

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101123\
 Data File : VW032405.D
 Acq On : 11 Oct 2023 19:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

Quant Time: Oct 12 03:08:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	107715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42323	4.831	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.532	69	33699	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.059	65	16024	4.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.805	46	100938	45.548	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.100%
24) Chloroform-d	4.252	84	71648	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.947	65	34432	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.963	84	137069	3.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	5.992	67	42462	3.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.200%
41) Toluene-d8	7.246	98	138353	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.558	79	16527	4.072	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.030	63	88986	46.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36634	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	49252	4.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	62659	5.220	ug/L	99
3) Chloromethane	1.217	50	61896	5.115	ug/L	99
5) Vinyl chloride	1.281	62	60007	5.199	ug/L	99
6) Bromomethane	1.487	94	34342	4.926	ug/L	98
8) Chloroethane	1.551	64	36199	5.210	ug/L	96
9) Trichlorofluoromethane	1.715	101	71653	5.177	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44112	5.260	ug/L	99
12) 1,1-Dichloroethene	2.069	96	40400	5.114	ug/L	94
13) Acetone	2.133	43	77887	45.600	ug/L	97
14) Carbon disulfide	2.243	76	127704	4.624	ug/L	99
15) Methyl Acetate	2.384	43	19810	5.152	ug/L	99
16) Methylene chloride	2.449	84	48635	4.722	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	100992	4.696	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	43885	4.850	ug/L	98
19) 1,1-Dichloroethane	3.114	63	83047	4.879	ug/L	99
21) 2-Butanone	3.886	43	122373	45.815	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	47267	4.851	ug/L	96
23) Bromochloromethane	4.153	128	20349	4.965	ug/L	96
25) Chloroform	4.281	83	84329	5.049	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101123\
 Data File : VW032405.D
 Acq On : 11 Oct 2023 19:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

Quant Time: Oct 12 03:08:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

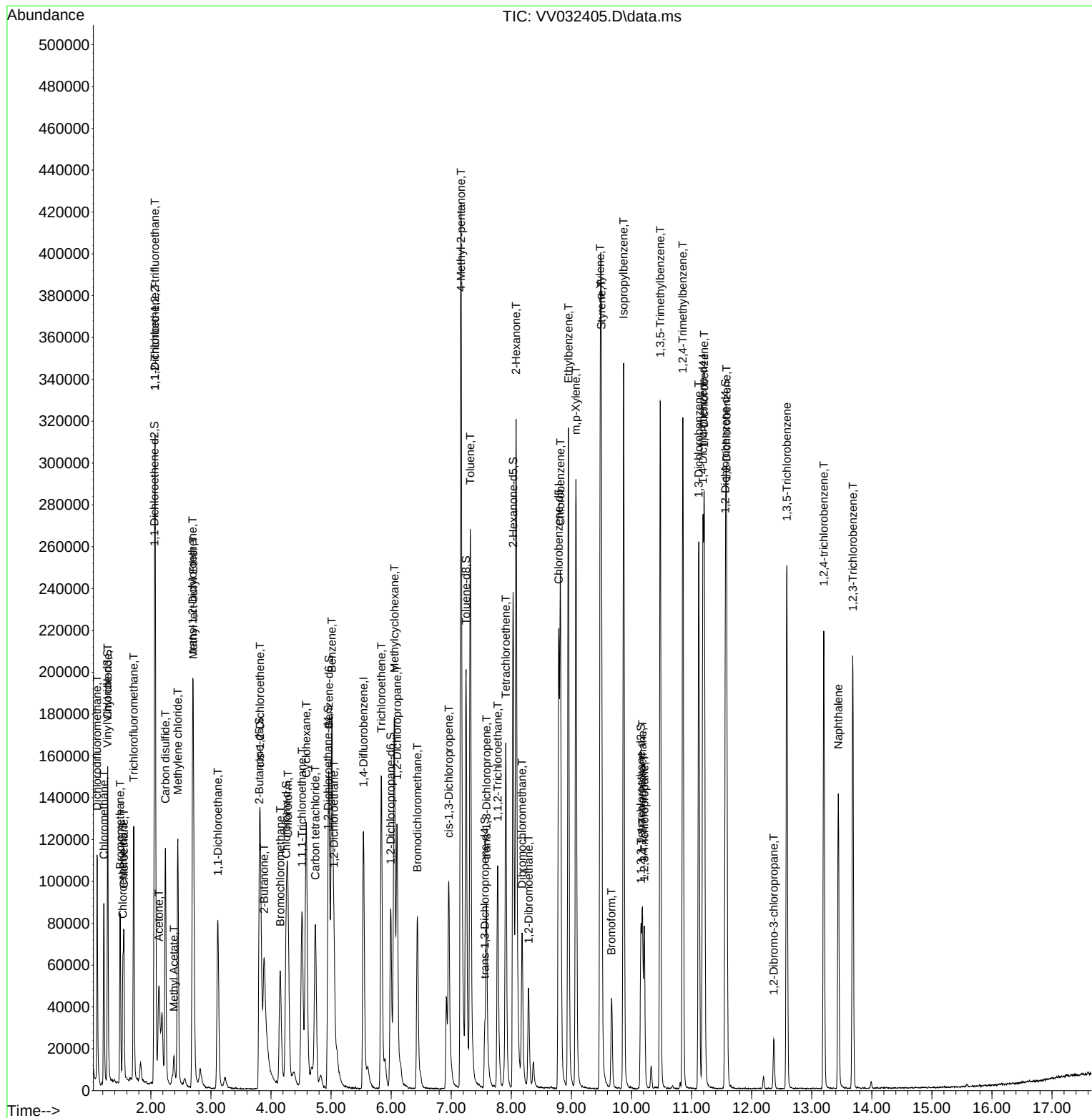
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	49755	5.043	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	69269	4.336	ug/L	98
30) Cyclohexane	4.587	56	68833	3.921	ug/L	97
31) Carbon tetrachloride	4.738	117	59550	4.406	ug/L	98
33) Benzene	5.011	78	178831	4.323	ug/L	100
34) Trichloroethene	5.837	95	53848	4.768	ug/L	98
35) Methylcyclohexane	6.053	83	74910	4.286	ug/L	97
37) 1,2-Dichloropropane	6.098	63	46000	4.158	ug/L	98
38) Bromodichloromethane	6.436	83	62582	4.761	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	67106	4.262	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	317927	45.411	ug/L	99
42) Toluene	7.317	91	204517	4.638	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	54926	4.245	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	36380	4.662	ug/L	98
47) Tetrachloroethene	7.908	164	38421	4.486	ug/L	98
48) 2-Hexanone	8.079	43	222012	44.946	ug/L	99
49) Dibromochloromethane	8.178	129	38673	4.760	ug/L	95
50) 1,2-Dibromoethane	8.288	107	34388	4.659	ug/L	91
51) Chlorobenzene	8.815	112	127120	4.477	ug/L	98
52) Ethylbenzene	8.950	91	222114	4.523	ug/L	100
53) m,p-Xylene	9.075	106	84238	4.625	ug/L	100
54) o-Xylene	9.480	106	78157	4.454	ug/L	99
55) Styrene	9.500	104	140989	4.757	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	41333	4.813	ug/L	99
59) Bromoform	9.667	173	20383	4.529	ug/L	100
60) Isopropylbenzene	9.869	105	217349	4.519	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	30640	4.651	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	173026	4.414	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	174568	4.473	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	104065	4.529	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	106516	4.621	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	96766	4.617	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5817	4.322	ug/L	99
69) 1,3,5-Trichlorobenzene	12.586	180	74134	4.406	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	63346	4.244	ug/L	99
71) Naphthalene	13.442	128	110748	4.368	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	59164	4.600	ug/L	98

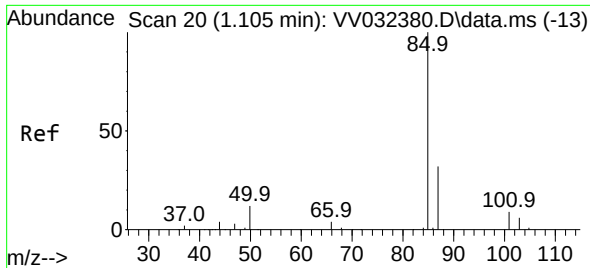
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101123\
 Data File : VV032405.D
 Acq On : 11 Oct 2023 19:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

Quant Time: Oct 12 03:08:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

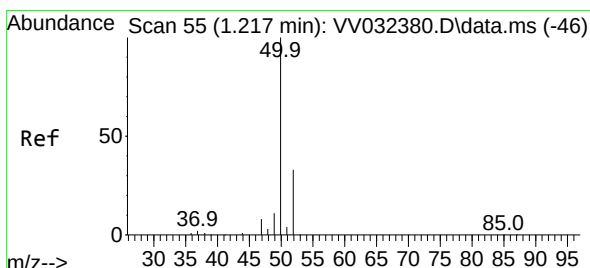
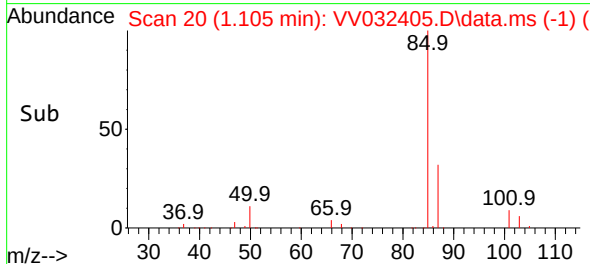
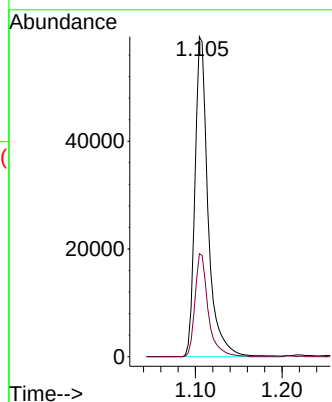
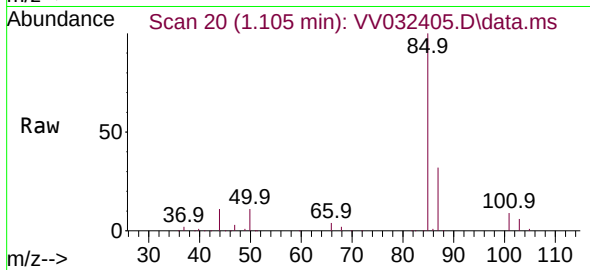




#2
 Dichlorodifluoromethane
 Concen: 5.220 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032405.D
 Acq: 11 Oct 2023 19:57

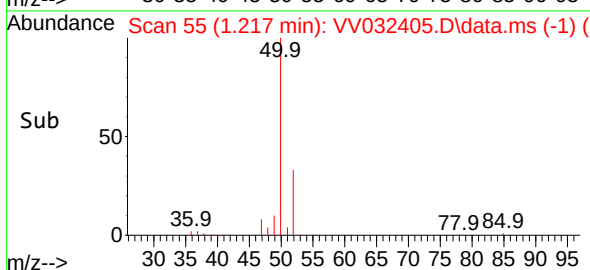
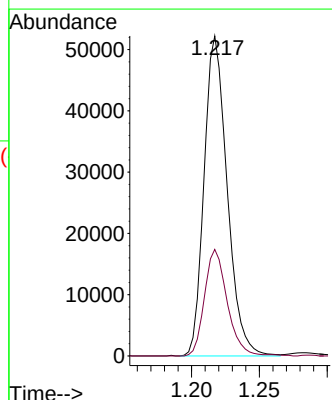
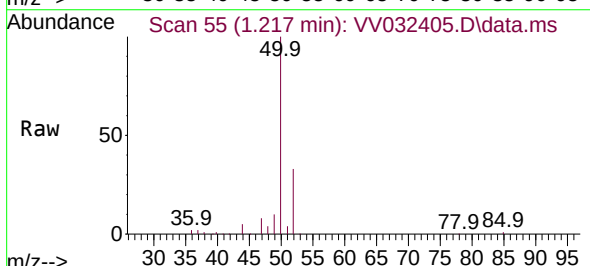
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

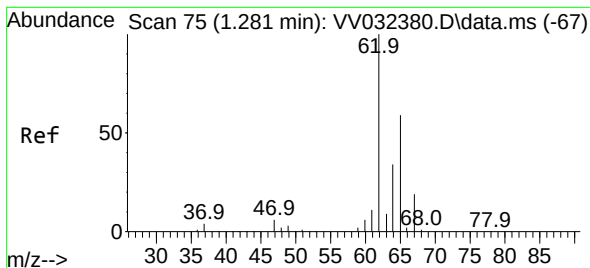
Tgt Ion: 85 Resp: 62659
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.5 38.3



#3
 Chloromethane
 Concen: 5.115 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032405.D
 Acq: 11 Oct 2023 19:57

Tgt Ion: 50 Resp: 61896
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.6





#5

Vinyl chloride

Concen: 5.199 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

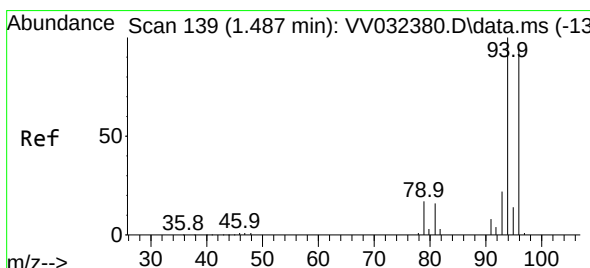
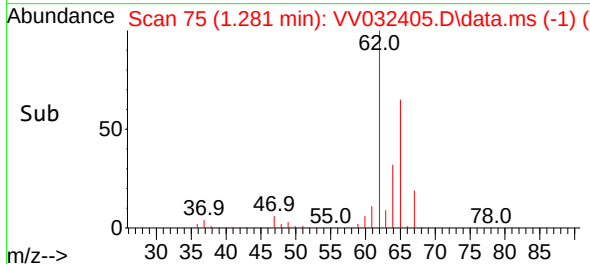
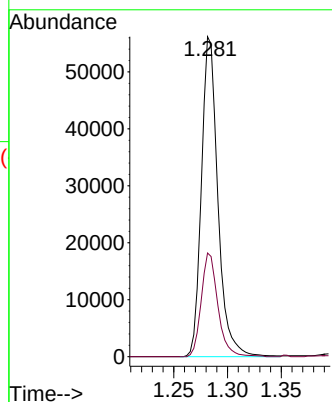
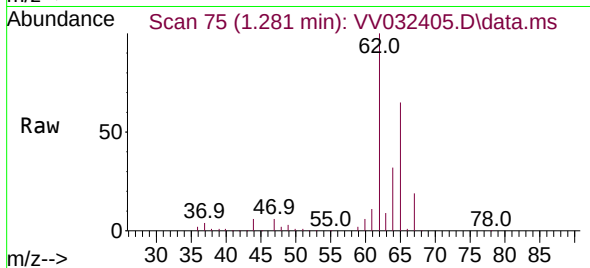
VSTD005281

Tgt Ion: 62 Resp: 60007

Ion Ratio Lower Upper

62 100

64 32.4 23.1 42.9



#6

Bromomethane

Concen: 4.926 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV032405.D

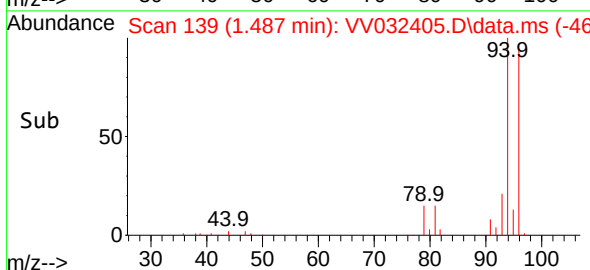
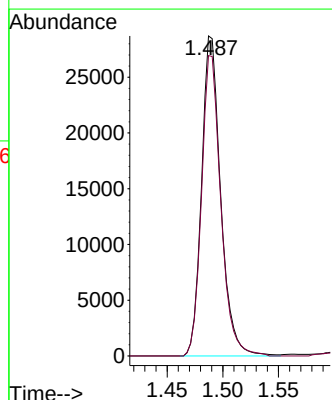
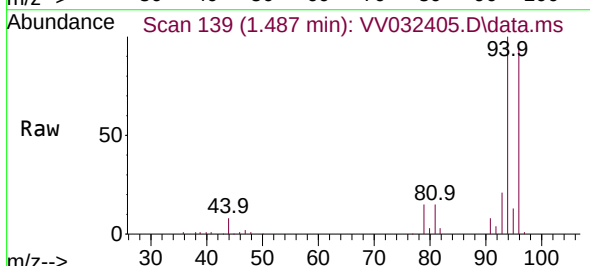
Acq: 11 Oct 2023 19:57

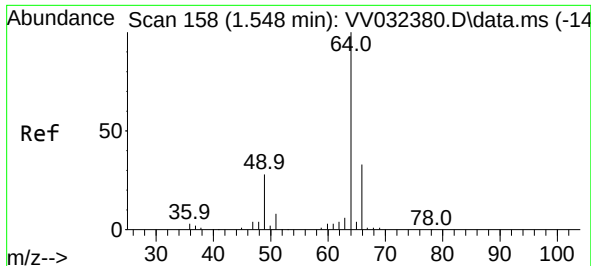
Tgt Ion: 94 Resp: 34342

Ion Ratio Lower Upper

94 100

96 93.9 66.8 124.2

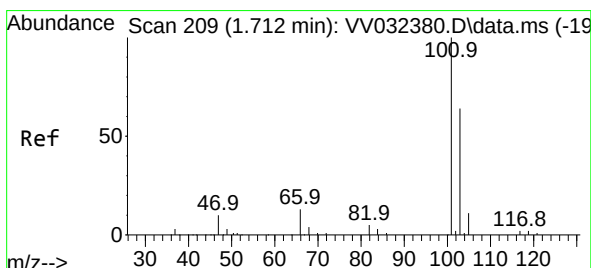
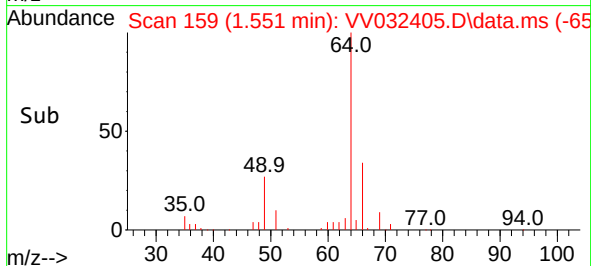
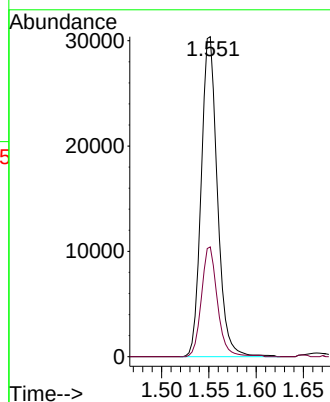
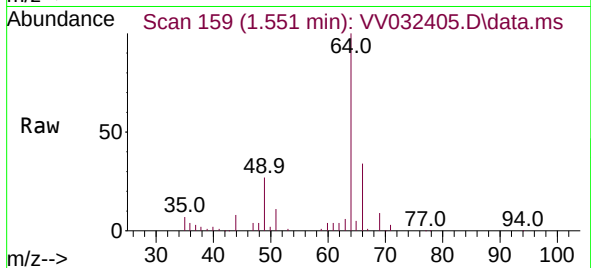




#8
Chloroethane
Concen: 5.210 ug/L
RT: 1.551 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

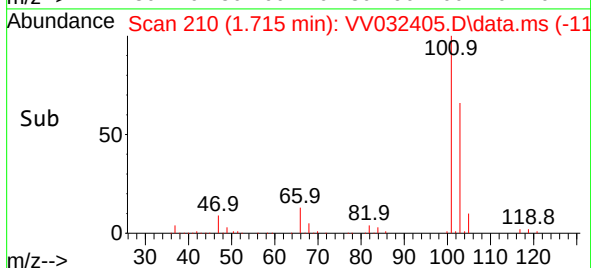
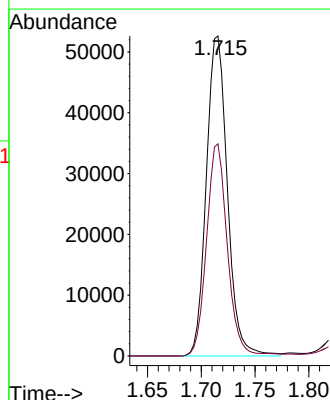
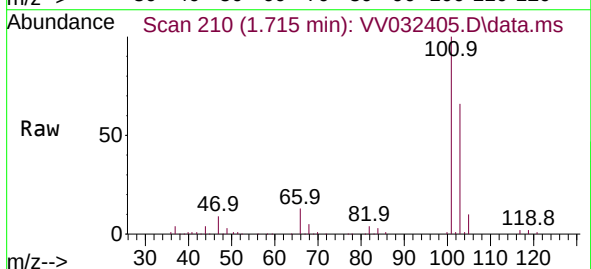
Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

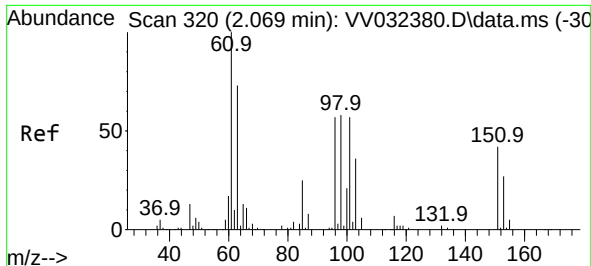
Tgt Ion: 64 Resp: 36199
Ion Ratio Lower Upper
64 100
66 34.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.177 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion: 101 Resp: 71653
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.2

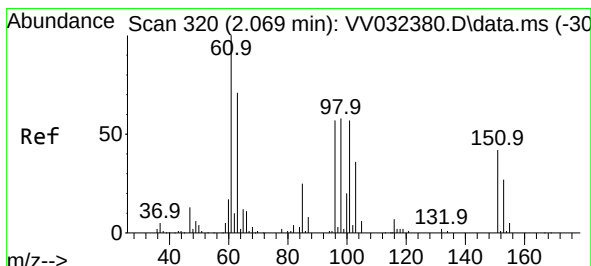
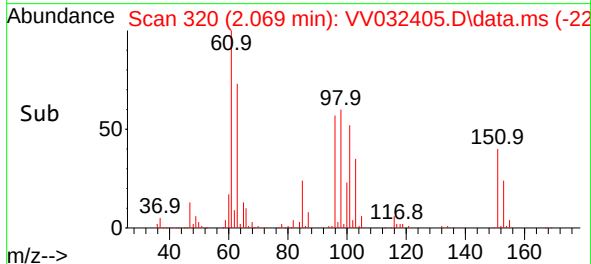
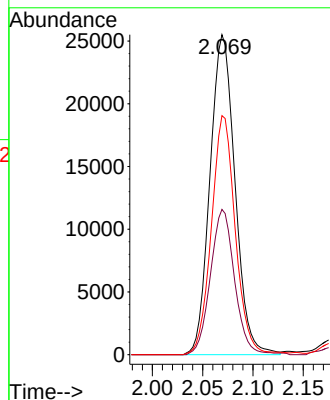
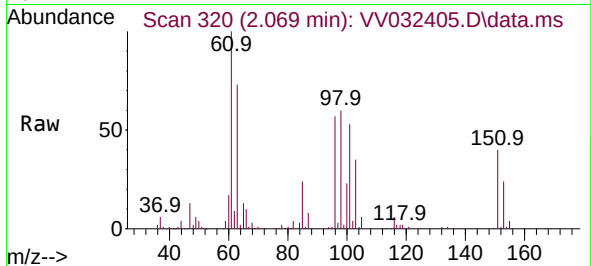




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.260 ug/L
 RT: 2.069 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VV032405.D
 Acq: 11 Oct 2023 19:57

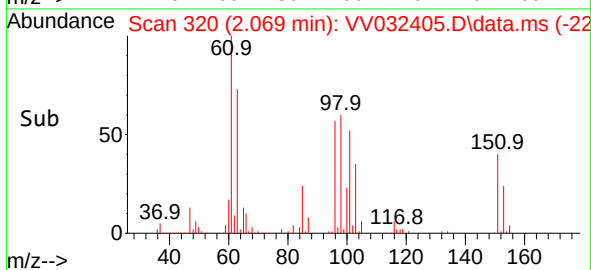
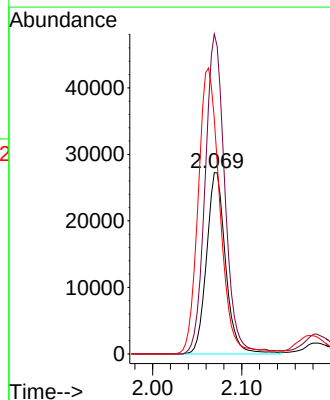
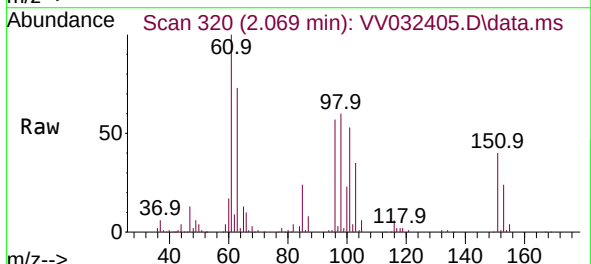
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

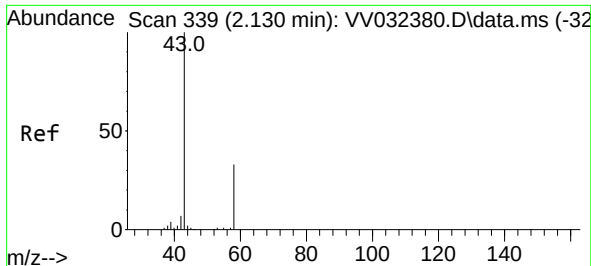
Tgt Ion:101 Resp: 44112
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.0 52.6
 151 71.6 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.114 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032405.D
 Acq: 11 Oct 2023 19:57

Tgt Ion: 96 Resp: 40400
 Ion Ratio Lower Upper
 96 100
 61 176.6 127.3 236.3
 63 129.7 98.3 182.7





#13

Acetone

Concen: 45.600 ug/L

RT: 2.133 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

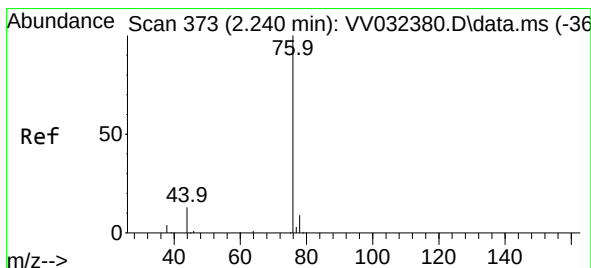
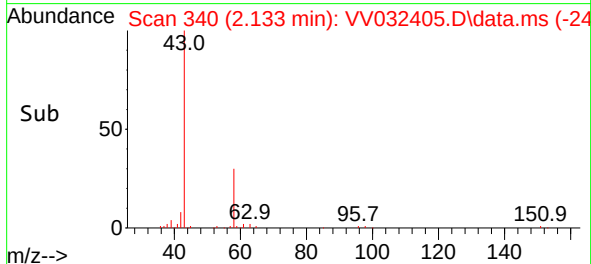
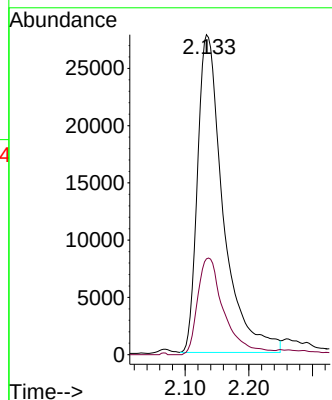
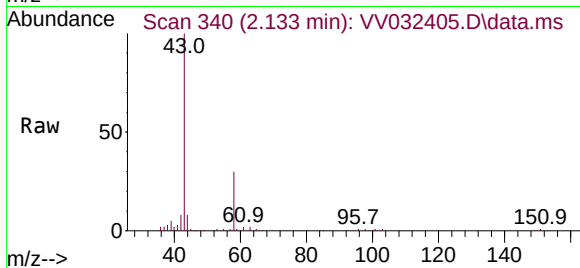
VSTD005281

Tgt Ion: 43 Resp: 77887

Ion Ratio Lower Upper

43 100

58 31.3 0.0 66.0



#14

Carbon disulfide

Concen: 4.624 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032405.D

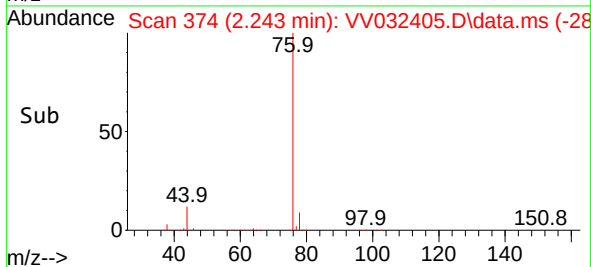
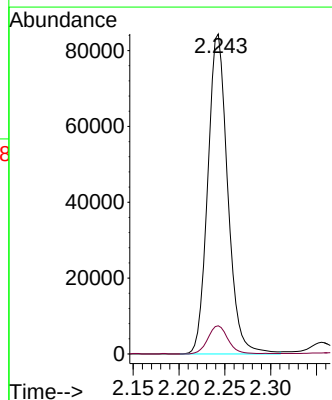
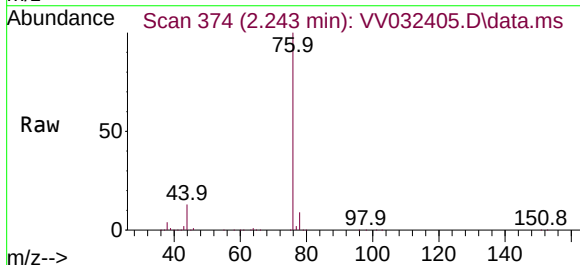
Acq: 11 Oct 2023 19:57

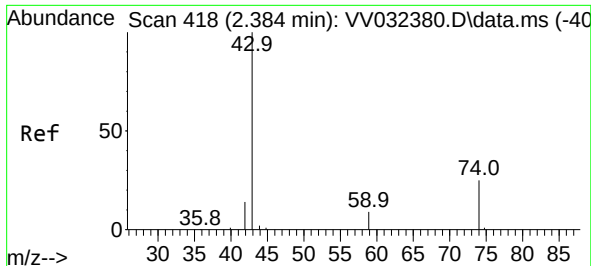
Tgt Ion: 76 Resp: 127704

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

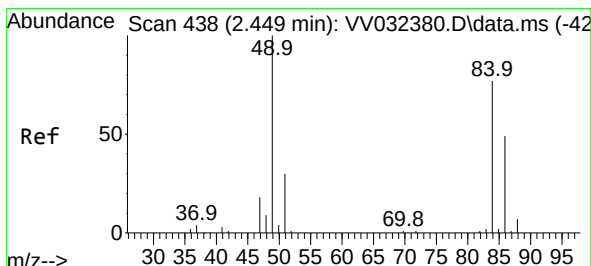
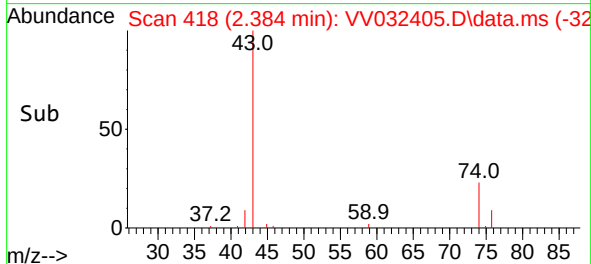
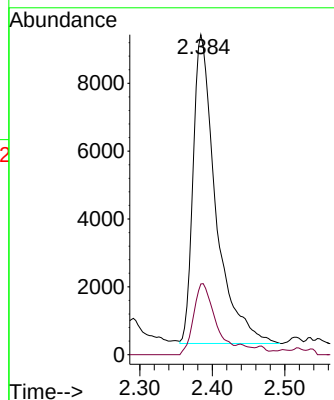
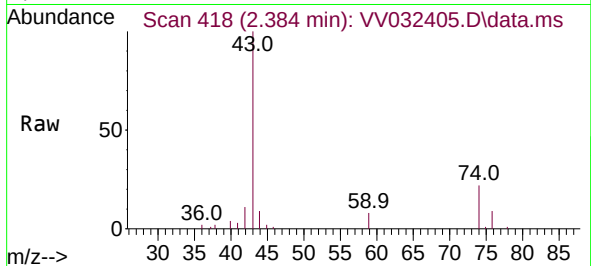




#15
Methyl Acetate
Concen: 5.152 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

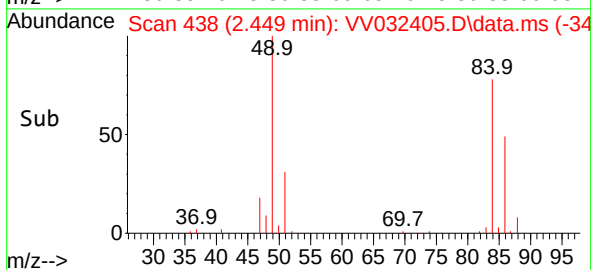
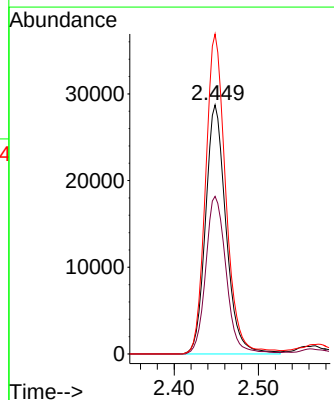
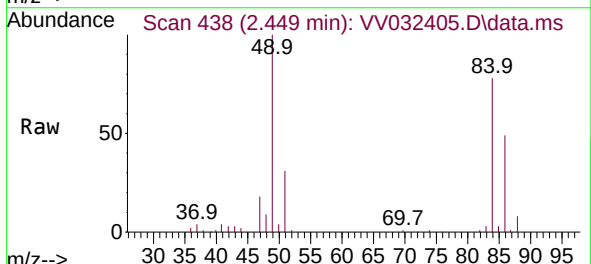
Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

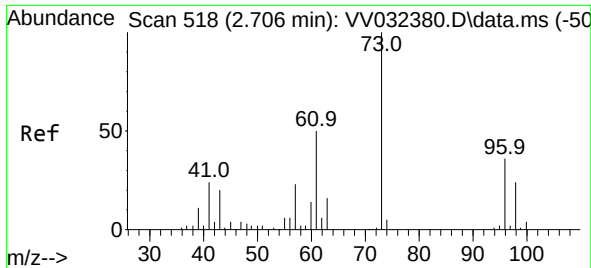
Tgt Ion: 43 Resp: 19810
Ion Ratio Lower Upper
43 100
74 22.0 18.0 27.0



#16
Methylene chloride
Concen: 4.722 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion: 84 Resp: 48635
Ion Ratio Lower Upper
84 100
86 63.3 43.2 80.2
49 128.5 86.3 160.3

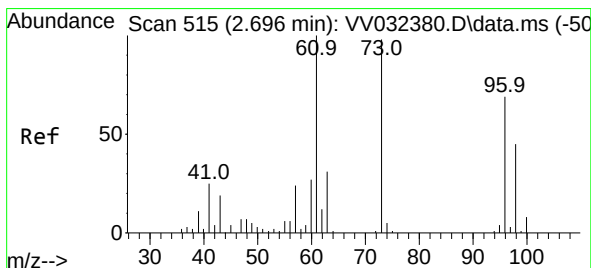
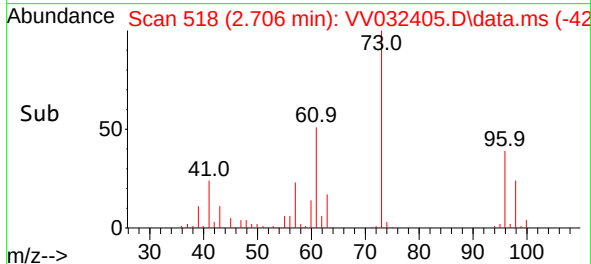
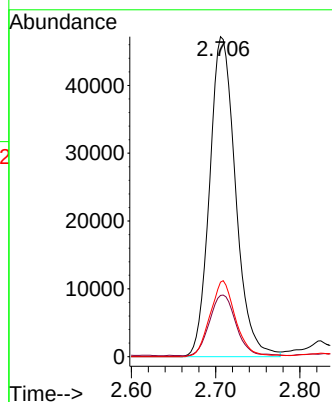
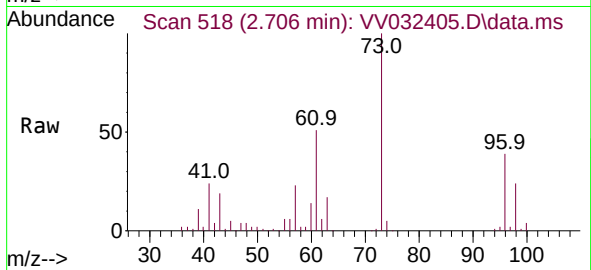




#17
Methyl tert-butyl Ether
Concen: 4.696 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

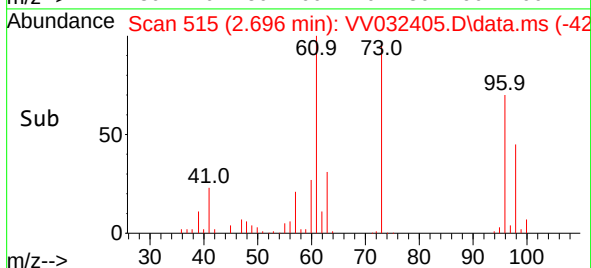
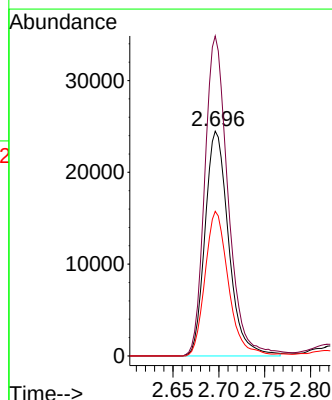
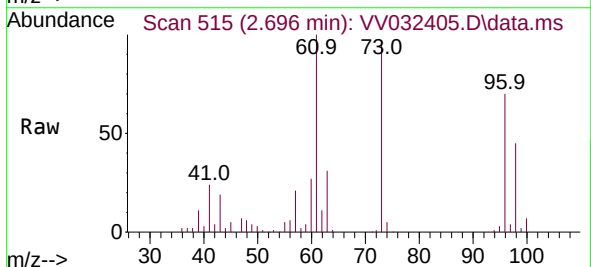
Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

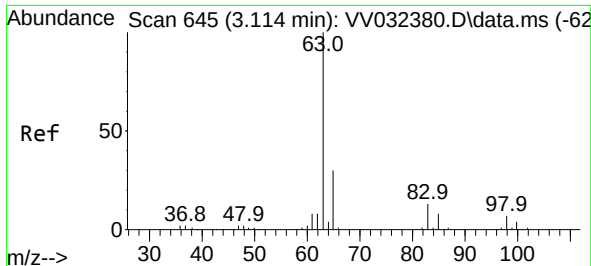
Tgt Ion:	73	Resp:	100992
Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.1	22.7
57	23.1	18.3	27.5



#18
trans-1,2-Dichloroethene
Concen: 4.850 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion:	96	Resp:	43885
Ion	Ratio	Lower	Upper
96	100		
61	142.4	96.9	180.1
98	64.4	45.3	84.1

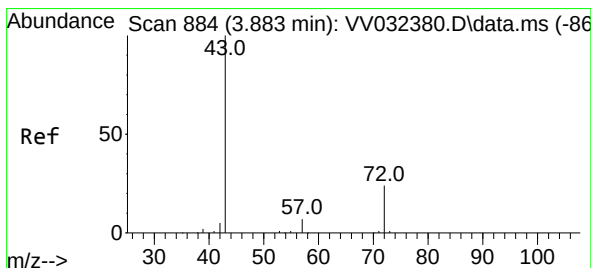
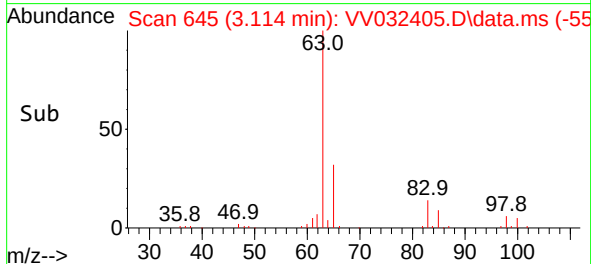
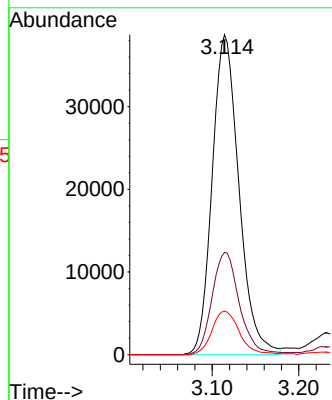
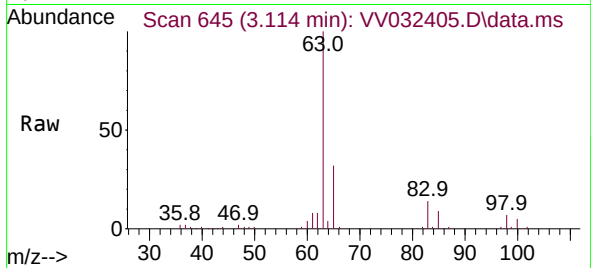




#19
1,1-Dichloroethane
Concen: 4.879 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

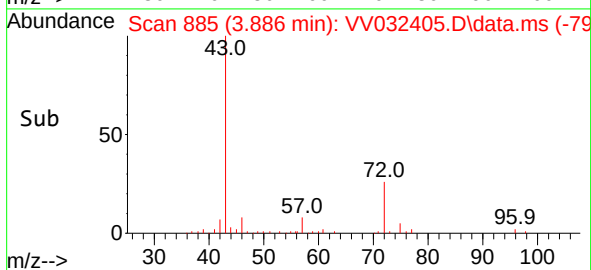
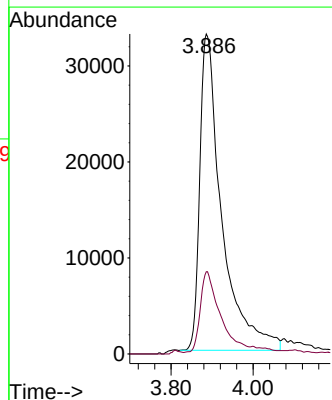
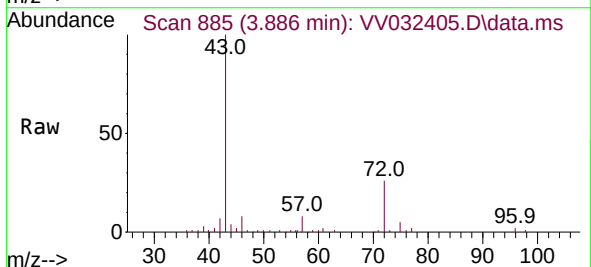
Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

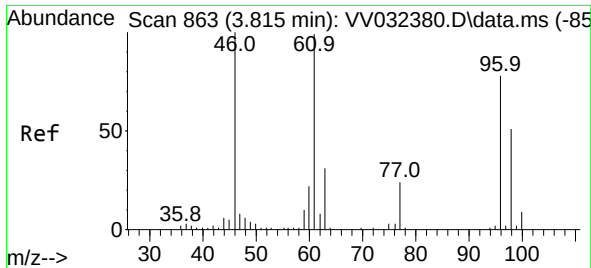
Tgt Ion: 63 Resp: 83047
Ion Ratio Lower Upper
63 100
65 31.9 22.3 41.5
83 13.6 9.0 16.6



#21
2-Butanone
Concen: 45.815 ug/L
RT: 3.886 min Scan# 885
Delta R.T. 0.003 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion: 43 Resp: 122373
Ion Ratio Lower Upper
43 100
72 23.1 11.6 34.8

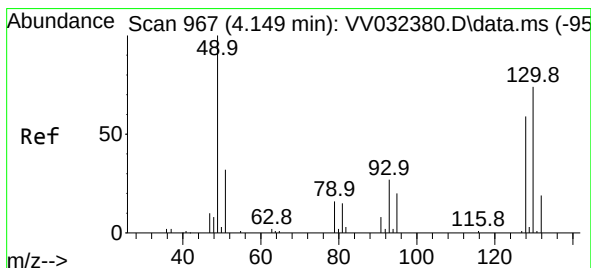
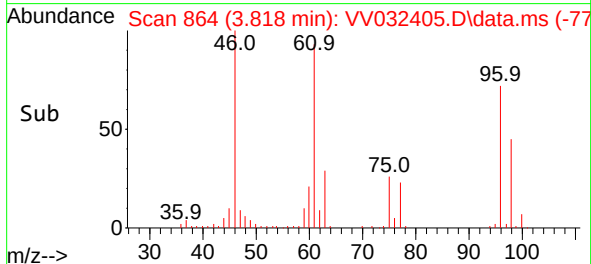
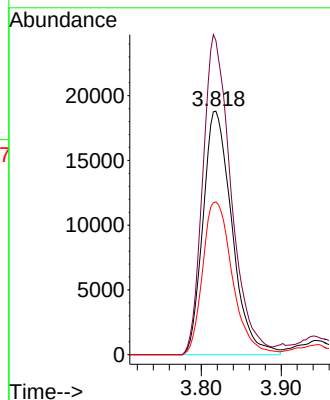
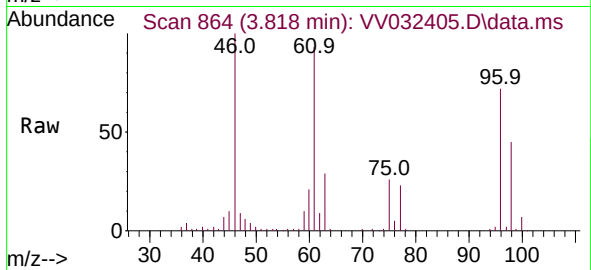




#22
 cis-1,2-Dichloroethene
 Concen: 4.851 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.003 min
 Lab File: VV032405.D
 Acq: 11 Oct 2023 19:57

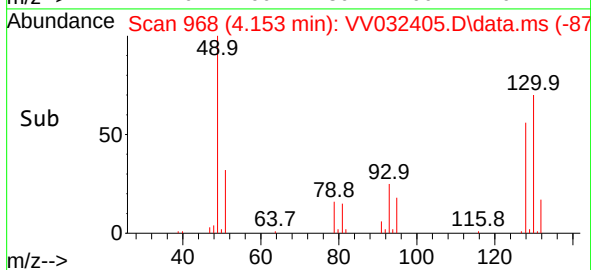
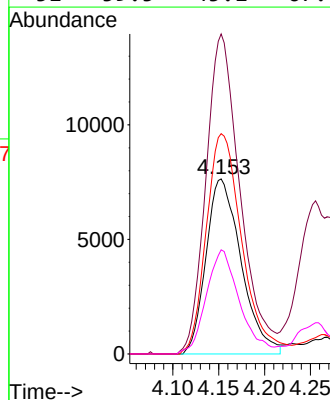
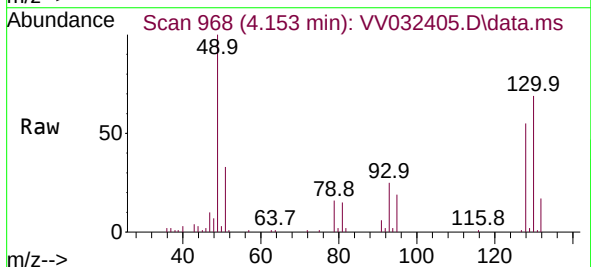
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

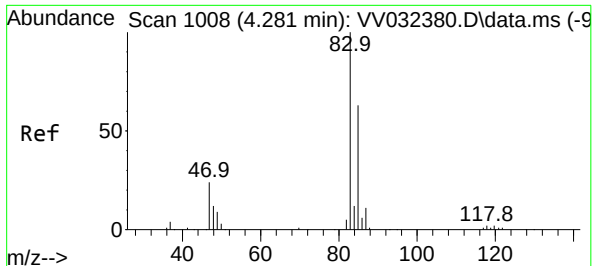
Tgt Ion: 96 Resp: 47267
 Ion Ratio Lower Upper
 96 100
 61 129.0 85.8 159.4
 98 62.7 44.0 81.6



#23
 Bromochloromethane
 Concen: 4.965 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV032405.D
 Acq: 11 Oct 2023 19:57

Tgt Ion: 128 Resp: 20349
 Ion Ratio Lower Upper
 128 100
 49 182.8 121.2 225.0
 130 125.8 88.2 163.8
 51 59.5 45.1 67.7

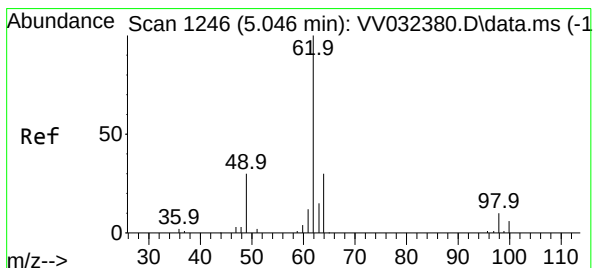
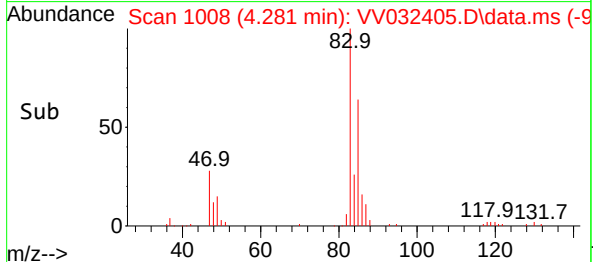
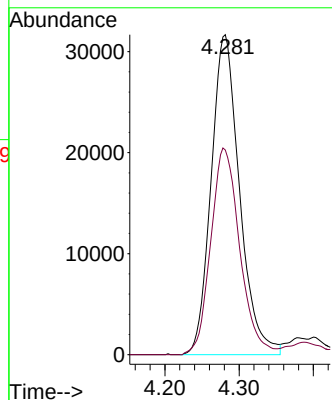
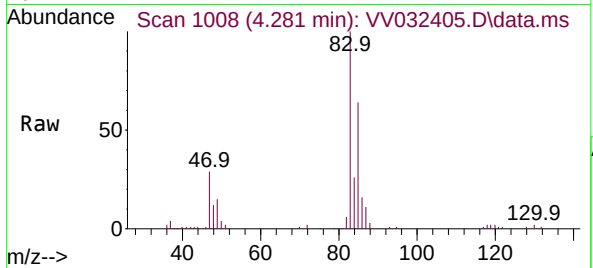




#25
Chloroform
Concen: 5.049 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

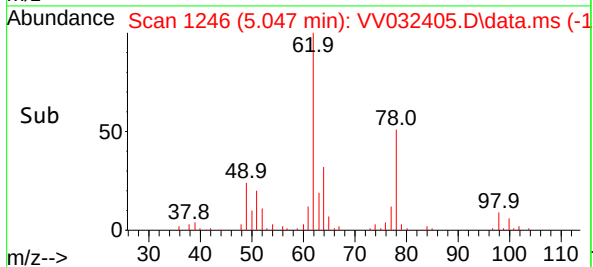
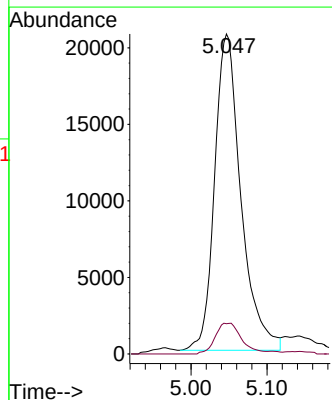
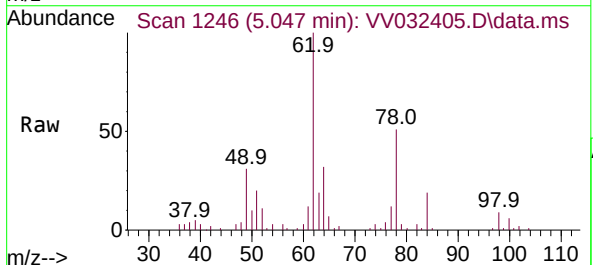
Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

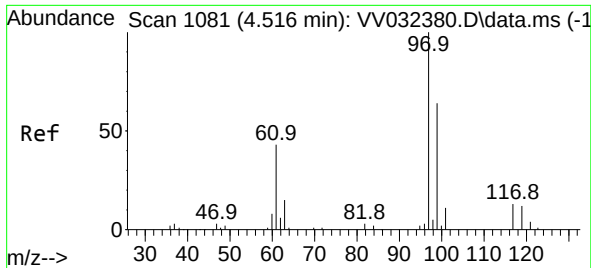
Tgt Ion: 83 Resp: 84329
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.043 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion: 62 Resp: 49755
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.336 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005281

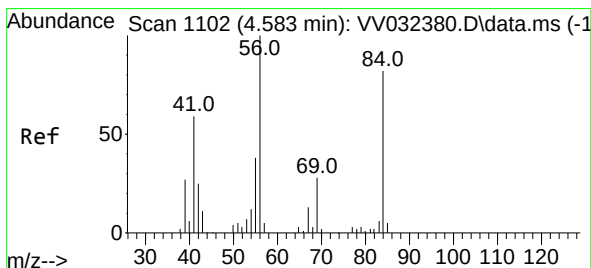
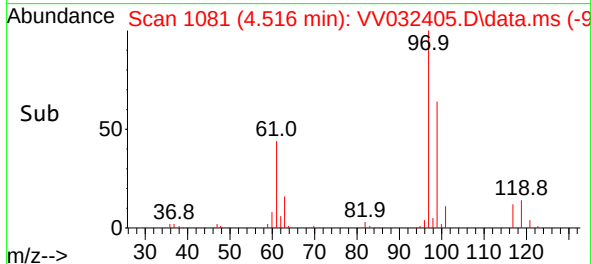
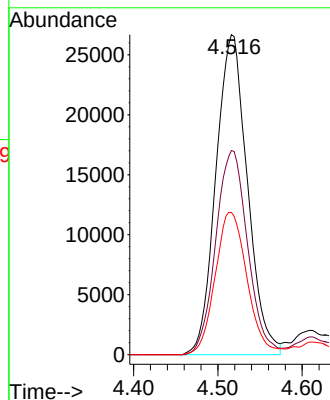
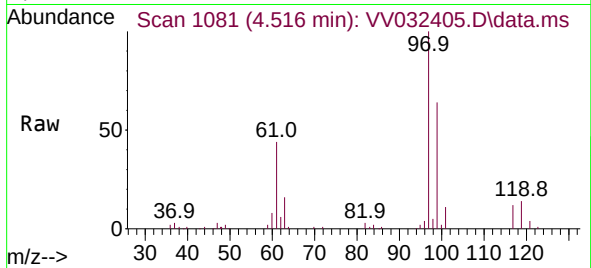
Tgt Ion: 97 Resp: 69269

Ion Ratio Lower Upper

97 100

99 64.7 50.1 75.1

61 45.3 35.1 52.7



#30

Cyclohexane

Concen: 3.921 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

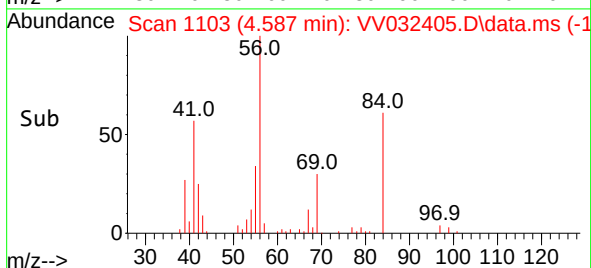
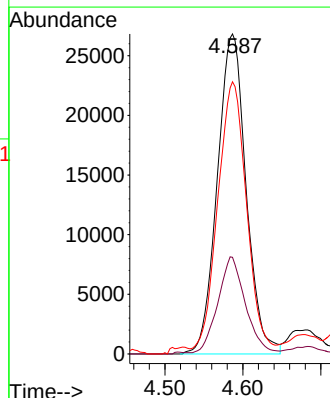
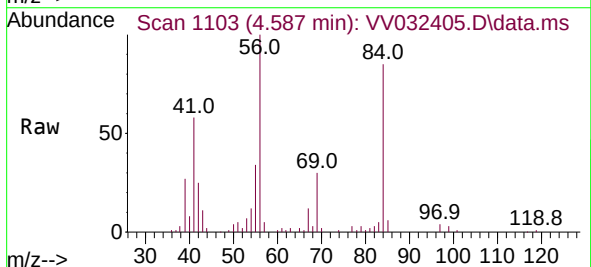
Tgt Ion: 56 Resp: 68833

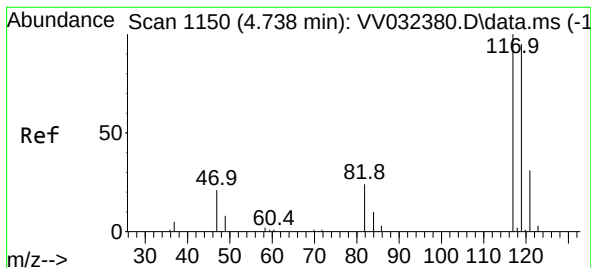
Ion Ratio Lower Upper

56 100

69 28.2 24.2 36.2

84 82.6 68.1 102.1





#31

Carbon tetrachloride

Concen: 4.406 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.000 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

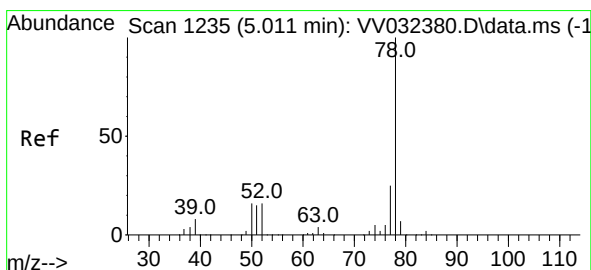
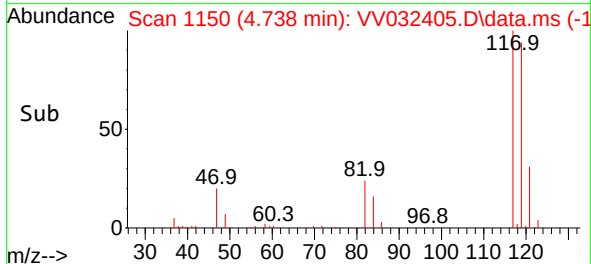
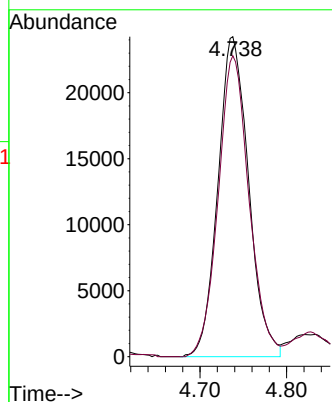
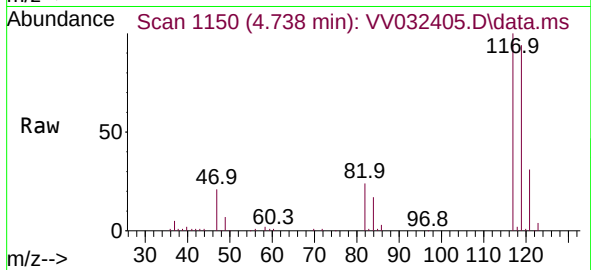
VSTD005281

Tgt Ion:117 Resp: 59550

Ion Ratio Lower Upper

117 100

119 94.6 77.6 116.4



#33

Benzene

Concen: 4.323 ug/L

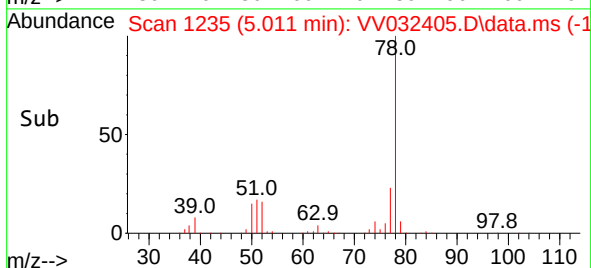
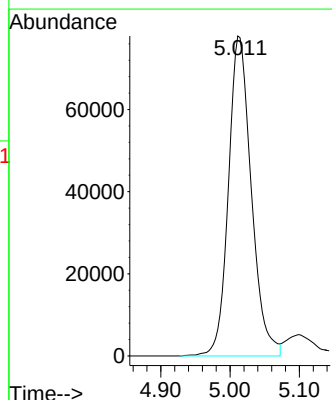
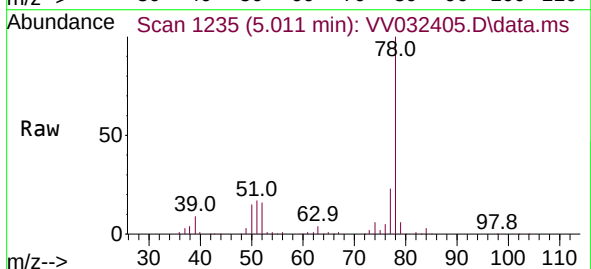
RT: 5.011 min Scan# 1235

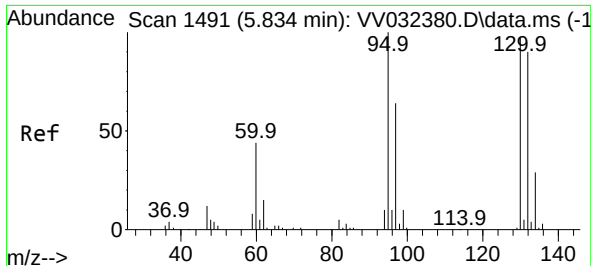
Delta R.T. 0.000 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

Tgt Ion: 78 Resp: 178831



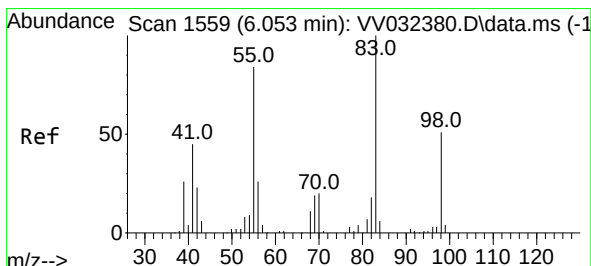
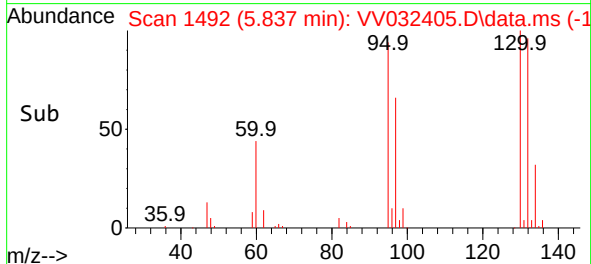
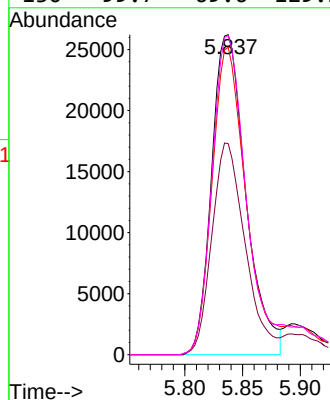
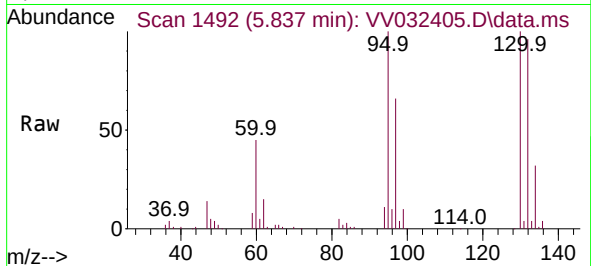


#34
Trichloroethene
Concen: 4.768 ug/L
RT: 5.837 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

Tgt Ion: 95 Resp: 53848

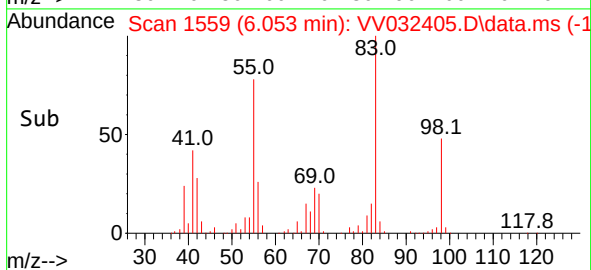
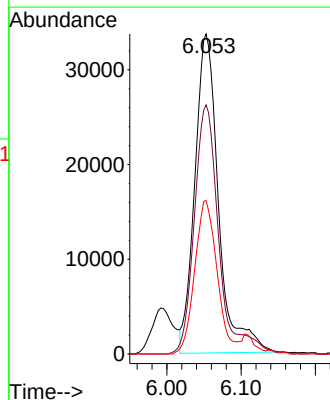
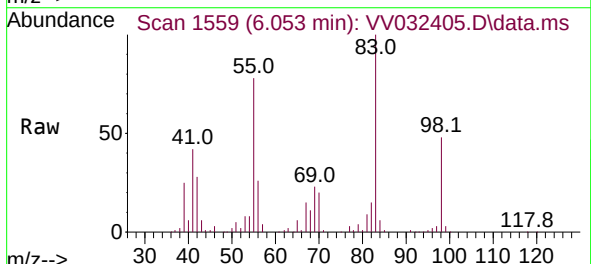
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.7	84.9
132	96.0	70.3	130.5
130	99.7	69.6	129.2

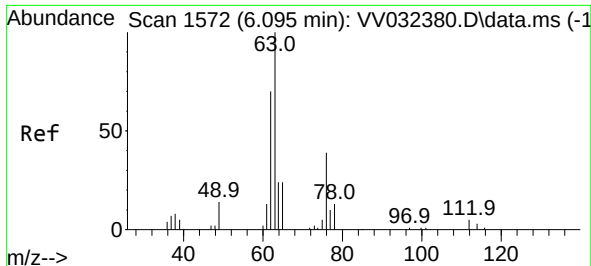


#35
Methylcyclohexane
Concen: 4.286 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion: 83 Resp: 74910

Ion	Ratio	Lower	Upper
83	100		
55	80.9	64.2	96.2
98	45.3	39.6	59.4





#37

1,2-Dichloropropane

Concen: 4.158 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

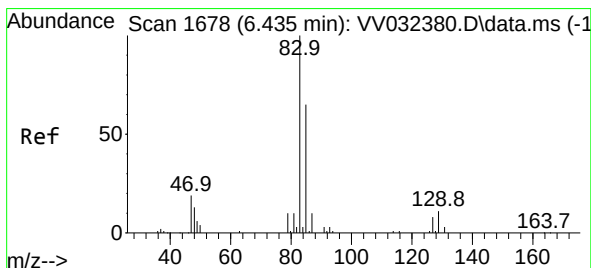
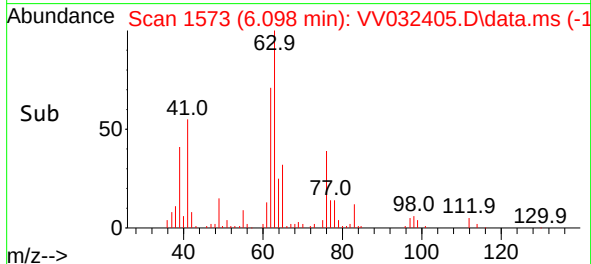
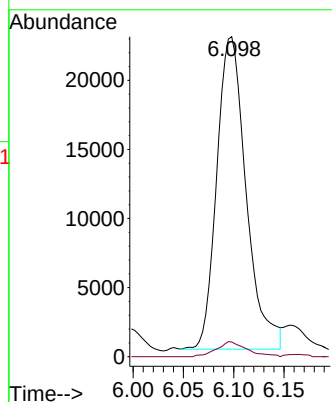
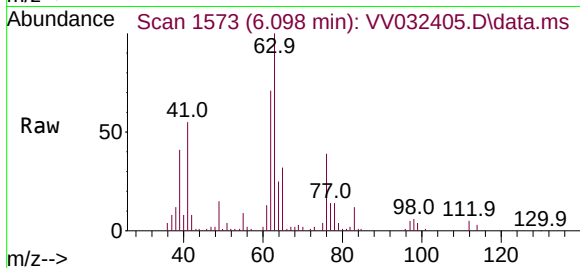
VSTD005281

Tgt Ion: 63 Resp: 46000

Ion Ratio Lower Upper

63 100

112 4.9 3.4 5.2



#38

Bromodichloromethane

Concen: 4.761 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

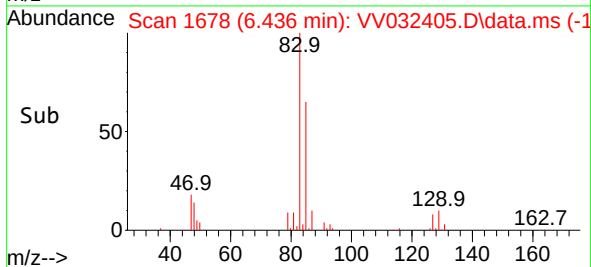
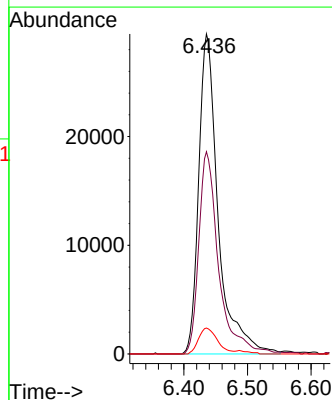
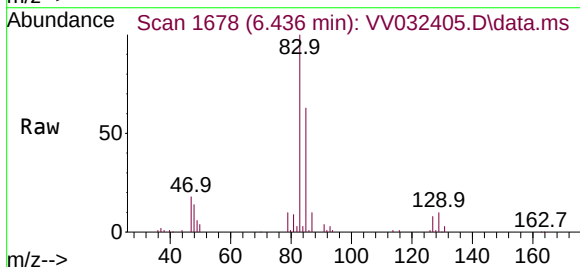
Tgt Ion: 83 Resp: 62582

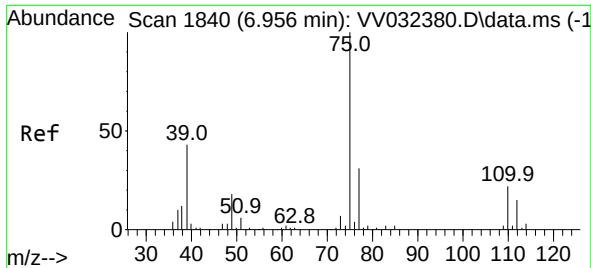
Ion Ratio Lower Upper

83 100

85 63.2 44.9 83.3

127 8.1 6.9 10.3

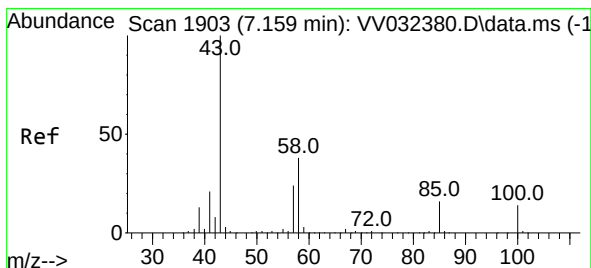
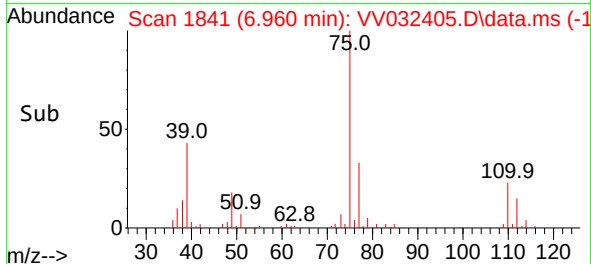
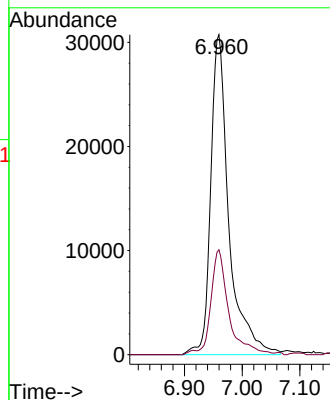
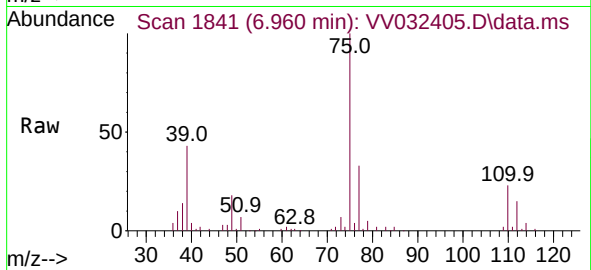




#39
 cis-1,3-Dichloropropene
 Concen: 4.262 ug/L
 RT: 6.960 min Scan# 1840
 Delta R.T. 0.003 min
 Lab File: VV032405.D
 Acq: 11 Oct 2023 19:57

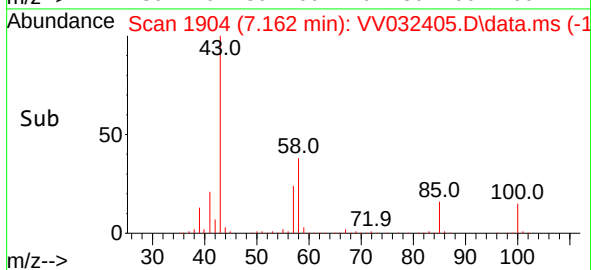
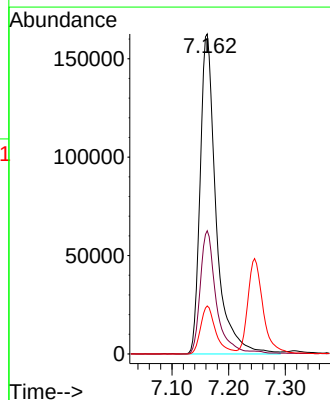
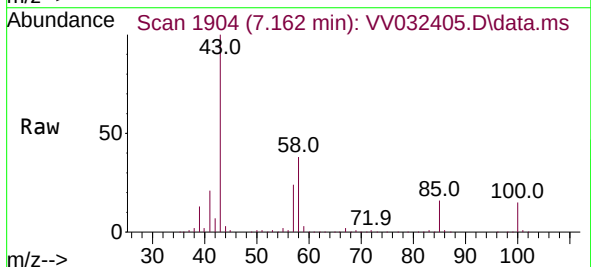
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

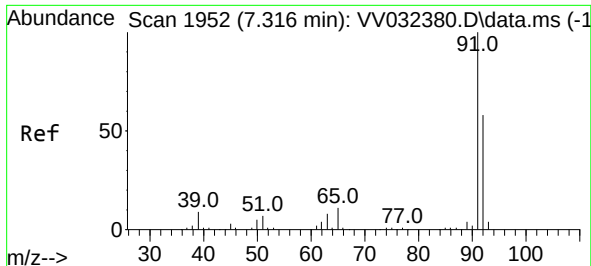
Tgt Ion: 75 Resp: 67106
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 45.411 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.003 min
 Lab File: VV032405.D
 Acq: 11 Oct 2023 19:57

Tgt Ion: 43 Resp: 317927
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.9 47.9
 100 14.3 11.3 16.9





#42

Toluene

Concen: 4.638 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

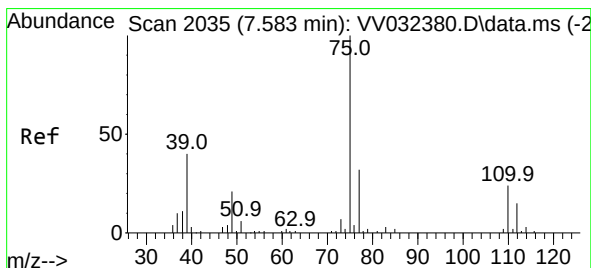
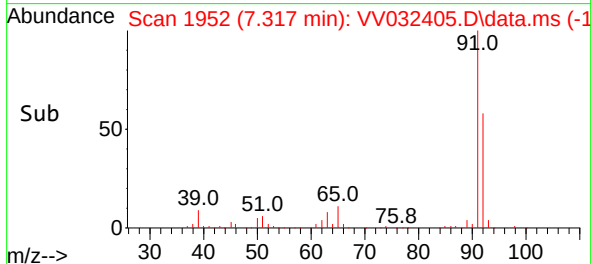
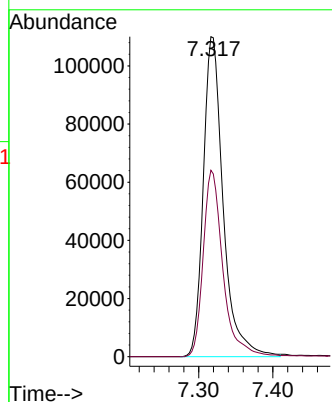
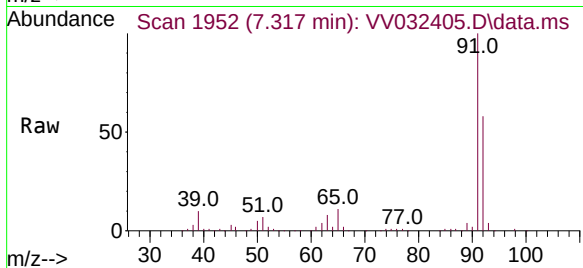
VSTD005281

Tgt Ion: 91 Resp: 204517

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.245 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV032405.D

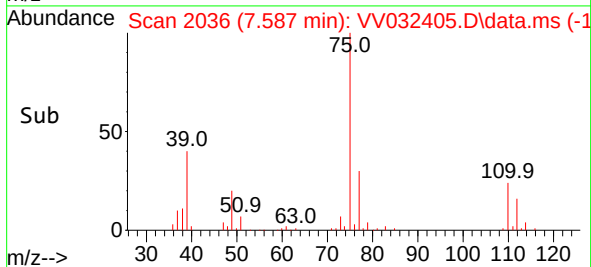
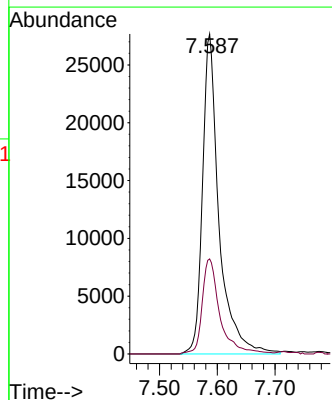
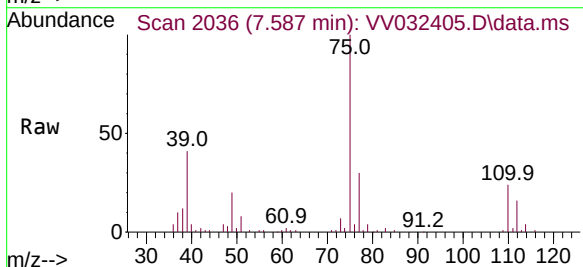
Acq: 11 Oct 2023 19:57

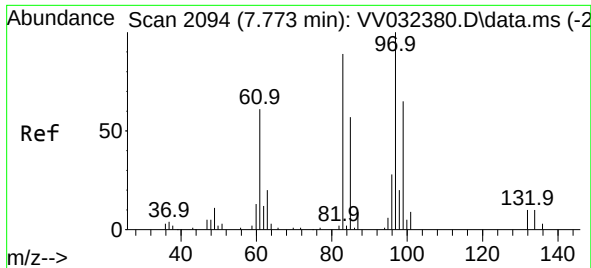
Tgt Ion: 75 Resp: 54926

Ion Ratio Lower Upper

75 100

77 29.7 22.5 41.7

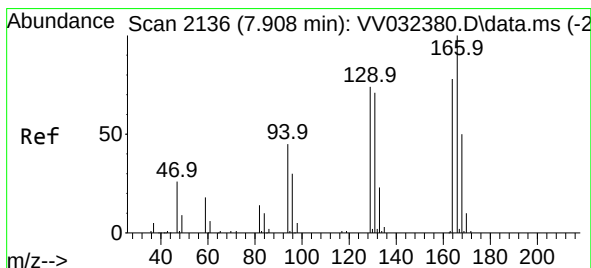
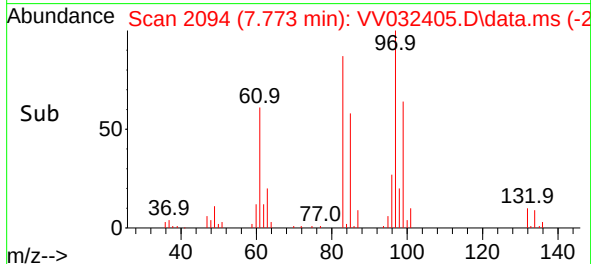
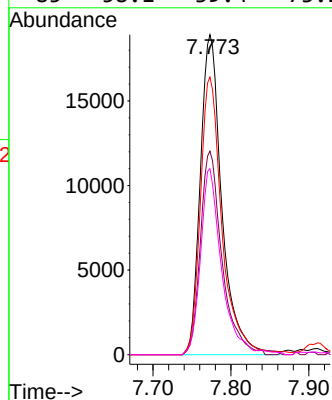
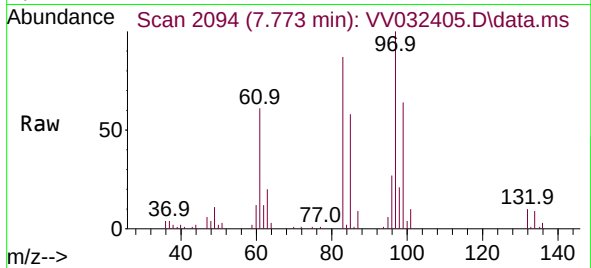




#45
1,1,2-Trichloroethane
Concen: 4.662 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

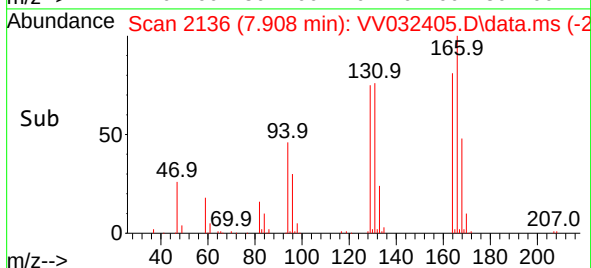
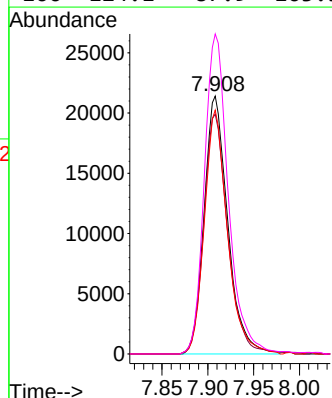
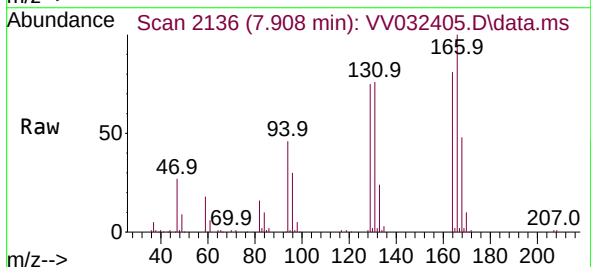
Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

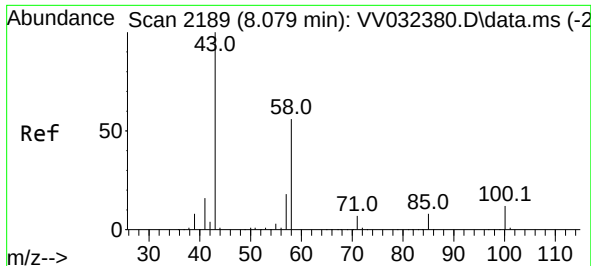
Tgt Ion:	97	Resp:	36380
Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.8	79.4
83	86.8	60.9	113.1
85	58.1	39.4	73.2



#47
Tetrachloroethene
Concen: 4.486 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion:	164	Resp:	38421
Ion	Ratio	Lower	Upper
164	100		
129	93.0	66.4	123.4
131	94.5	63.7	118.3
166	124.1	87.9	163.3



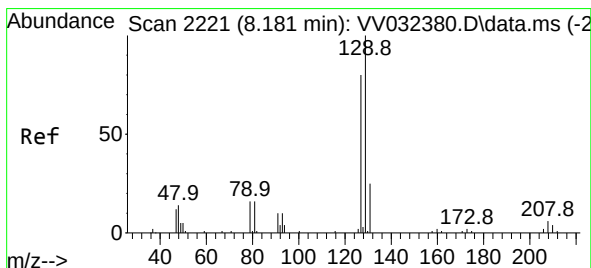
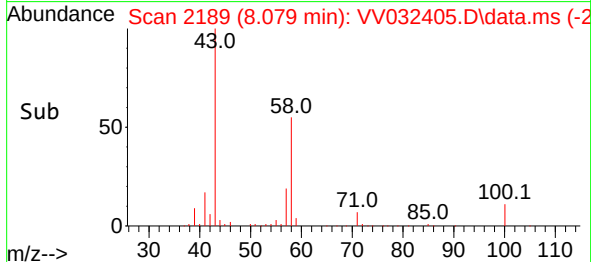
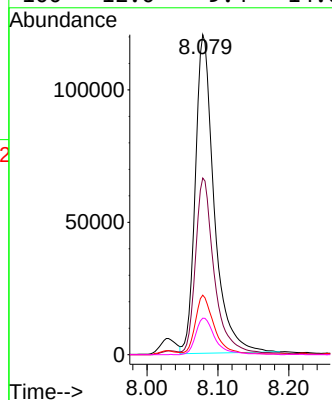
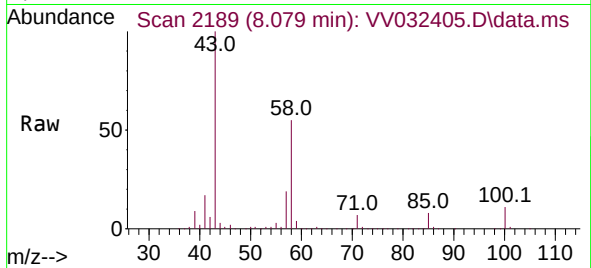


#48
2-Hexanone
Concen: 44.946 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

Tgt Ion: 43 Resp: 222012

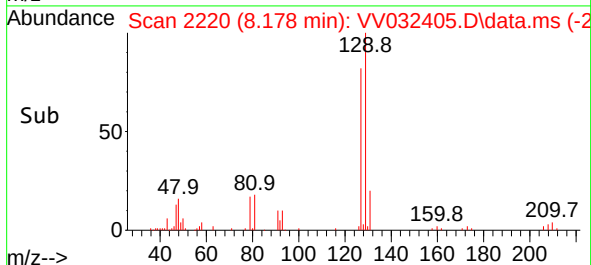
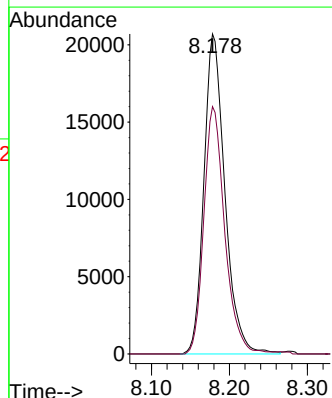
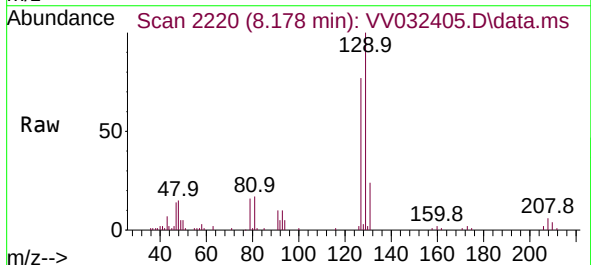
Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.6	65.4
57	18.7	14.6	22.0
100	12.0	9.4	14.0

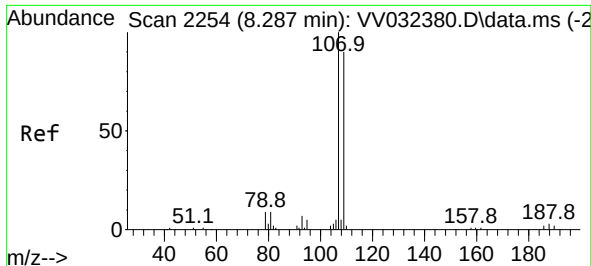


#49
Dibromochloromethane
Concen: 4.760 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.003 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion: 129 Resp: 38673

Ion	Ratio	Lower	Upper
129	100		
127	77.3	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.659 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005281

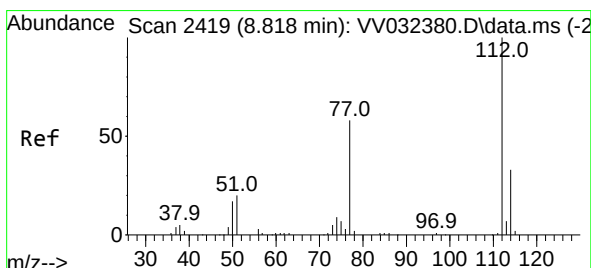
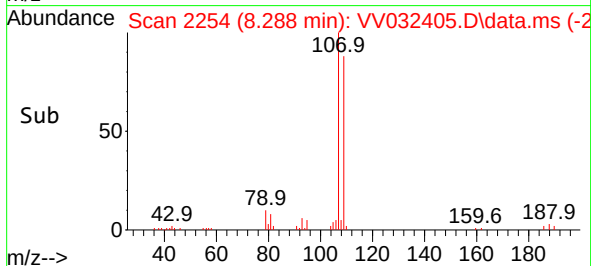
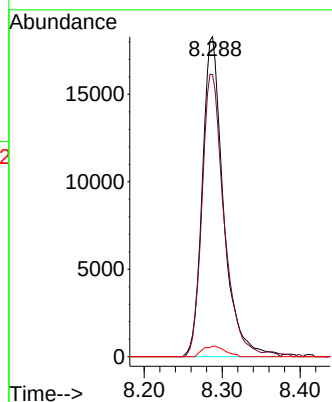
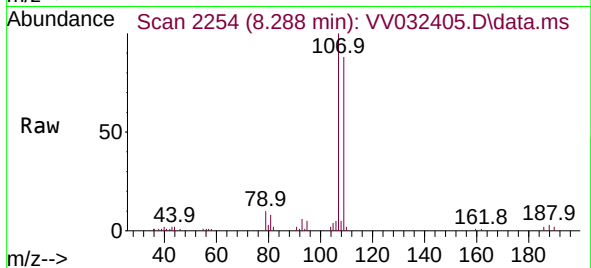
Tgt Ion:107 Resp: 34388

Ion Ratio Lower Upper

107 100

109 88.2 68.4 127.0

188 3.2 3.2 4.8



#51

Chlorobenzene

Concen: 4.477 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.003 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

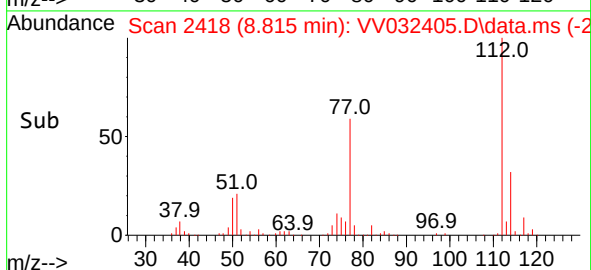
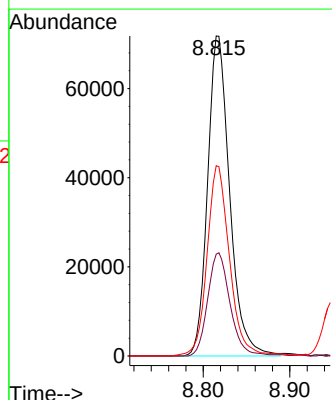
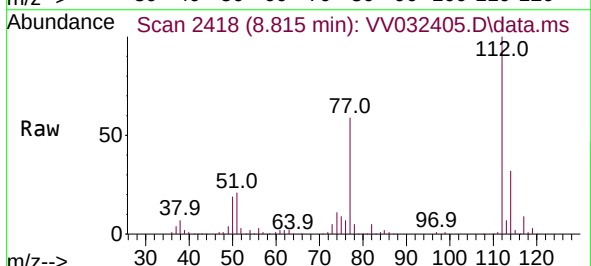
Tgt Ion:112 Resp: 127120

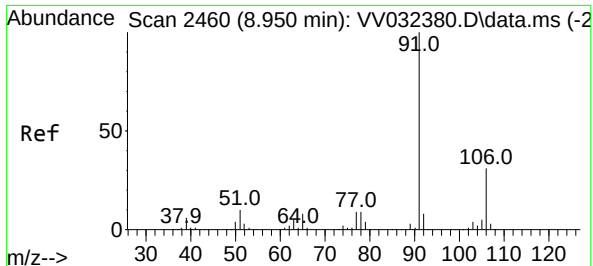
Ion Ratio Lower Upper

112 100

114 31.8 22.1 41.1

77 59.4 46.1 69.1





#52

Ethylbenzene

Concen: 4.523 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

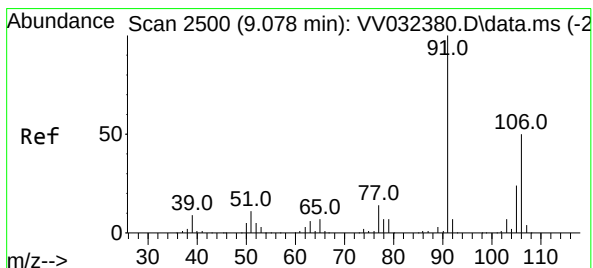
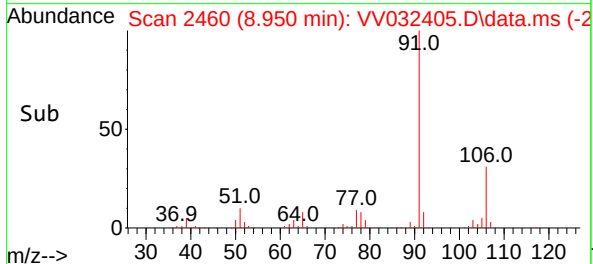
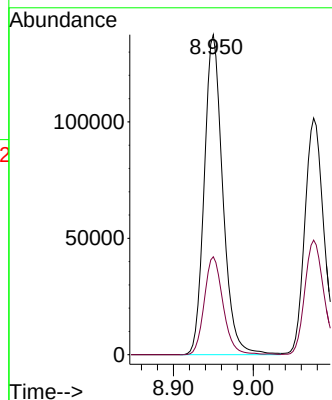
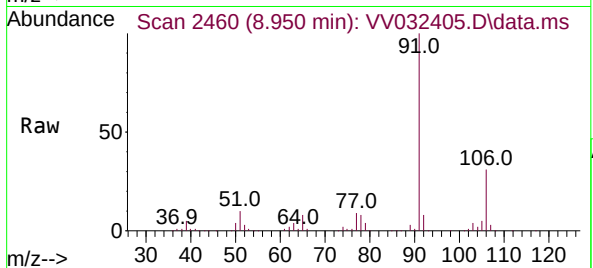
VSTD005281

Tgt Ion: 91 Resp: 222114

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.5



#53

m,p-Xylene

Concen: 4.625 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. -0.003 min

Lab File: VV032405.D

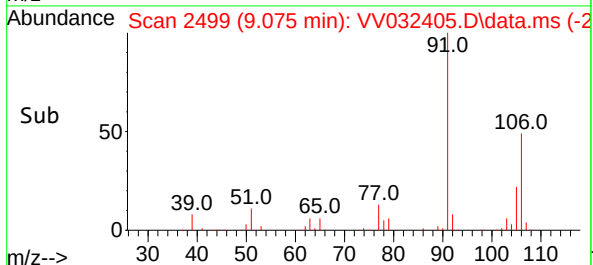
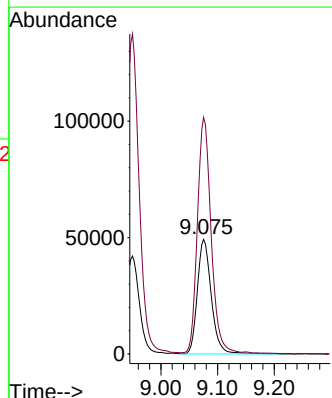
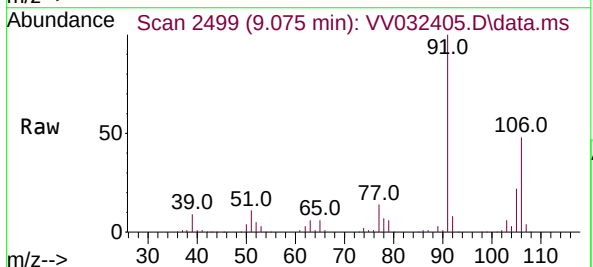
Acq: 11 Oct 2023 19:57

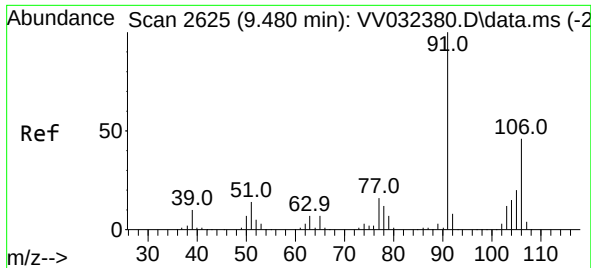
Tgt Ion: 106 Resp: 84238

Ion Ratio Lower Upper

106 100

91 206.5 144.5 268.3

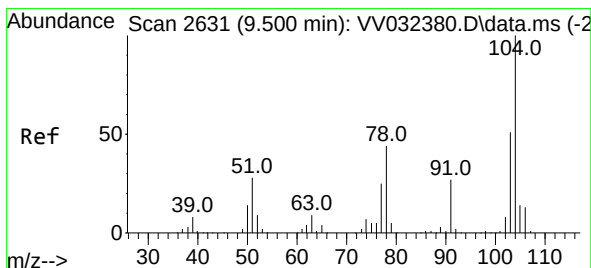
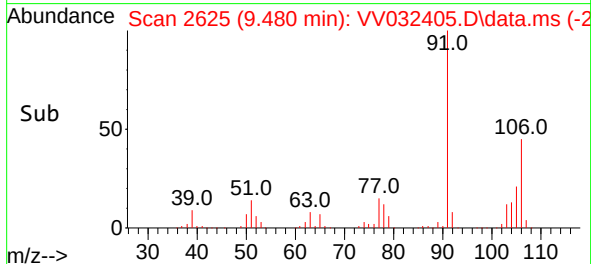
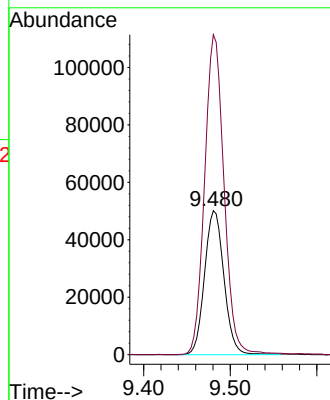
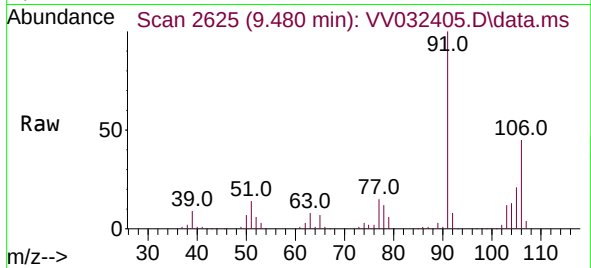




#54
o-Xylene
Concen: 4.454 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

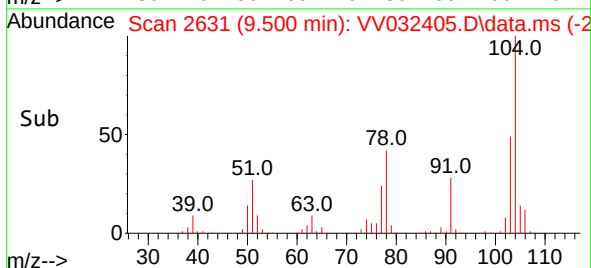
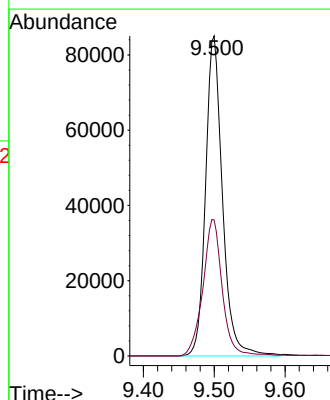
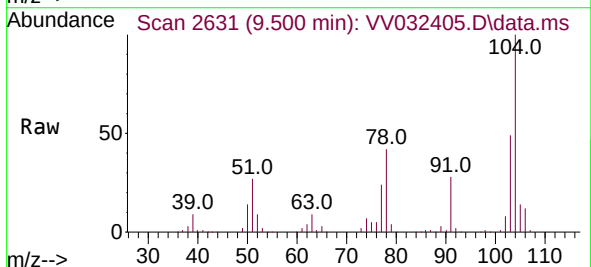
Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

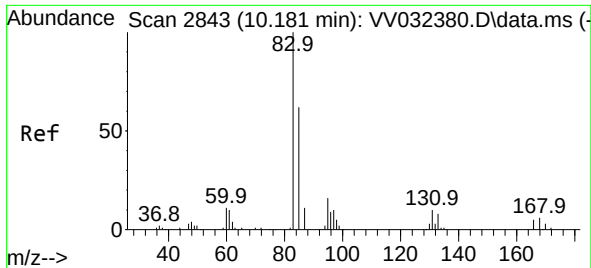
Tgt Ion:106 Resp: 78157
Ion Ratio Lower Upper
106 100
91 222.1 154.8 287.4



#55
Styrene
Concen: 4.757 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion:104 Resp: 140989
Ion Ratio Lower Upper
104 100
78 42.5 29.9 55.5

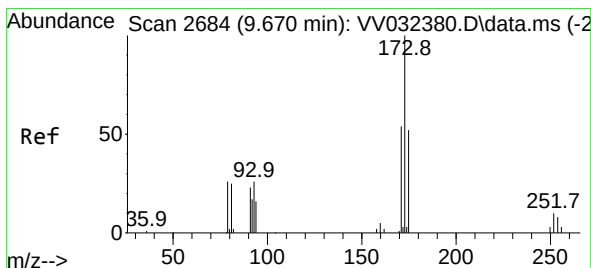
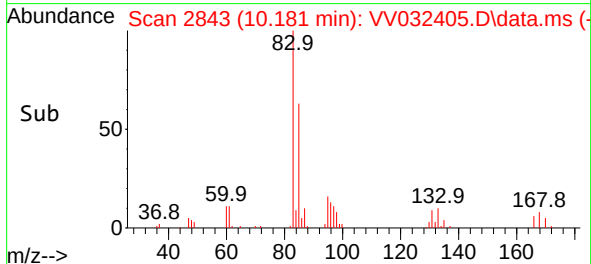
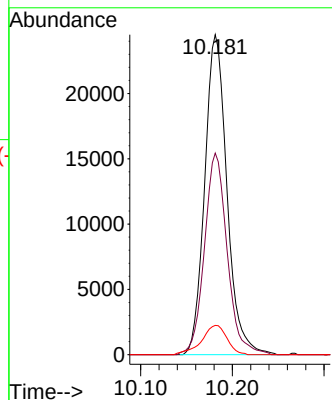
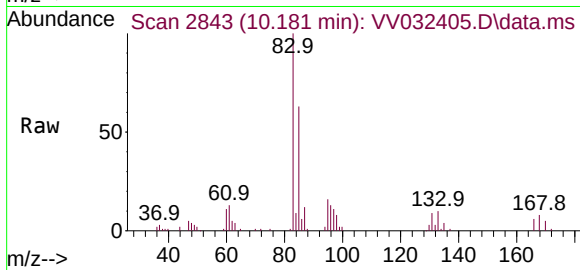




#57
1,1,2,2-Tetrachloroethane
Concen: 4.813 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

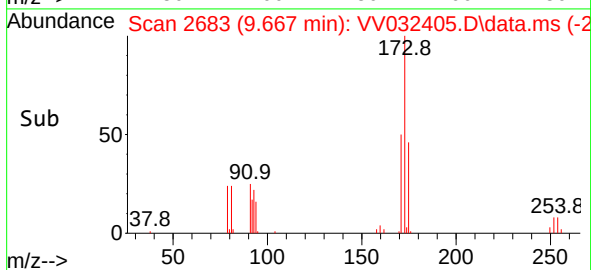
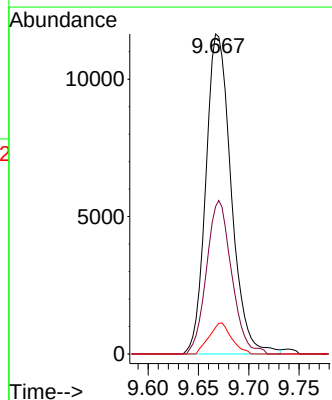
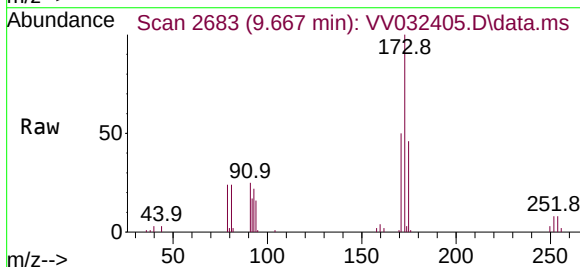
Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

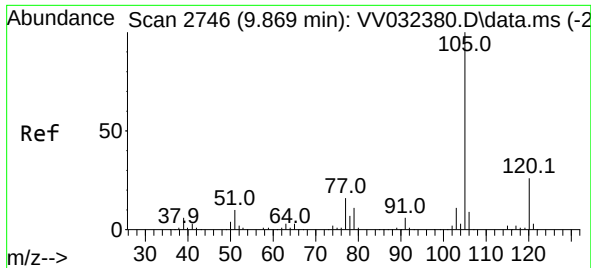
Tgt Ion: 83 Resp: 41333
Ion Ratio Lower Upper
83 100
85 63.0 43.6 81.0
131 9.2 7.0 10.6



#59
Bromoform
Concen: 4.529 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.003 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion: 173 Resp: 20383
Ion Ratio Lower Upper
173 100
175 47.6 38.2 57.2
254 8.5 7.0 10.4

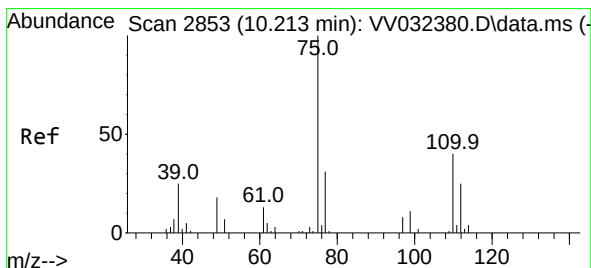
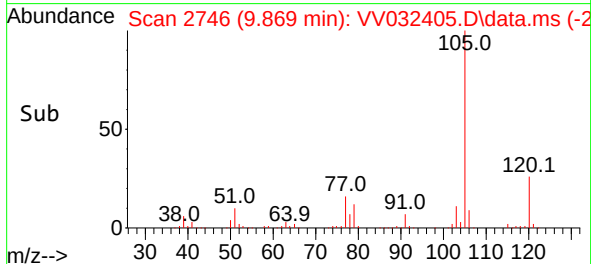
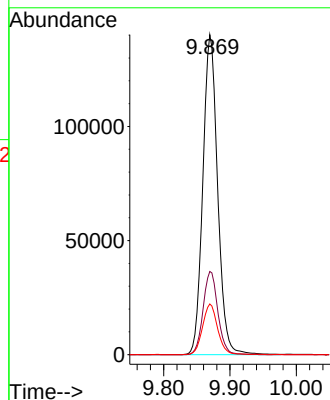
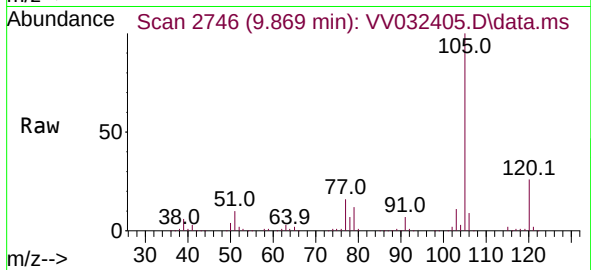




#60
Isopropylbenzene
Concen: 4.519 ug/L
RT: 9.869 min Scan# 217349
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

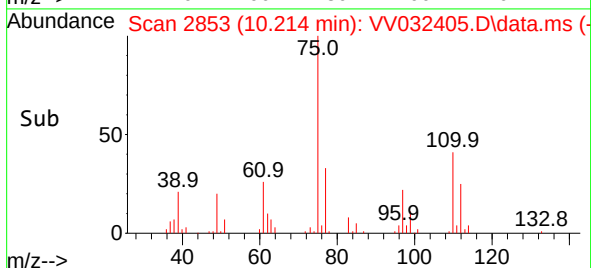
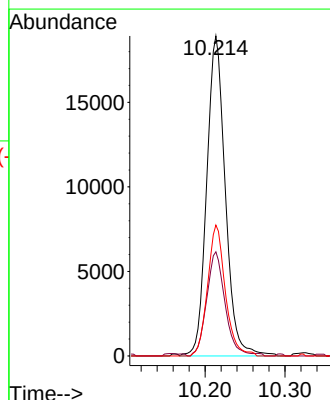
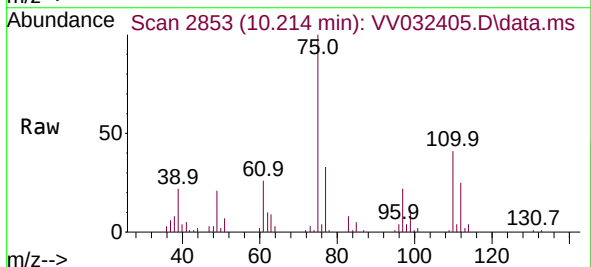
Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

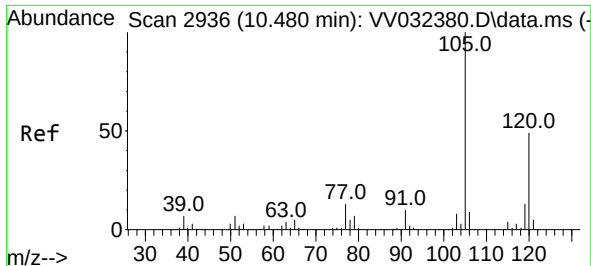
Tgt Ion:105 Resp: 217349
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.651 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion: 75 Resp: 30640
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 39.1 30.6 46.0

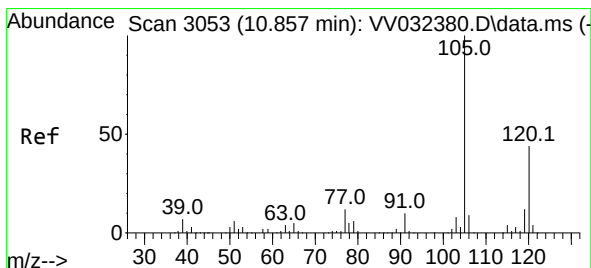
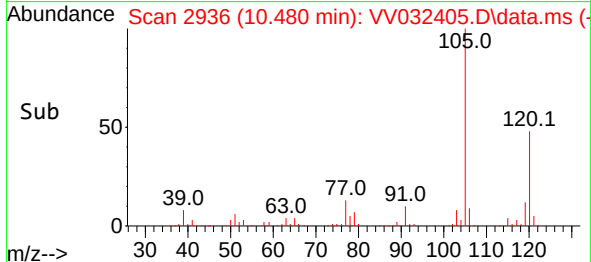
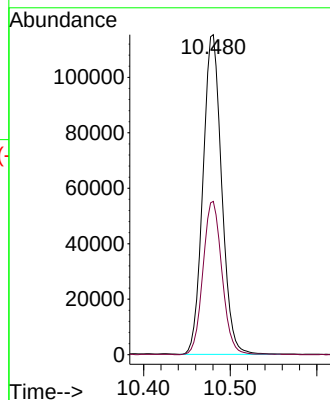
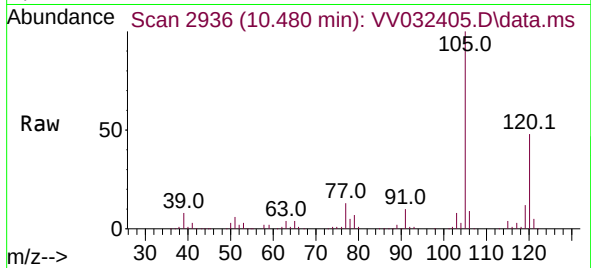




#62
1,3,5-Trimethylbenzene
Concen: 4.414 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

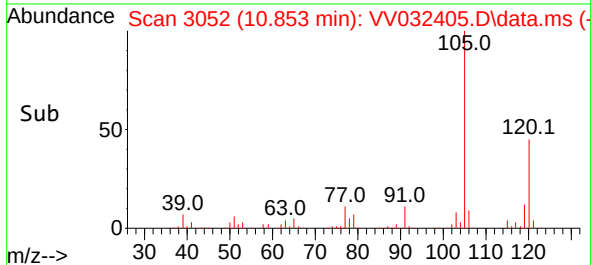
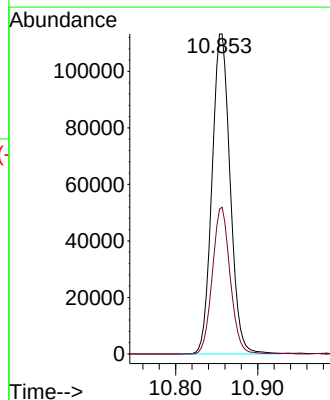
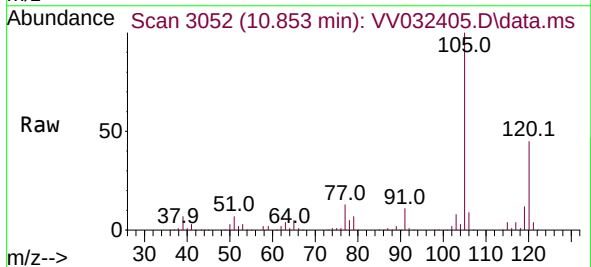
Instrument : MSVOA_V
ClientSampleId : VSTD005281

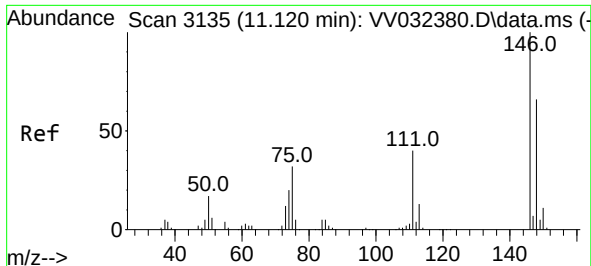
Tgt Ion:105 Resp: 173026
Ion Ratio Lower Upper
105 100
120 48.8 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 4.473 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion:105 Resp: 174568
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.4

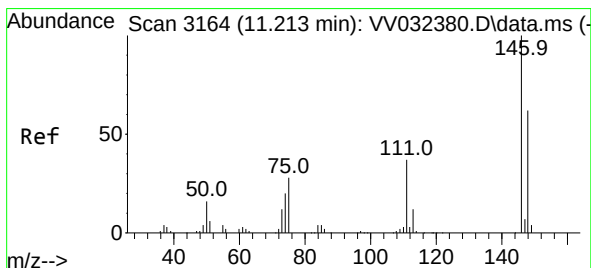
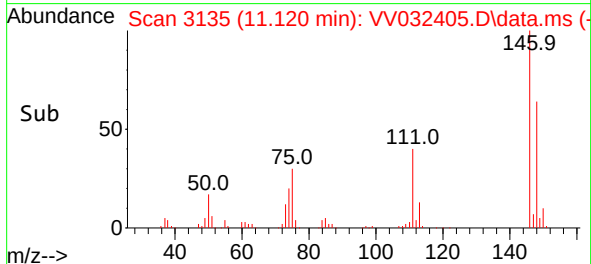
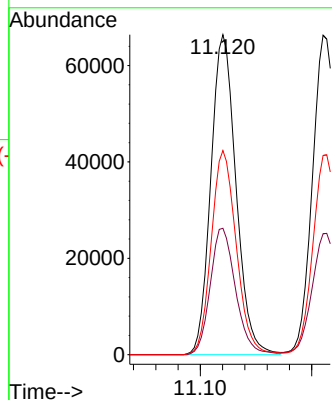
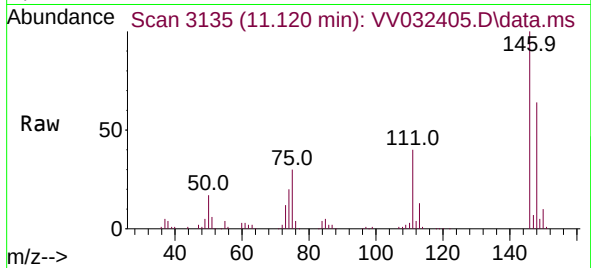




#64
1,3-Dichlorobenzene
Concen: 4.529 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

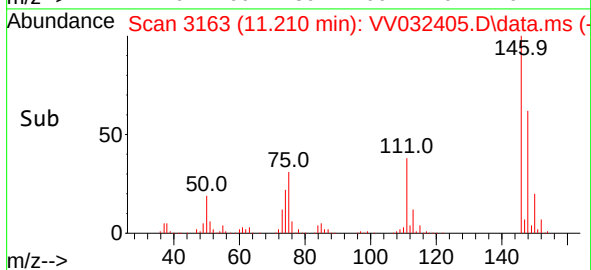
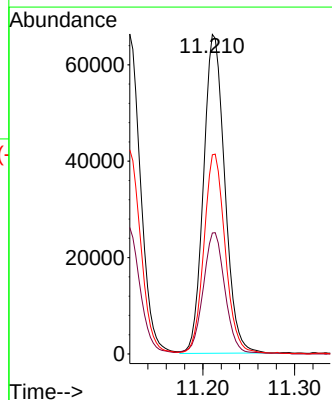
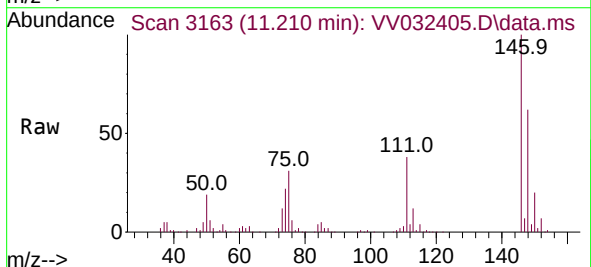
Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

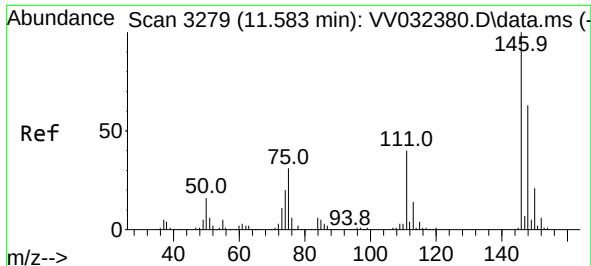
Tgt Ion:146 Resp: 104065
Ion Ratio Lower Upper
146 100
111 39.5 27.8 51.6
148 63.8 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 4.621 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion:146 Resp: 106516
Ion Ratio Lower Upper
146 100
111 37.9 26.9 49.9
148 62.3 44.8 83.2

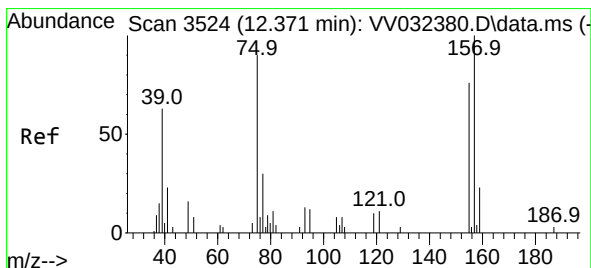
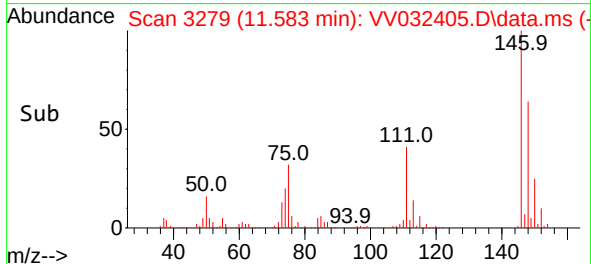
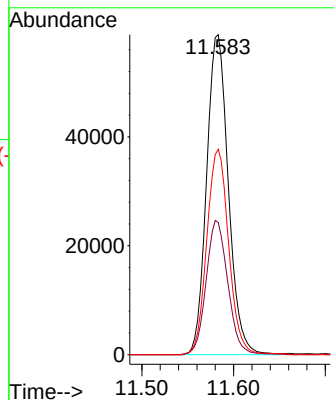
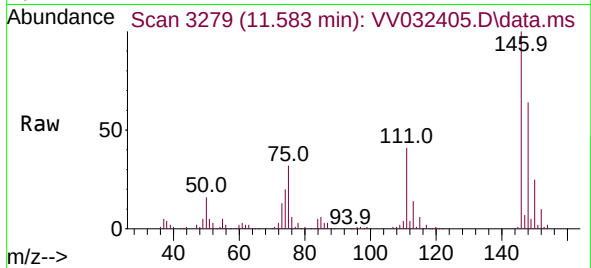




#67
1,2-Dichlorobenzene
Concen: 4.617 ug/L
RT: 11.583 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

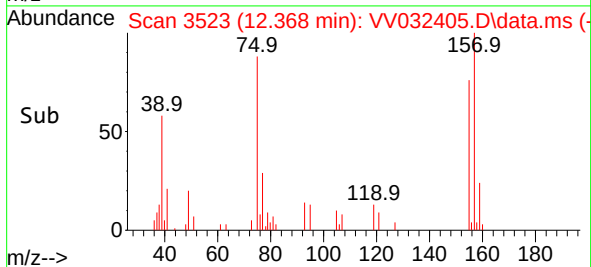
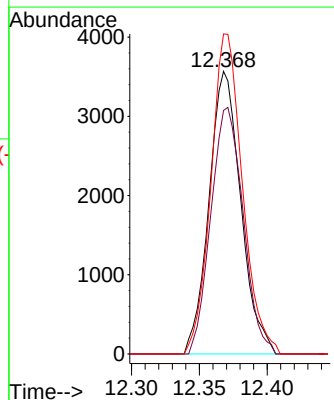
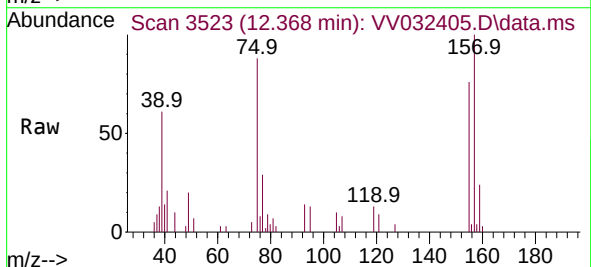
Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

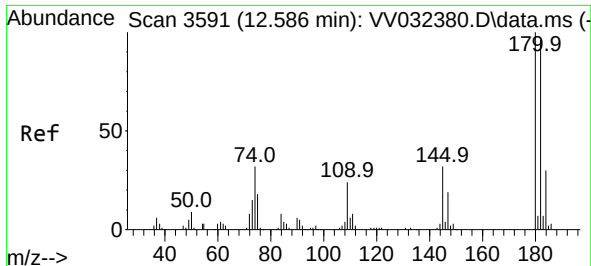
Tgt Ion:146 Resp: 96766
Ion Ratio Lower Upper
146 100
111 41.3 32.8 49.2
148 64.2 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.322 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.003 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion: 75 Resp: 5817
Ion Ratio Lower Upper
75 100
155 86.2 70.2 105.4
157 113.3 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 4.406 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.000 min

Lab File: VV032405.D

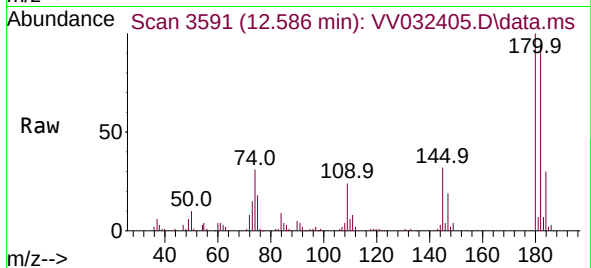
Acq: 11 Oct 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005281



Tgt Ion:180 Resp: 74134

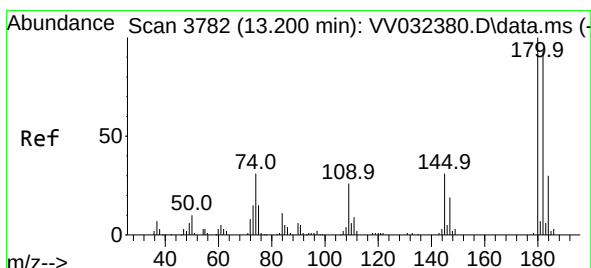
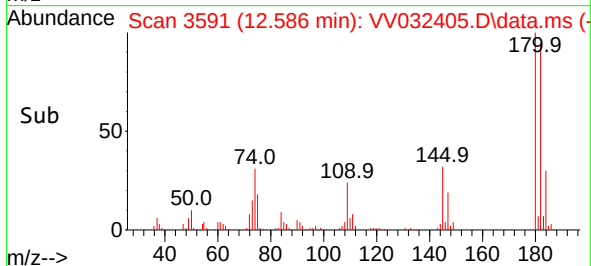
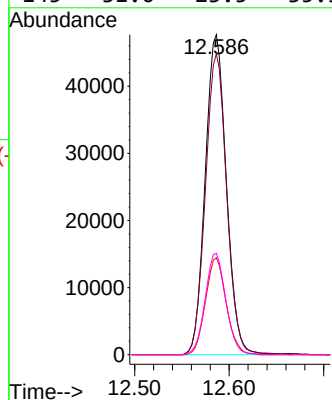
Ion Ratio Lower Upper

180 100

182 94.4 74.6 112.0

184 29.6 24.1 36.1

145 31.0 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.244 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032405.D

Acq: 11 Oct 2023 19:57

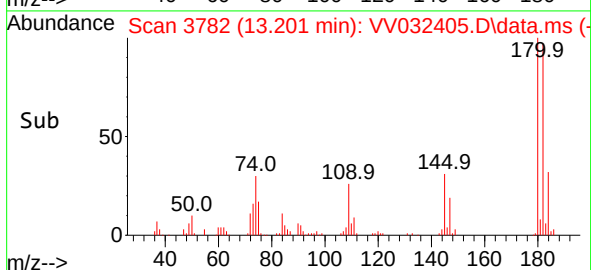
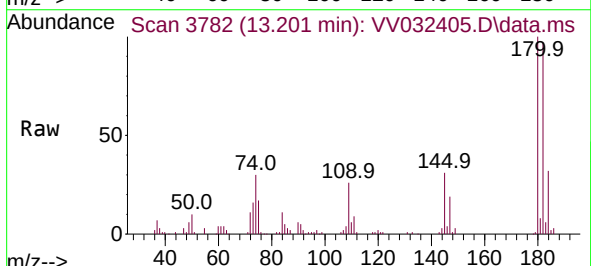
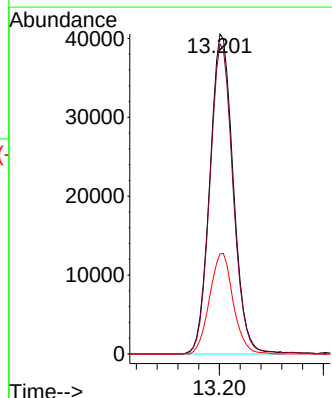
Tgt Ion:180 Resp: 63346

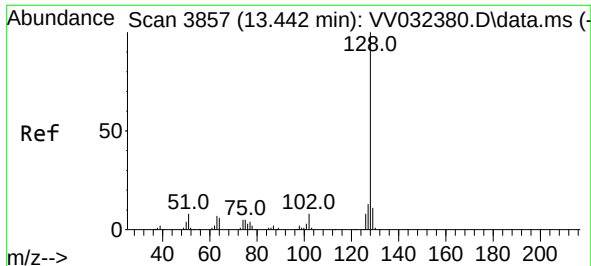
Ion Ratio Lower Upper

180 100

182 96.0 76.5 114.7

145 31.7 24.3 36.5

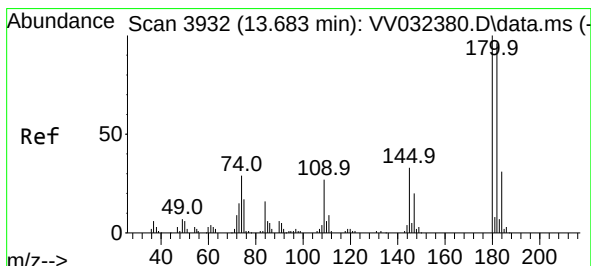
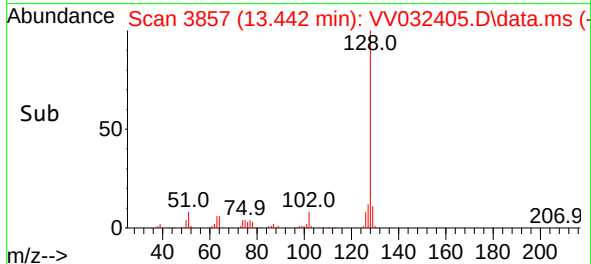
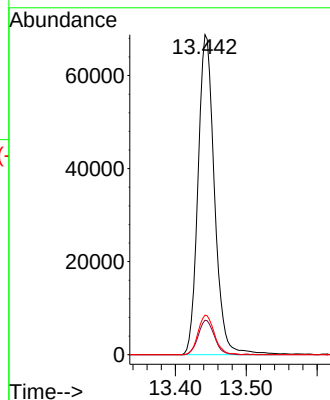
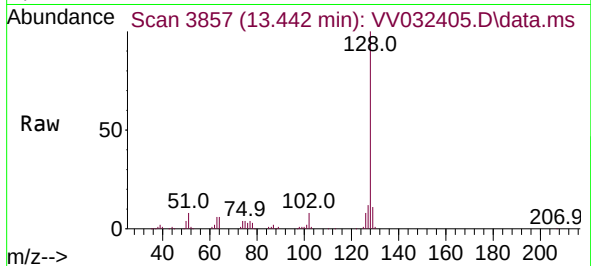




#71
Naphthalene
Concen: 4.368 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005281

Tgt Ion:128 Resp: 110748
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.3 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.600 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032405.D
Acq: 11 Oct 2023 19:57

Tgt Ion:180 Resp: 59164
Ion Ratio Lower Upper
180 100
182 94.2 77.0 115.4
145 32.4 25.7 38.5

