

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028732.D
 Acq On : 27 Oct 2022 20:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Quant Time: Oct 28 02:21:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	196979	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	186076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	89024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	60211	4.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.564	69	56975	4.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.105	63	128723	4.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	3.895	46	155864	49.896	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.800%
24) Chloroform-d	4.342	84	121231	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.030	65	59611	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.047	84	228878	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.066	67	79421	5.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.310	98	191335	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.622	79	18458	3.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.088	63	131548	57.745	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.480%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	55574	5.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	62981	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44662	5.377	ug/L	95
3) Chloromethane	1.236	50	81791	5.274	ug/L	98
5) Vinyl chloride	1.307	62	80056	5.195	ug/L	98
6) Bromomethane	1.519	94	37771	5.131	ug/L	98
8) Chloroethane	1.584	64	111422	10.635	ug/L	87
9) Trichlorofluoromethane	1.751	101	111730	5.441	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	62655	5.135	ug/L	99
12) 1,1-Dichloroethene	2.114	96	59202	5.469	ug/L	83
13) Acetone	2.185	43	115234	62.150	ug/L	100
14) Carbon disulfide	2.291	76	104884	4.196	ug/L	100
15) Methyl Acetate	2.436	43	28208	5.014	ug/L	94
16) Methylene chloride	2.503	84	72394	4.849	ug/L	92
17) Methyl tert-butyl Ether	2.767	73	150432	5.297	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	56211	5.159	ug/L	96
19) 1,1-Dichloroethane	3.185	63	142200	5.407	ug/L	97
21) 2-Butanone	3.986	43	178537	56.026	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	69012	5.283	ug/L #	99
23) Bromochloromethane	4.243	128	26038	5.332	ug/L	91
25) Chloroform	4.371	83	132672	5.186	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028732.D
 Acq On : 27 Oct 2022 20:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Quant Time: Oct 28 02:21:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

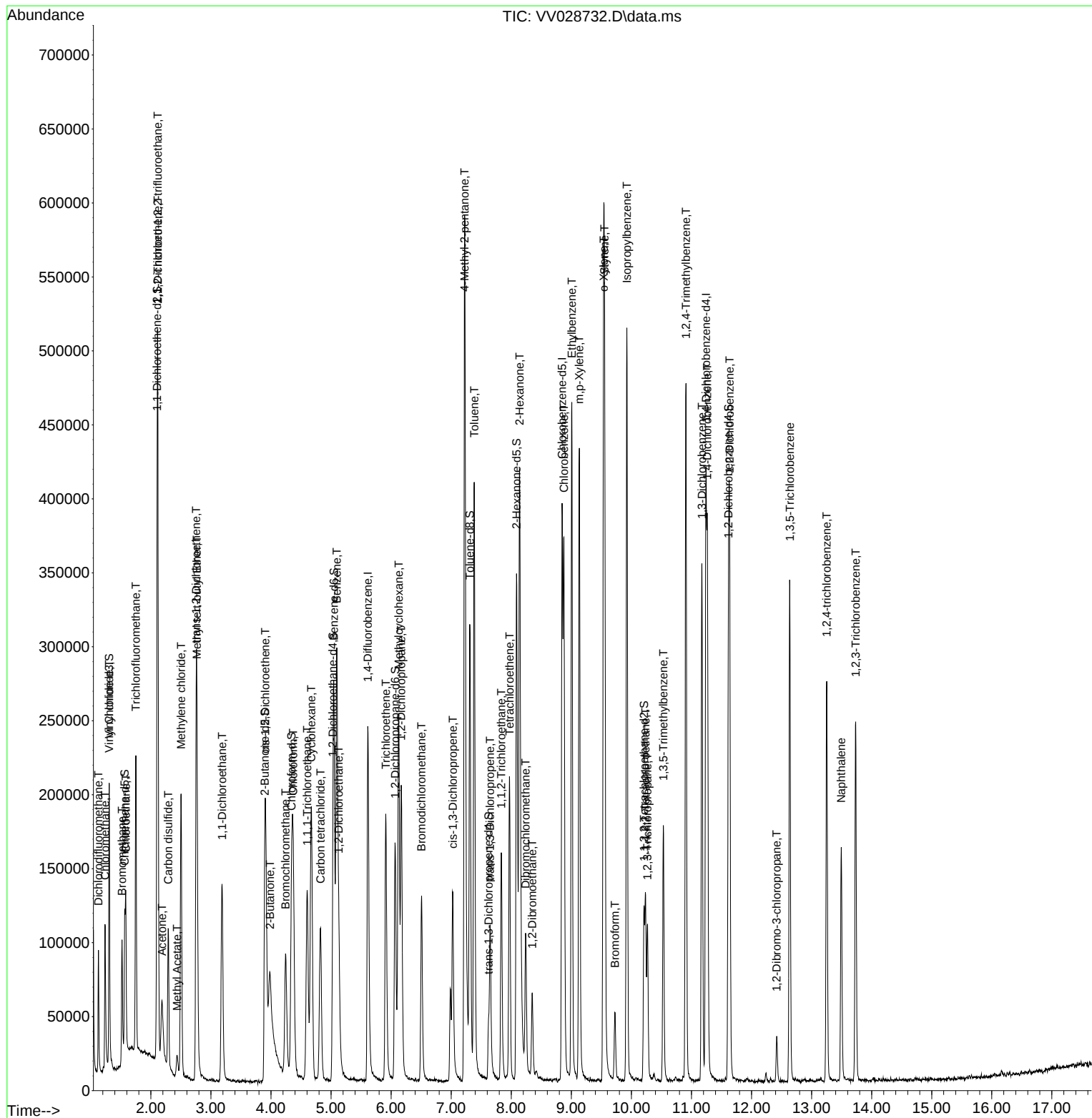
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	78729	5.208	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	99330	4.438	ug/L	98
30) Cyclohexane	4.670	56	102948	4.439	ug/L	99
31) Carbon tetrachloride	4.825	117	74163	4.126	ug/L	100
33) Benzene	5.095	78	284743	5.120	ug/L	100
34) Trichloroethene	5.911	95	65523	4.756	ug/L	96
35) Methylcyclohexane	6.127	83	92914	4.882	ug/L	98
37) 1,2-Dichloropropane	6.169	63	76935	5.415	ug/L	99
38) Bromodichloromethane	6.506	83	83836	4.934	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	78864	4.579	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	488854	58.107	ug/L	100
42) Toluene	7.384	91	284772	5.400	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	59332	4.274	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	46540	5.329	ug/L	95
47) Tetrachloroethene	7.972	164	41534	4.911	ug/L	96
48) 2-Hexanone	8.140	43	329155	55.295	ug/L	99
49) Dibromochloromethane	8.239	129	43457	4.750	ug/L	93
50) 1,2-Dibromoethane	8.349	107	39297	5.169	ug/L	97
51) Chlorobenzene	8.876	112	174465	5.254	ug/L	99
52) Ethylbenzene	9.008	91	312314	5.329	ug/L	97
53) m,p-Xylene	9.133	106	114184	5.396	ug/L	97
54) o-Xylene	9.538	106	114783	5.392	ug/L	94
55) Styrene	9.554	104	194282	5.413	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	58944	5.381	ug/L	98
59) Bromoform	9.725	173	18919	4.328	ug/L	99
60) Isopropylbenzene	9.924	105	307155	5.483	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	42911	5.614	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	87202	5.336	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	245895	5.433	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	126867	5.257	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	125582	5.216	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	119524	5.417	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	6806	4.325	ug/L	94
69) 1,3,5-Trichlorobenzene	12.638	180	88901	4.851	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	69572	4.987	ug/L	96
71) Naphthalene	13.493	128	119814	5.012	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	65506	5.298	ug/L	98

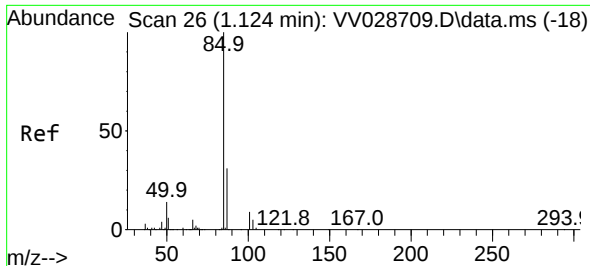
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028732.D
Acq On : 27 Oct 2022 20:57
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

Quant Time: Oct 28 02:21:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 02:13:29 2022
Response via : Initial Calibration

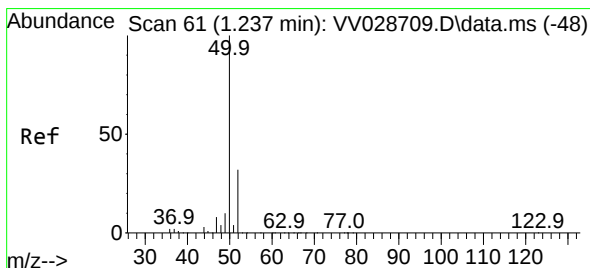
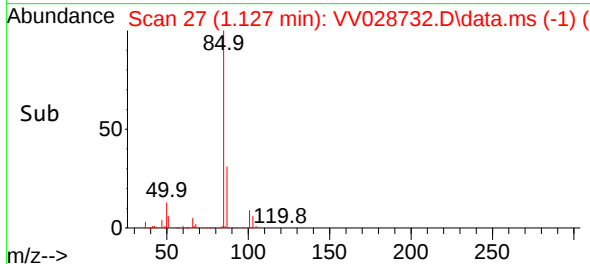
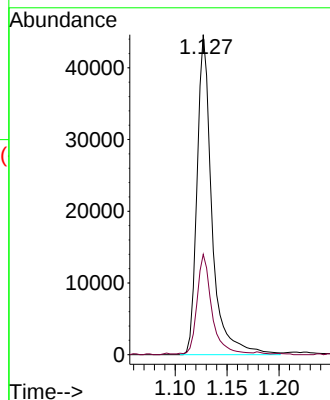
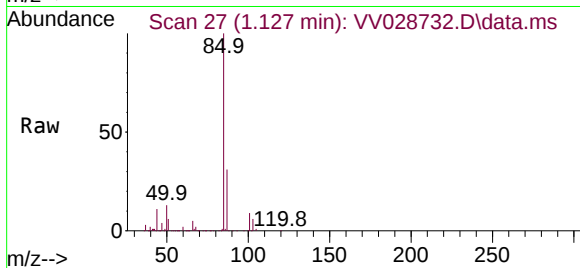




#2
 Dichlorodifluoromethane
 Concen: 5.377 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028732.D
 Acq: 27 Oct 2022 20:57

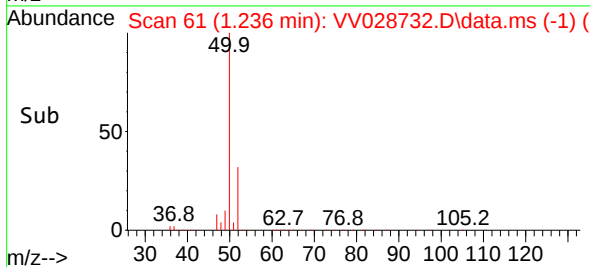
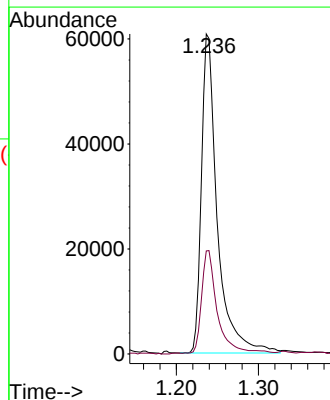
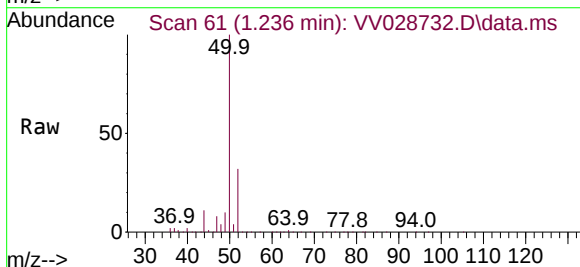
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

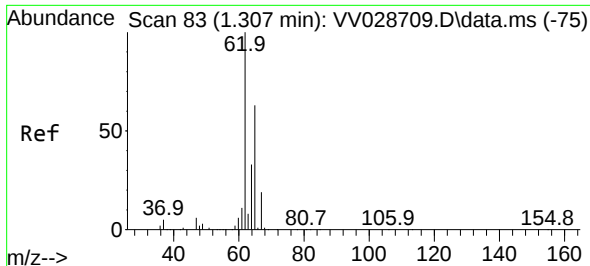
Tgt Ion: 85 Resp: 44662
 Ion Ratio Lower Upper
 85 100
 87 30.2 26.6 40.0



#3
 Chloromethane
 Concen: 5.274 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028732.D
 Acq: 27 Oct 2022 20:57

Tgt Ion: 50 Resp: 81791
 Ion Ratio Lower Upper
 50 100
 52 32.2 21.8 40.6

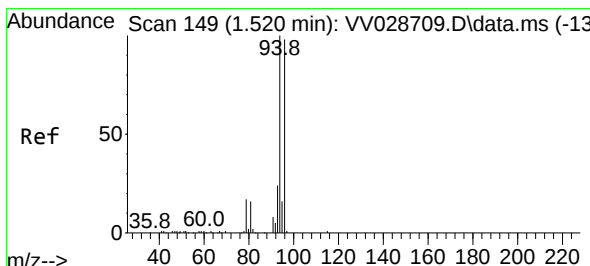
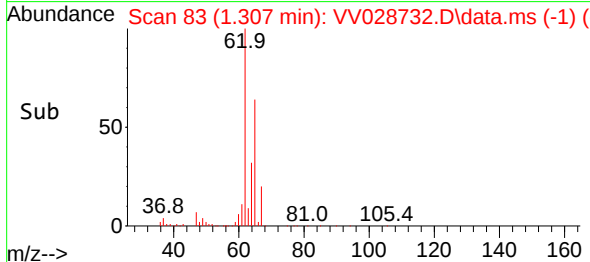
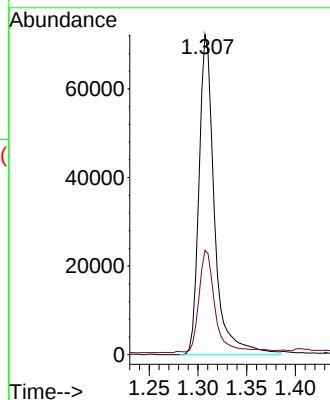
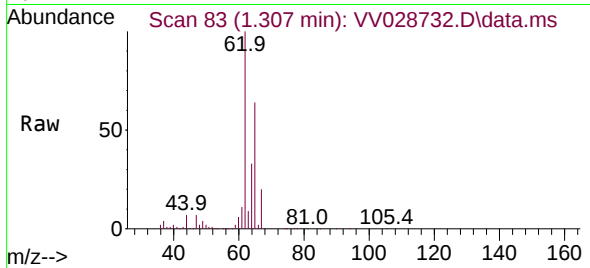




#5
 Vinyl chloride
 Concen: 5.195 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028732.D
 Acq: 27 Oct 2022 20:57

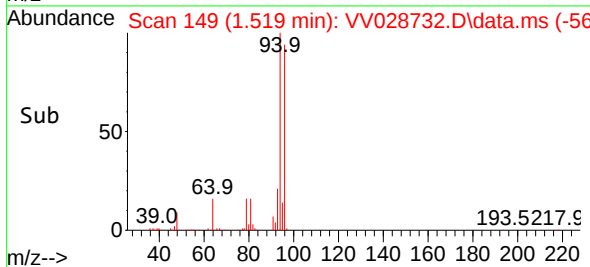
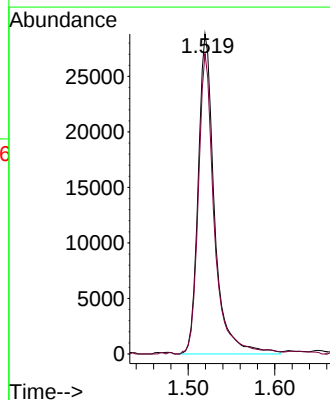
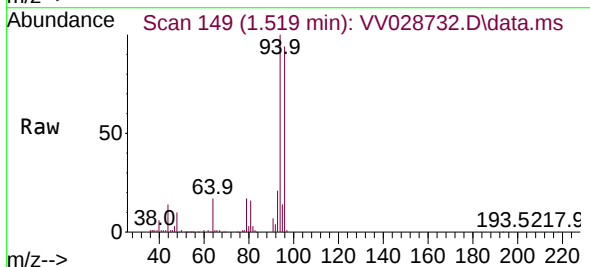
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

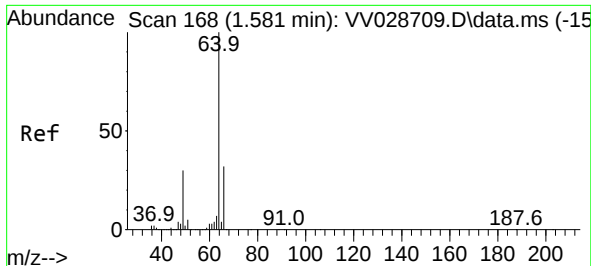
Tgt Ion: 62 Resp: 80056
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.0 41.0



#6
 Bromomethane
 Concen: 5.131 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV028732.D
 Acq: 27 Oct 2022 20:57

Tgt Ion: 94 Resp: 37771
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.3 119.3

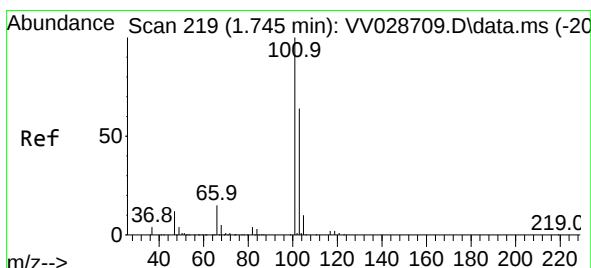
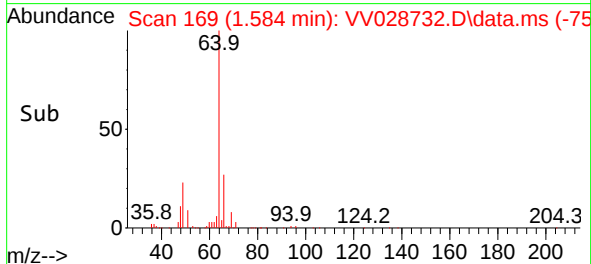
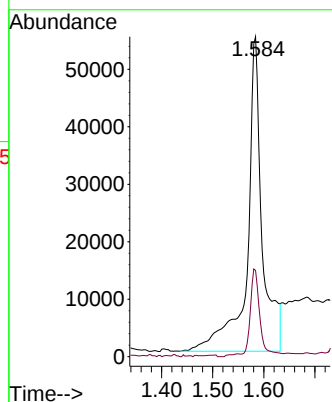
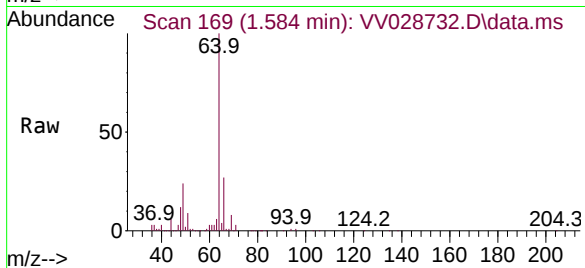




#8
Chloroethane
Concen: 10.635 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

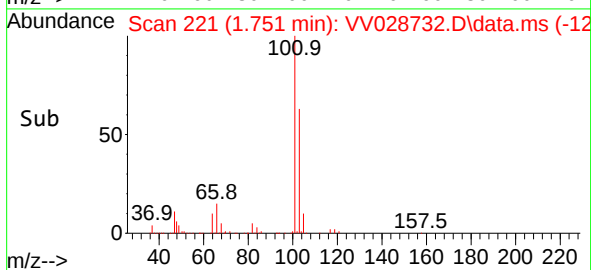
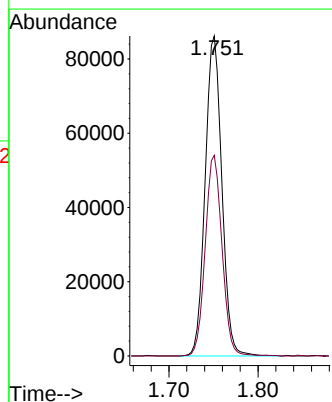
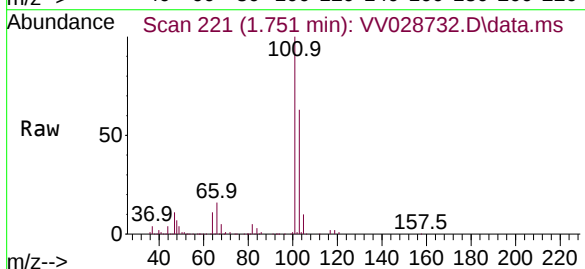
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

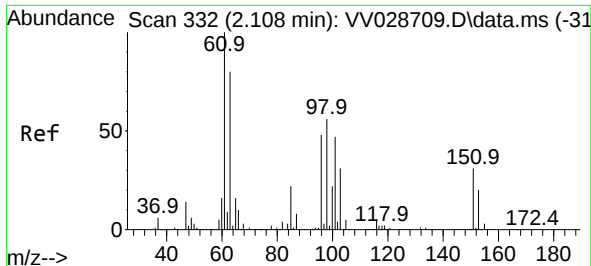
Tgt Ion: 64 Resp: 111422
Ion Ratio Lower Upper
64 100
66 26.9 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.441 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.006 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion:101 Resp: 111730
Ion Ratio Lower Upper
101 100
103 63.2 51.0 76.6

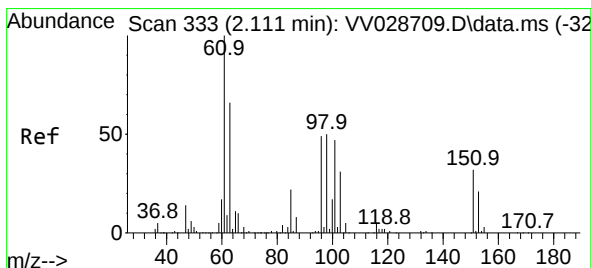
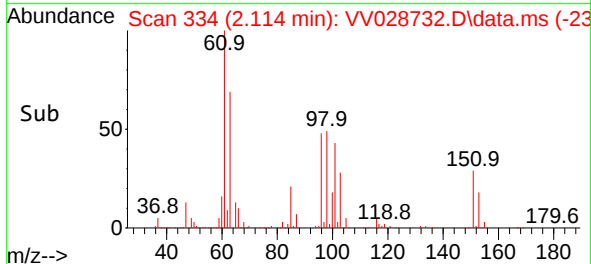
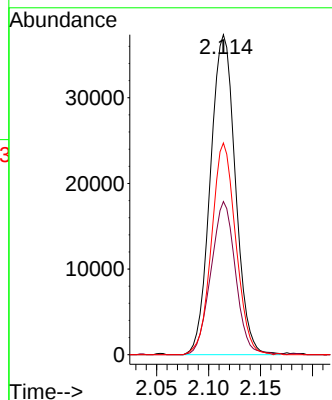
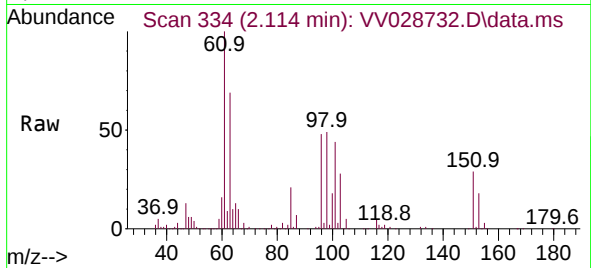




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.135 ug/L
RT: 2.114 min Scan# 332
Delta R.T. 0.006 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

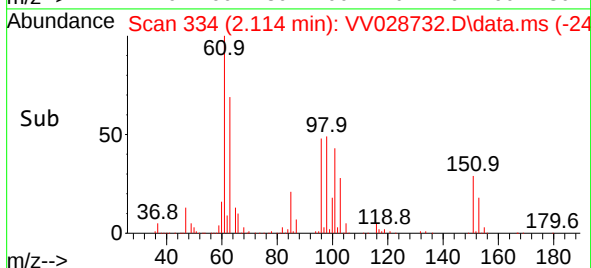
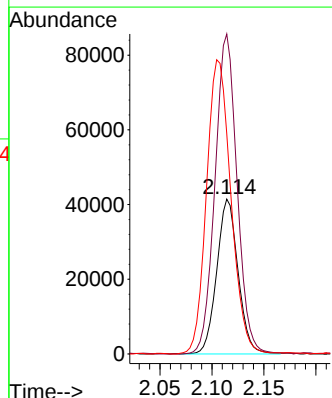
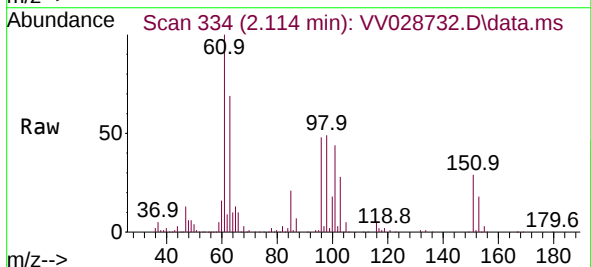
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

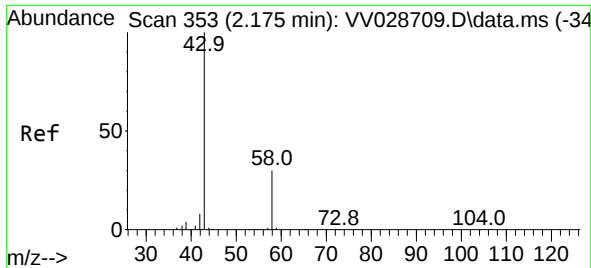
Tgt Ion:101 Resp: 62655
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 63.9 50.2 75.2



#12
1,1-Dichloroethene
Concen: 5.469 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion: 96 Resp: 59202
Ion Ratio Lower Upper
96 100
61 206.5 148.1 275.1
63 142.2 133.3 247.7





#13

Acetone

Concen: 62.150 ug/L

RT: 2.185 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

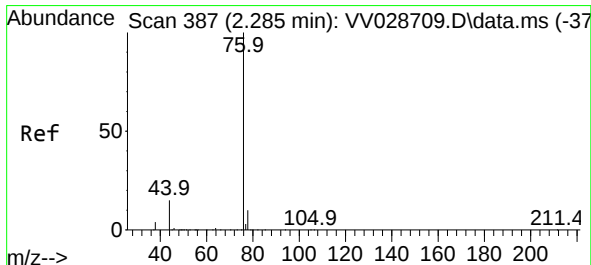
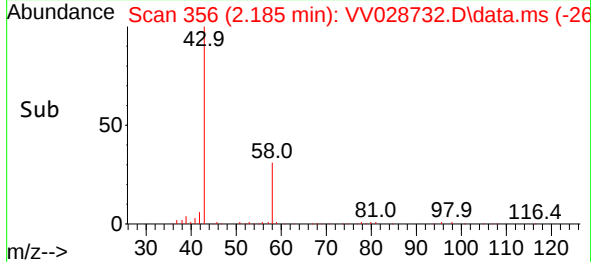
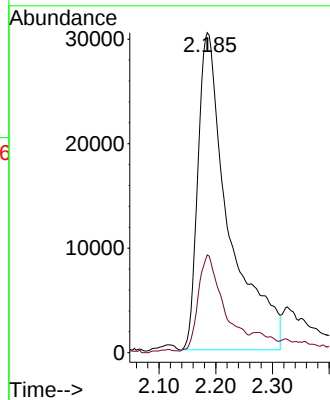
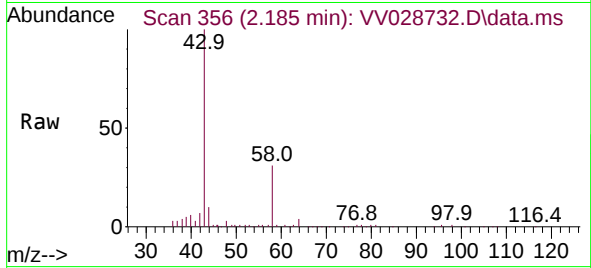
VSTD005337

Tgt Ion: 43 Resp: 115234

Ion Ratio Lower Upper

43 100

58 24.9 0.0 50.2



#14

Carbon disulfide

Concen: 4.196 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

Lab File: VV028732.D

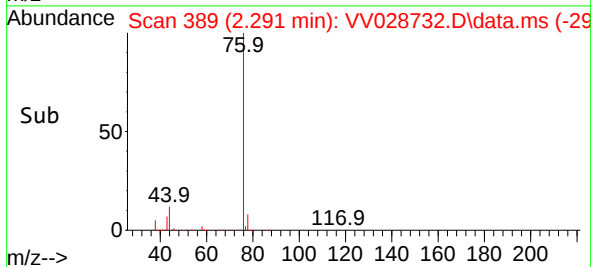
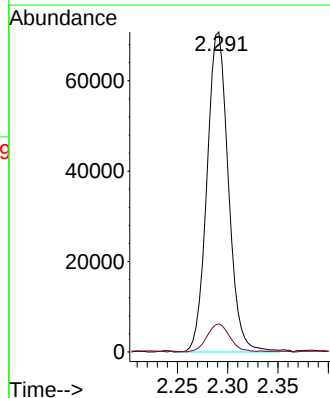
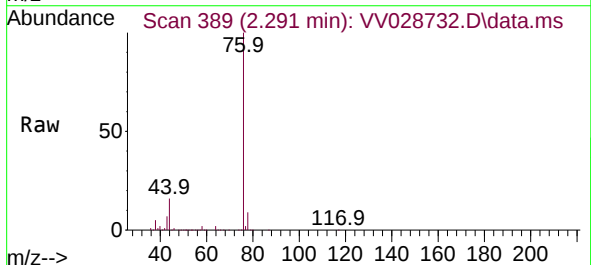
Acq: 27 Oct 2022 20:57

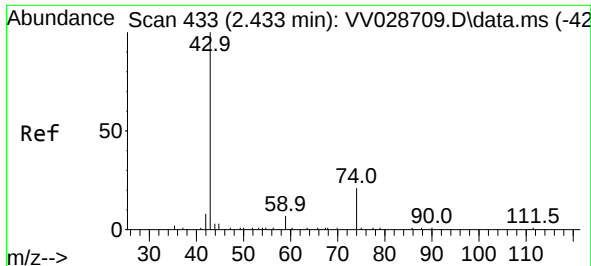
Tgt Ion: 76 Resp: 104884

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

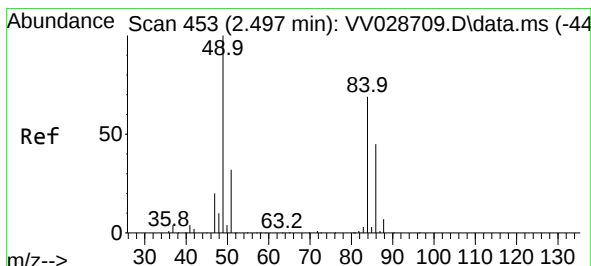
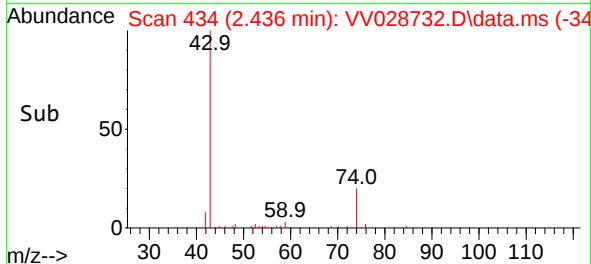
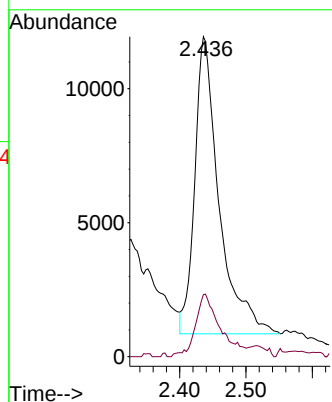
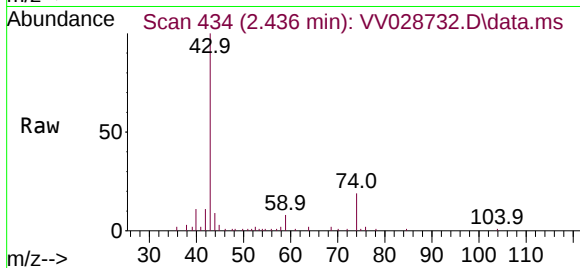




#15
Methyl Acetate
Concen: 5.014 ug/L
RT: 2.436 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

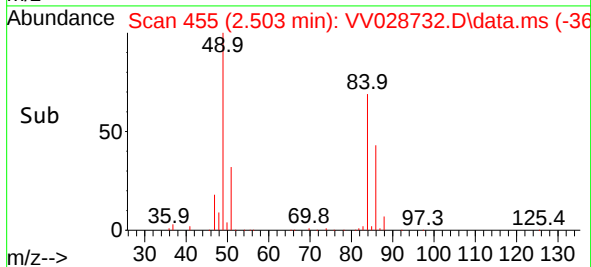
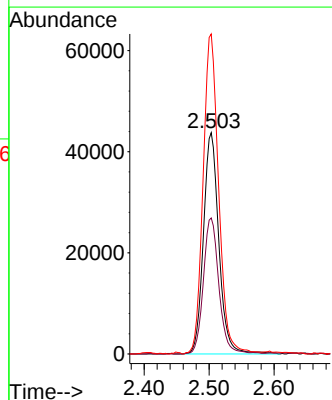
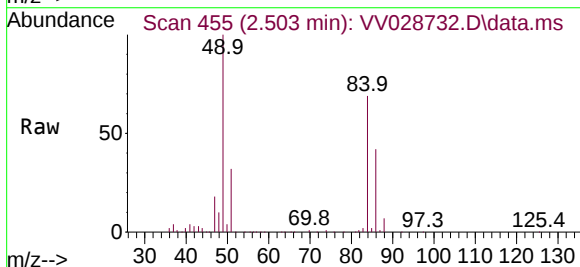
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

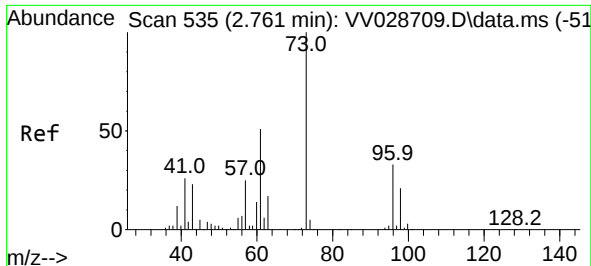
Tgt Ion: 43 Resp: 28208
Ion Ratio Lower Upper
43 100
74 21.3 14.9 22.3



#16
Methylene chloride
Concen: 4.849 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion: 84 Resp: 72394
Ion Ratio Lower Upper
84 100
86 61.5 44.4 82.4
49 144.6 110.8 205.8

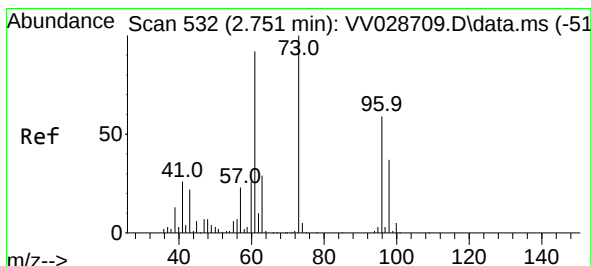
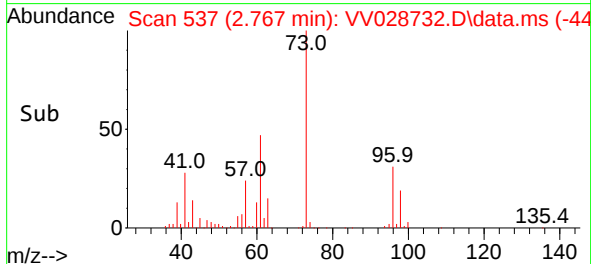
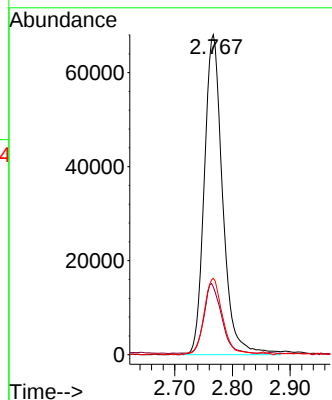
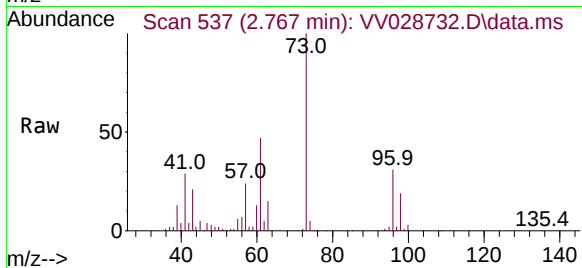




#17
Methyl tert-butyl Ether
Concen: 5.297 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

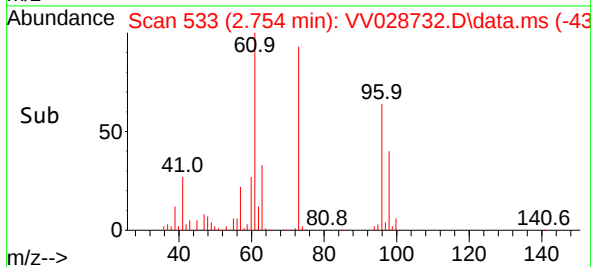
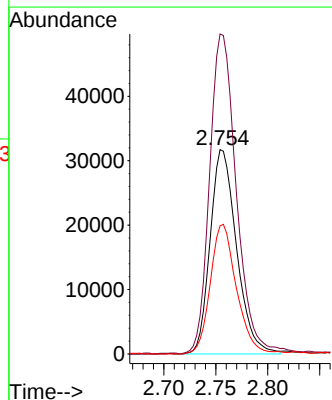
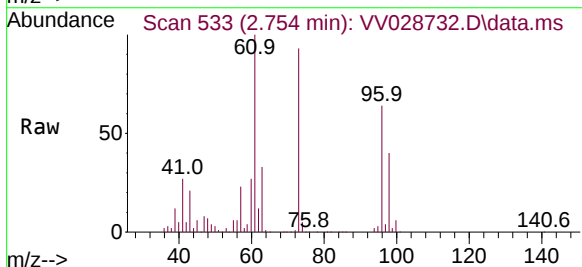
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

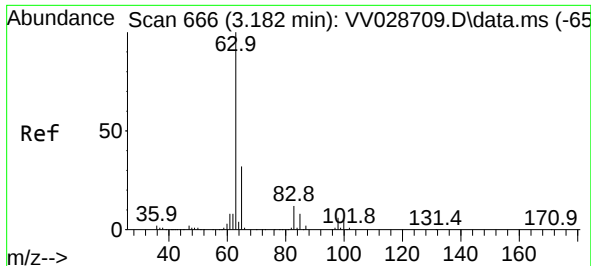
Tgt Ion: 73 Resp: 150432
Ion Ratio Lower Upper
73 100
43 20.6 18.0 27.0
57 23.9 20.0 30.0



#18
trans-1,2-Dichloroethene
Concen: 5.159 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion: 96 Resp: 56211
Ion Ratio Lower Upper
96 100
61 156.6 114.3 212.3
98 62.7 45.0 83.6

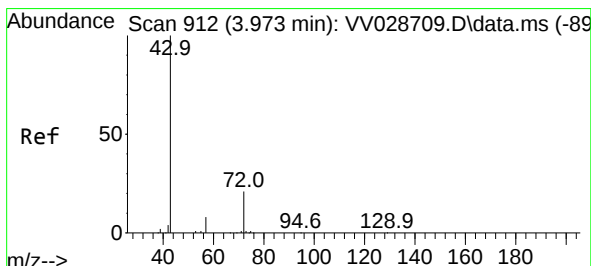
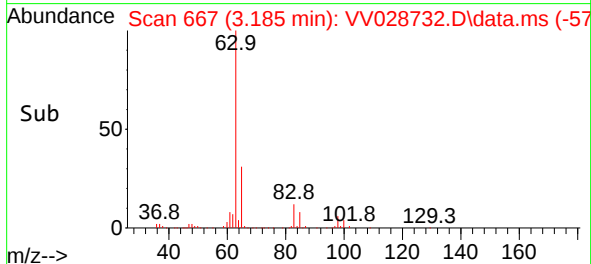
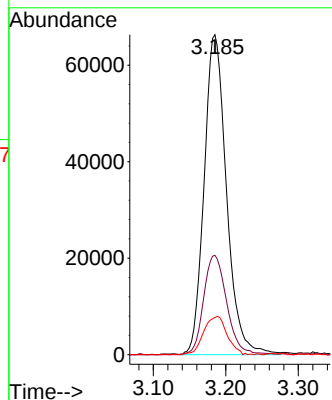
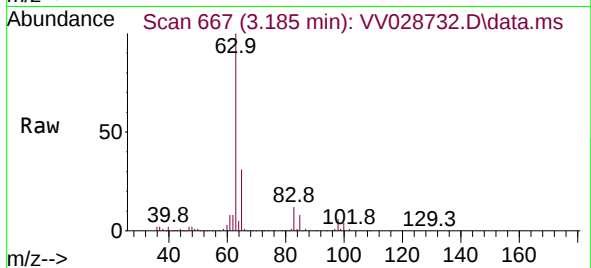




#19
1,1-Dichloroethane
Concen: 5.407 ug/L
RT: 3.185 min Scan# 610
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

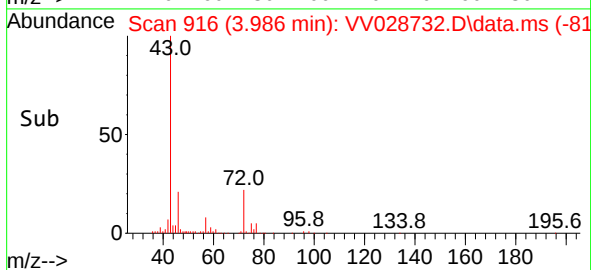
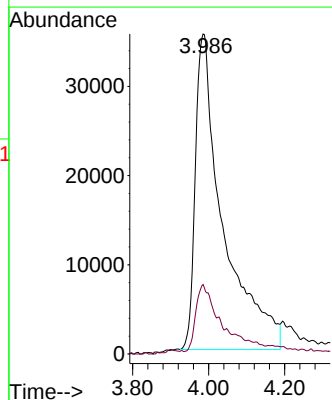
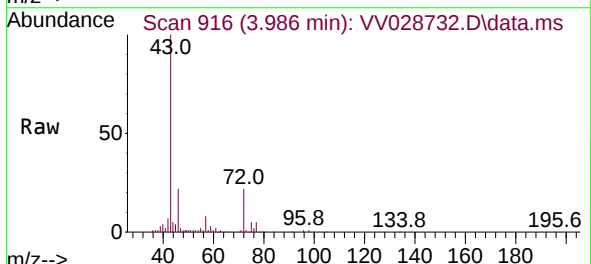
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

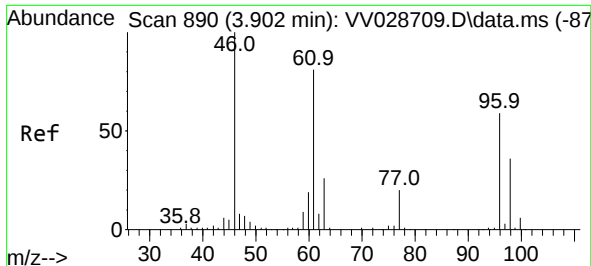
Tgt Ion: 63 Resp: 142200
Ion Ratio Lower Upper
63 100
65 31.0 23.1 42.9
83 11.6 7.9 14.7



#21
2-Butanone
Concen: 56.026 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.013 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion: 43 Resp: 178537
Ion Ratio Lower Upper
43 100
72 14.8 10.2 30.4

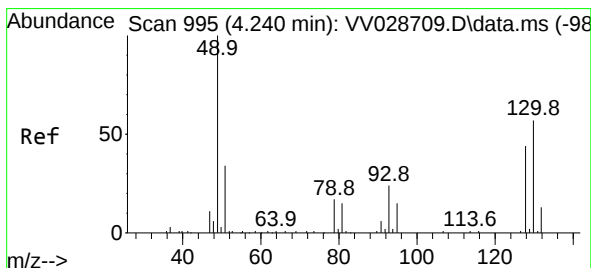
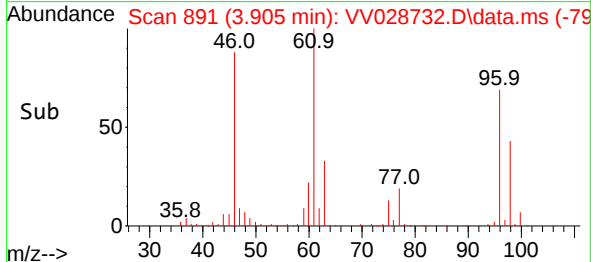
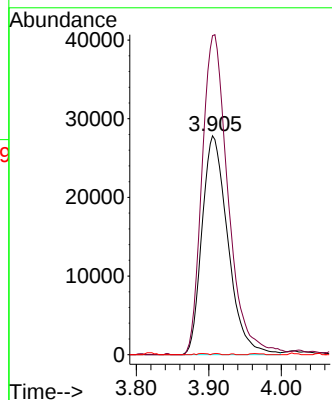
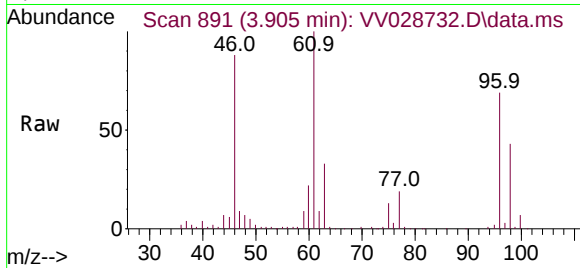




#22
 cis-1,2-Dichloroethene
 Concen: 5.283 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV028732.D
 Acq: 27 Oct 2022 20:57

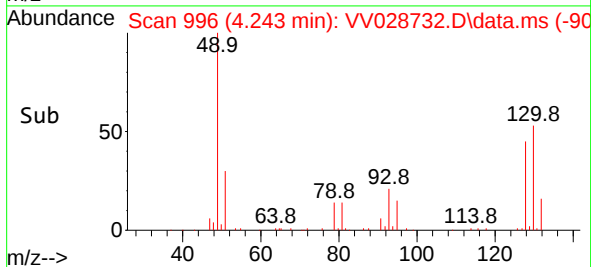
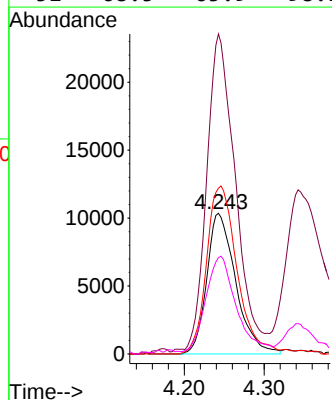
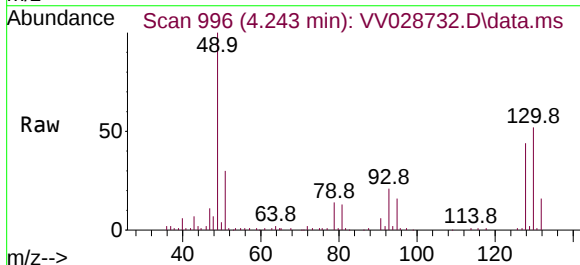
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

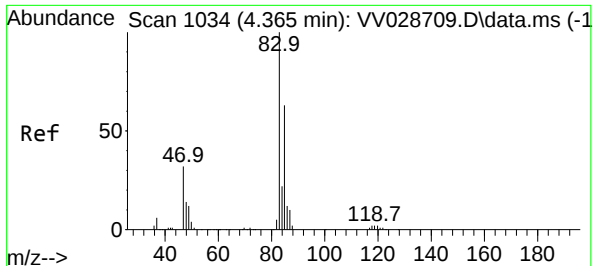
Tgt Ion: 96 Resp: 69012
 Ion Ratio Lower Upper
 96 100
 61 145.8 101.4 188.2
 68 0.4 0.5 0.9#



#23
 Bromochloromethane
 Concen: 5.332 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV028732.D
 Acq: 27 Oct 2022 20:57

Tgt Ion:128 Resp: 26038
 Ion Ratio Lower Upper
 128 100
 49 227.6 171.1 317.7
 130 117.9 86.4 160.4
 51 68.5 65.9 98.9

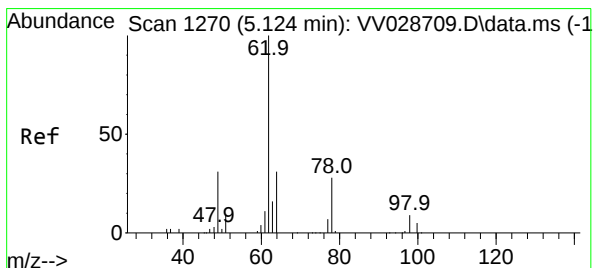
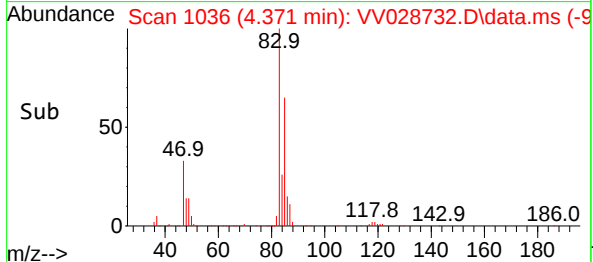
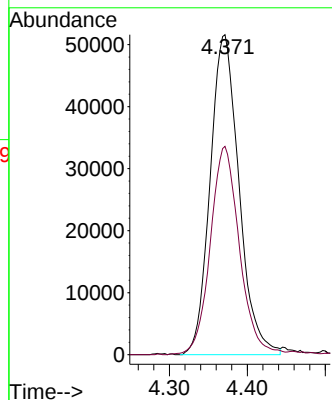
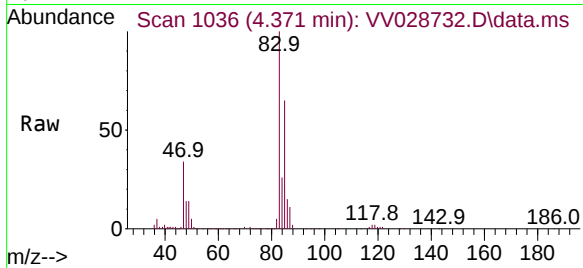




#25
Chloroform
Concen: 5.186 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

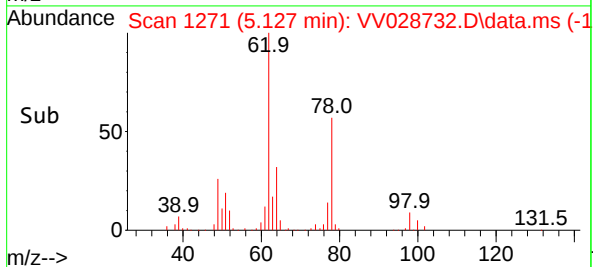
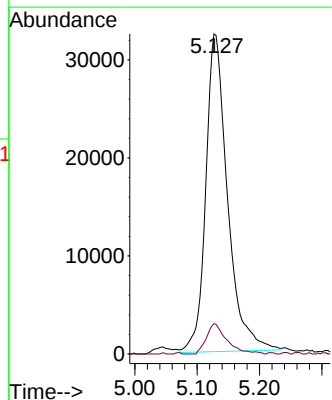
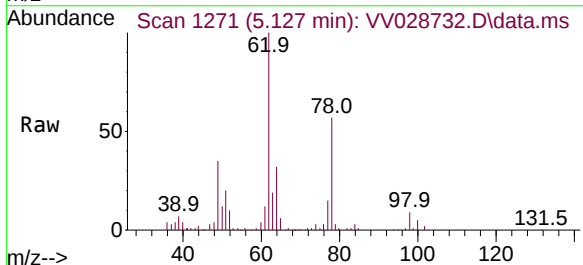
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

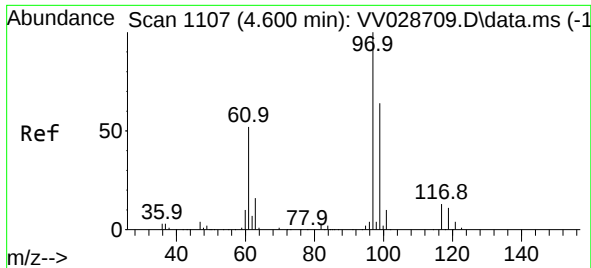
Tgt Ion: 83 Resp: 132672
Ion Ratio Lower Upper
83 100
85 65.1 44.1 81.9



#27
1,2-Dichloroethane
Concen: 5.208 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion: 62 Resp: 78729
Ion Ratio Lower Upper
62 100
98 9.4 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 4.438 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005337

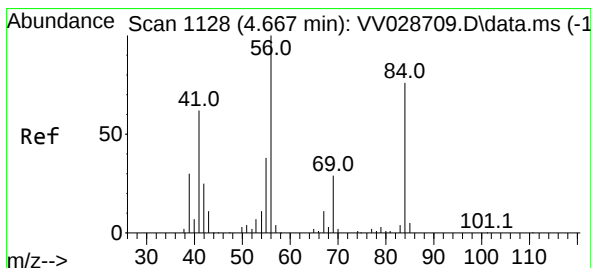
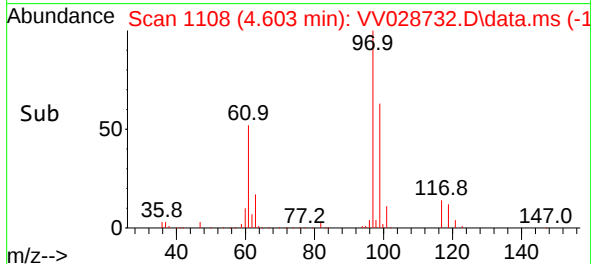
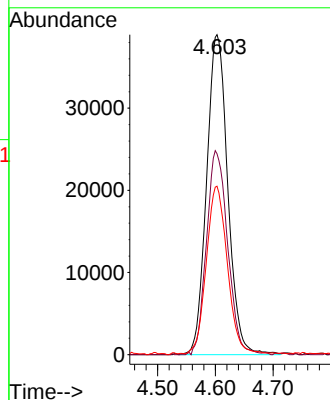
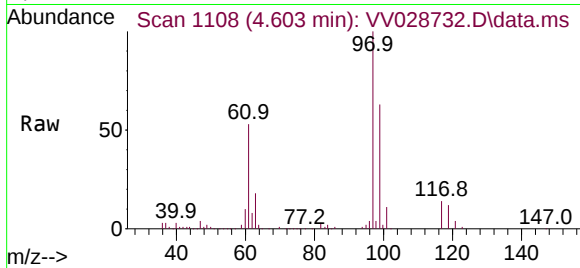
Tgt Ion: 97 Resp: 99330

Ion Ratio Lower Upper

97 100

99 63.5 50.5 75.7

61 51.7 43.1 64.7



#30

Cyclohexane

Concen: 4.439 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

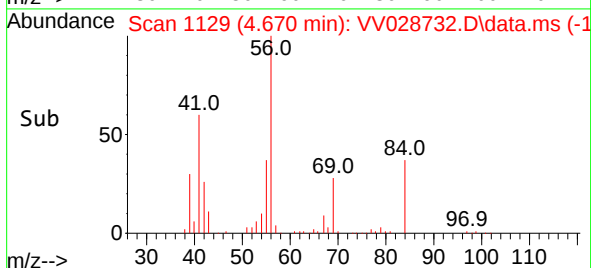
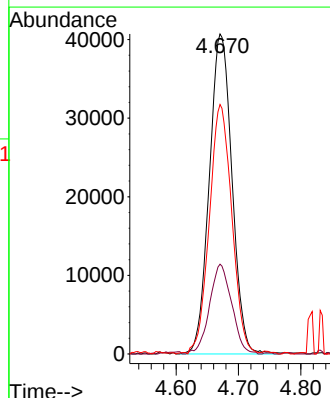
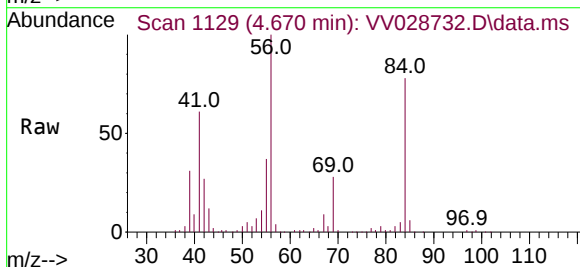
Tgt Ion: 56 Resp: 102948

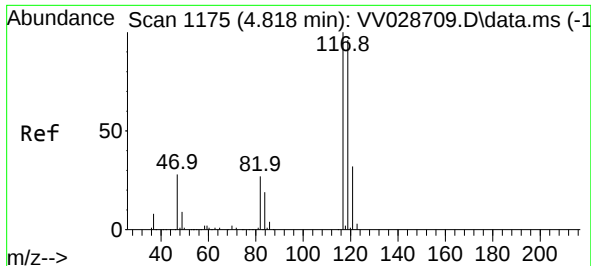
Ion Ratio Lower Upper

56 100

69 27.3 22.6 34.0

84 76.1 60.4 90.6

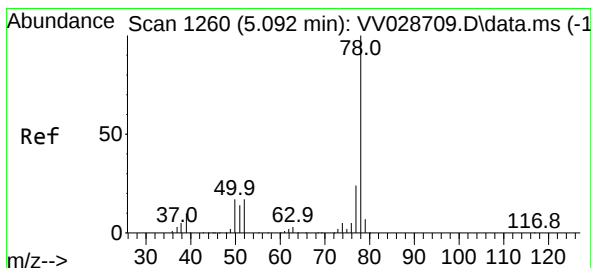
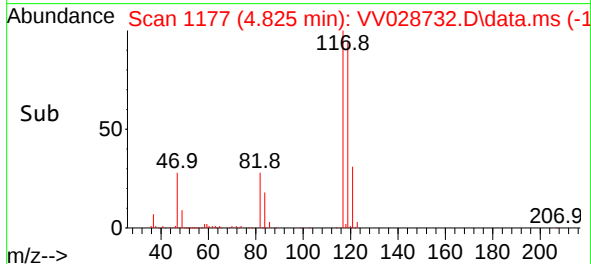
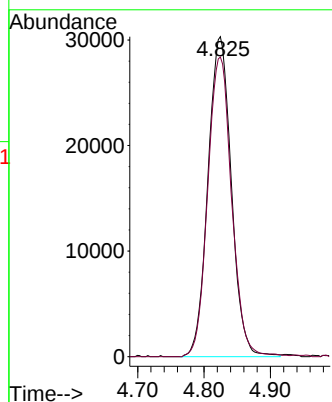
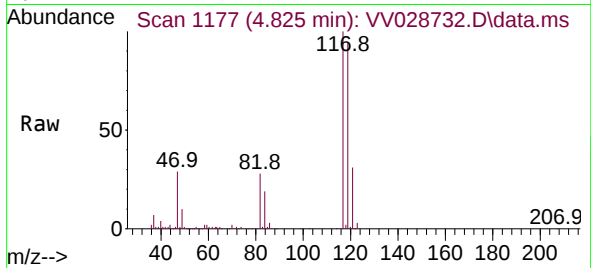




#31
Carbon tetrachloride
Concen: 4.126 ug/L
RT: 4.825 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

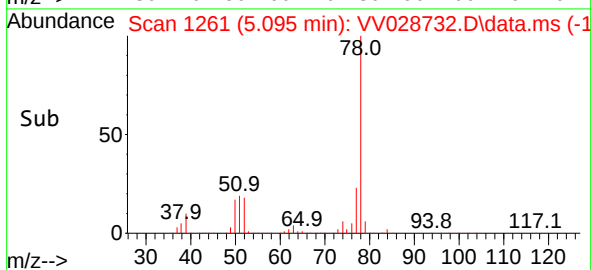
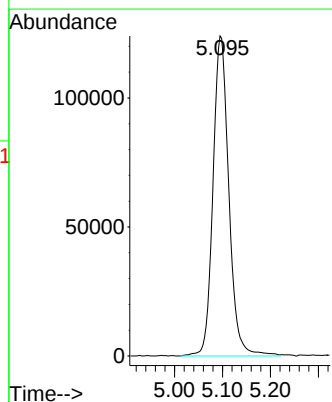
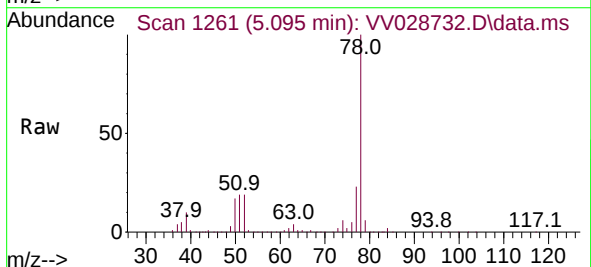
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

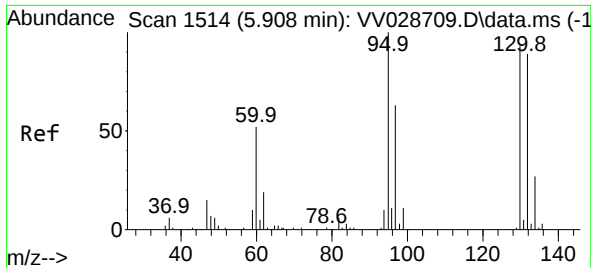
Tgt Ion:117 Resp: 74163
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1



#33
Benzene
Concen: 5.120 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion: 78 Resp: 284743



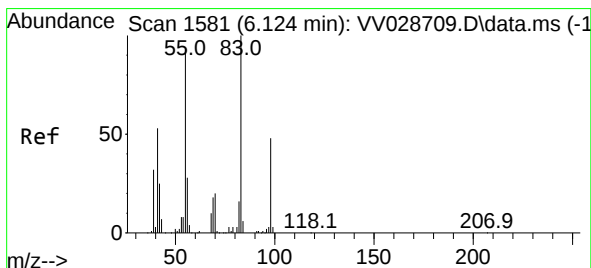
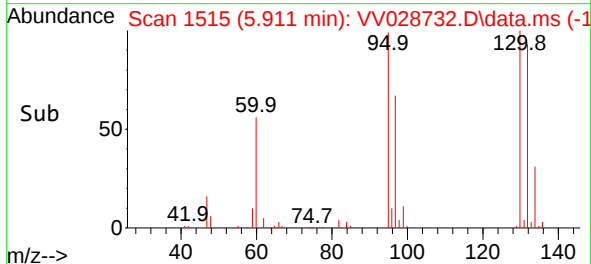
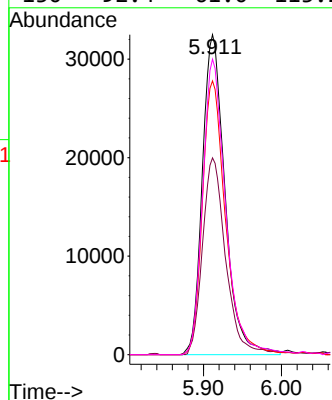
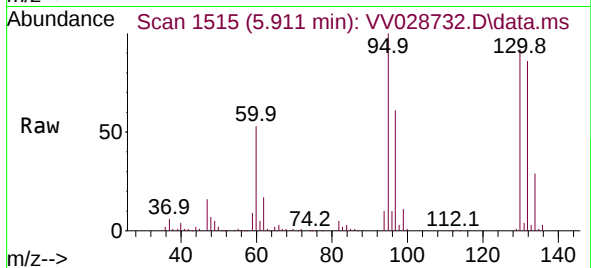


#34
Trichloroethene
Concen: 4.756 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

Tgt Ion: 95 Resp: 65523

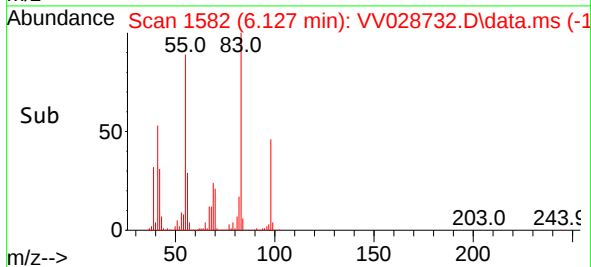
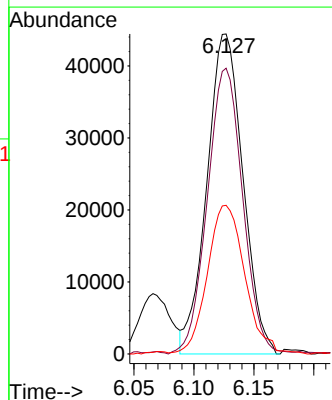
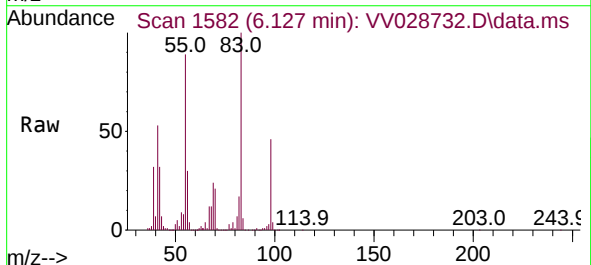
Ion	Ratio	Lower	Upper
95	100		
97	61.5	43.5	80.9
132	85.6	56.5	104.9
130	92.4	61.0	113.2

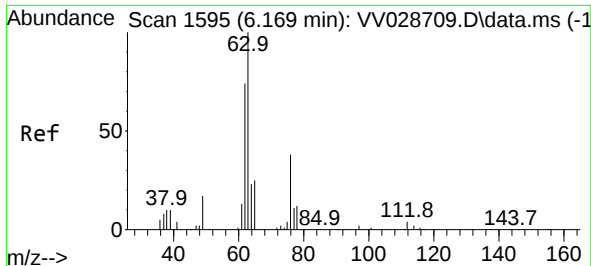


#35
Methylcyclohexane
Concen: 4.882 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion: 83 Resp: 92914

Ion	Ratio	Lower	Upper
83	100		
55	87.5	70.0	105.0
98	48.4	35.6	53.4





#37

1,2-Dichloropropane

Concen: 5.415 ug/L

RT: 6.169 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

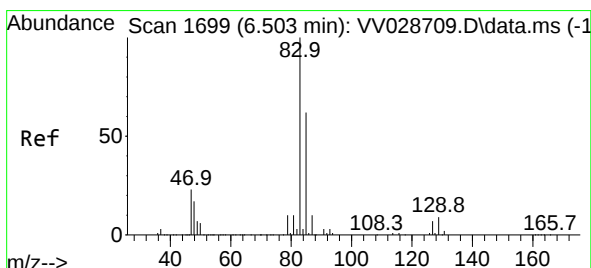
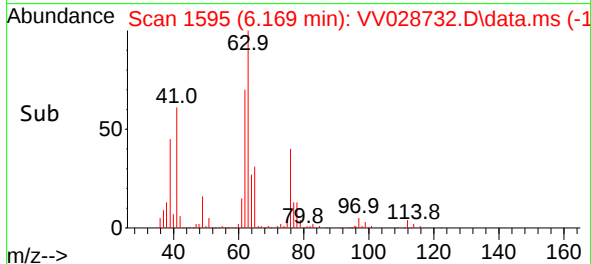
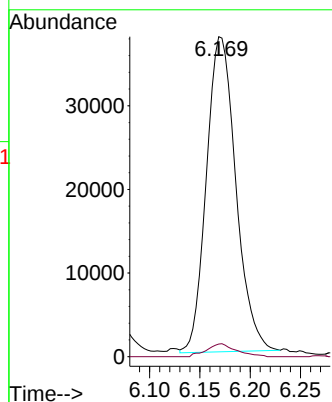
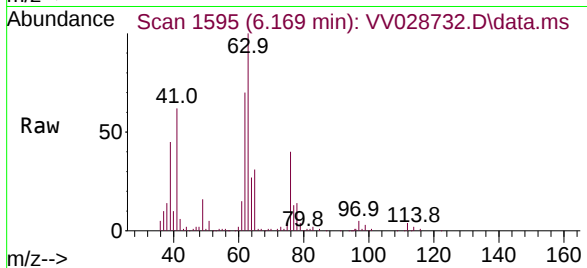
VSTD005337

Tgt Ion: 63 Resp: 76935

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 4.934 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

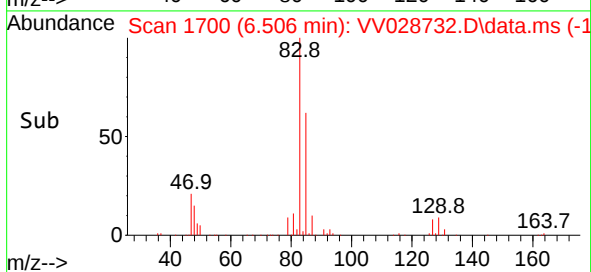
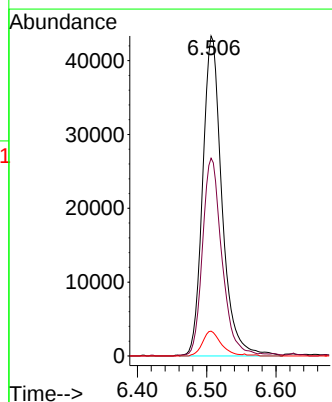
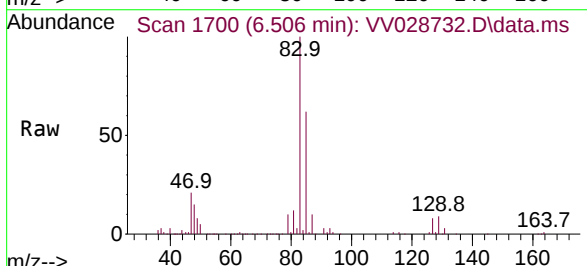
Tgt Ion: 83 Resp: 83836

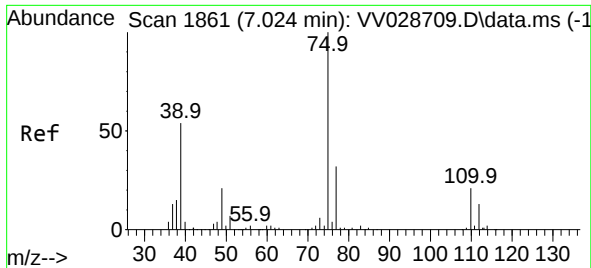
Ion Ratio Lower Upper

83 100

85 61.8 45.1 83.9

127 7.7 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 4.579 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

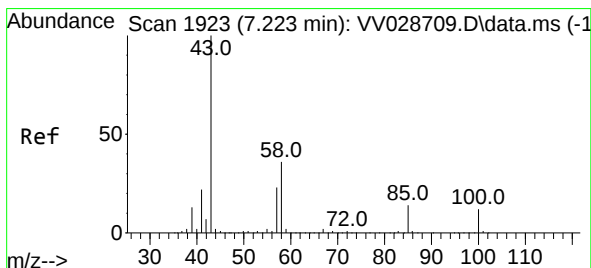
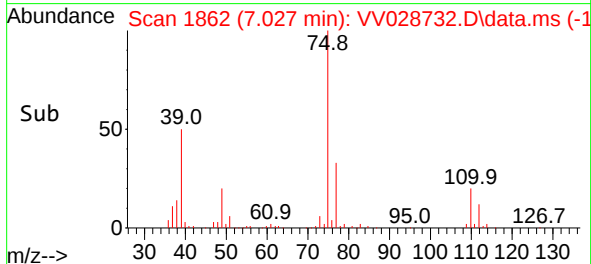
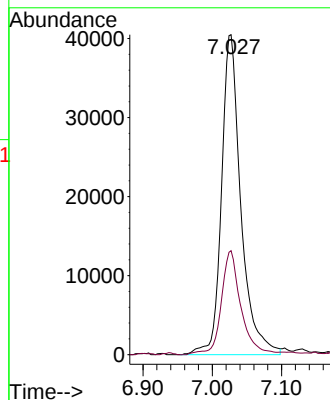
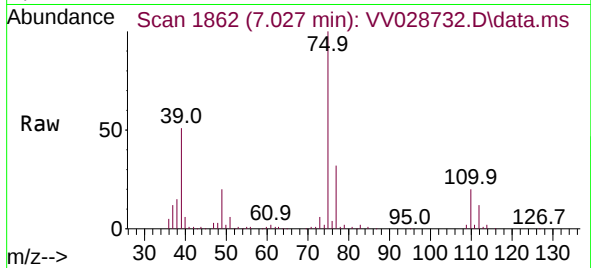
VSTD005337

Tgt Ion: 75 Resp: 78864

Ion Ratio Lower Upper

75 100

77 32.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 58.107 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

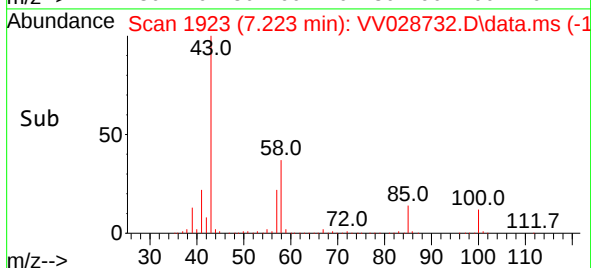
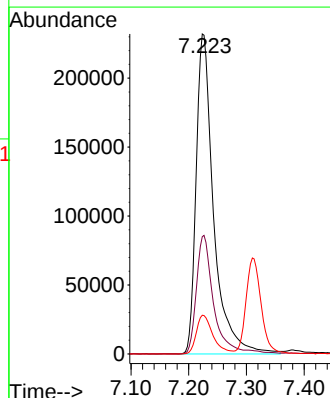
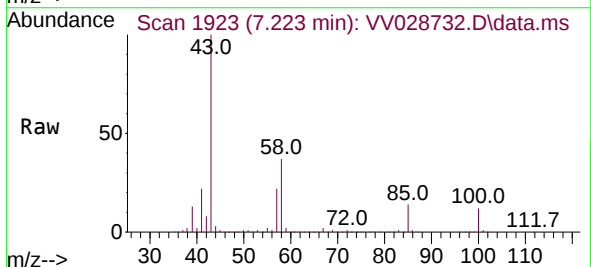
Tgt Ion: 43 Resp: 488854

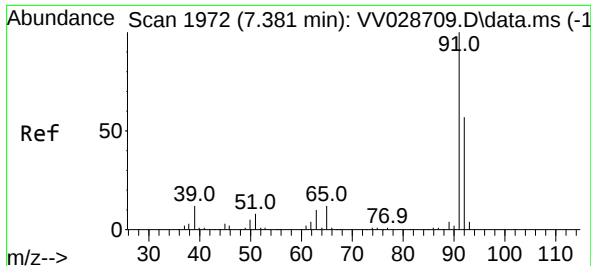
Ion Ratio Lower Upper

43 100

58 36.8 29.6 44.4

100 11.6 9.4 14.0





#42

Toluene

Concen: 5.400 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

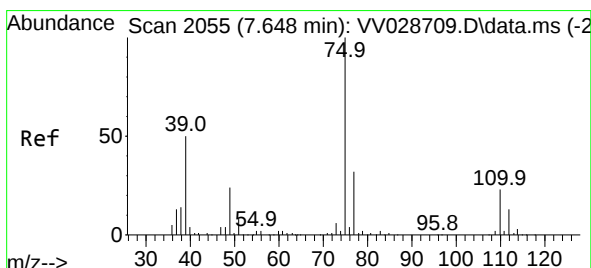
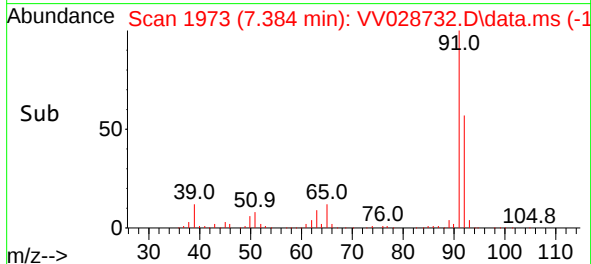
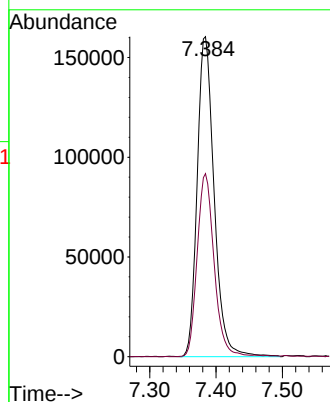
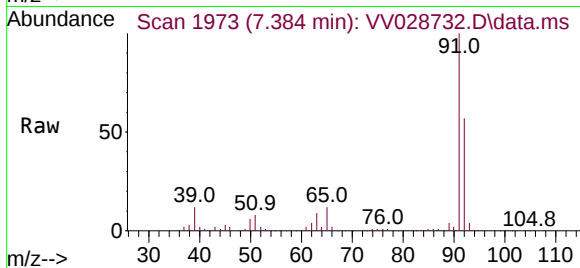
VSTD005337

Tgt Ion: 91 Resp: 284772

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.274 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV028732.D

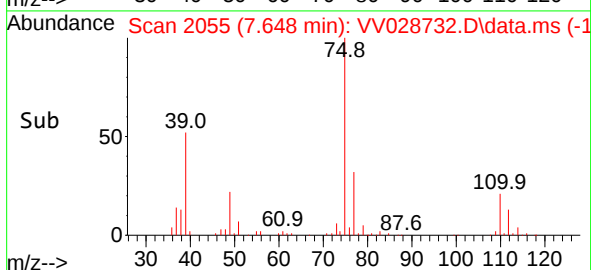
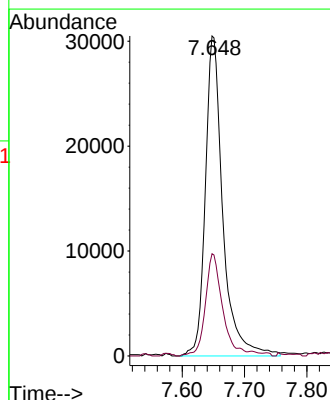
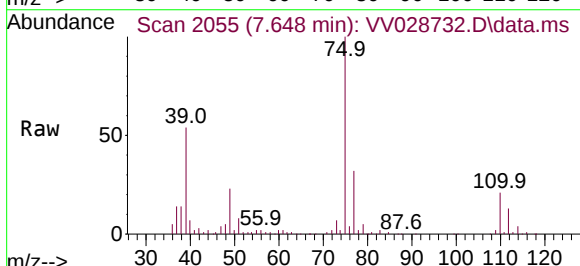
Acq: 27 Oct 2022 20:57

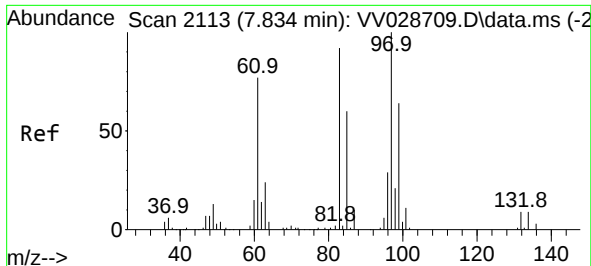
Tgt Ion: 75 Resp: 59332

Ion Ratio Lower Upper

75 100

77 31.9 22.6 42.0

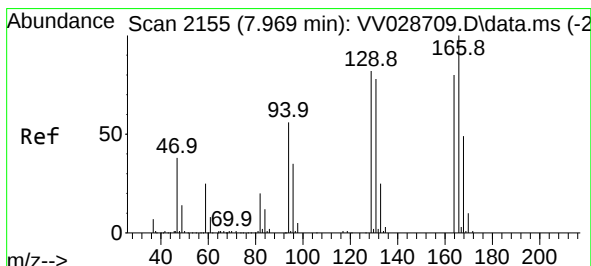
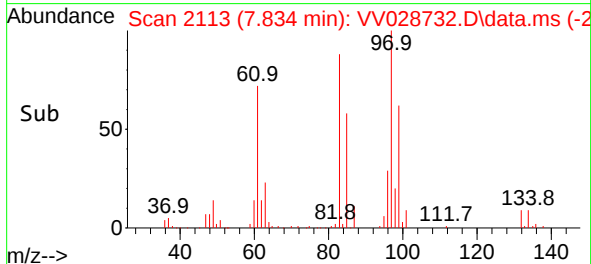
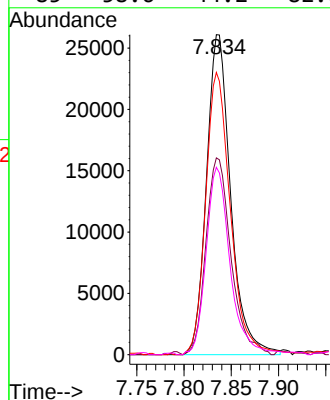
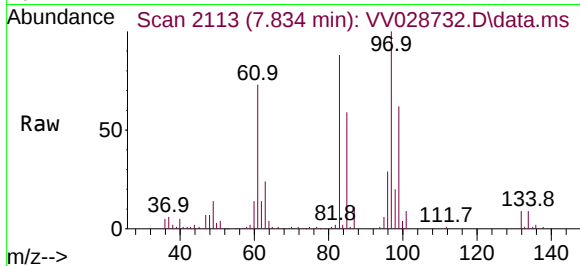




#45
1,1,2-Trichloroethane
Concen: 5.329 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

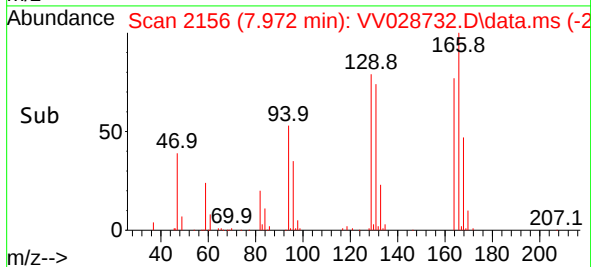
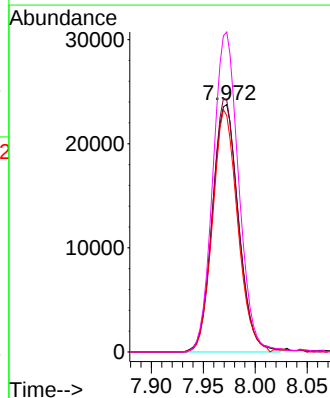
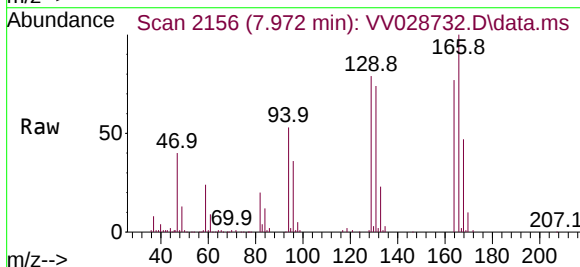
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

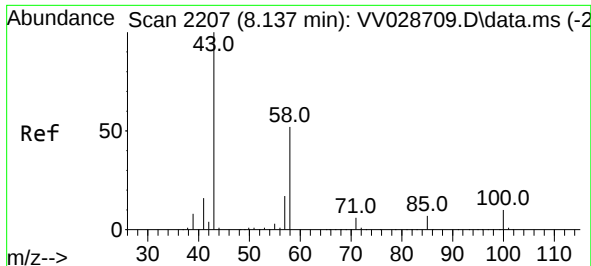
Tgt Ion:	97	Resp:	46540
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.0	81.6
83	88.2	66.2	123.0
85	58.6	44.2	82.0



#47
Tetrachloroethene
Concen: 4.911 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion:	164	Resp:	41534
Ion	Ratio	Lower	Upper
164	100		
129	101.8	69.2	128.6
131	95.6	64.2	119.2
166	129.4	87.3	162.1

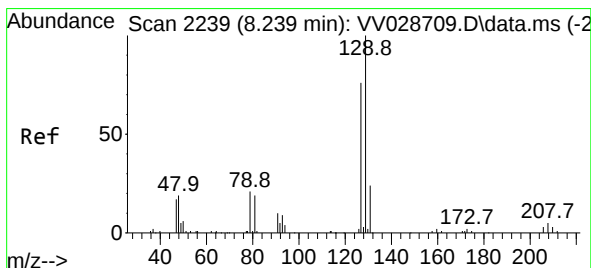
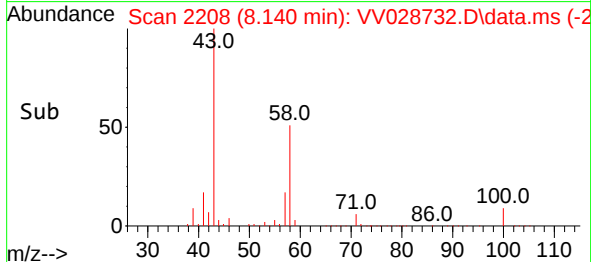
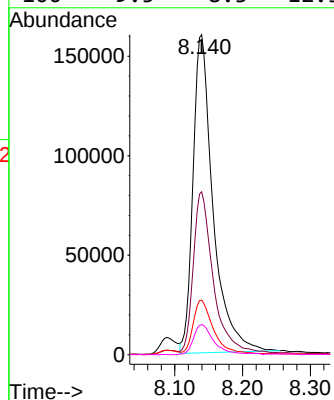
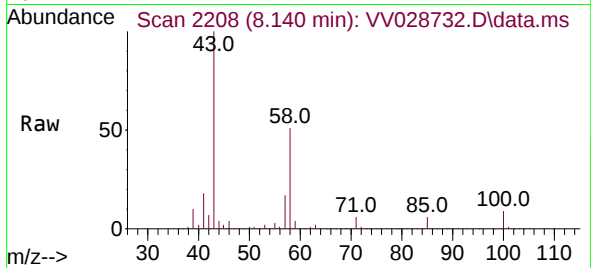




#48
2-Hexanone
Concen: 55.295 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

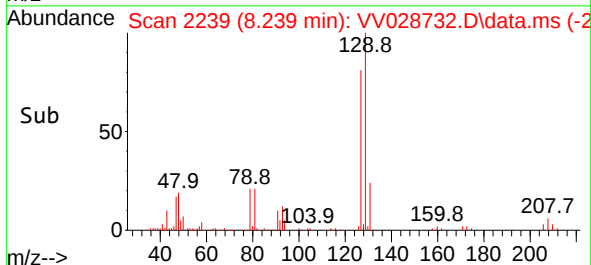
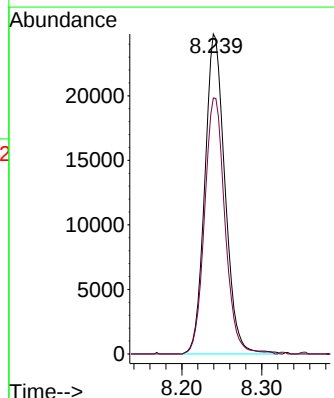
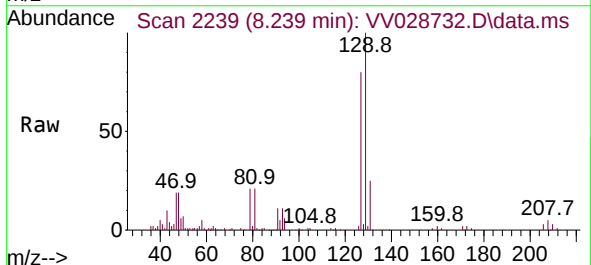
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

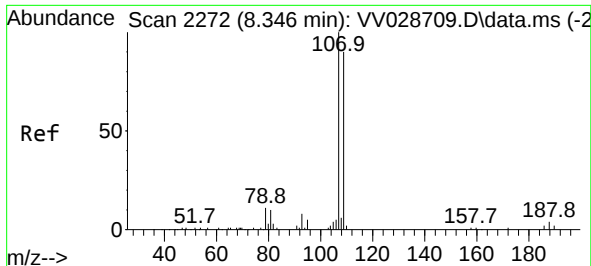
Tgt Ion: 43 Resp: 329155
Ion Ratio Lower Upper
43 100
58 50.6 40.6 60.8
57 16.9 13.8 20.8
100 9.5 8.3 12.5



#49
Dibromochloromethane
Concen: 4.750 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion: 129 Resp: 43457
Ion Ratio Lower Upper
129 100
127 80.0 51.6 95.8





#50

1,2-Dibromoethane

Concen: 5.169 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005337

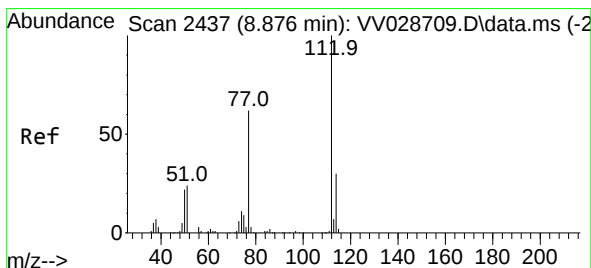
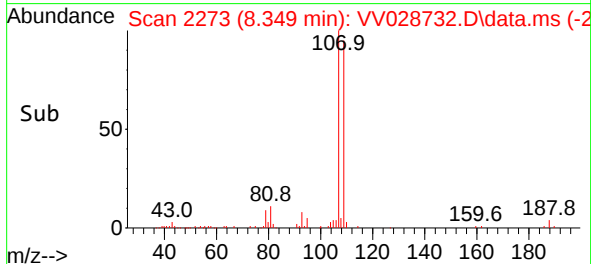
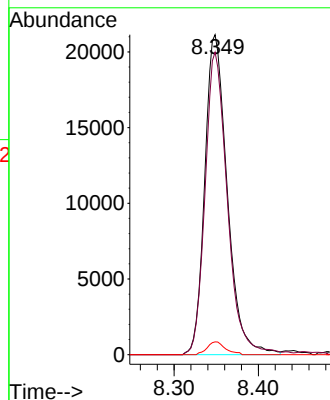
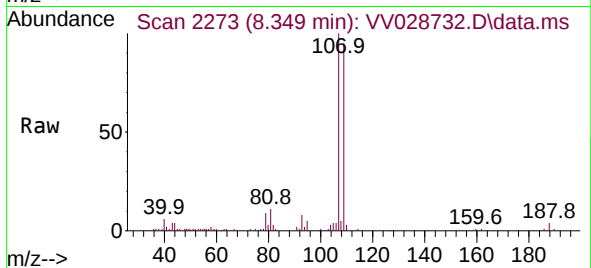
Tgt Ion:107 Resp: 39297

Ion Ratio Lower Upper

107 100

109 94.5 64.0 118.8

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 5.254 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

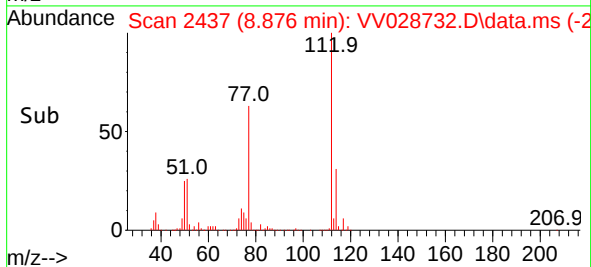
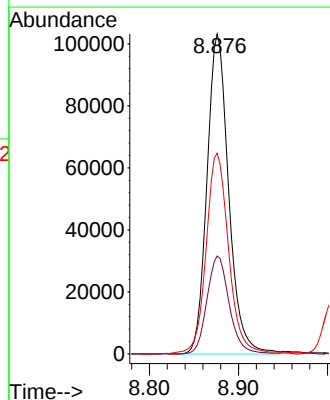
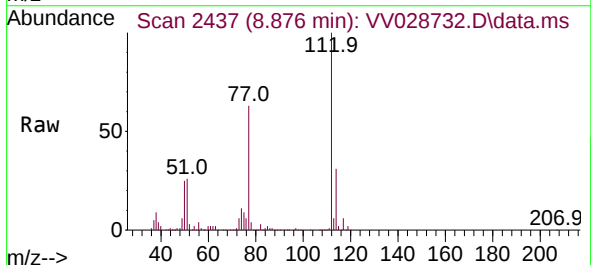
Tgt Ion:112 Resp: 174465

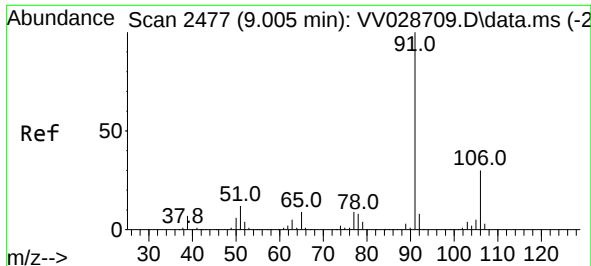
Ion Ratio Lower Upper

112 100

114 30.6 22.0 41.0

77 62.7 50.0 75.0

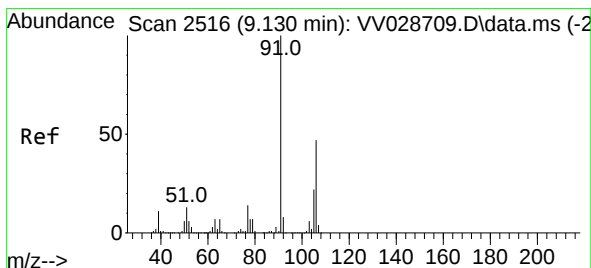
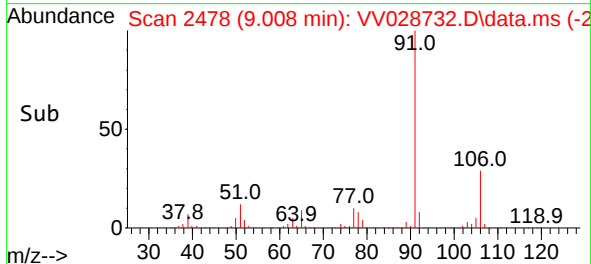
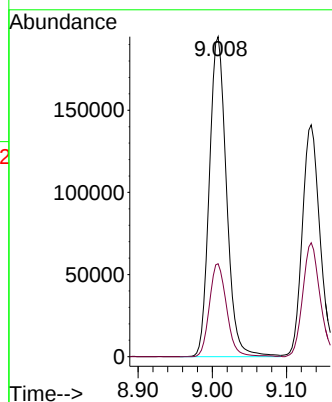
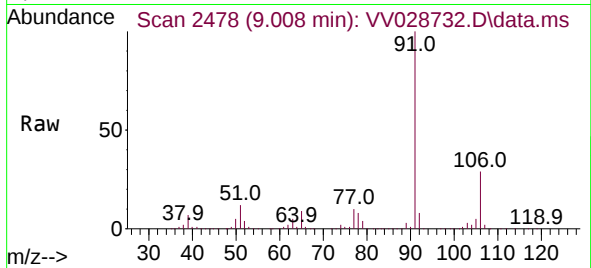




#52
Ethylbenzene
Concen: 5.329 ug/L
RT: 9.008 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

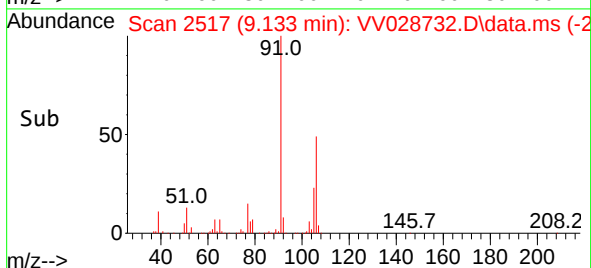
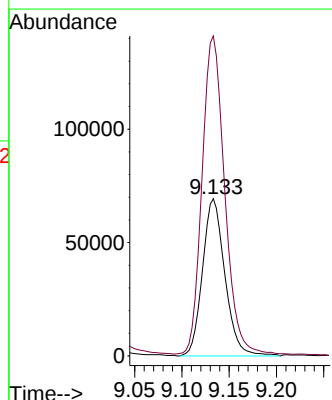
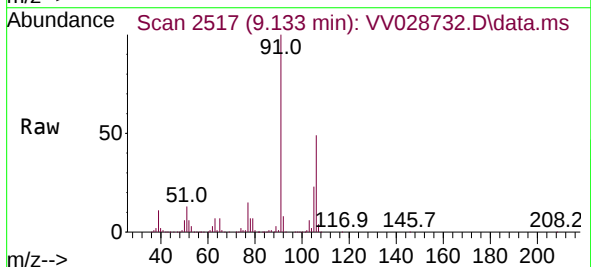
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

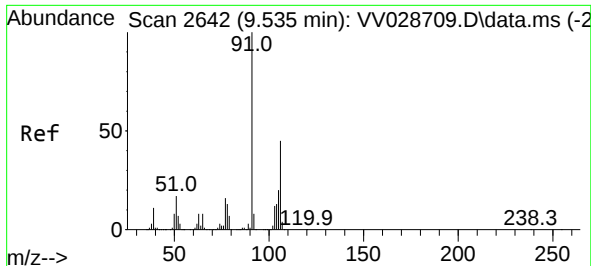
Tgt Ion: 91 Resp: 312314
Ion Ratio Lower Upper
91 100
106 29.0 21.3 39.6



#53
m,p-Xylene
Concen: 5.396 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion: 106 Resp: 114184
Ion Ratio Lower Upper
106 100
91 203.5 145.5 270.1

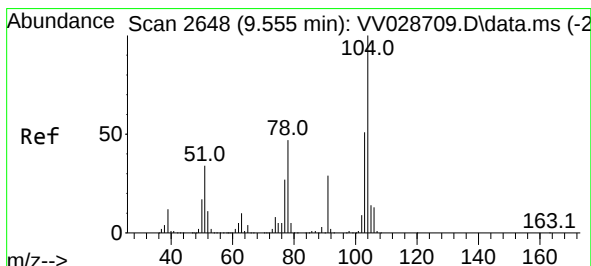
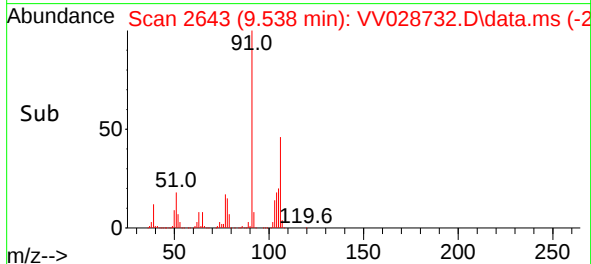
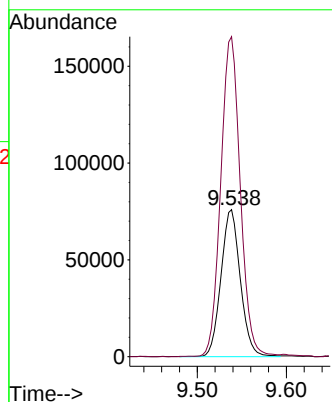
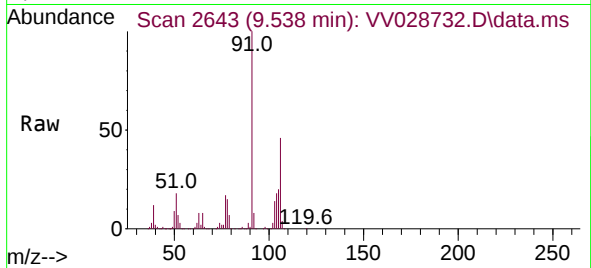




#54
o-Xylene
Concen: 5.392 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

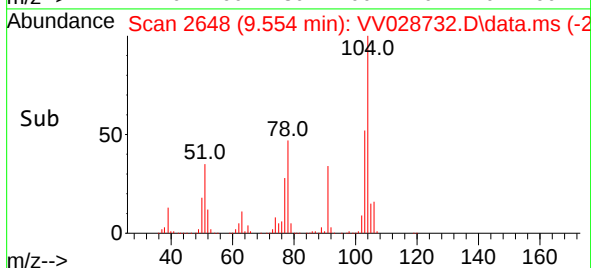
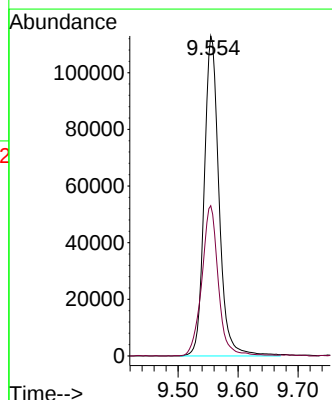
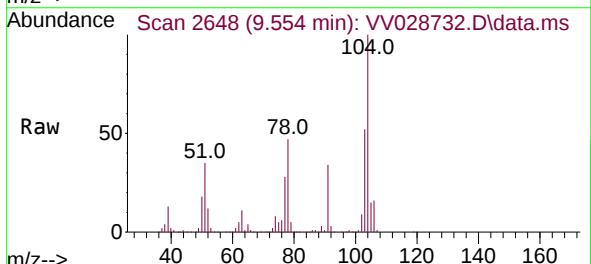
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

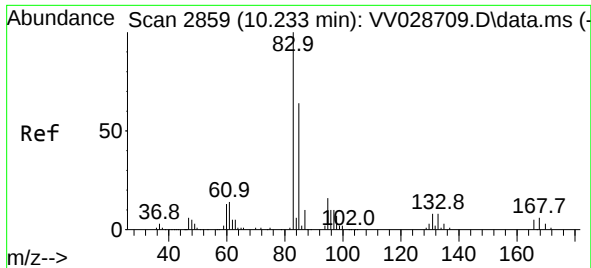
Tgt Ion:106 Resp: 114783
Ion Ratio Lower Upper
106 100
91 217.5 159.0 295.4



#55
Styrene
Concen: 5.413 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion:104 Resp: 194282
Ion Ratio Lower Upper
104 100
78 47.0 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.381 ug/L

RT: 10.236 min Scan# 2859

Delta R.T. 0.003 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005337

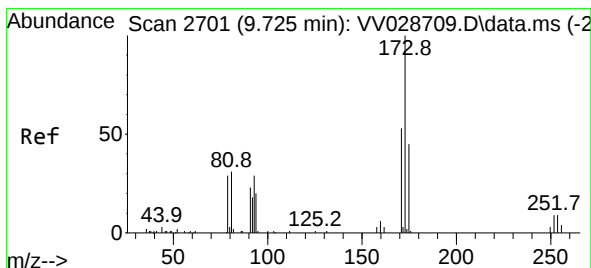
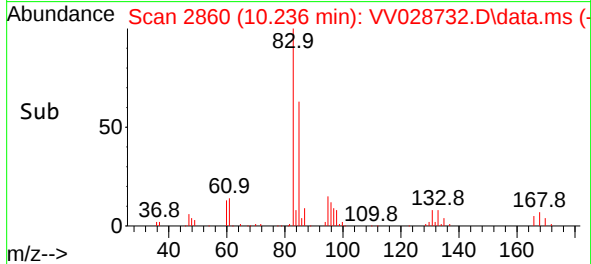
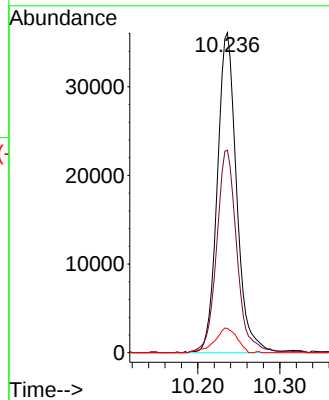
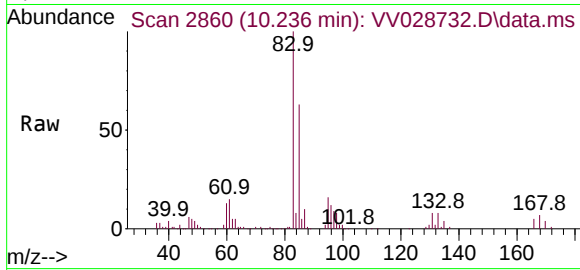
Tgt Ion: 83 Resp: 58944

Ion Ratio Lower Upper

83 100

85 63.3 43.0 80.0

131 7.6 6.5 9.7



#59

Bromoform

Concen: 4.328 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. -0.000 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

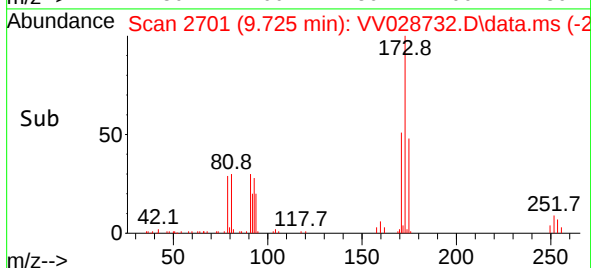
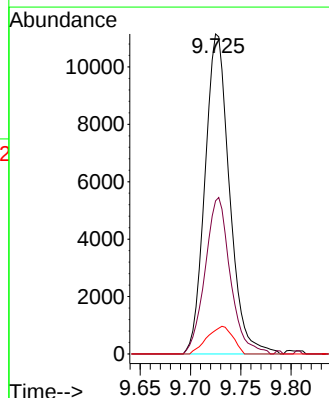
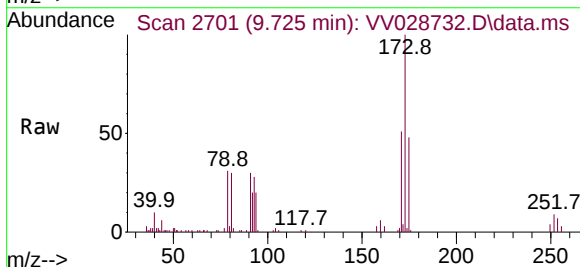
Tgt Ion: 173 Resp: 18919

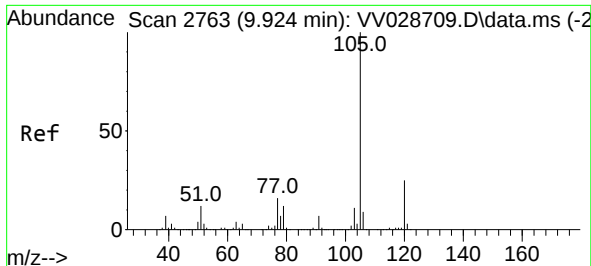
Ion Ratio Lower Upper

173 100

175 50.2 39.8 59.8

254 9.0 7.3 10.9

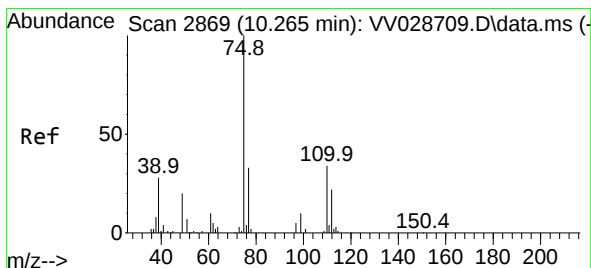
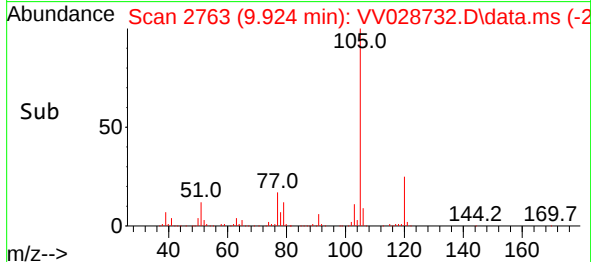
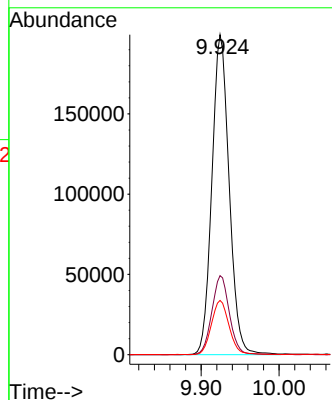
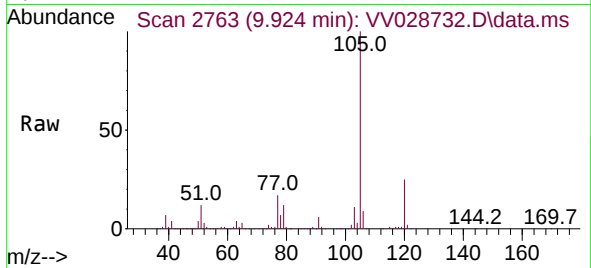




#60
Isopropylbenzene
Concen: 5.483 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

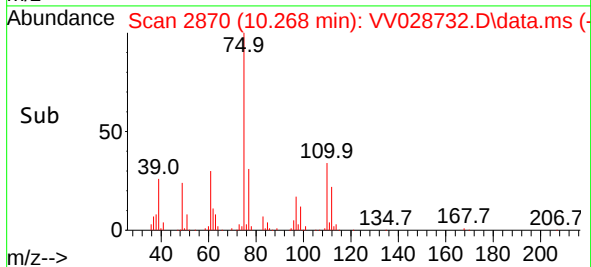
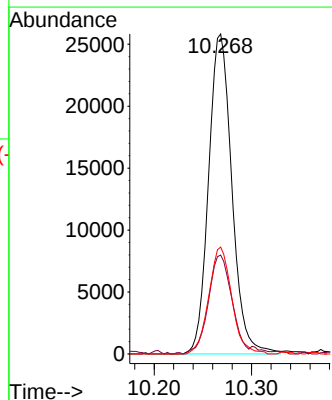
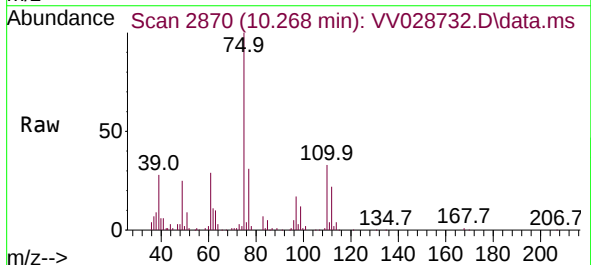
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

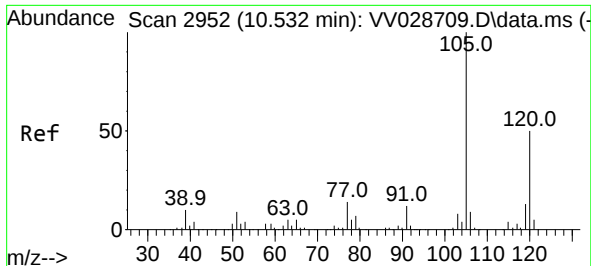
Tgt Ion:105 Resp: 307155
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 17.3 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.614 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion: 75 Resp: 42911
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
110 32.9 27.9 41.9

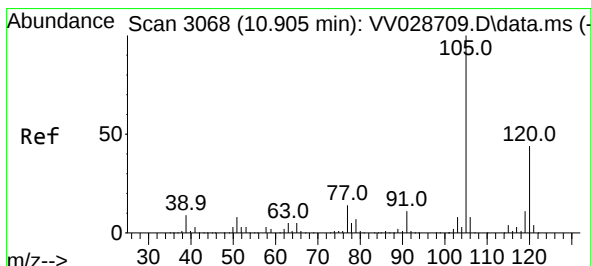
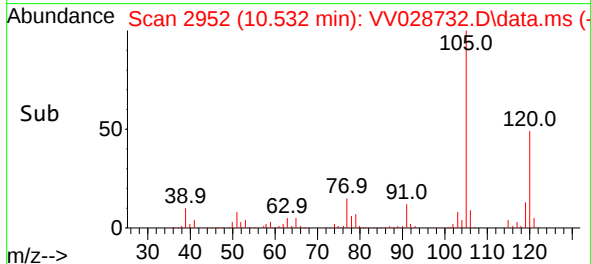
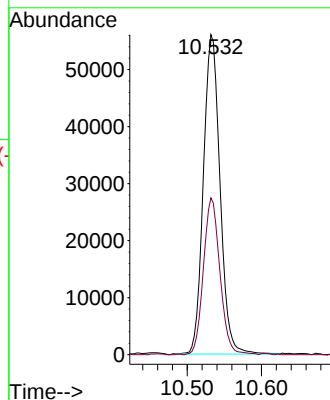
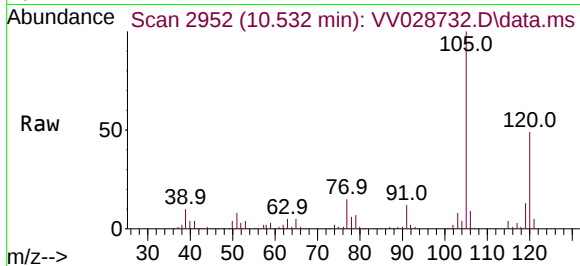




#62
 1,3,5-Trimethylbenzene
 Concen: 5.336 ug/L
 RT: 10.532 min Scan# 2952
 Delta R.T. -0.000 min
 Lab File: VV028732.D
 Acq: 27 Oct 2022 20:57

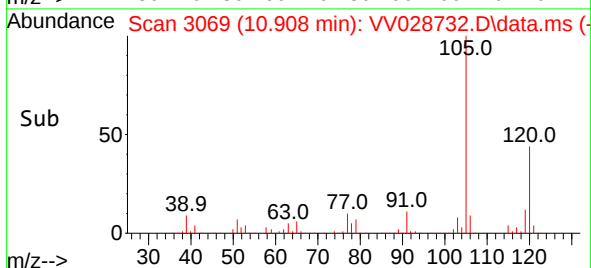
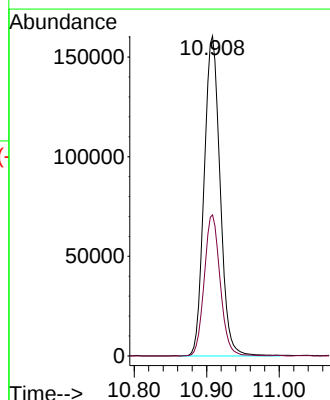
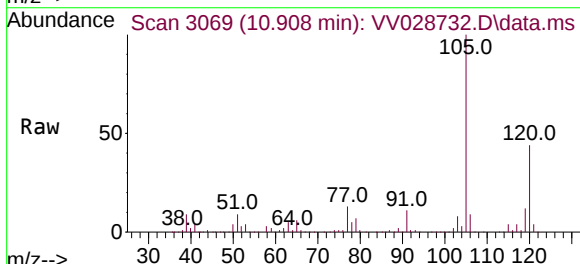
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

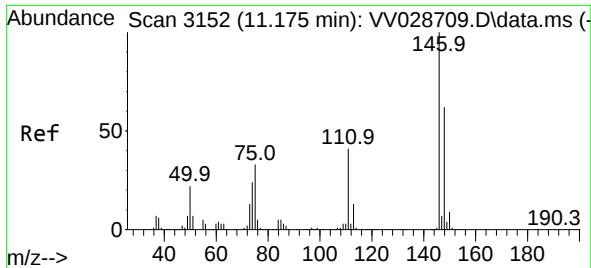
Tgt Ion:105 Resp: 87202
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.433 ug/L
 RT: 10.908 min Scan# 3069
 Delta R.T. 0.003 min
 Lab File: VV028732.D
 Acq: 27 Oct 2022 20:57

Tgt Ion:105 Resp: 245895
 Ion Ratio Lower Upper
 105 100
 120 44.1 36.2 54.2

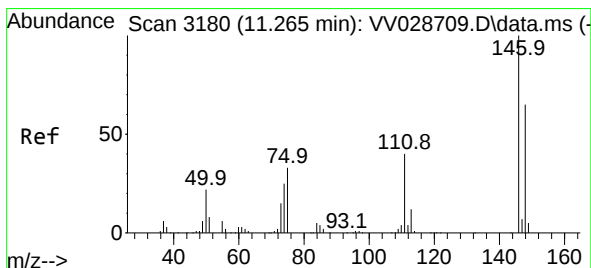
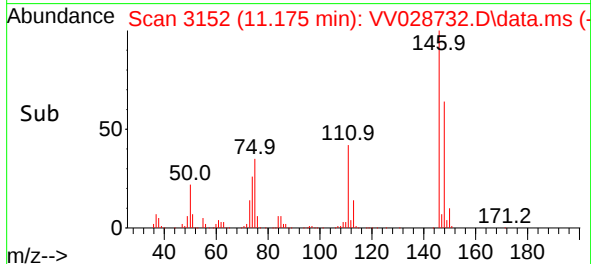
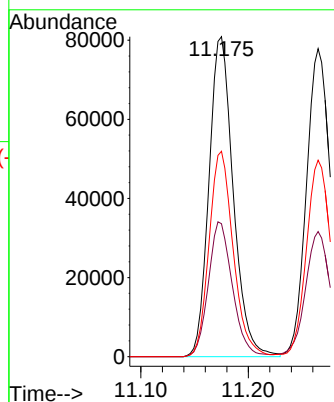
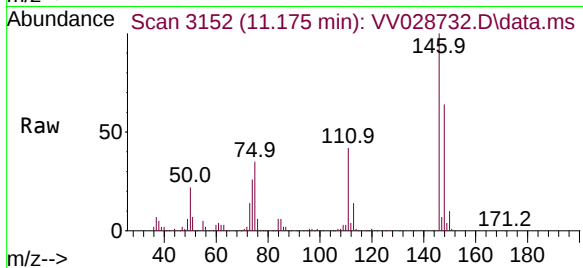




#64
1,3-Dichlorobenzene
Concen: 5.257 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

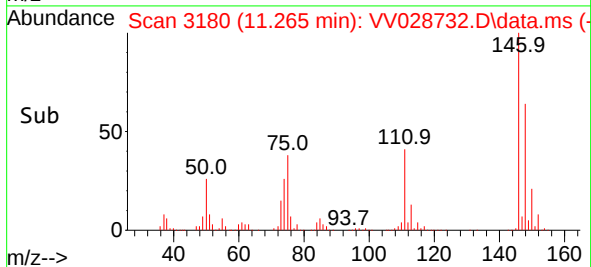
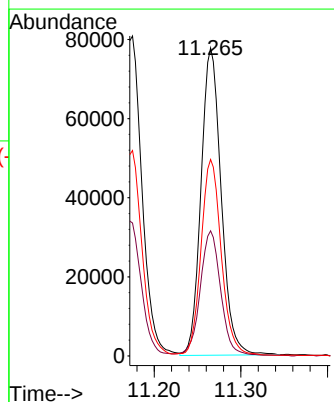
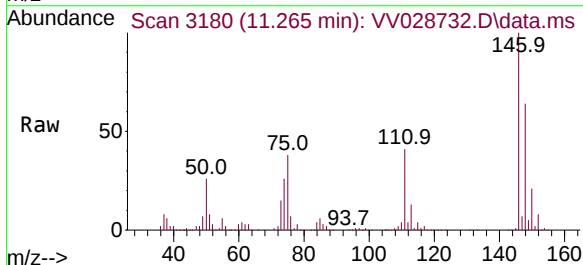
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

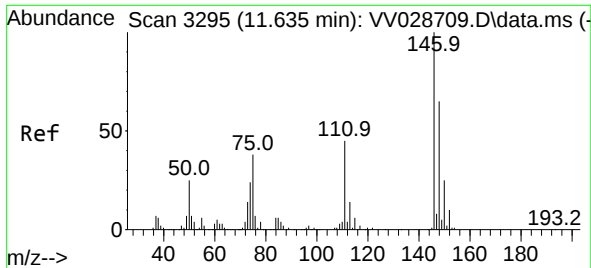
Tgt Ion:146 Resp: 126867
Ion Ratio Lower Upper
146 100
111 41.6 29.0 53.9
148 64.2 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.216 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion:146 Resp: 125582
Ion Ratio Lower Upper
146 100
111 40.6 28.6 53.2
148 63.8 44.3 82.3

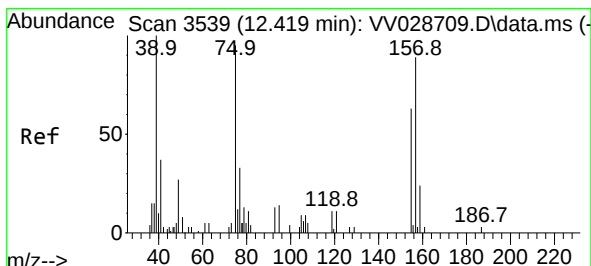
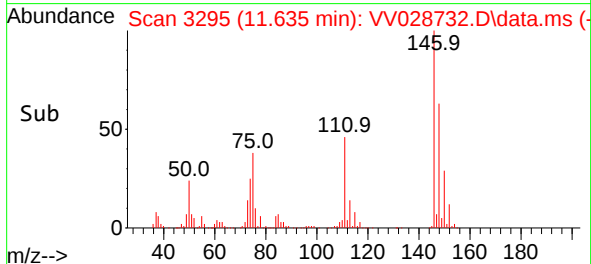
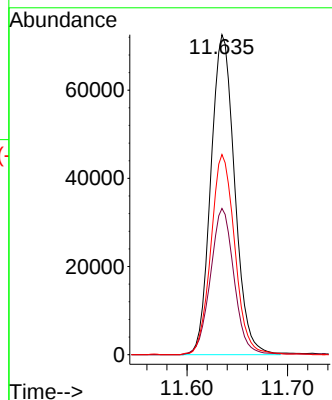
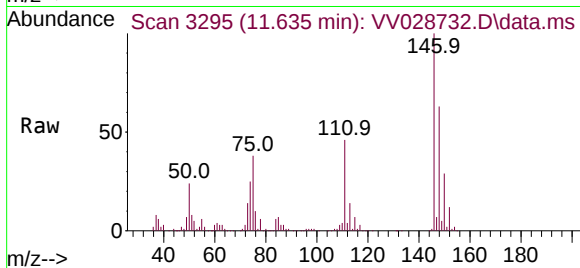




#67
1,2-Dichlorobenzene
Concen: 5.417 ug/L
RT: 11.635 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

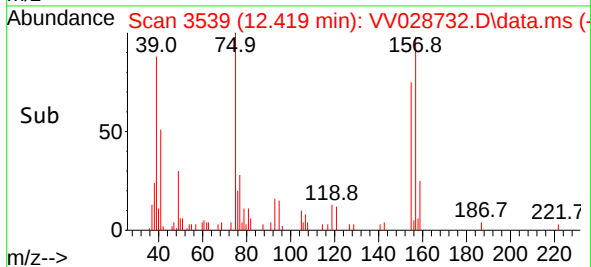
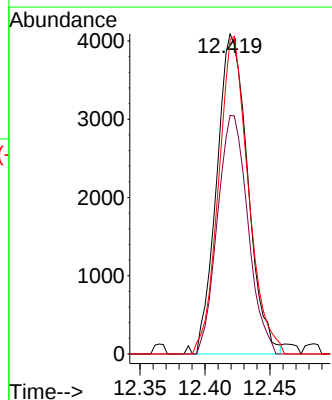
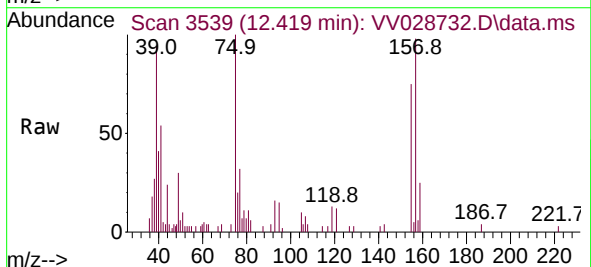
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

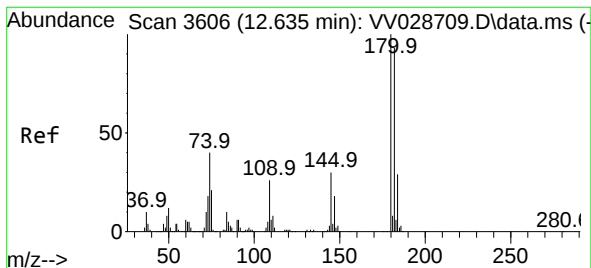
Tgt Ion:146 Resp: 119524
Ion Ratio Lower Upper
146 100
111 45.7 36.2 54.4
148 62.6 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.325 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VV028732.D
Acq: 27 Oct 2022 20:57

Tgt Ion: 75 Resp: 6806
Ion Ratio Lower Upper
75 100
155 74.5 58.2 87.2
157 98.1 71.5 107.3





#69

1,3,5-Trichlorobenzene

Concen: 4.851 ug/L

RT: 12.638 min Scan# 3606

Delta R.T. 0.003 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005337

Tgt Ion:180 Resp: 88901

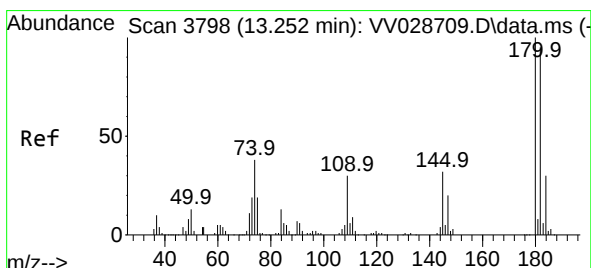
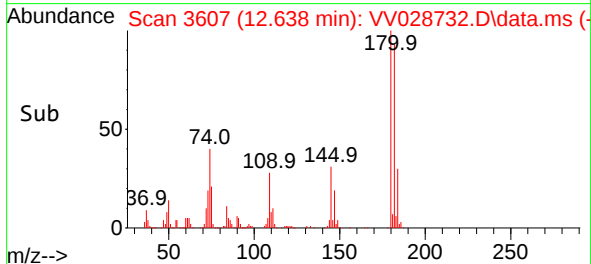
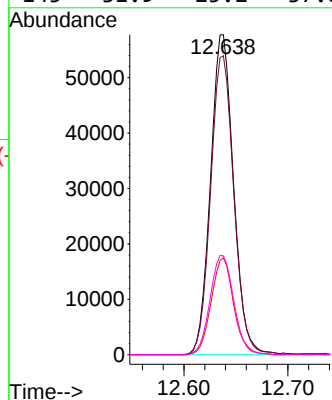
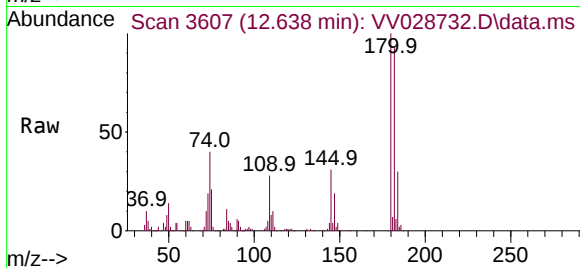
Ion Ratio Lower Upper

180 100

182 94.0 76.6 114.8

184 29.5 24.3 36.5

145 31.9 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.987 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. -0.000 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

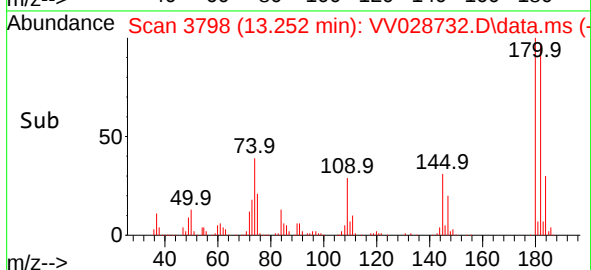
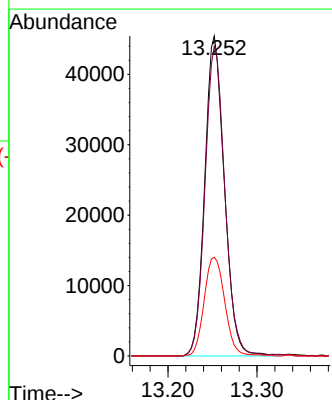
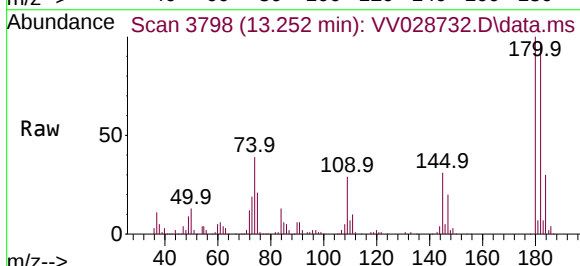
Tgt Ion:180 Resp: 69572

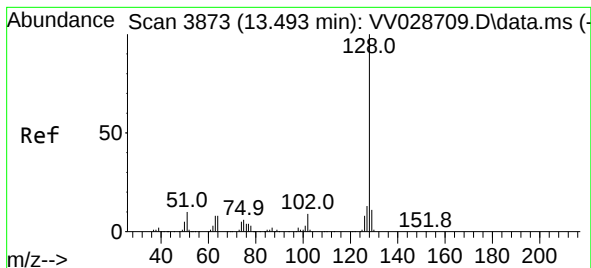
Ion Ratio Lower Upper

180 100

182 97.8 74.7 112.1

145 32.5 25.5 38.3





#71

Naphthalene

Concen: 5.012 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005337

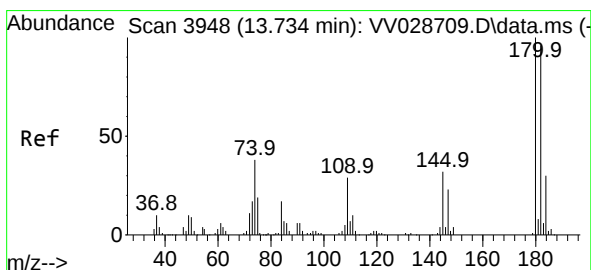
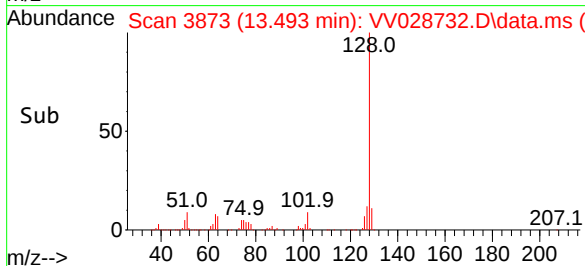
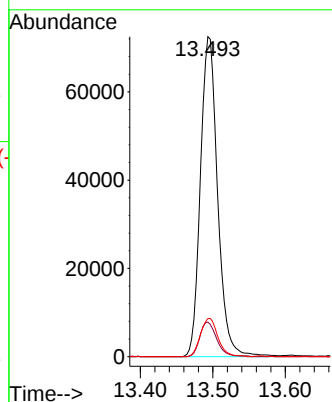
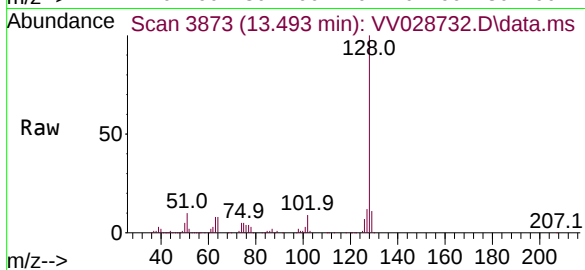
Tgt Ion:128 Resp: 119814

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 12.1 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.298 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. -0.000 min

Lab File: VV028732.D

Acq: 27 Oct 2022 20:57

Tgt Ion:180 Resp: 65506

Ion Ratio Lower Upper

180 100

182 93.5 73.4 110.0

145 33.4 26.3 39.5

