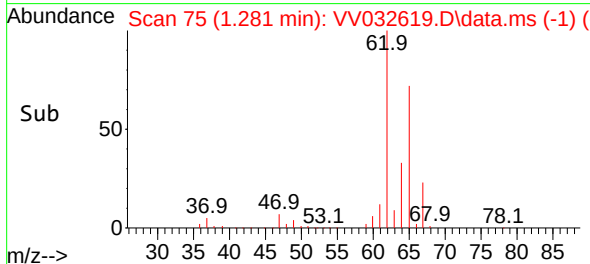
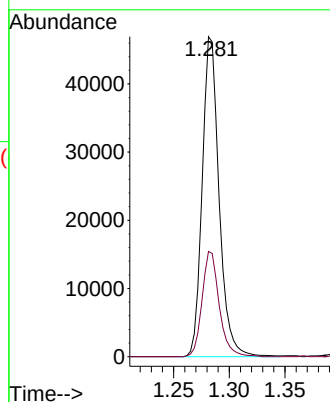
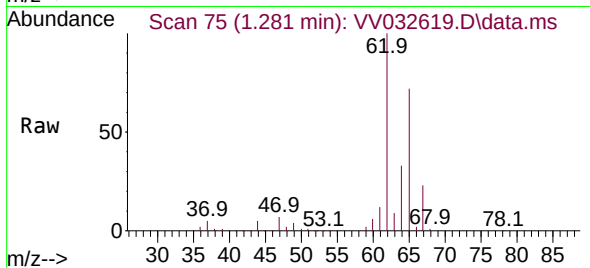
#5
 Vinyl chloride
 Concen: 4.888 ug/L
 RT: 1.281 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

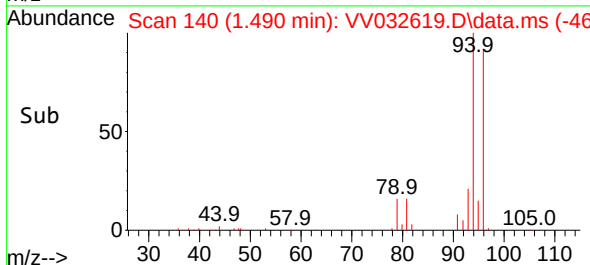
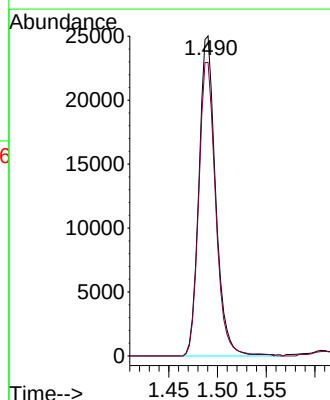
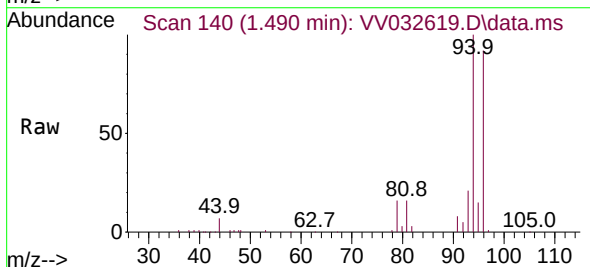
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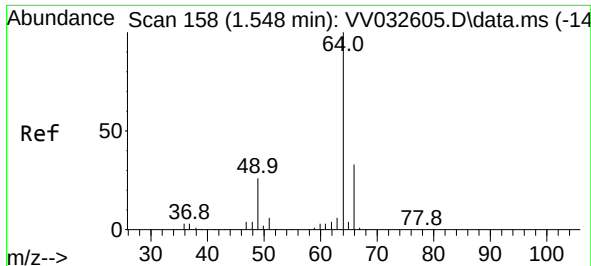
Tgt Ion: 62 Resp: 49473
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 4.884 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

Tgt Ion: 94 Resp: 29858
 Ion Ratio Lower Upper
 94 100
 96 91.8 66.8 124.2





#8

Chloroethane

Concen: 5.529 ug/L

RT: 1.551 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

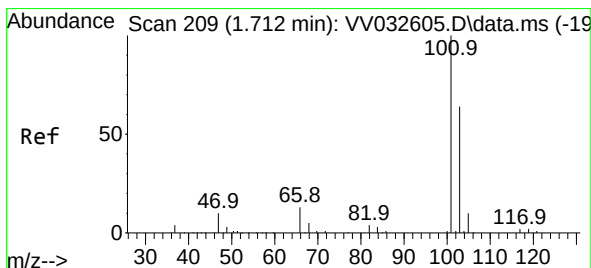
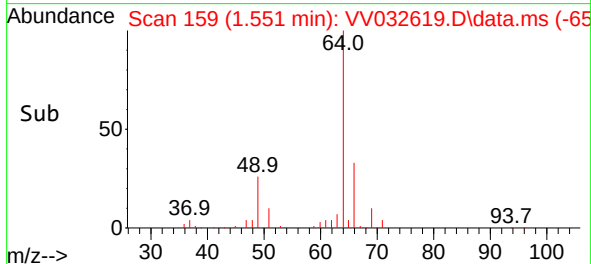
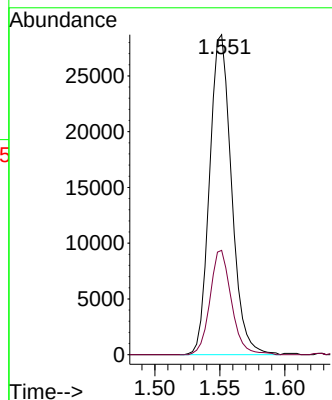
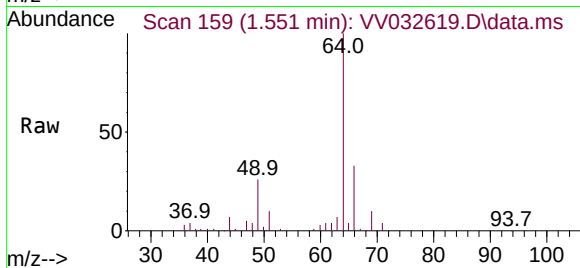
ClientSampleId :

Tgt Ion: 64 Resp: 33685

Ion Ratio Lower Upper

64 100

66 32.6 22.6 42.0



#9

Trichlorofluoromethane

Concen: 5.660 ug/L

RT: 1.715 min Scan# 210

Delta R.T. 0.003 min

Lab File: VV032619.D

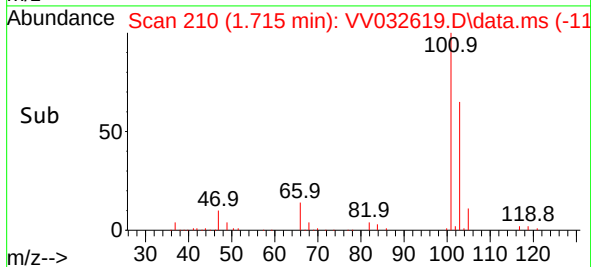
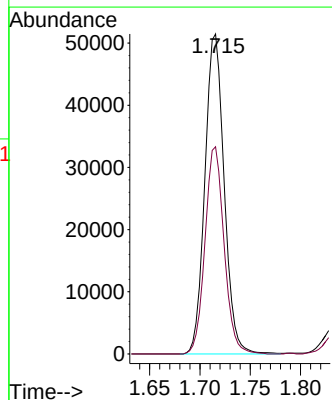
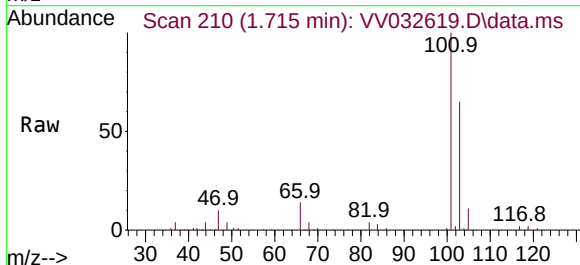
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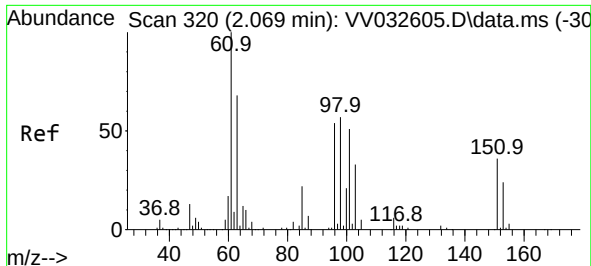
Tgt Ion:101 Resp: 68694

Ion Ratio Lower Upper

101 100

103 64.0 51.4 77.2

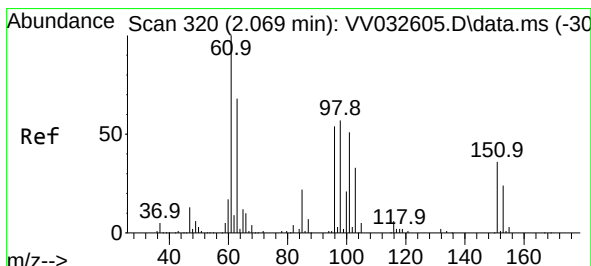
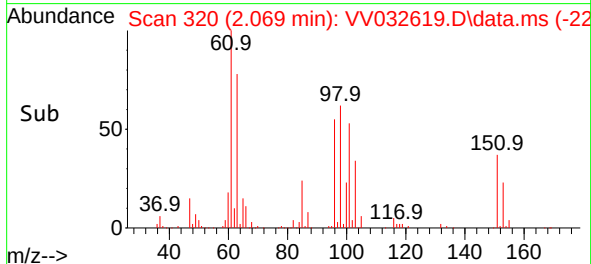
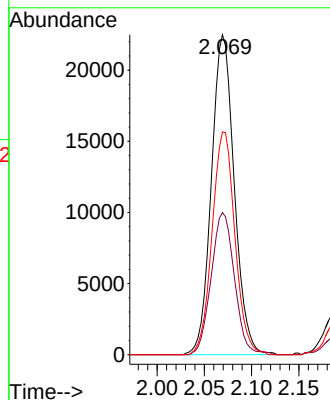
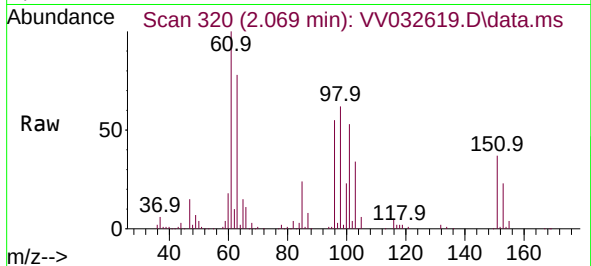




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.139 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

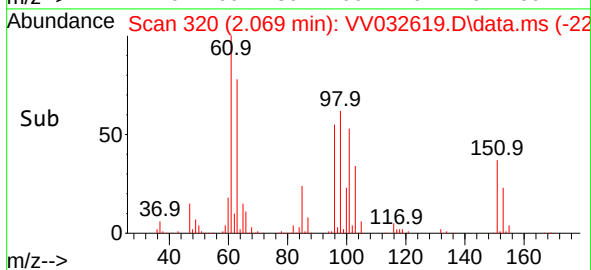
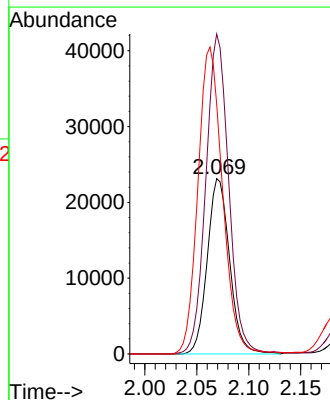
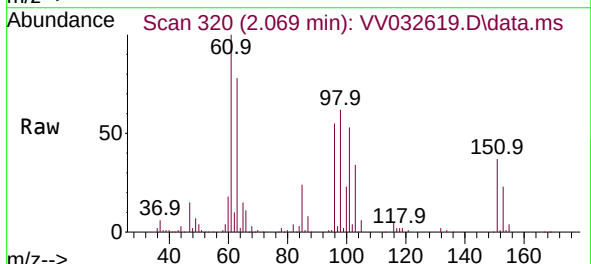
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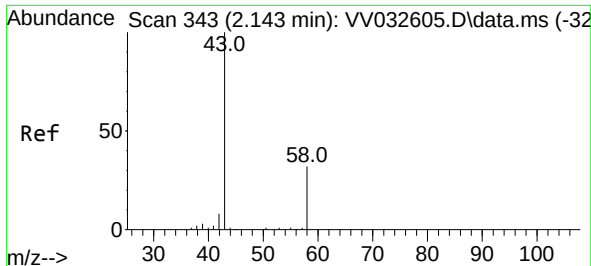
Tgt Ion:101 Resp: 37790
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.0 52.6
 151 69.6 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 4.984 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

Tgt Ion: 96 Resp: 34527
 Ion Ratio Lower Upper
 96 100
 61 182.5 127.3 236.3
 63 142.5 98.3 182.7





#13

Acetone

Concen: 45.671 ug/L

RT: 2.133 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

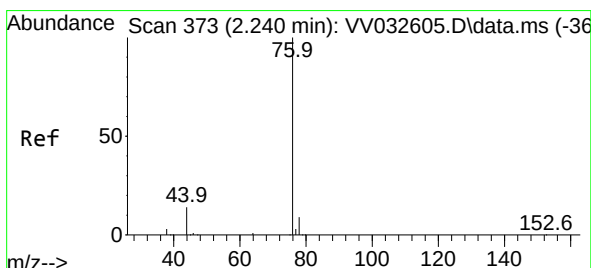
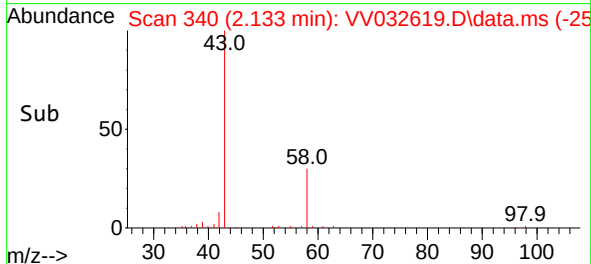
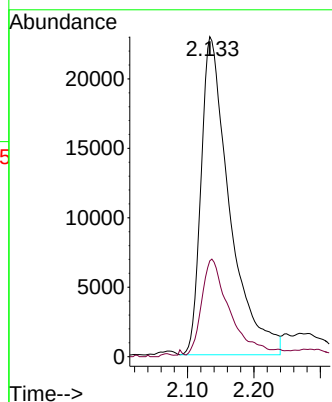
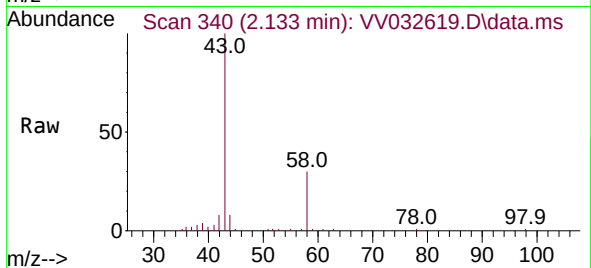
ClientSampleId :

Tgt Ion: 43 Resp: 68406

Ion Ratio Lower Upper

43 100

58 29.1 0.0 66.0



#14

Carbon disulfide

Concen: 4.032 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032619.D

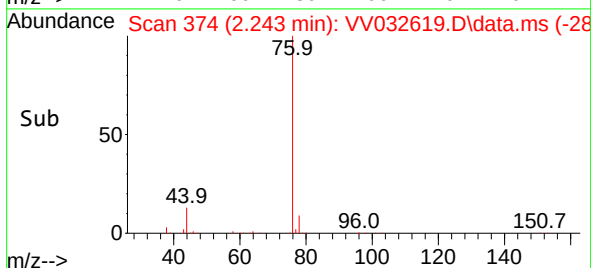
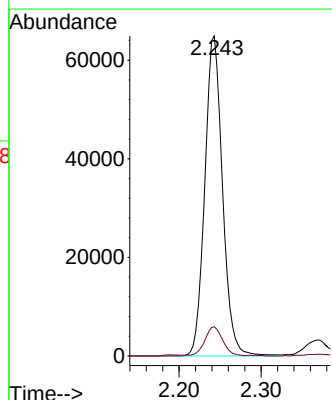
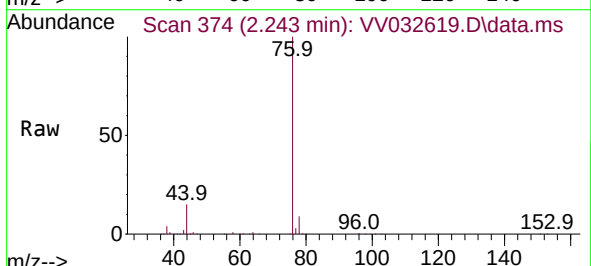
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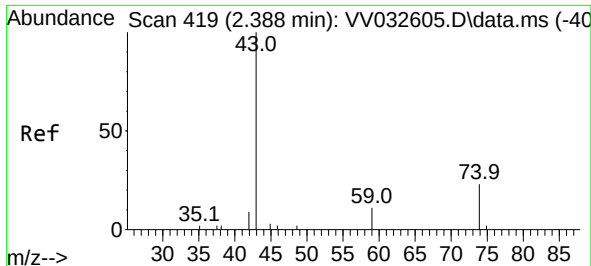
Tgt Ion: 76 Resp: 97647

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

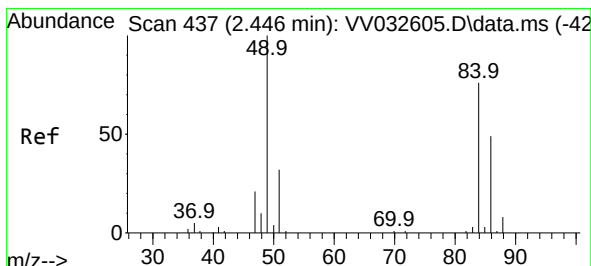
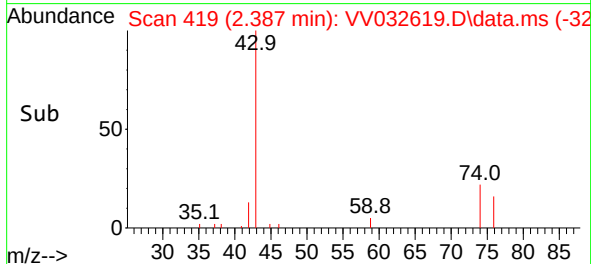
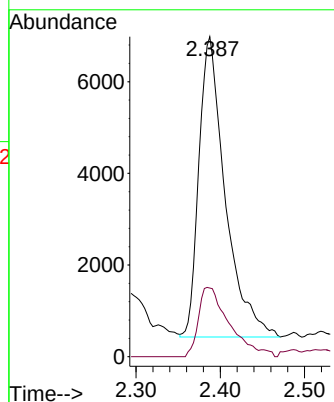
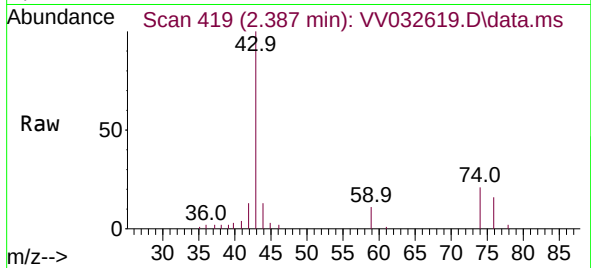




#15
Methyl Acetate
Concen: 4.230 ug/L
RT: 2.387 min Scan# 419
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

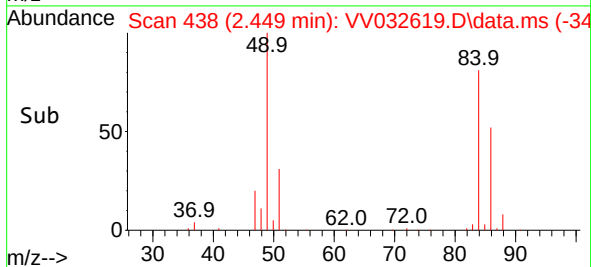
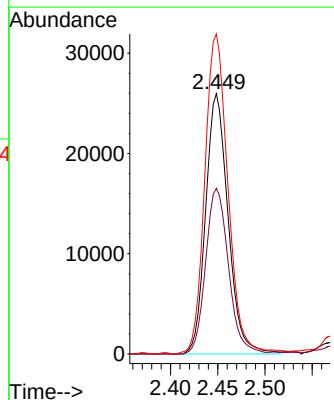
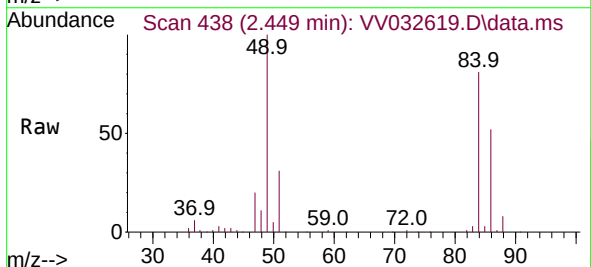
Instrument :
MSVOA_V
ClientSampleId :

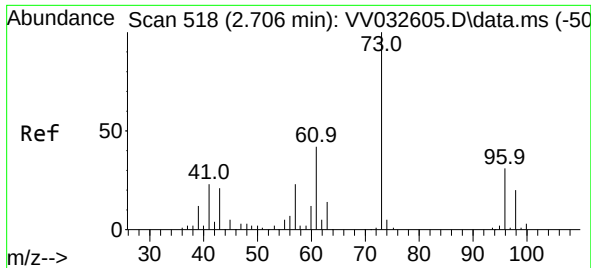
Tgt Ion: 43 Resp: 14262
Ion Ratio Lower Upper
43 100
74 27.0 18.0 27.0#



#16
Methylene chloride
Concen: 4.762 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

Tgt Ion: 84 Resp: 43008
Ion Ratio Lower Upper
84 100
86 63.6 43.2 80.2
49 122.9 86.3 160.3

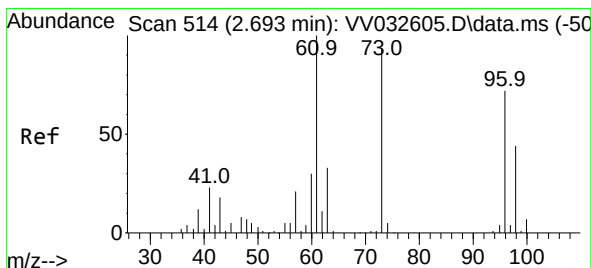
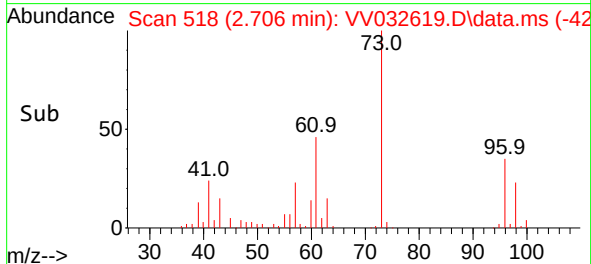
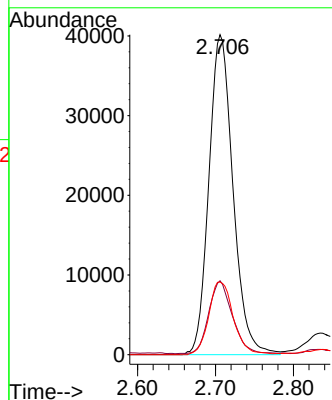
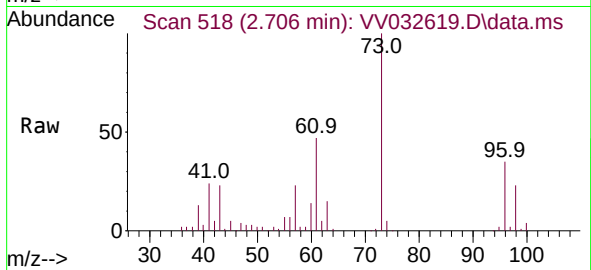




#17
Methyl tert-butyl Ether
Concen: 4.581 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

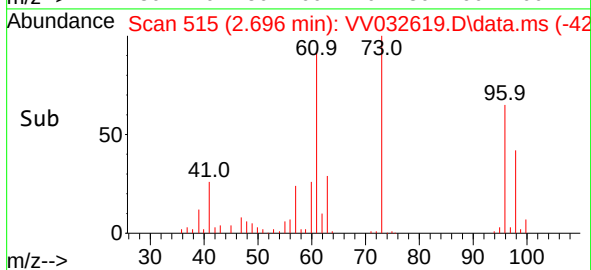
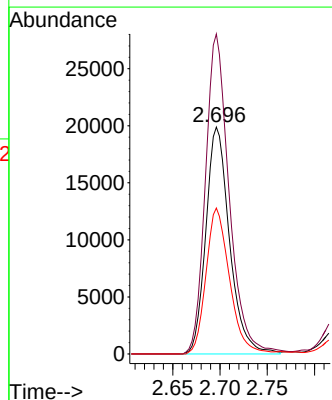
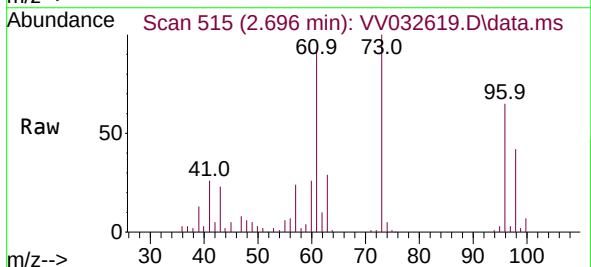
Instrument :
MSVOA_V
ClientSampleId :

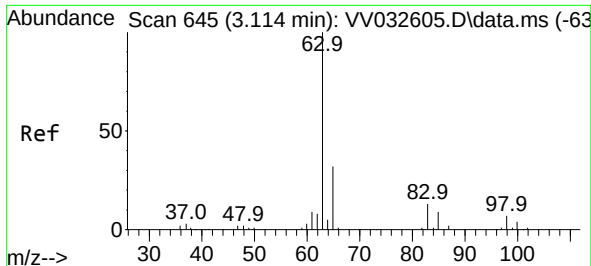
Tgt Ion: 73	Resp: 86386
Ion Ratio	Lower Upper
73 100	
43 22.3	15.1 22.7
57 23.3	18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.372 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

Tgt Ion: 96	Resp: 34692
Ion Ratio	Lower Upper
96 100	
61 141.0	96.9 180.1
98 64.3	45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.625 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

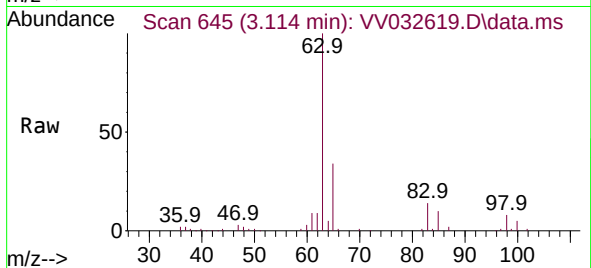
Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

ClientSampleId :



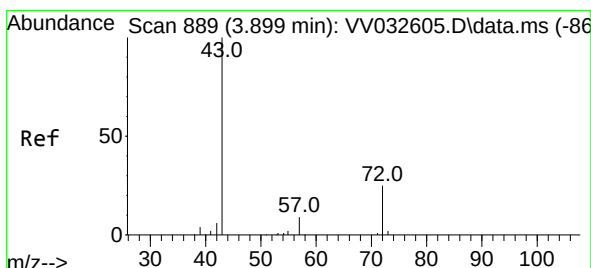
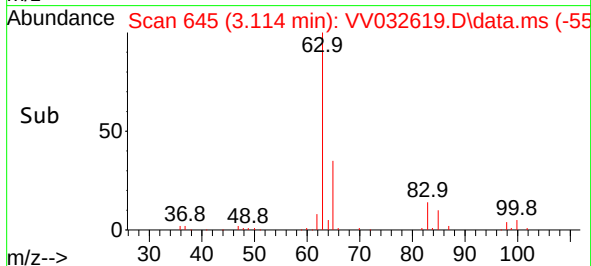
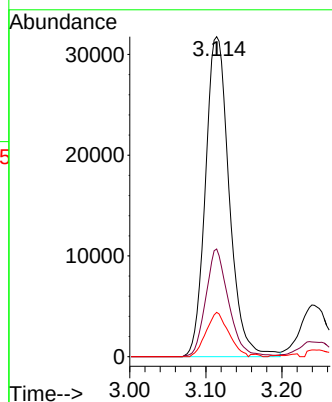
Tgt Ion: 63 Resp: 69037

Ion Ratio Lower Upper

63 100

65 33.7 22.3 41.5

83 13.9 9.0 16.6



#21

2-Butanone

Concen: 41.662 ug/L

RT: 3.886 min Scan# 885

Delta R.T. -0.013 min

Lab File: VV032619.D

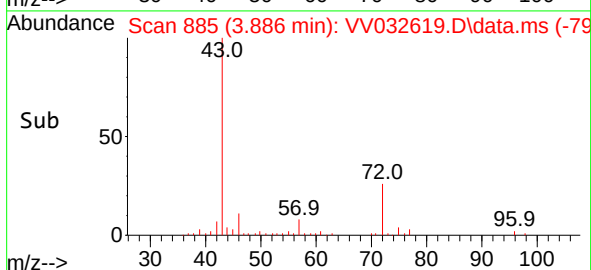
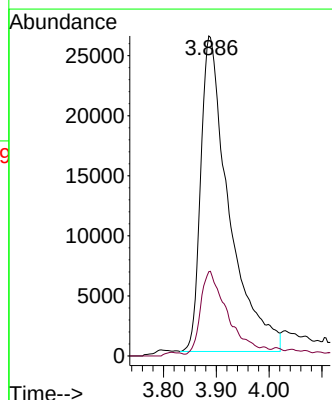
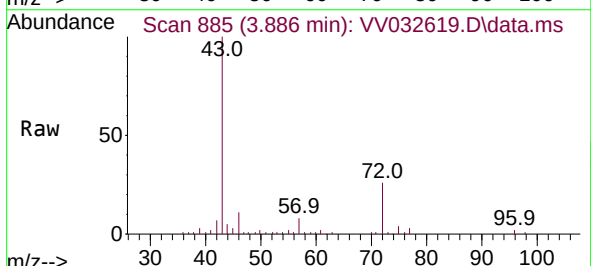
Acq: 25 Oct 2023 03:25

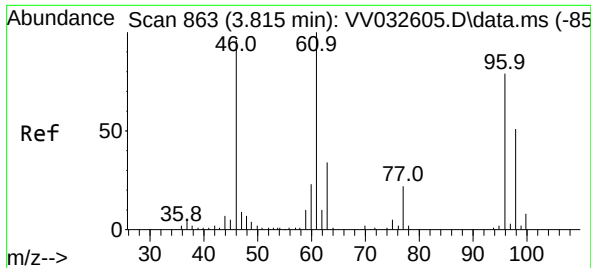
Tgt Ion: 43 Resp: 97582

Ion Ratio Lower Upper

43 100

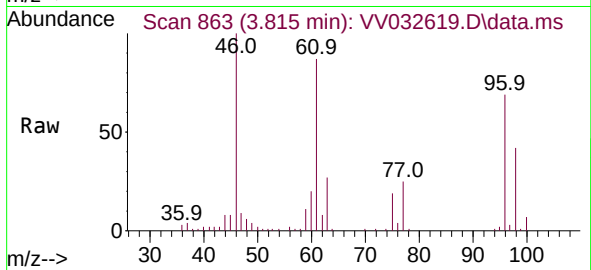
72 24.7 11.6 34.8





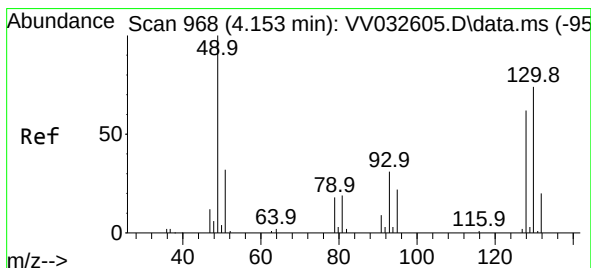
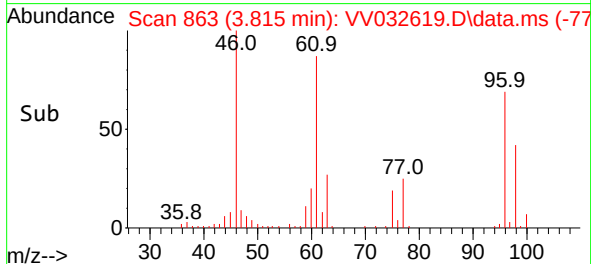
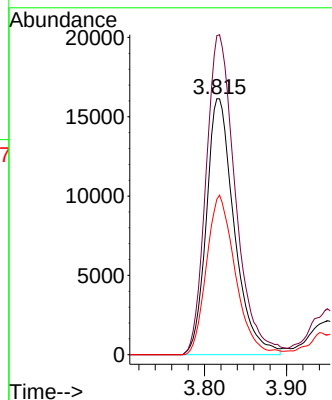
#22
 cis-1,2-Dichloroethene
 Concen: 4.473 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 38214

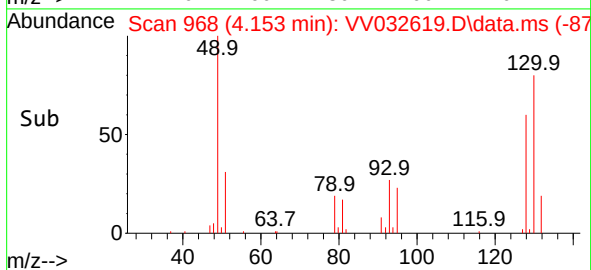
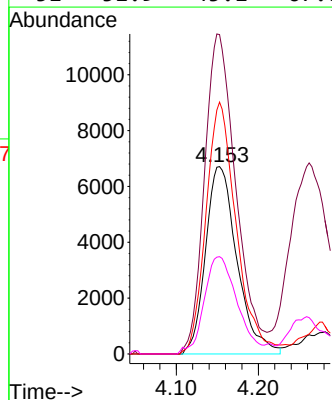
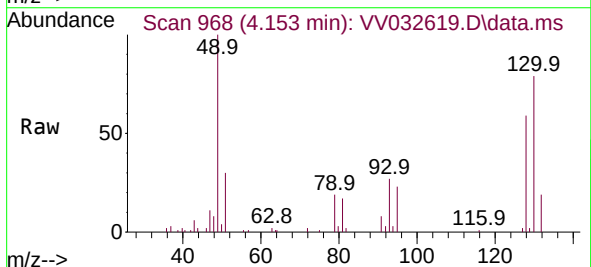
Ion	Ratio	Lower	Upper
96	100		
61	124.7	85.8	159.4
98	60.7	44.0	81.6

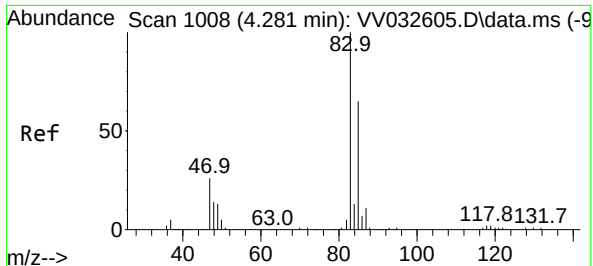


#23
 Bromochloromethane
 Concen: 4.974 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

Tgt Ion: 128 Resp: 17879

Ion	Ratio	Lower	Upper
128	100		
49	170.4	121.2	225.0
130	134.4	88.2	163.8
51	51.9	45.1	67.7





#25

Chloroform

Concen: 5.120 ug/L

RT: 4.278 min Scan# 1008

Delta R.T. -0.003 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

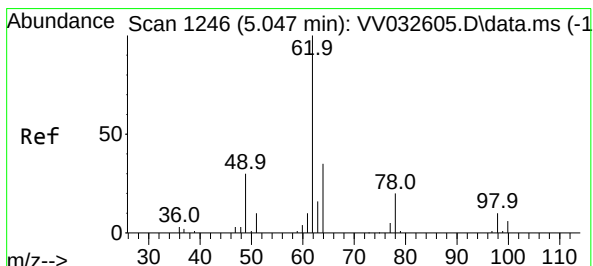
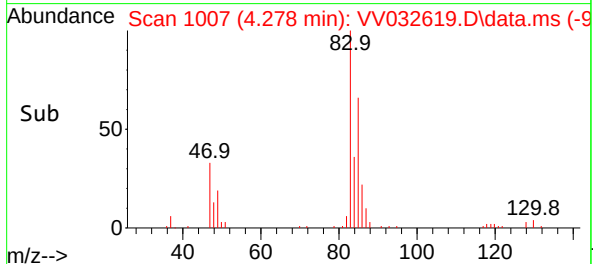
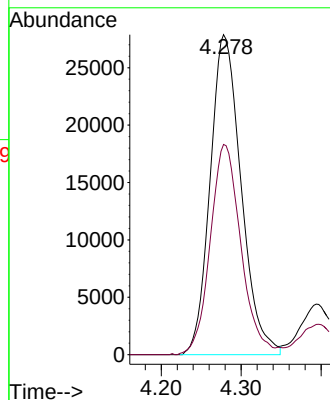
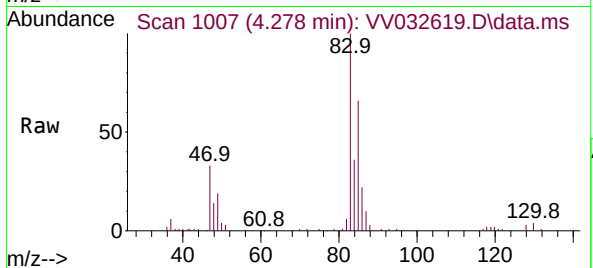
ClientSampleId :

Tgt Ion: 83 Resp: 74980

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.373 ug/L

RT: 5.046 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VV032619.D

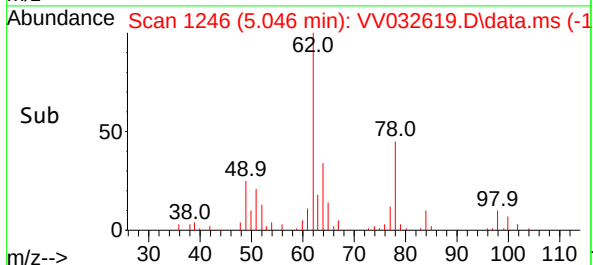
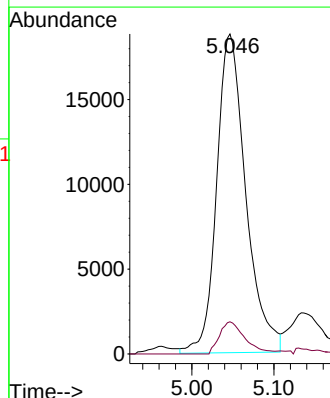
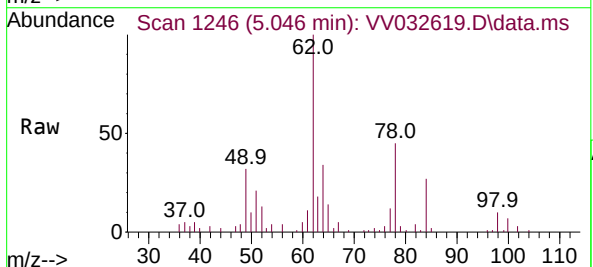
Acq: 25 Oct 2023 03:25

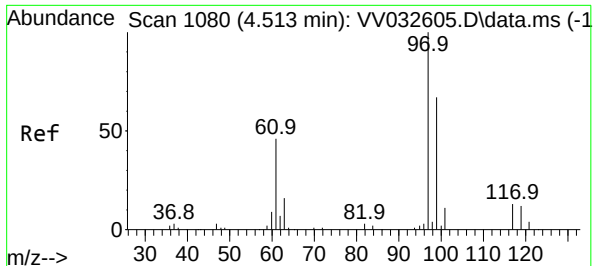
Tgt Ion: 62 Resp: 46490

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.285 ug/L

RT: 4.516 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

ClientSampleId :

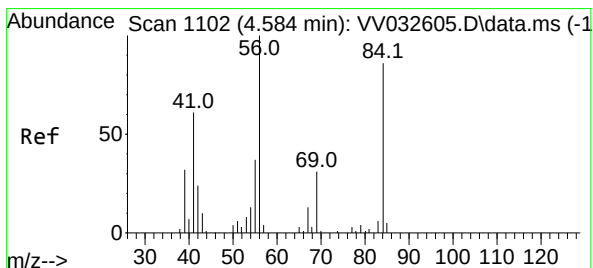
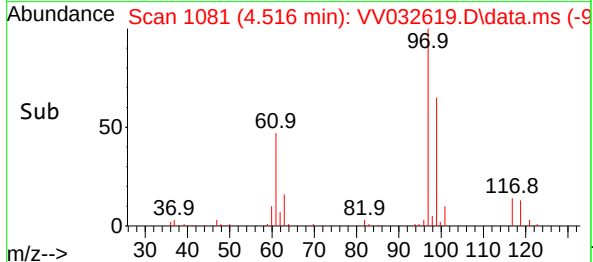
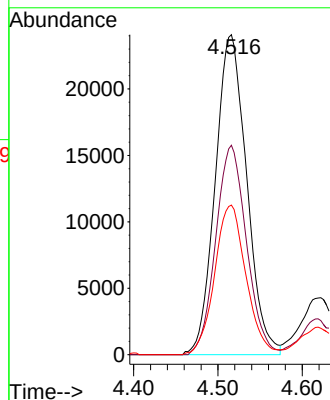
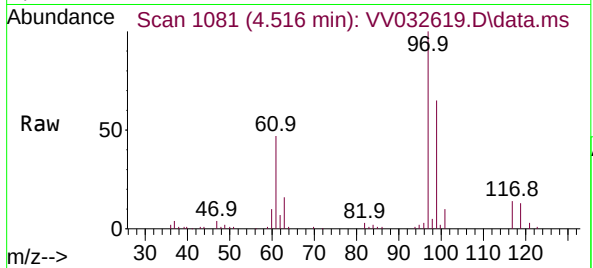
Tgt Ion: 97 Resp: 62365

Ion Ratio Lower Upper

97 100

99 64.1 50.1 75.1

61 46.9 35.1 52.7



#30

Cyclohexane

Concen: 3.179 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

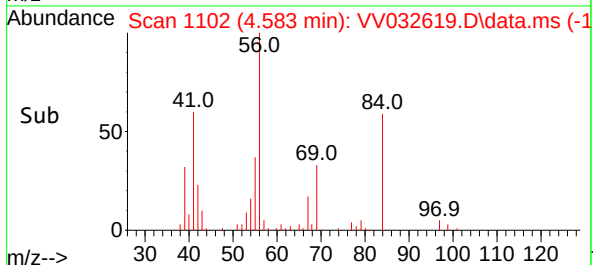
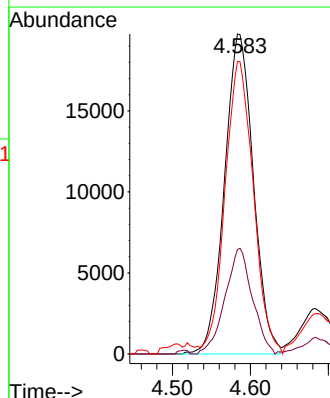
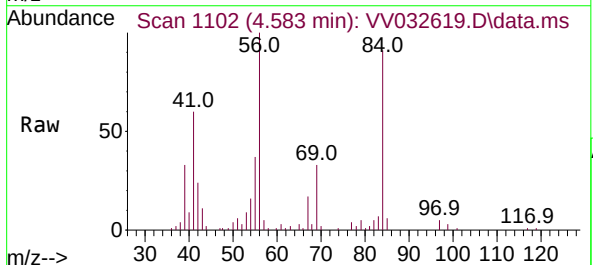
Tgt Ion: 56 Resp: 50839

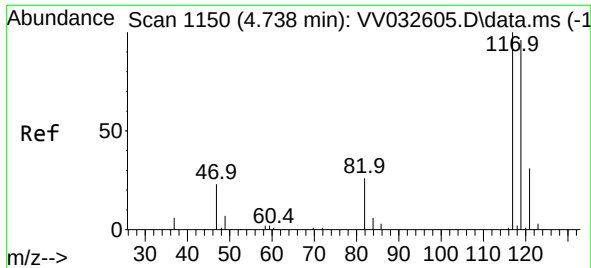
Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.2

84 89.6 68.1 102.1

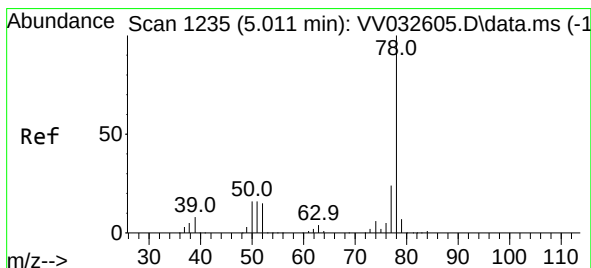
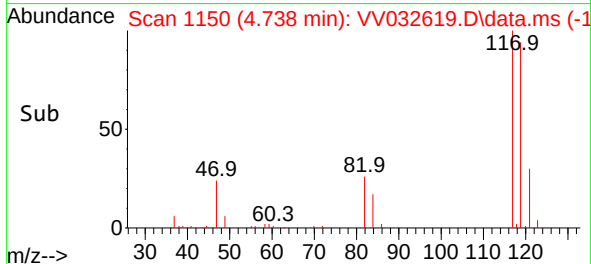
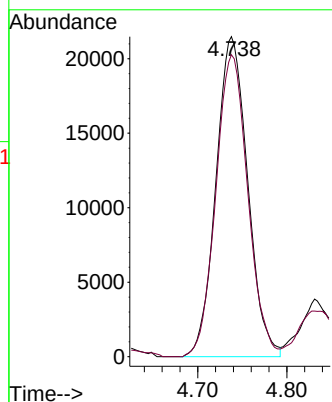
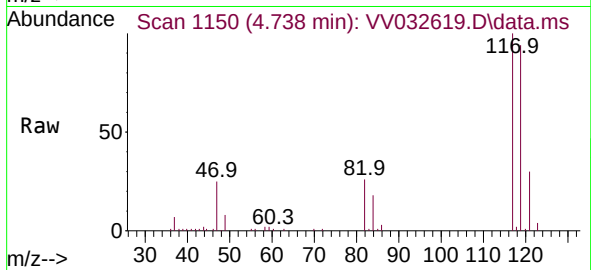




#31
Carbon tetrachloride
Concen: 4.311 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

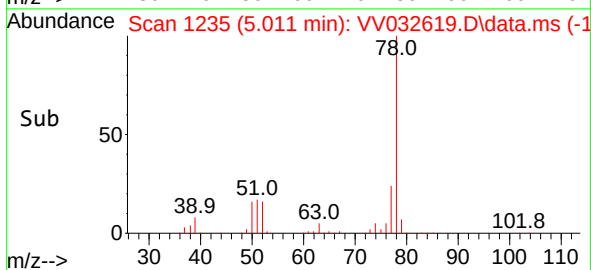
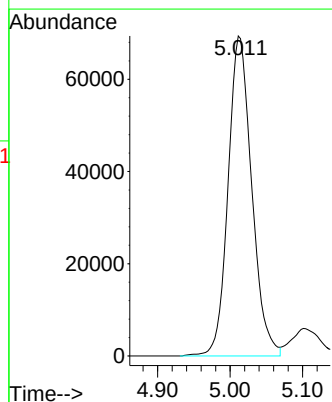
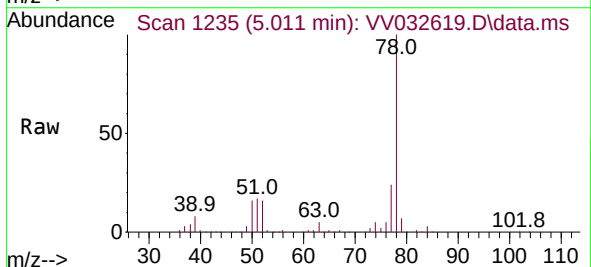
Instrument :
MSVOA_V
ClientSampleId :

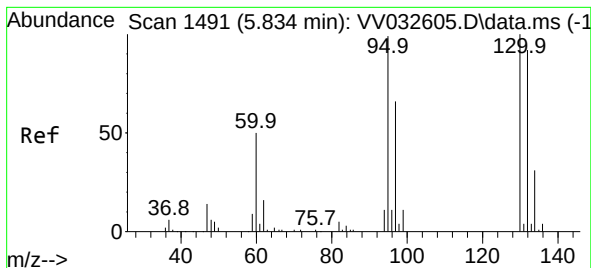
Tgt Ion:117 Resp: 53084
Ion Ratio Lower Upper
117 100
119 95.2 77.6 116.4



#33
Benzene
Concen: 4.175 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

Tgt Ion: 78 Resp: 157343





#34

Trichloroethene

Concen: 3.911 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

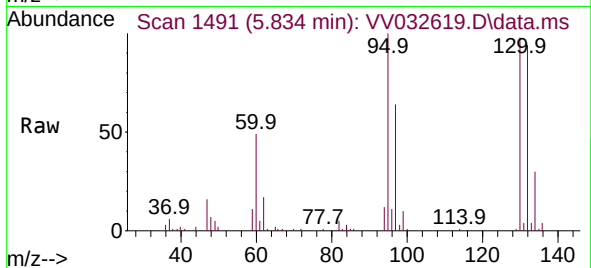
Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 40231

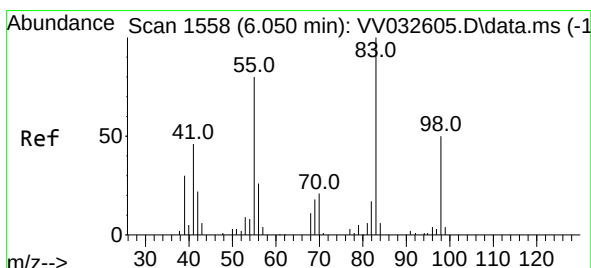
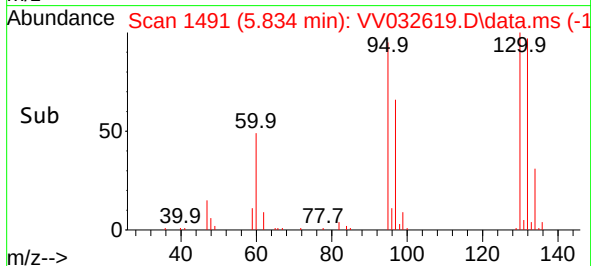
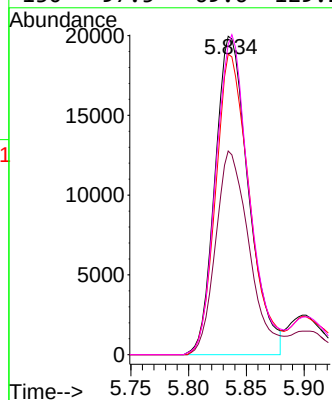
Ion Ratio Lower Upper

95 100

97 64.0 45.7 84.9

132 94.4 70.3 130.5

130 97.5 69.6 129.2



#35

Methylcyclohexane

Concen: 3.607 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

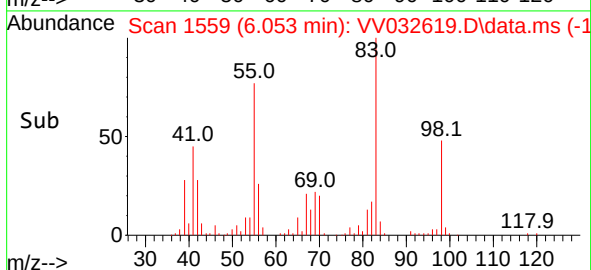
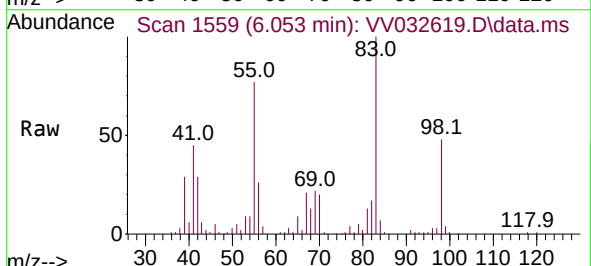
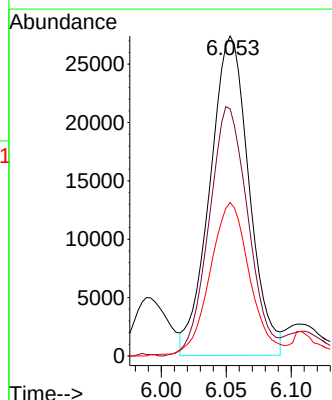
Tgt Ion: 83 Resp: 57418

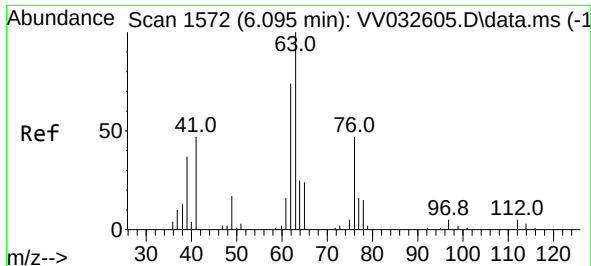
Ion Ratio Lower Upper

83 100

55 77.9 64.2 96.2

98 48.8 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.220 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

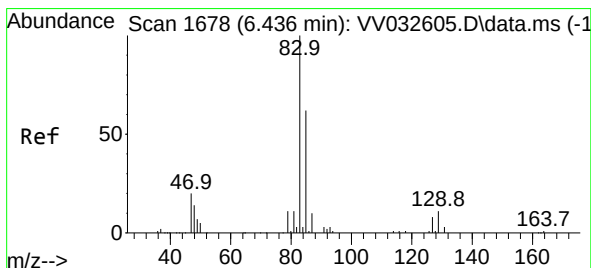
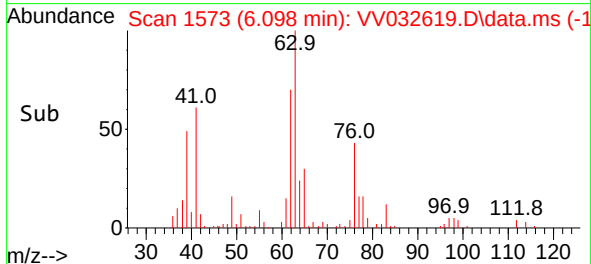
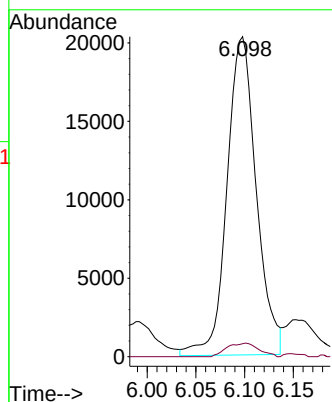
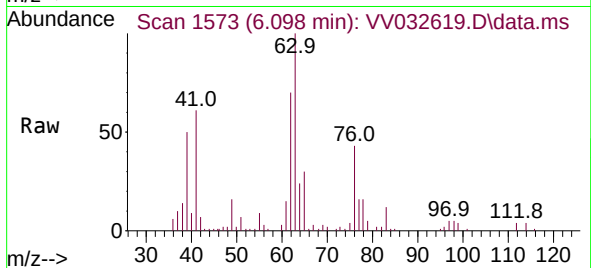
ClientSampleId :

Tgt Ion: 63 Resp: 42535

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.2



#38

Bromodichloromethane

Concen: 4.403 ug/L

RT: 6.435 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

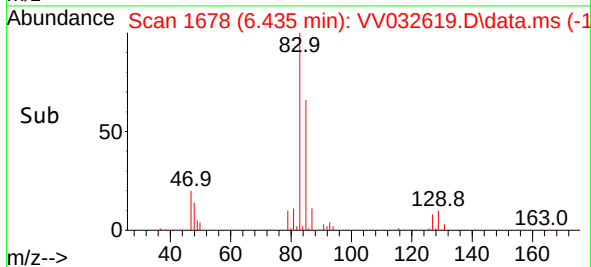
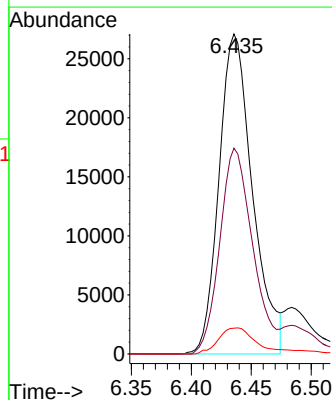
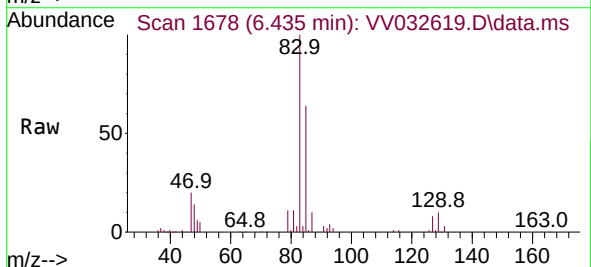
Tgt Ion: 83 Resp: 52727

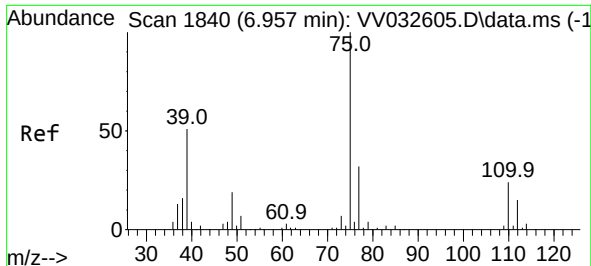
Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.3

127 8.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.110 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

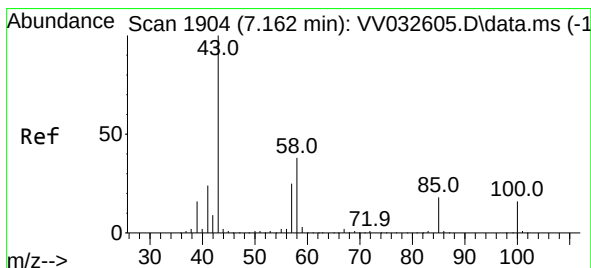
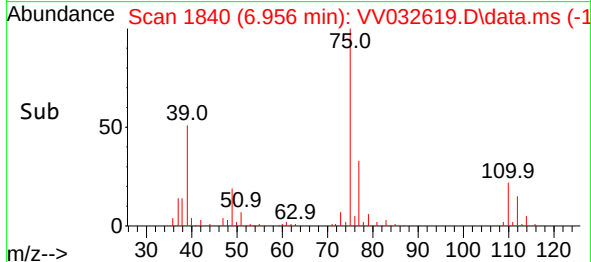
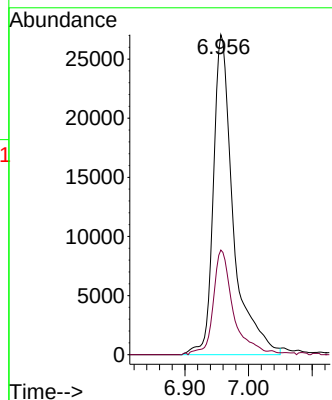
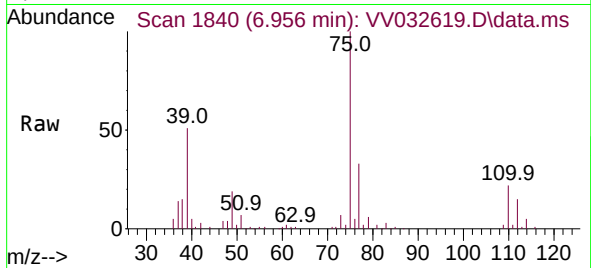
ClientSampleId :

Tgt Ion: 75 Resp: 58949

Ion Ratio Lower Upper

75 100

77 32.7 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 42.498 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

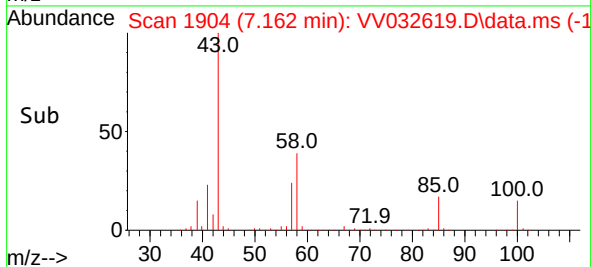
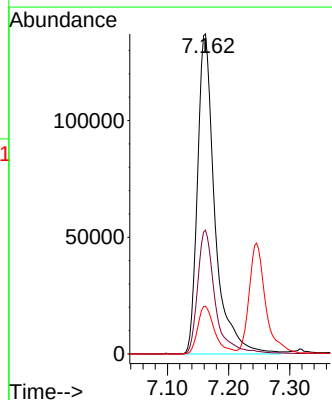
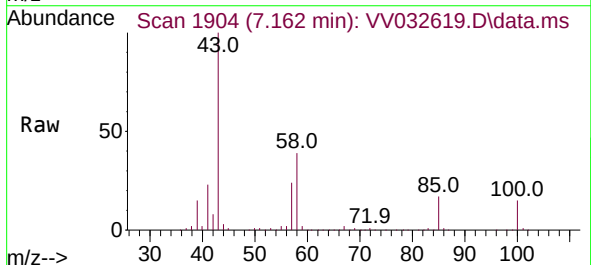
Tgt Ion: 43 Resp: 271051

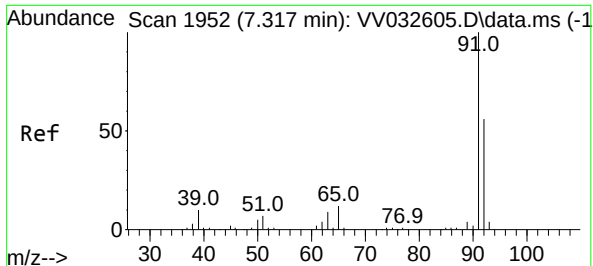
Ion Ratio Lower Upper

43 100

58 39.1 31.9 47.9

100 14.7 11.3 16.9





#42

Toluene

Concen: 4.583 ug/L

RT: 7.316 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

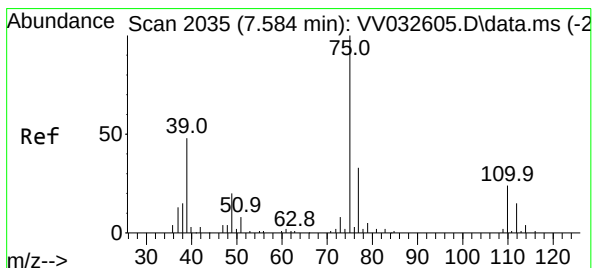
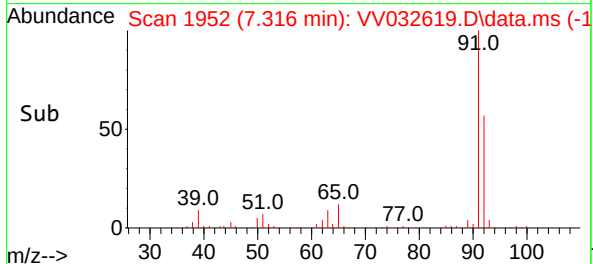
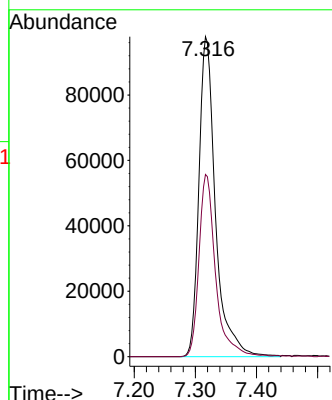
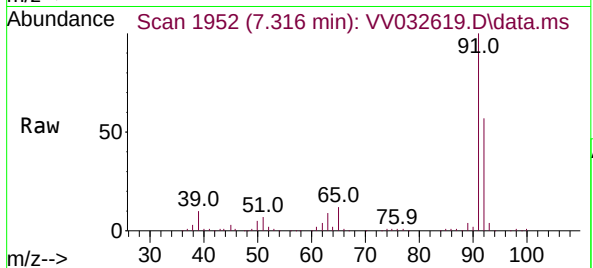
ClientSampleId :

Tgt Ion: 91 Resp: 184133

Ion Ratio Lower Upper

91 100

92 57.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.290 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV032619.D

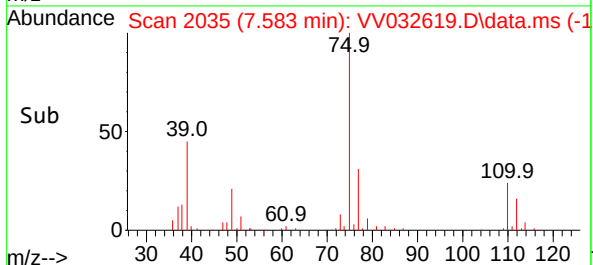
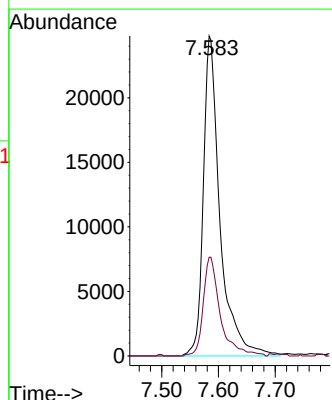
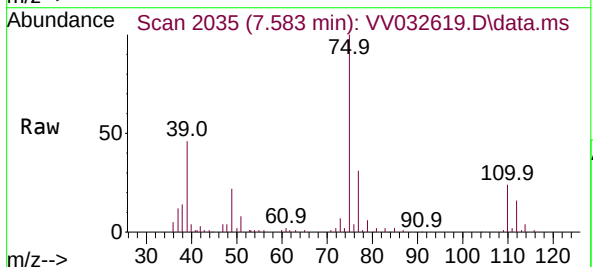
Acq: 25 Oct 2023 03:25

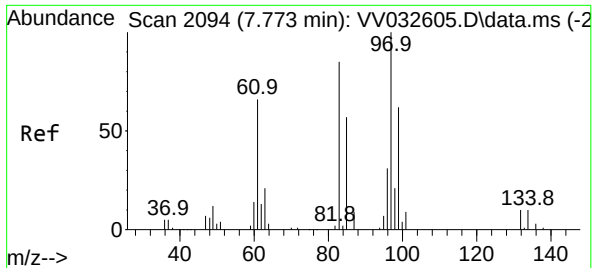
Tgt Ion: 75 Resp: 50574

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.7

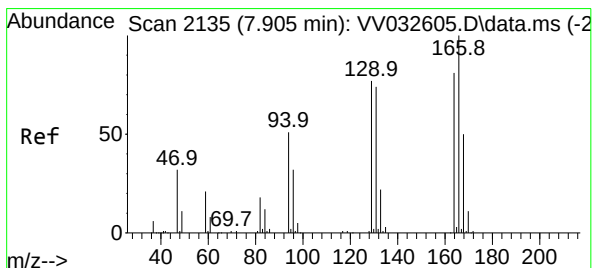
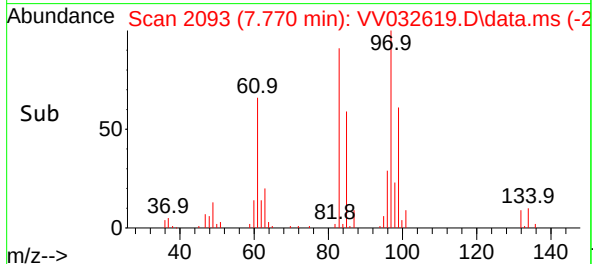
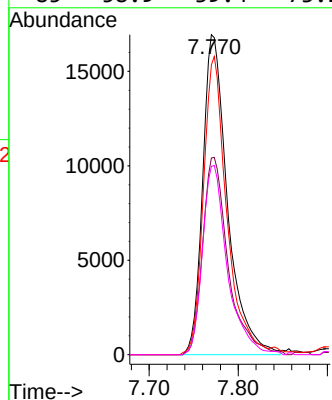
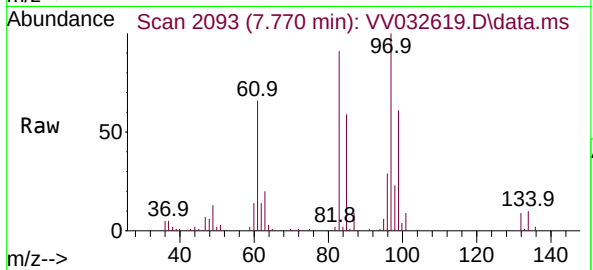




#45
1,1,2-Trichloroethane
Concen: 4.621 ug/L
RT: 7.770 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

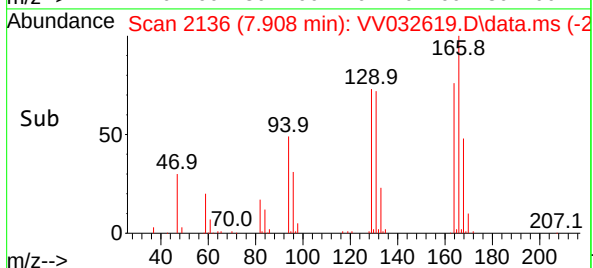
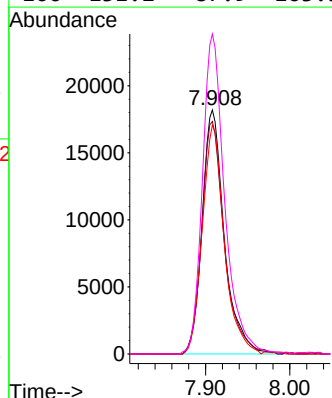
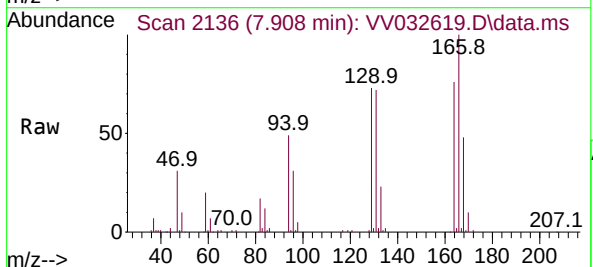
Instrument :
MSVOA_V
ClientSampleId :

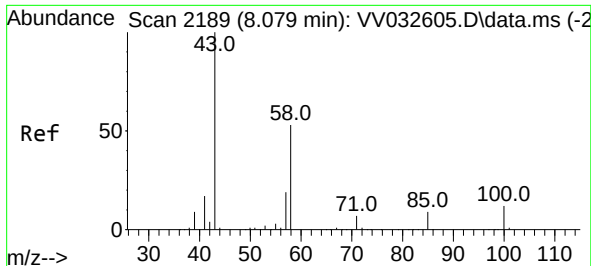
Tgt Ion:	97	Resp:	32856
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.8	79.4
83	90.6	60.9	113.1
85	58.9	39.4	73.2



#47
Tetrachloroethene
Concen: 4.283 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

Tgt Ion:	164	Resp:	33411
Ion	Ratio	Lower	Upper
164	100		
129	95.3	66.4	123.4
131	93.8	63.7	118.3
166	131.2	87.9	163.3

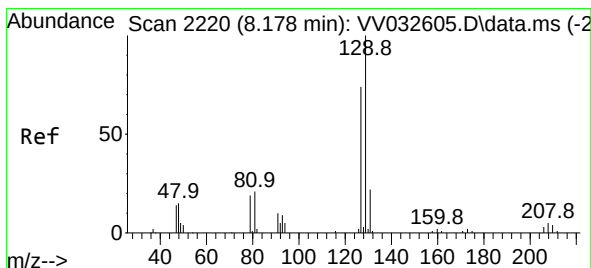
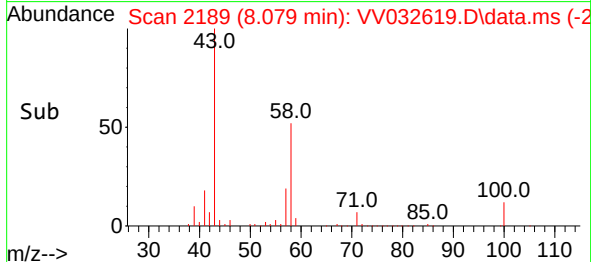
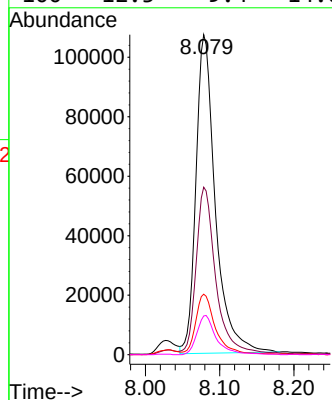
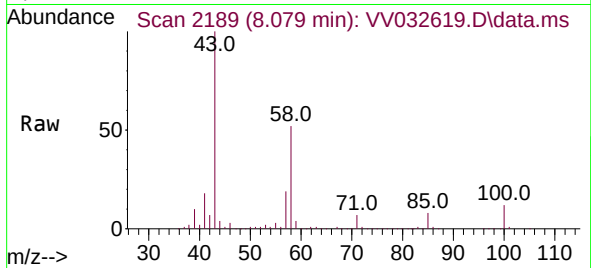




#48
2-Hexanone
Concen: 43.394 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

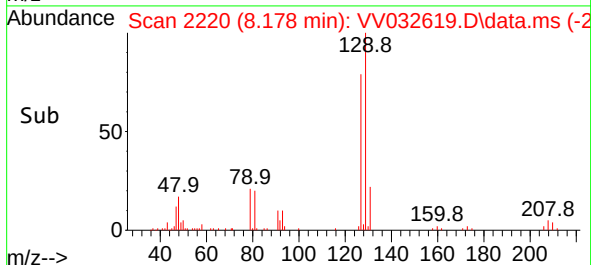
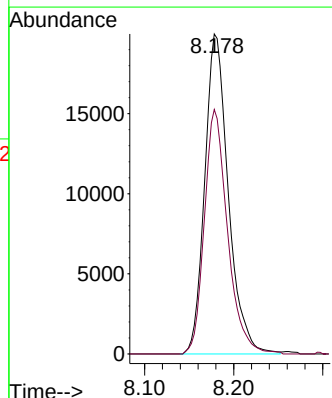
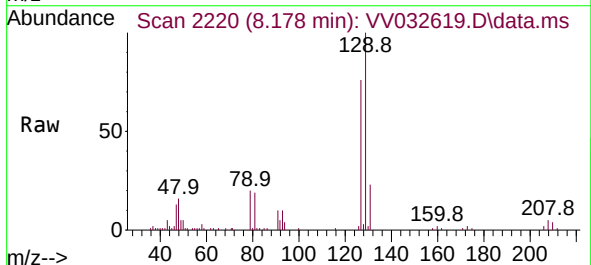
Instrument :
MSVOA_V
ClientSampleId :

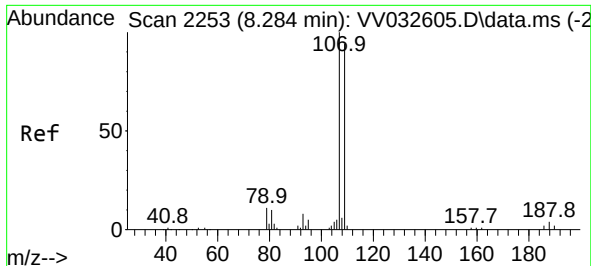
Tgt Ion: 43 Resp: 195271
Ion Ratio Lower Upper
43 100
58 52.9 43.6 65.4
57 19.1 14.6 22.0
100 12.3 9.4 14.0



#49
Dibromochloromethane
Concen: 4.960 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

Tgt Ion: 129 Resp: 36714
Ion Ratio Lower Upper
129 100
127 76.4 57.2 106.2





#50

1,2-Dibromoethane

Concen: 4.542 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

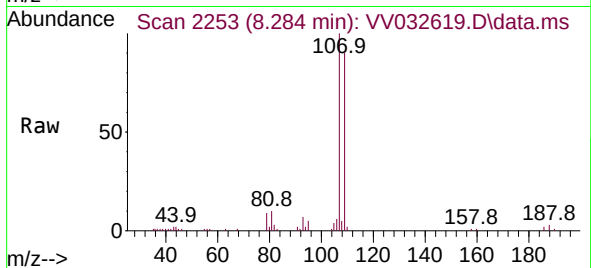
Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

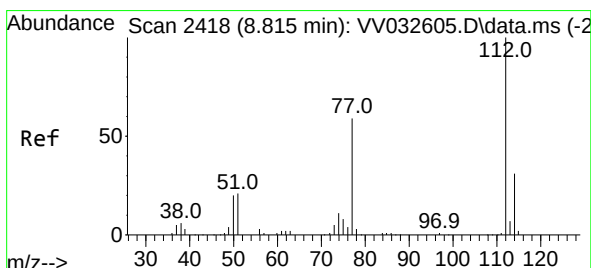
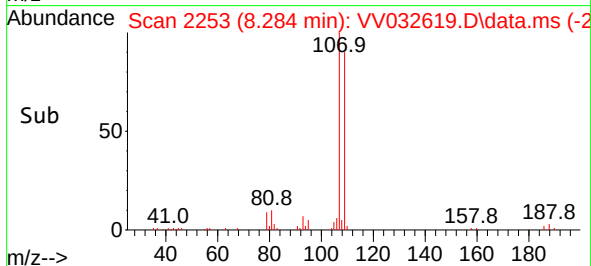
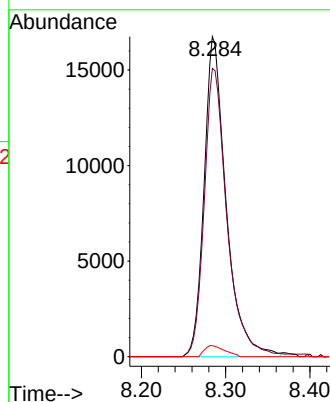
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	30541
Ion	Ratio	Lower	Upper
107	100		
109	90.1	68.4	127.0
188	3.5	3.2	4.8



#51

Chlorobenzene

Concen: 4.552 ug/L

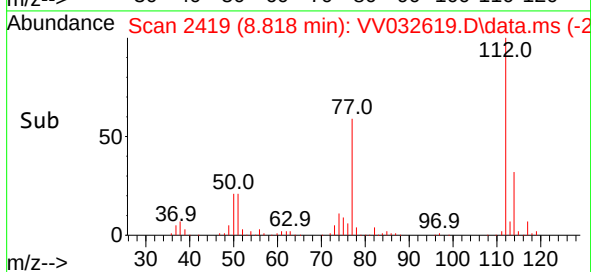
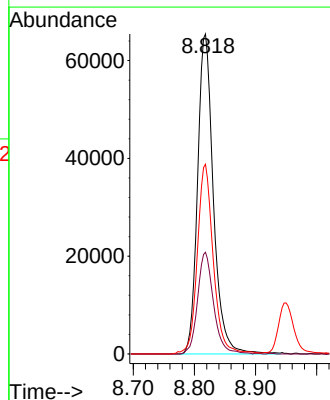
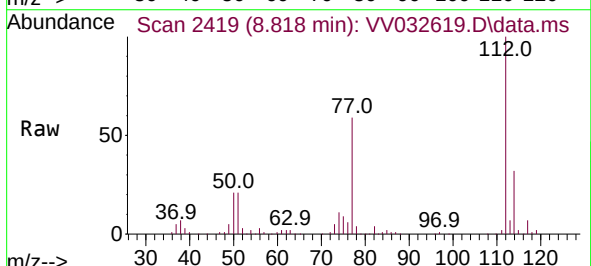
RT: 8.818 min Scan# 2419

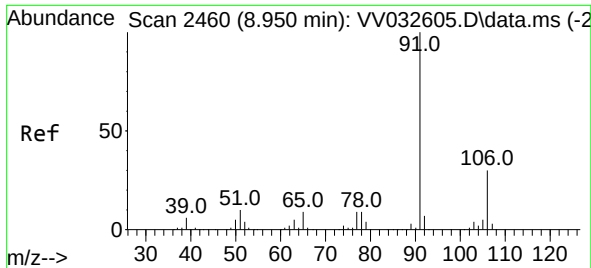
Delta R.T. 0.003 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Tgt Ion:	112	Resp:	117743
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.1	41.1
77	59.3	46.1	69.1

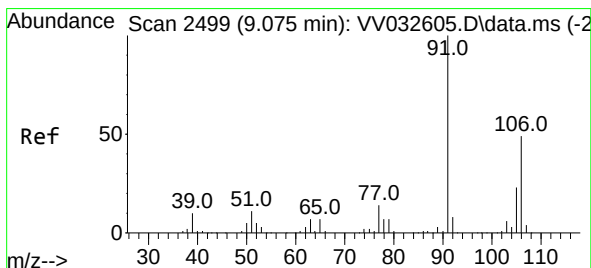
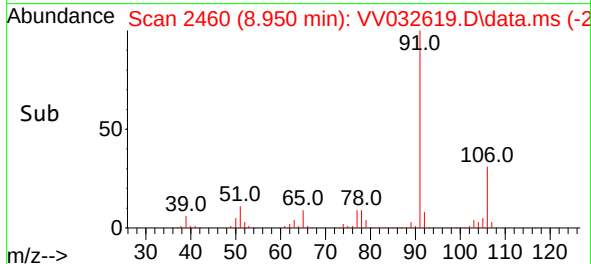
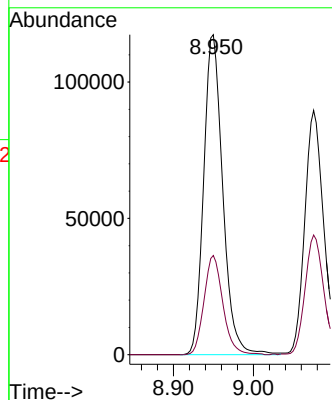
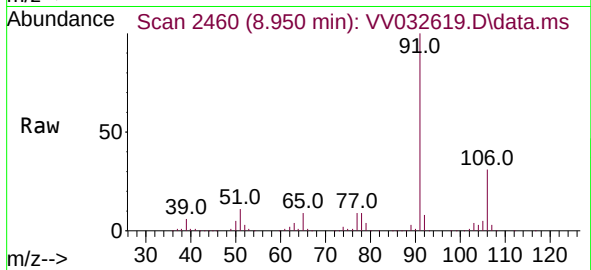




#52
Ethylbenzene
Concen: 4.352 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

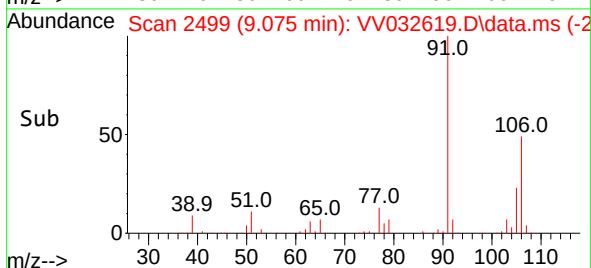
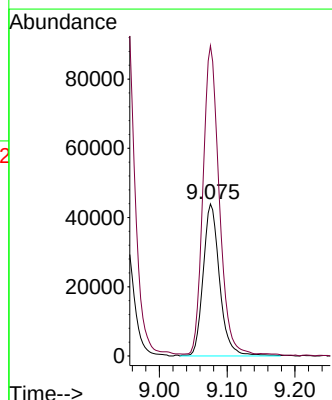
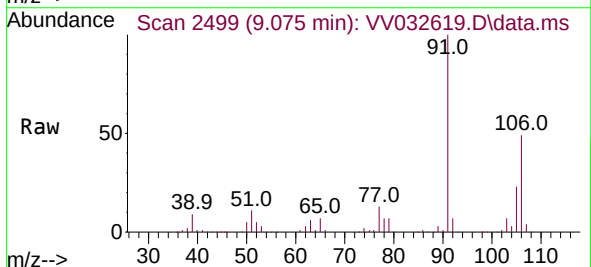
Instrument :
MSVOA_V
ClientSampleId :

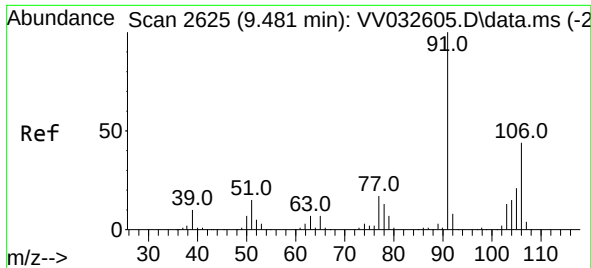
Tgt Ion: 91 Resp: 194666
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.5



#53
m,p-Xylene
Concen: 4.458 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

Tgt Ion: 106 Resp: 73961
Ion Ratio Lower Upper
106 100
91 204.2 144.5 268.3

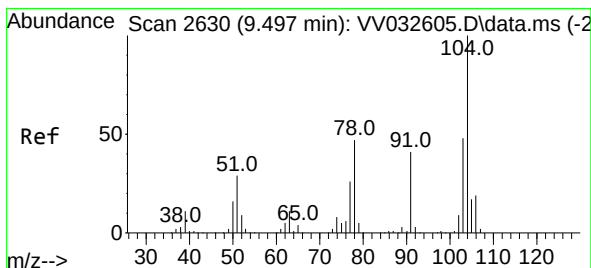
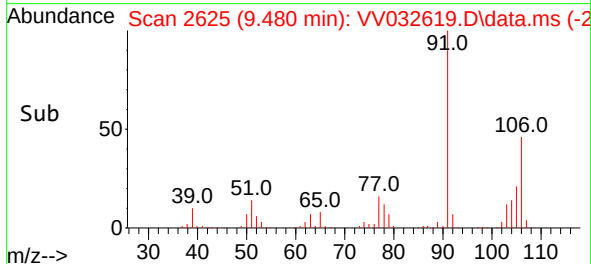
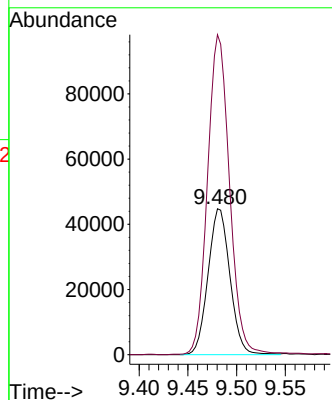
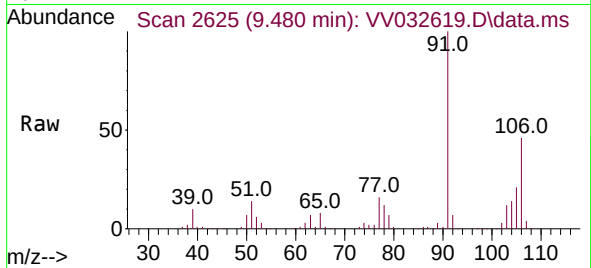




#54
o-Xylene
Concen: 4.380 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

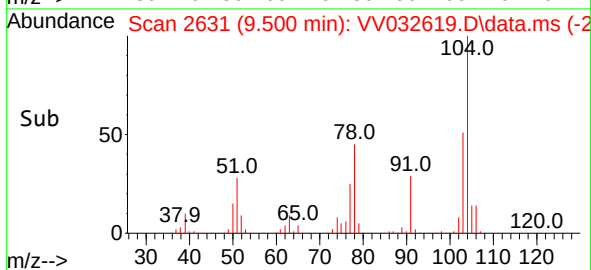
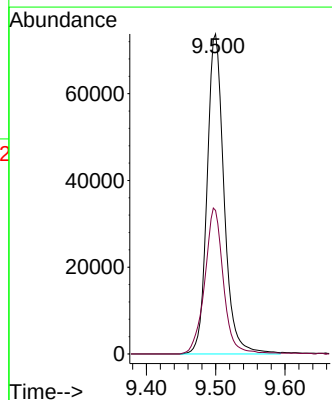
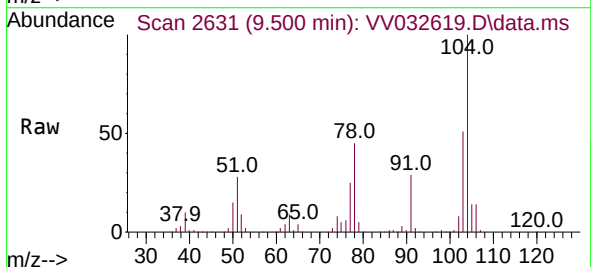
Instrument :
MSVOA_V
ClientSampleId :

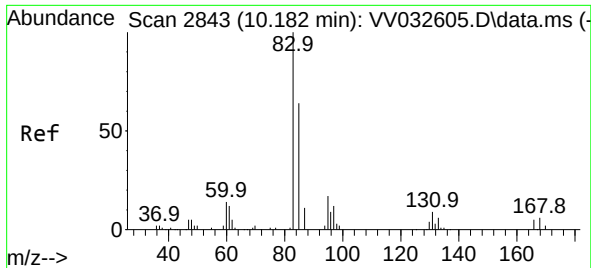
Tgt Ion:106 Resp: 70020
Ion Ratio Lower Upper
106 100
91 219.3 154.8 287.4



#55
Styrene
Concen: 4.633 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

Tgt Ion:104 Resp: 125099
Ion Ratio Lower Upper
104 100
78 44.9 29.9 55.5

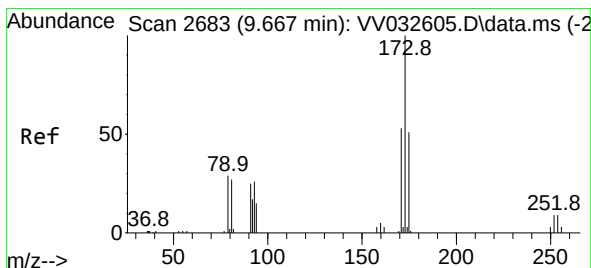
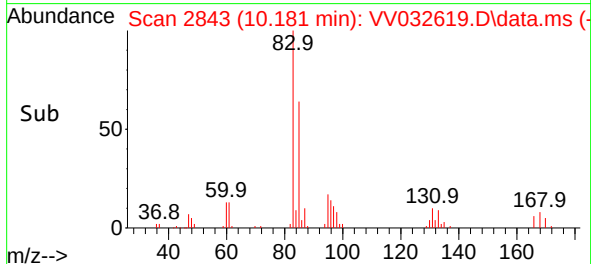
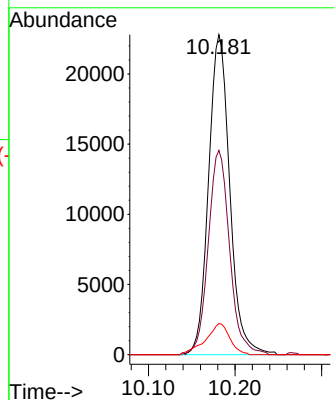
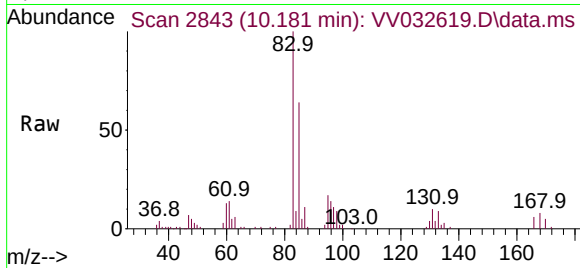




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.952 ug/L
 RT: 10.181 min Scan# 2843
 Delta R.T. -0.000 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

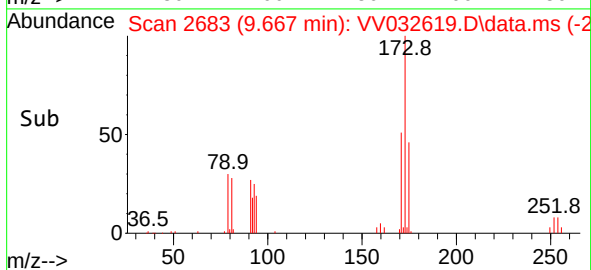
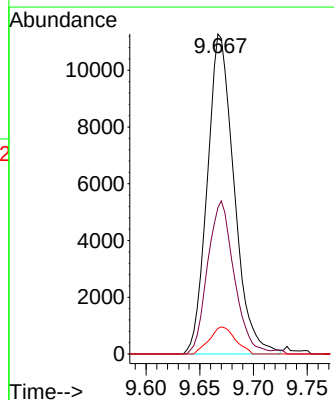
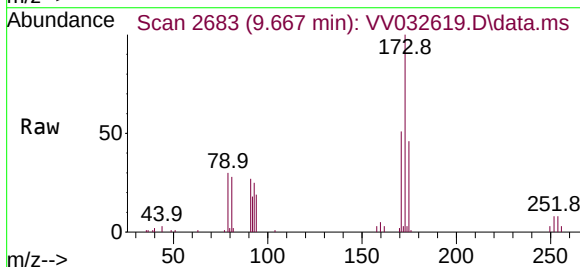
Instrument :
 MSVOA_V
 ClientSampleId :

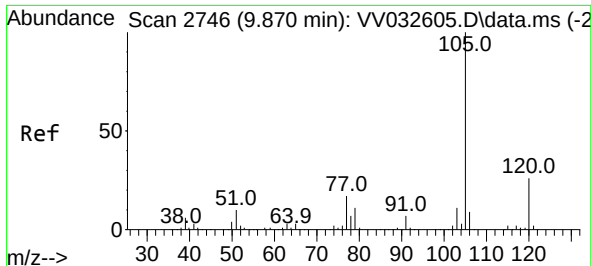
Tgt Ion: 83 Resp: 38738
 Ion Ratio Lower Upper
 83 100
 85 63.9 43.6 81.0
 131 9.8 7.0 10.6



#59
 Bromoform
 Concen: 4.877 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. -0.000 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

Tgt Ion: 173 Resp: 19551
 Ion Ratio Lower Upper
 173 100
 175 47.4 38.2 57.2
 254 8.1 7.0 10.4

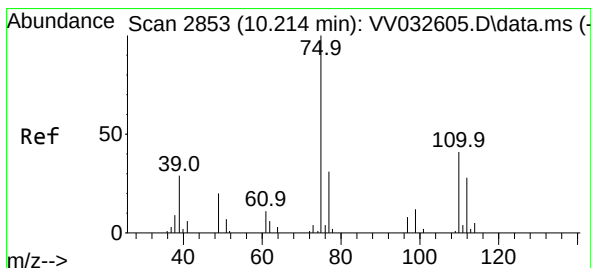
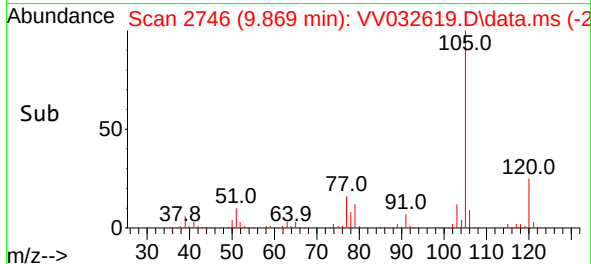
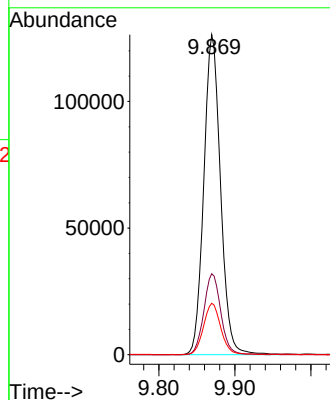
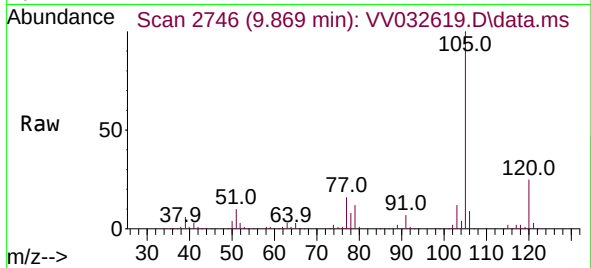




#60
Isopropylbenzene
Concen: 4.507 ug/L
RT: 9.869 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

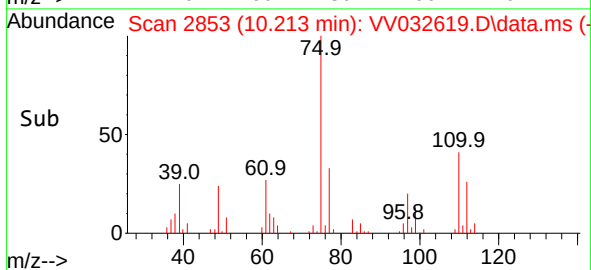
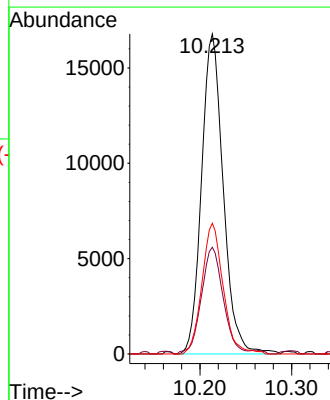
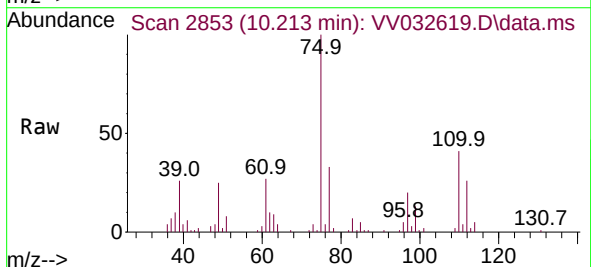
Instrument :
MSVOA_V
ClientSampleId :

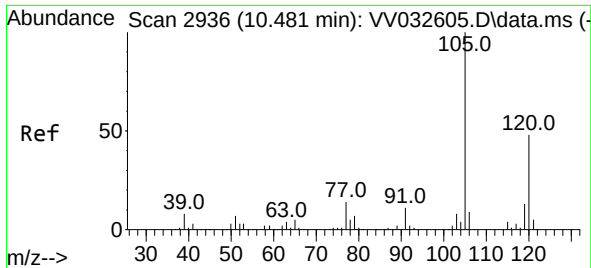
Tgt Ion:105 Resp: 193123
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 16.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.697 ug/L
RT: 10.213 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

Tgt Ion: 75 Resp: 27562
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.2
110 39.9 30.6 46.0

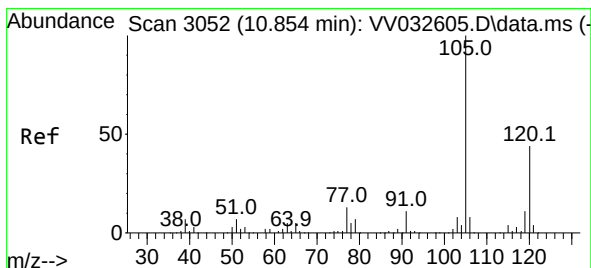
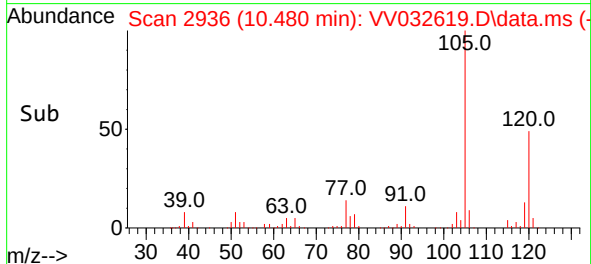
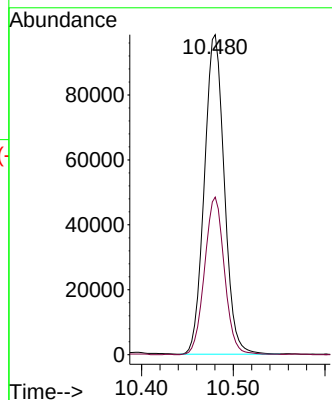
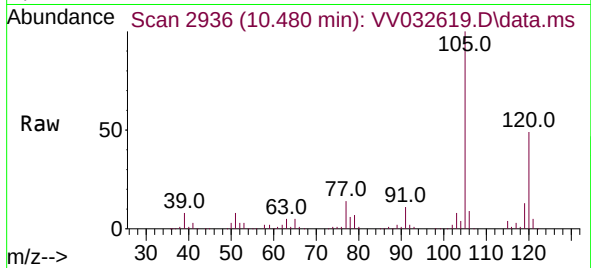




#62
 1,3,5-Trimethylbenzene
 Concen: 4.256 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

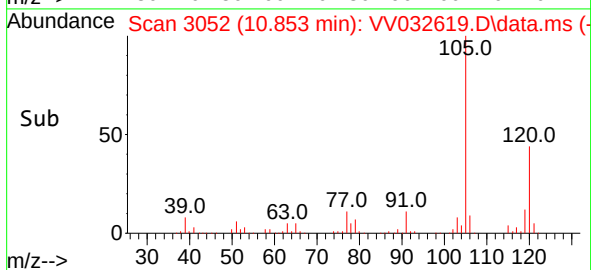
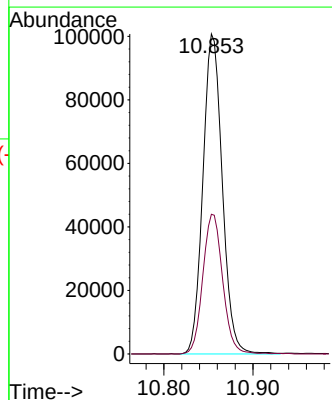
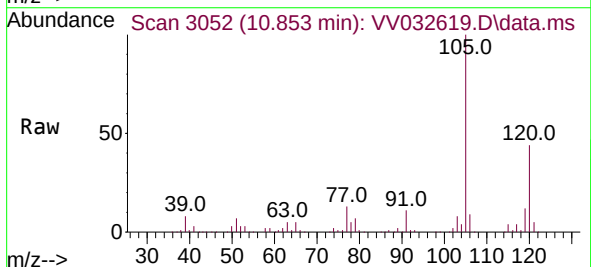
Instrument :
 MSVOA_V
 ClientSampleId :

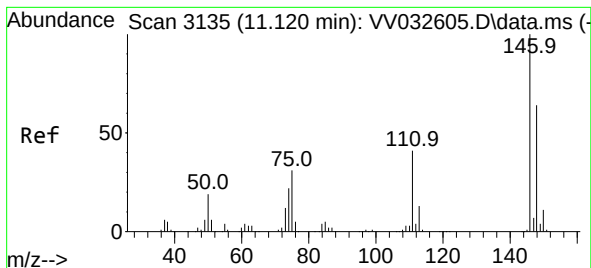
Tgt Ion:105 Resp: 148630
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.377 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. -0.000 min
 Lab File: VV032619.D
 Acq: 25 Oct 2023 03:25

Tgt Ion:105 Resp: 152167
 Ion Ratio Lower Upper
 105 100
 120 44.6 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 4.597 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. -0.000 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

ClientSampleId :

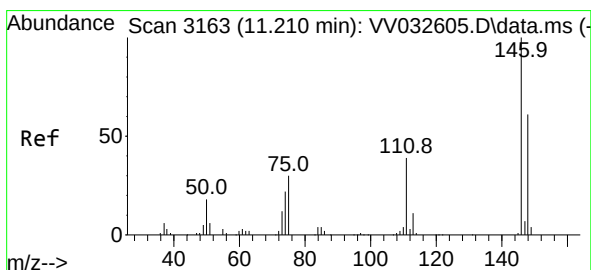
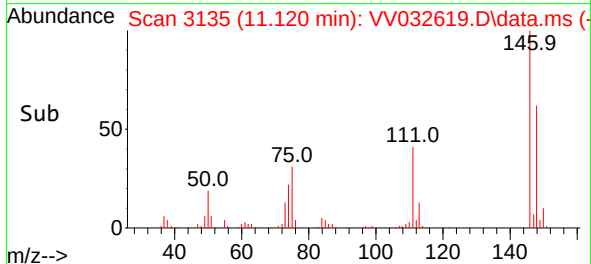
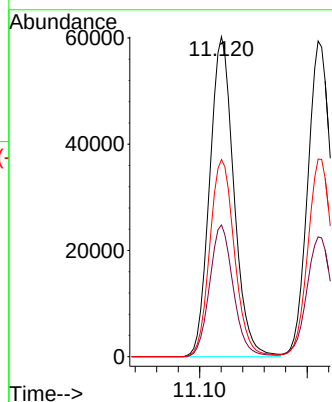
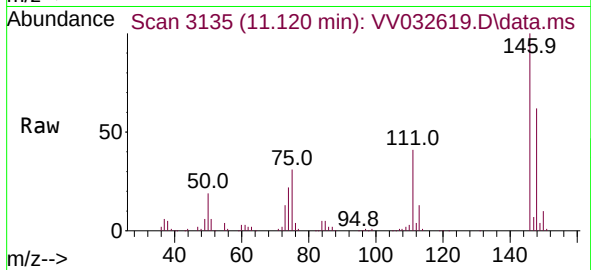
Tgt Ion:146 Resp: 94098

Ion Ratio Lower Upper

146 100

111 41.1 27.8 51.6

148 61.6 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.601 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

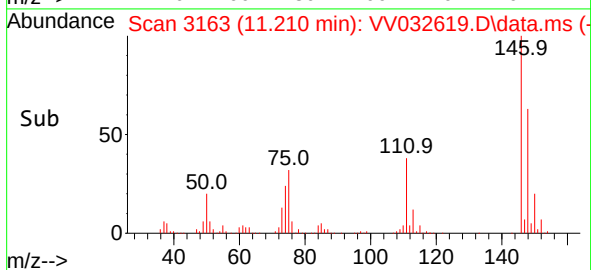
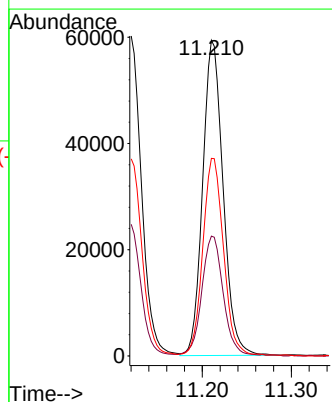
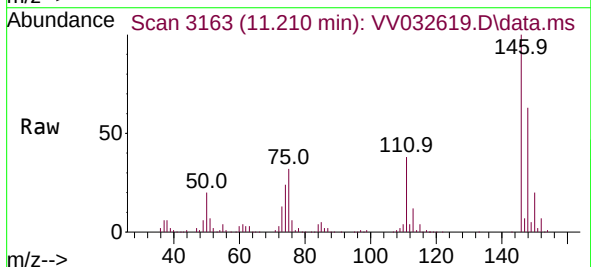
Tgt Ion:146 Resp: 94480

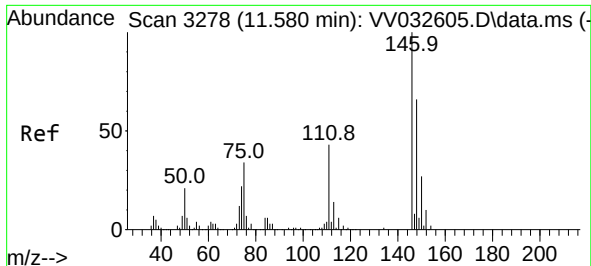
Ion Ratio Lower Upper

146 100

111 37.9 26.9 49.9

148 62.6 44.8 83.2

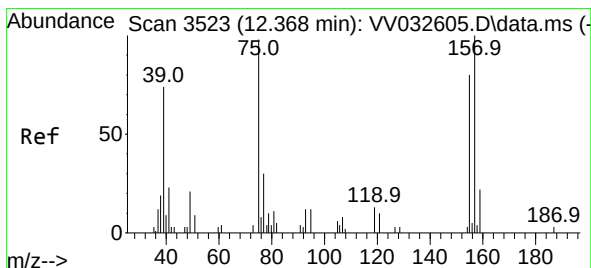
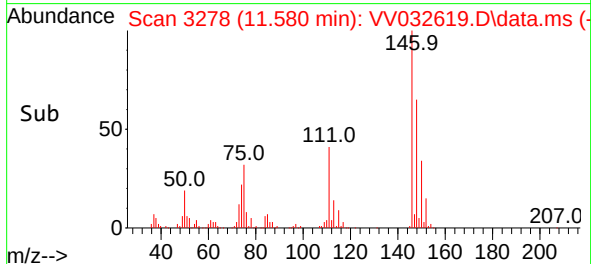
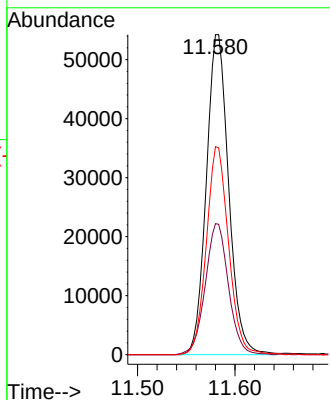
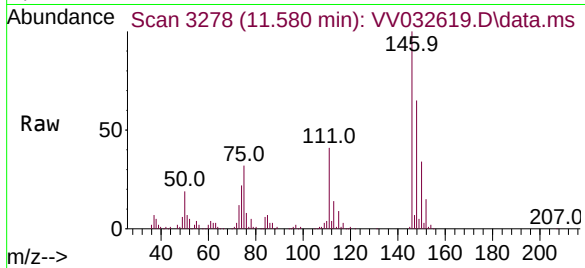




#67
1,2-Dichlorobenzene
Concen: 4.633 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

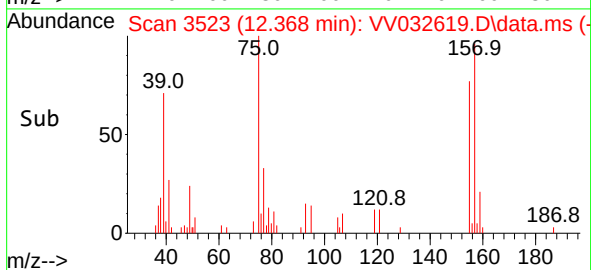
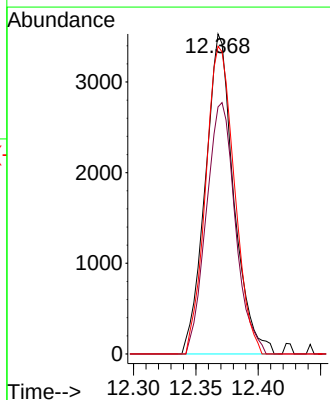
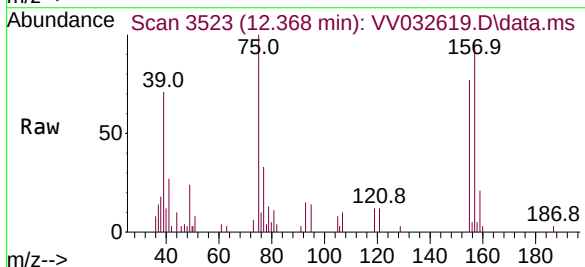
Instrument :
MSVOA_V
ClientSampleId :

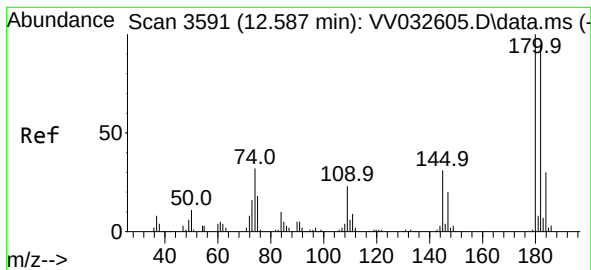
Tgt Ion:146 Resp: 86494
Ion Ratio Lower Upper
146 100
111 40.9 32.8 49.2
148 65.0 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.676 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

Tgt Ion: 75 Resp: 5606
Ion Ratio Lower Upper
75 100
155 77.2 70.2 105.4
157 96.1 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 4.351 ug/L

RT: 12.583 min Scan# 3591

Delta R.T. -0.003 min

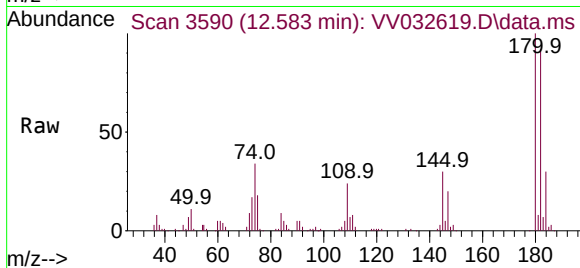
Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 65226

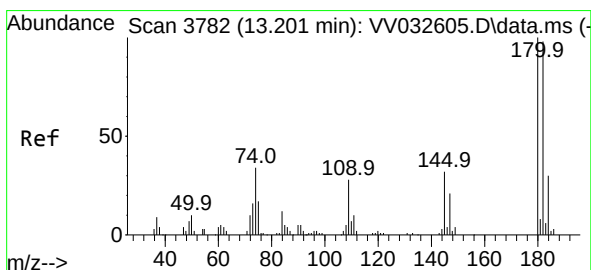
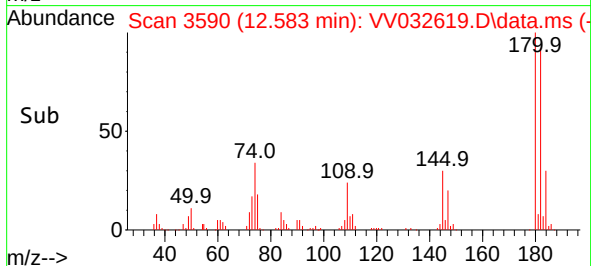
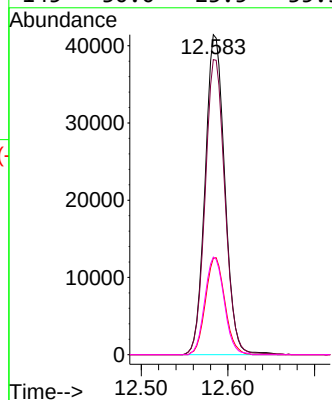
Ion Ratio Lower Upper

180 100

182 93.0 74.6 112.0

184 29.9 24.1 36.1

145 30.0 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.028 ug/L

RT: 13.200 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032619.D

Acq: 25 Oct 2023 03:25

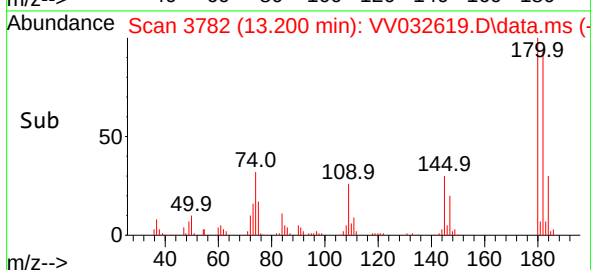
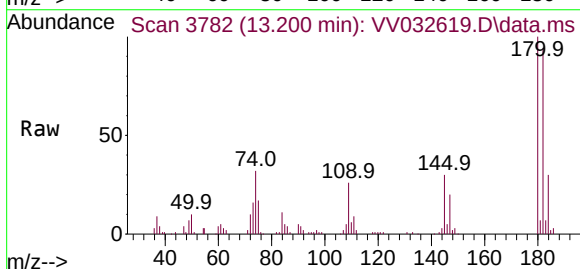
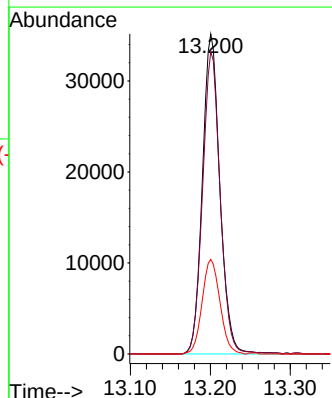
Tgt Ion:180 Resp: 53554

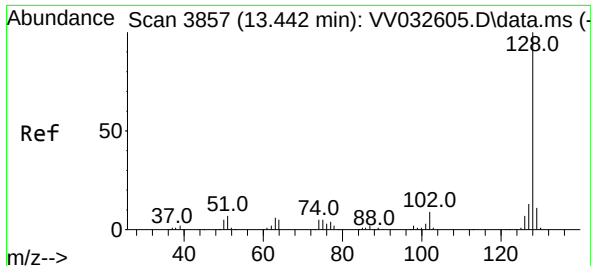
Ion Ratio Lower Upper

180 100

182 94.9 76.5 114.7

145 30.2 24.3 36.5

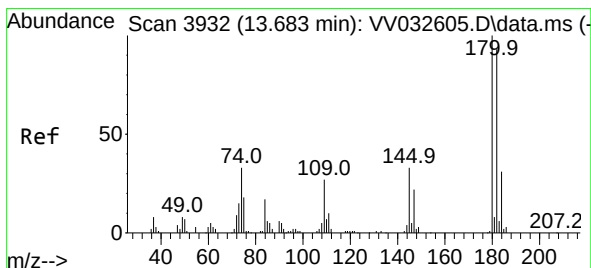
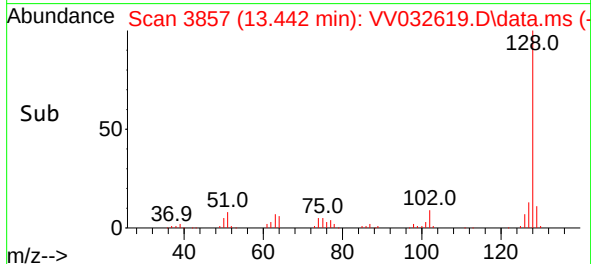
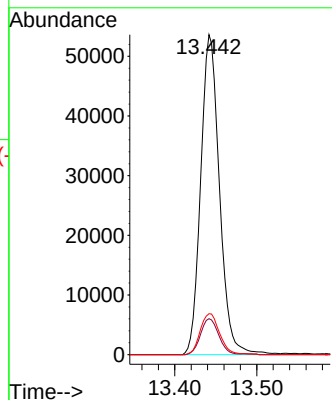
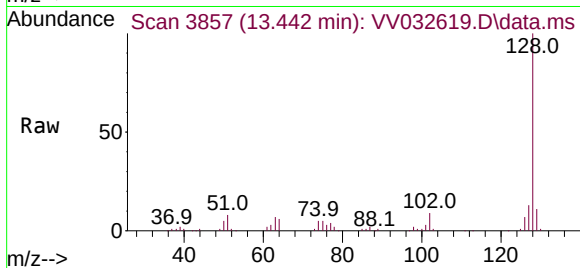




#71
Naphthalene
Concen: 3.777 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 85301
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.3 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.321 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032619.D
Acq: 25 Oct 2023 03:25

Tgt Ion:180 Resp: 49504
Ion Ratio Lower Upper
180 100
182 93.6 77.0 115.4
145 32.9 25.7 38.5

