

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081622\
 Data File : VW027401.D
 Acq On : 16 Aug 2022 09:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

Quant Time: Aug 16 18:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	155778	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	155581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	44000	3.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.561	69	38901	3.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.105	63	109998	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.886	46	97082	42.356	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.720%
24) Chloroform-d	4.339	84	117022	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.024	65	56187	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.040	84	205506	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.063	67	66737	4.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.310	98	191843	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.619	79	23700	4.822	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.085	63	96134	50.537	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51364	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	66842	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	96682	5.223	ug/L	97
3) Chloromethane	1.237	50	78027	4.214	ug/L	96
5) Vinyl chloride	1.307	62	78091	4.521	ug/L	100
6) Bromomethane	1.516	94	31408	3.894	ug/L	98
8) Chloroethane	1.581	64	45980	4.788	ug/L	95
9) Trichlorofluoromethane	1.748	101	129370	5.610	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	72813	6.724	ug/L	95
12) 1,1-Dichloroethene	2.111	96	64555	5.754	ug/L	88
13) Acetone	2.175	43	61261	36.168	ug/L	98
14) Carbon disulfide	2.288	76	184243	4.102	ug/L	99
15) Methyl Acetate	2.433	43	20537	4.980	ug/L	91
16) Methylene chloride	2.500	84	73902	4.102	ug/L	97
17) Methyl tert-butyl Ether	2.761	73	121517	4.641	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	65848	4.772	ug/L	96
19) 1,1-Dichloroethane	3.179	63	131053	4.961	ug/L	99
21) 2-Butanone	3.970	43	102488	44.438	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	68070	5.017	ug/L	100
23) Bromochloromethane	4.236	128	30037	4.736	ug/L	99
25) Chloroform	4.365	83	149866	5.521	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081622\
 Data File : VW027401.D
 Acq On : 16 Aug 2022 09:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

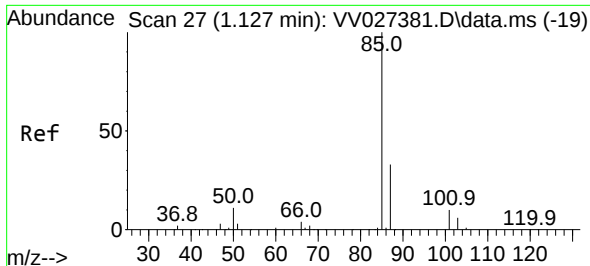
Quant Time: Aug 16 18:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	77264	4.981	ug/L	97
29) 1,1,1-Trichloroethane	4.597	97	124135	5.670	ug/L	99
30) Cyclohexane	4.667	56	94509	5.328	ug/L	97
31) Carbon tetrachloride	4.818	117	113741	5.969	ug/L	97
33) Benzene	5.088	78	285119	5.362	ug/L	100
34) Trichloroethene	5.905	95	71736	5.420	ug/L	98
35) Methylcyclohexane	6.124	83	102880	5.646	ug/L	98
37) 1,2-Dichloropropane	6.166	63	75259	5.726	ug/L	99
38) Bromodichloromethane	6.503	83	94109	5.556	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	88433	5.504	ug/L	93
40) 4-Methyl-2-pentanone	7.223	43	341644	50.366	ug/L	100
42) Toluene	7.381	91	311014	5.862	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	77654	5.525	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	47567	5.076	ug/L	99
47) Tetrachloroethene	7.969	164	59014	5.677	ug/L	98
48) 2-Hexanone	8.137	43	256748	52.746	ug/L	99
49) Dibromochloromethane	8.243	129	60538	5.519	ug/L	100
50) 1,2-Dibromoethane	8.349	107	42784	5.135	ug/L	99
51) Chlorobenzene	8.876	112	189758	5.491	ug/L	98
52) Ethylbenzene	9.008	91	298447	5.599	ug/L	99
53) m,p-Xylene	9.133	106	119264	5.866	ug/L	100
54) o-Xylene	9.542	106	110806	5.572	ug/L	96
55) Styrene	9.558	104	201822	5.902	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	56063	5.367	ug/L	97
59) Bromoform	9.728	173	29790	5.166	ug/L	96
60) Isopropylbenzene	9.928	105	303812	5.641	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	39527	4.800	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	76454	5.136	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	225772	5.291	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	150585	5.595	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	149975	5.538	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	134776	5.378	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	7761	4.511	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	107112	5.519	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	74281	5.122	ug/L	99
71) Naphthalene	13.500	128	92834	4.143	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	67717	5.009	ug/L	99

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

Quant Time: Aug 16 18:34:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 16 00:24:20 2022
Response via : Initial Calibration

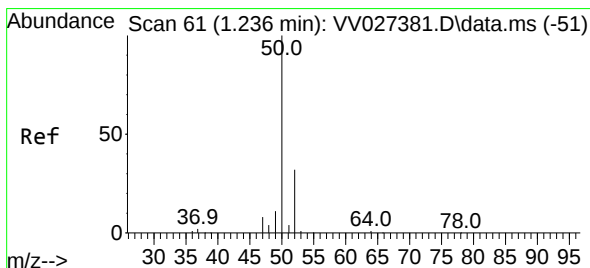
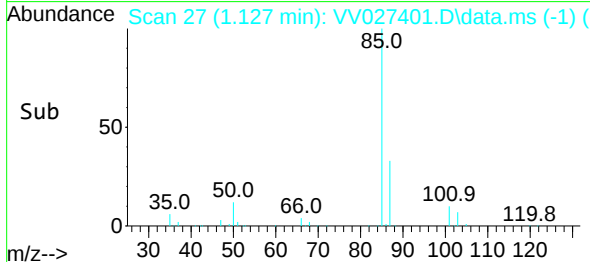
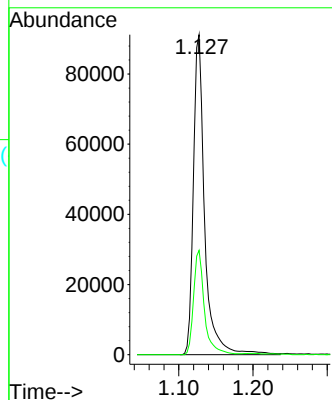
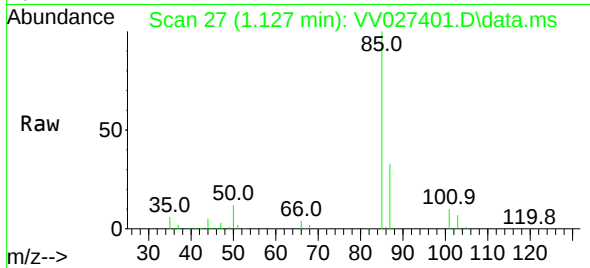




#2
 Dichlorodifluoromethane
 Concen: 5.223 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

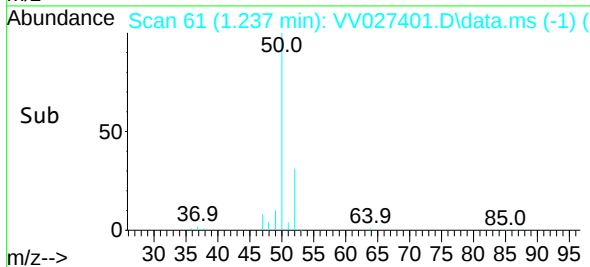
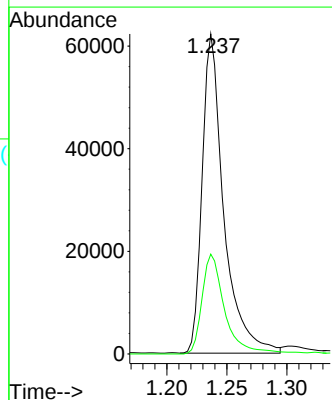
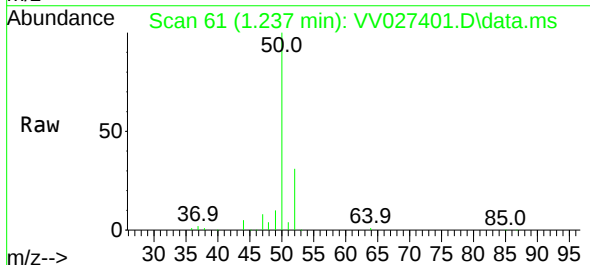
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

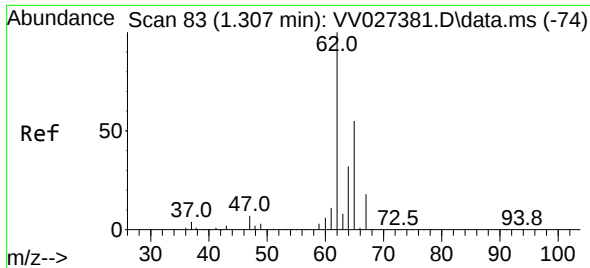
Tgt Ion: 85 Resp: 96682
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.2 39.4



#3
 Chloromethane
 Concen: 4.214 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

Tgt Ion: 50 Resp: 78027
 Ion Ratio Lower Upper
 50 100
 52 31.2 23.4 43.4

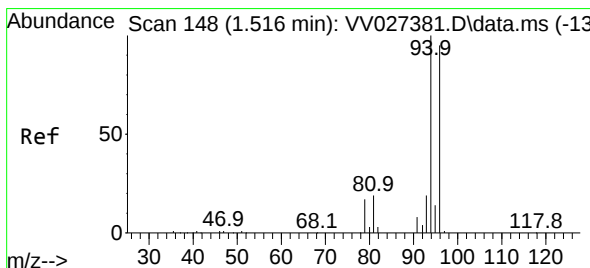
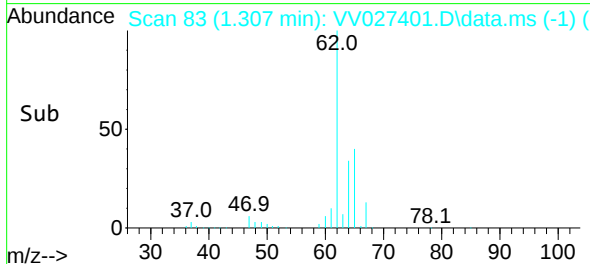
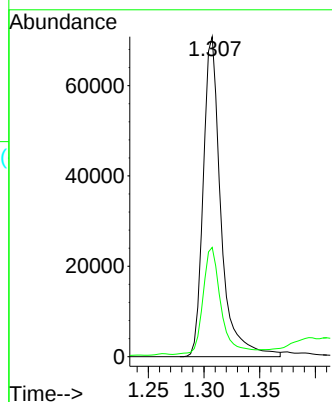
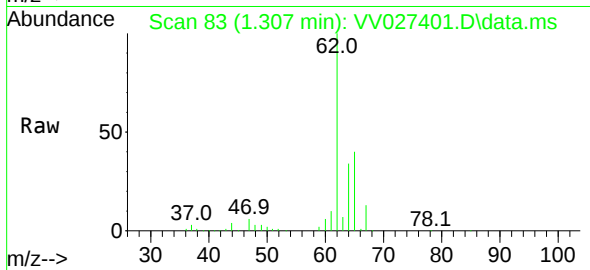




#5
 Vinyl chloride
 Concen: 4.521 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

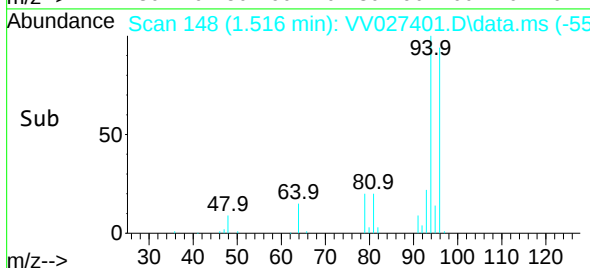
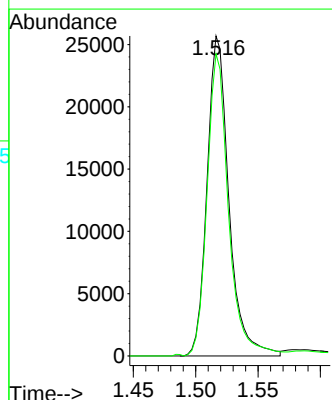
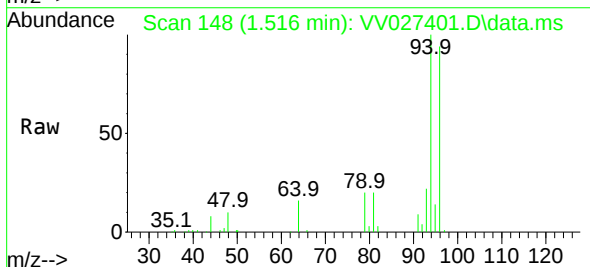
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

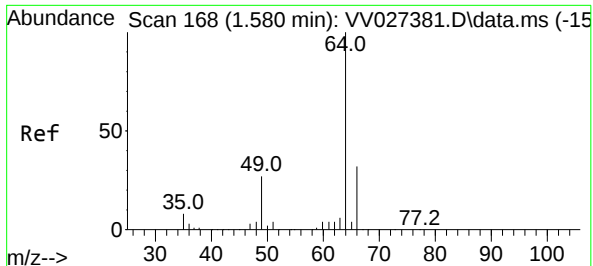
Tgt Ion: 62 Resp: 78091
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.7 44.1



#6
 Bromomethane
 Concen: 3.894 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

Tgt Ion: 94 Resp: 31408
 Ion Ratio Lower Upper
 94 100
 96 94.4 67.2 124.8

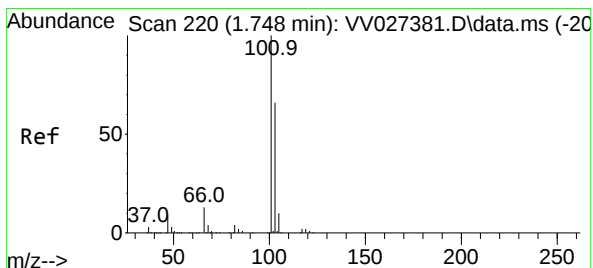
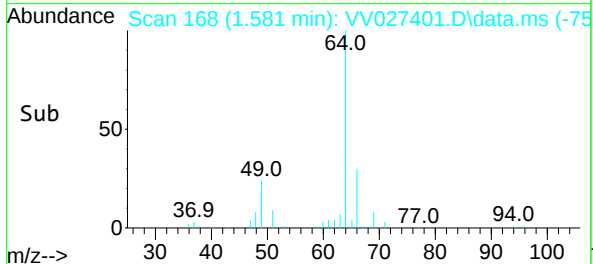
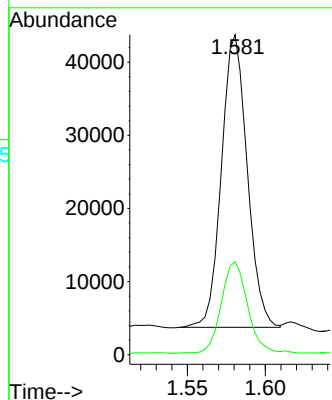
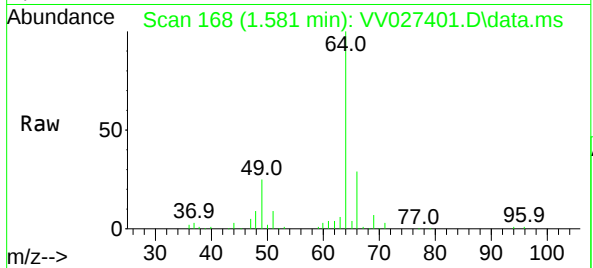




#8
Chloroethane
Concen: 4.788 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

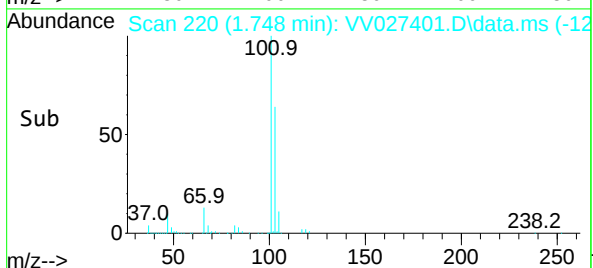
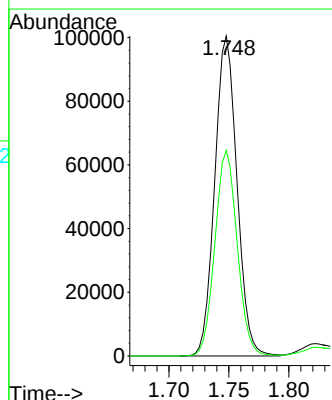
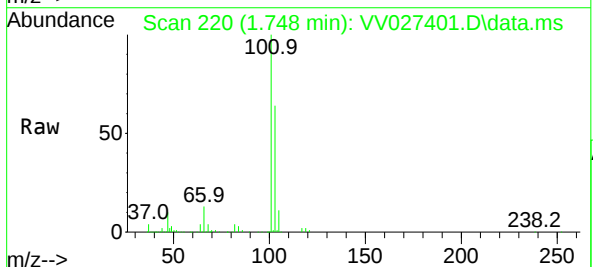
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

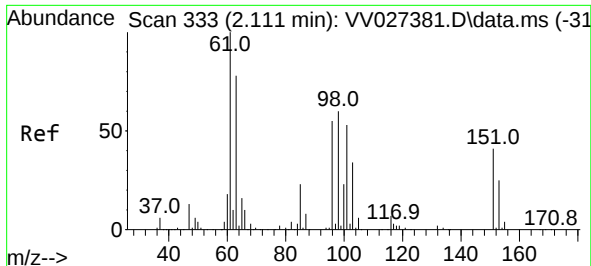
Tgt Ion: 64 Resp: 45980
Ion Ratio Lower Upper
64 100
66 29.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.610 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion: 101 Resp: 129370
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.724 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

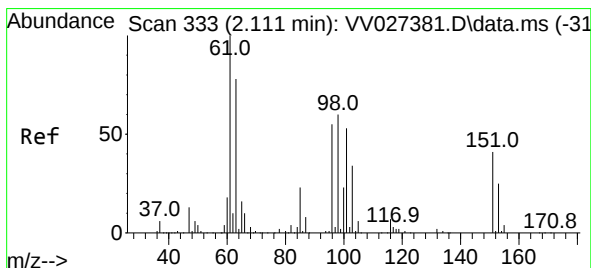
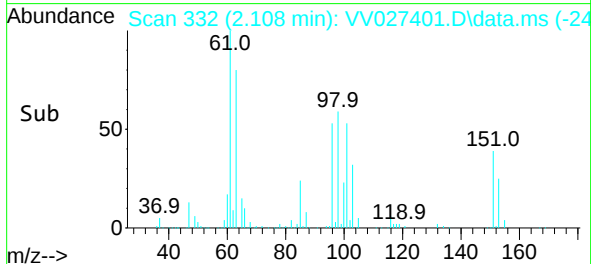
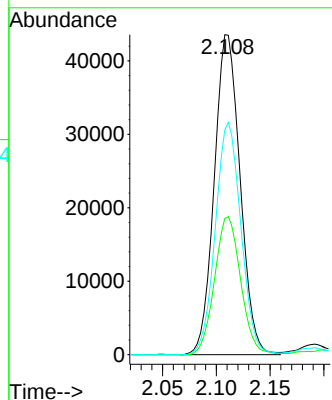
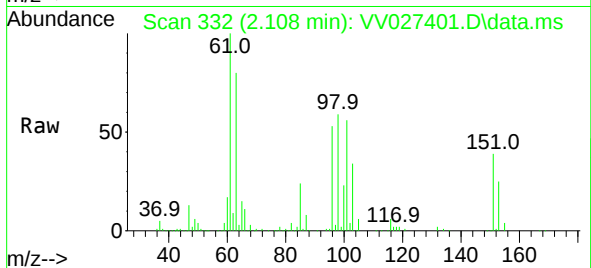
Tgt Ion:101 Resp: 72813

Ion Ratio Lower Upper

101 100

85 43.5 36.2 54.4

151 72.0 62.0 93.0



#12

1,1-Dichloroethene

Concen: 5.754 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

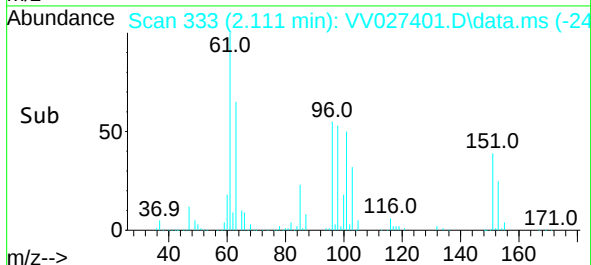
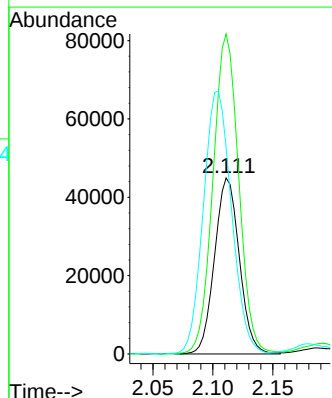
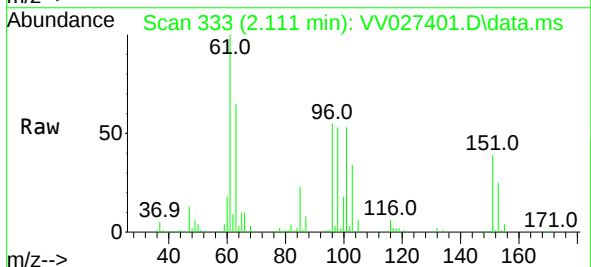
Tgt Ion: 96 Resp: 64555

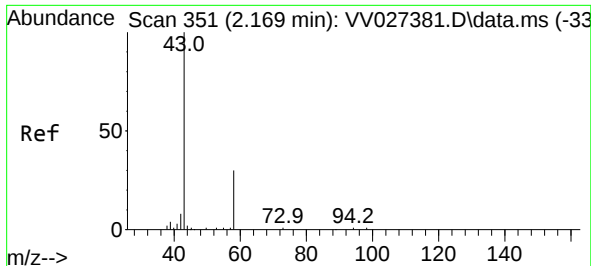
Ion Ratio Lower Upper

96 100

61 181.8 130.7 242.7

63 117.4 101.4 188.2





#13

Acetone

Concen: 36.168 ug/L

RT: 2.175 min Scan# 351

Delta R.T. 0.007 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Instrument :

MSVOA_V

ClientSampleId :

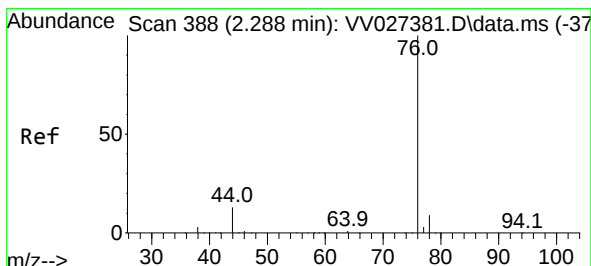
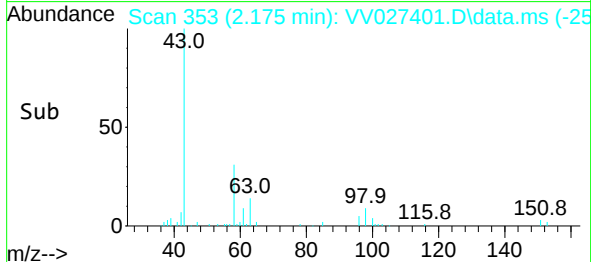
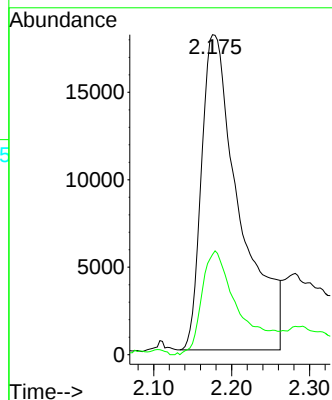
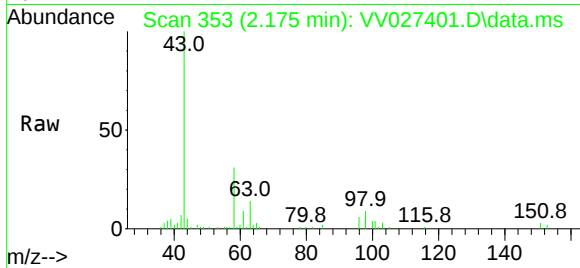
VSTD005373

Tgt Ion: 43 Resp: 61261

Ion Ratio Lower Upper

43 100

58 30.4 0.0 63.2



#14

Carbon disulfide

Concen: 4.102 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV027401.D

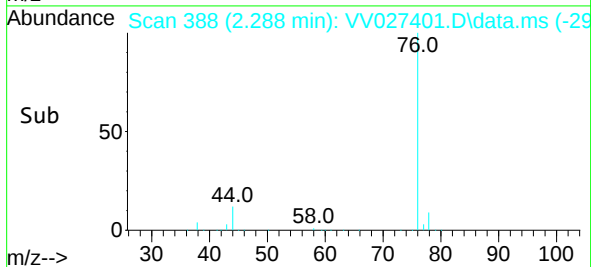
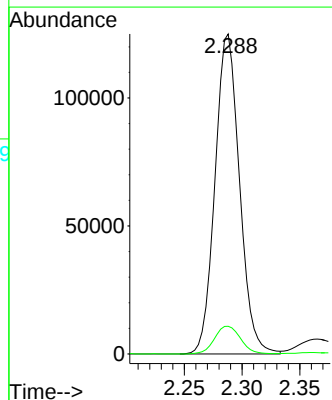
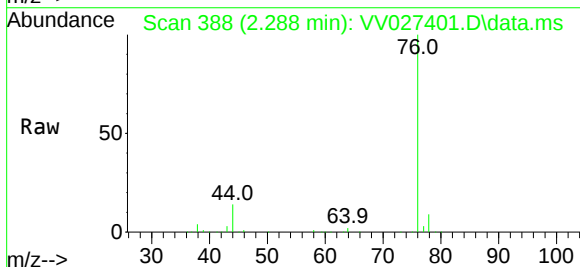
Acq: 16 Aug 2022 09:05

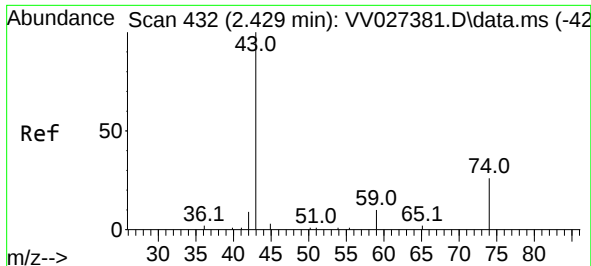
Tgt Ion: 76 Resp: 184243

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8

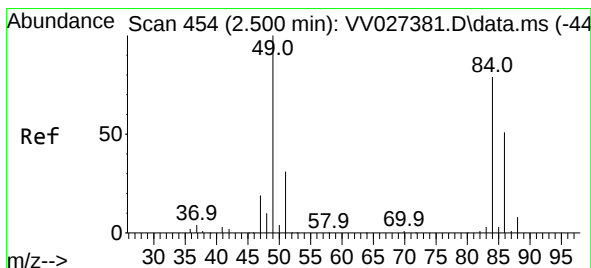
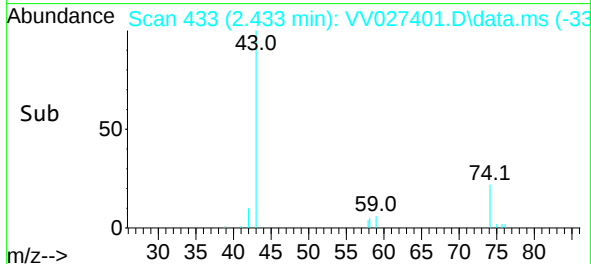
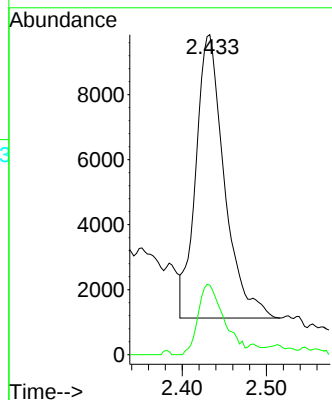
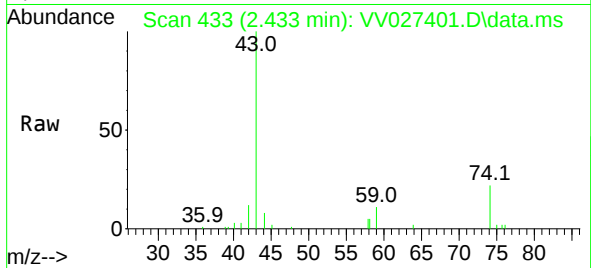




#15
Methyl Acetate
Concen: 4.980 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

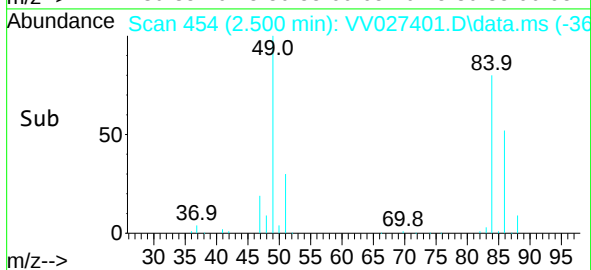
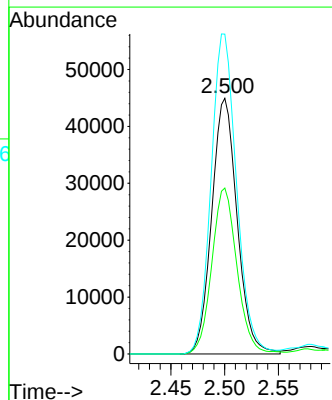
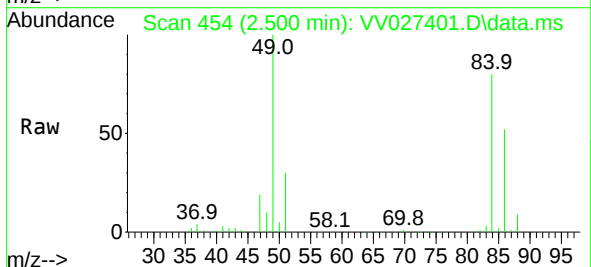
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

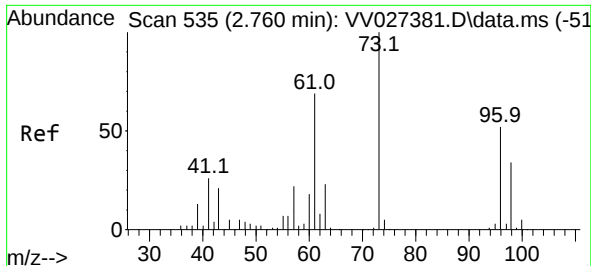
Tgt Ion: 43 Resp: 20537
Ion Ratio Lower Upper
43 100
74 22.7 21.8 32.8



#16
Methylene chloride
Concen: 4.102 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion: 84 Resp: 73902
Ion Ratio Lower Upper
84 100
86 64.9 45.1 83.9
49 125.1 91.2 169.4

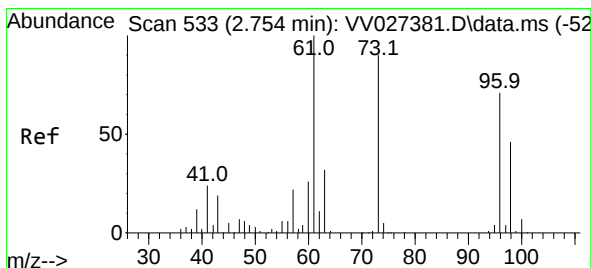
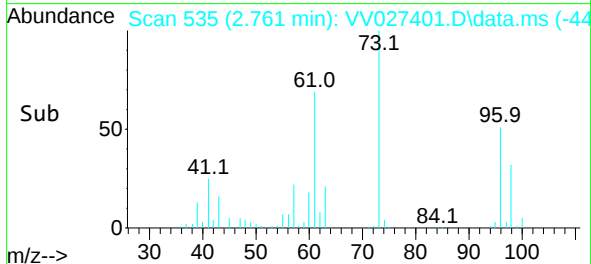
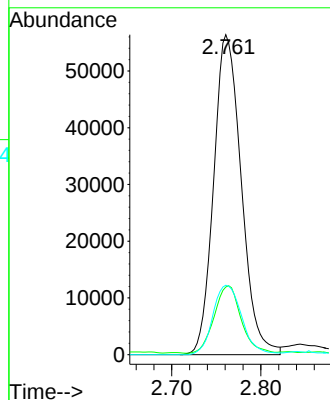
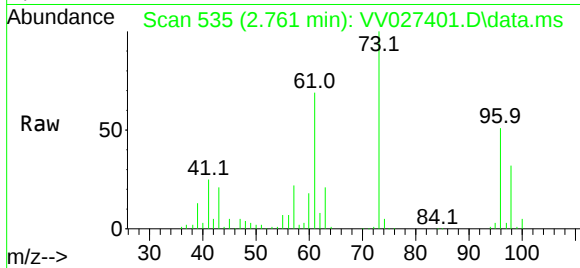




#17
Methyl tert-butyl Ether
Concen: 4.641 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

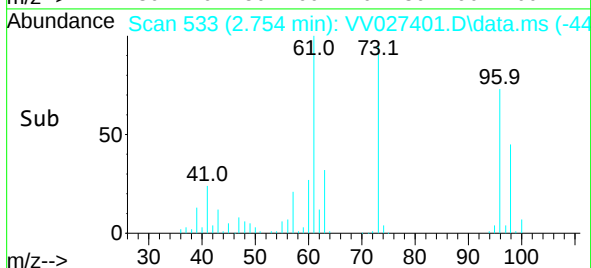
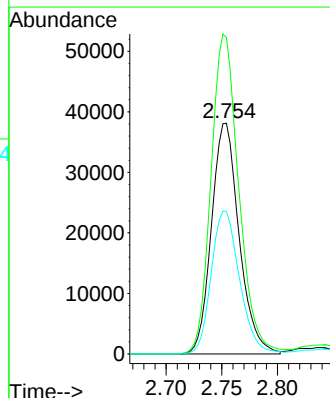
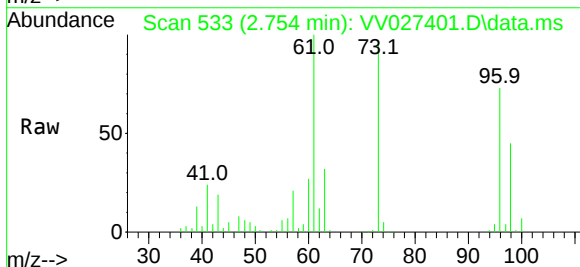
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

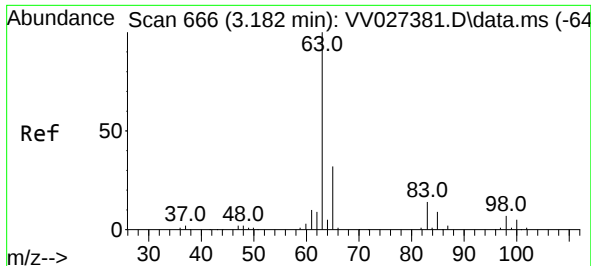
Tgt Ion: 73 Resp: 121517
Ion Ratio Lower Upper
73 100
43 20.5 15.8 23.8
57 22.8 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.772 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion: 96 Resp: 65848
Ion Ratio Lower Upper
96 100
61 137.1 99.6 185.0
98 61.8 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.961 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

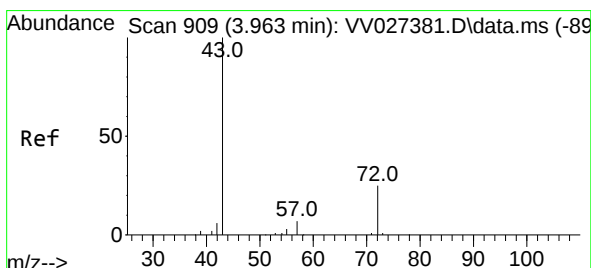
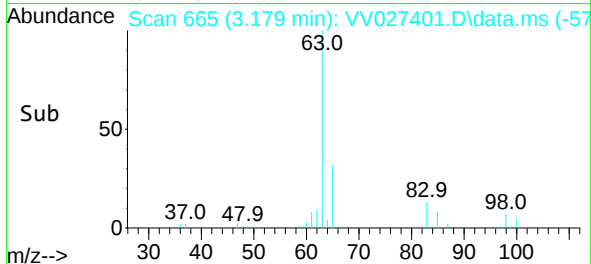
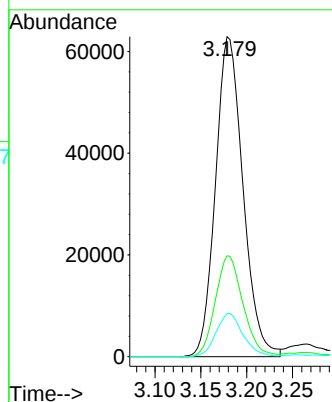
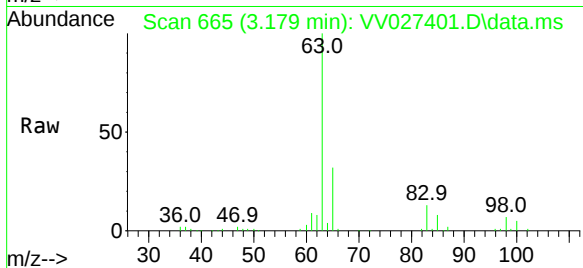
Tgt Ion: 63 Resp: 131053

Ion Ratio Lower Upper

63 100

65 31.5 21.6 40.2

83 13.4 9.3 17.3



#21

2-Butanone

Concen: 44.438 ug/L

RT: 3.970 min Scan# 911

Delta R.T. 0.007 min

Lab File: VV027401.D

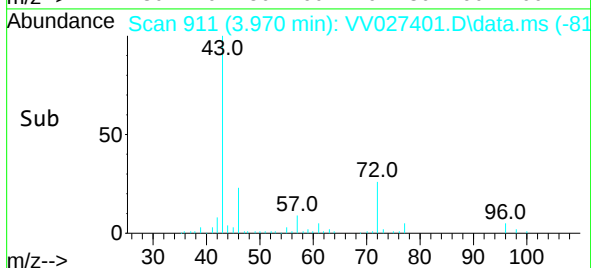
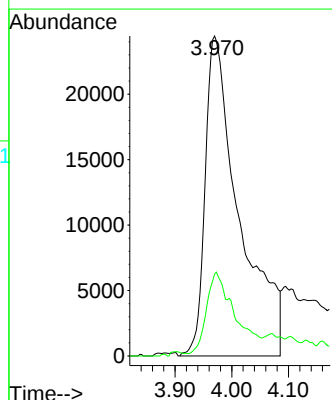
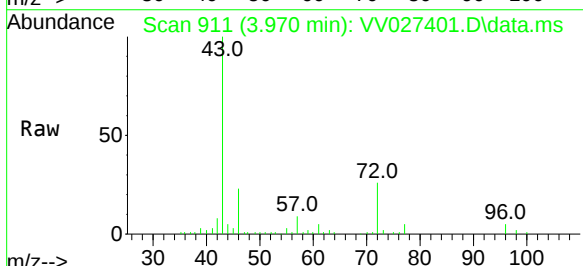
Acq: 16 Aug 2022 09:05

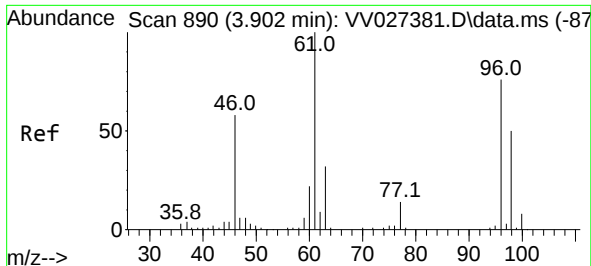
Tgt Ion: 43 Resp: 102488

Ion Ratio Lower Upper

43 100

72 21.6 12.9 38.6





#22

cis-1,2-Dichloroethene

Concen: 5.017 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.000 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

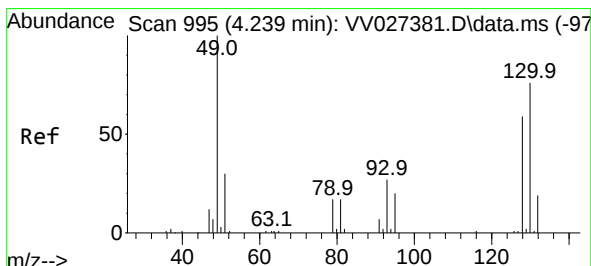
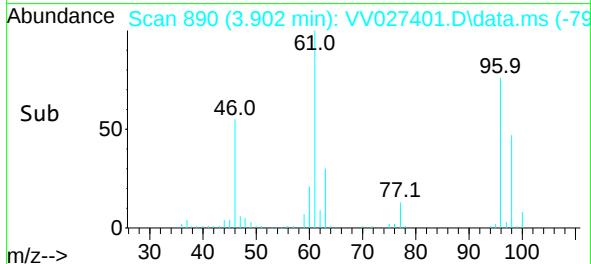
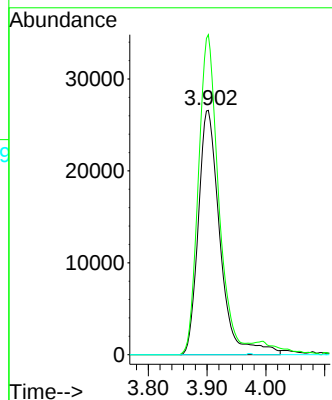
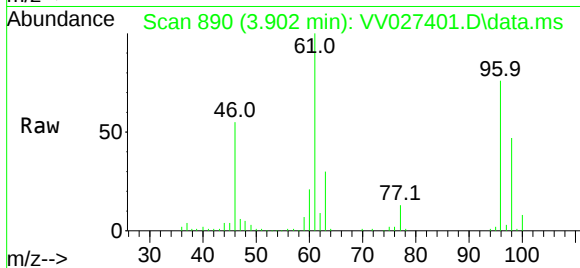
Tgt Ion: 96 Resp: 68070

Ion Ratio Lower Upper

96 100

61 131.0 91.3 169.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.736 ug/L

RT: 4.236 min Scan# 994

Delta R.T. -0.003 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Tgt Ion: 128 Resp: 30037

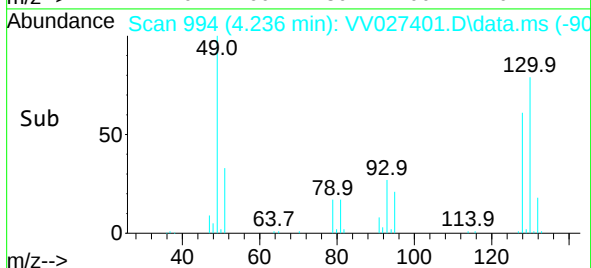
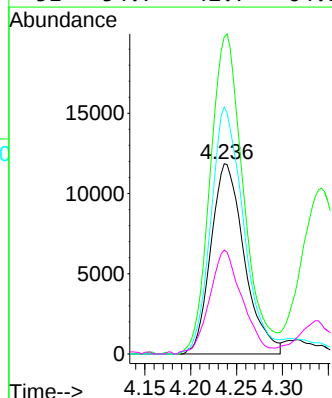
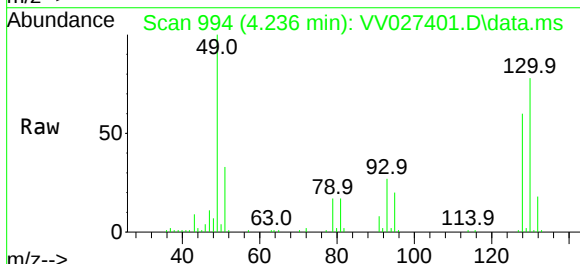
Ion Ratio Lower Upper

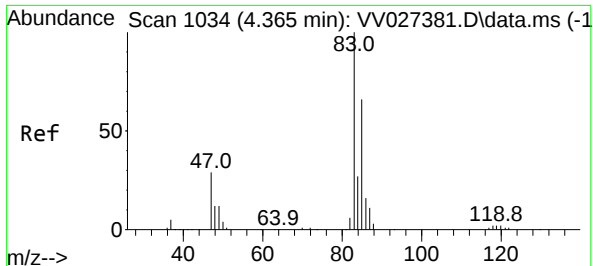
128 100

49 166.6 118.5 220.1

130 129.8 90.3 167.7

51 54.7 42.7 64.1

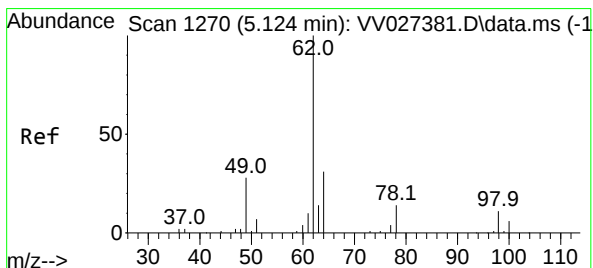
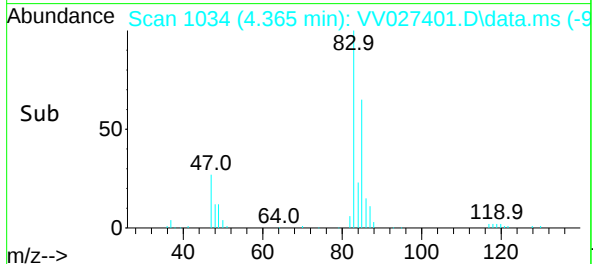
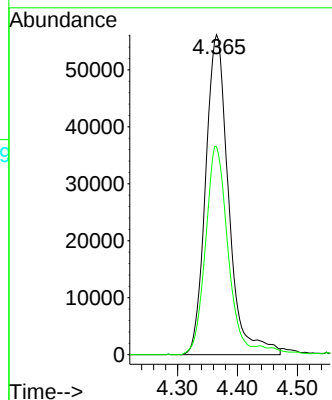
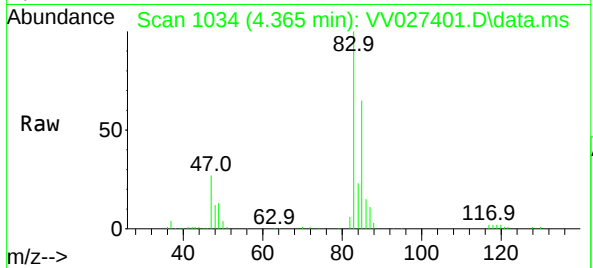




#25
Chloroform
Concen: 5.521 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

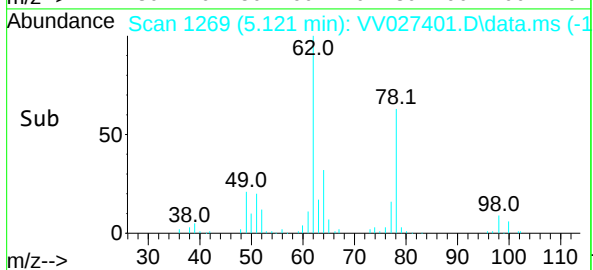
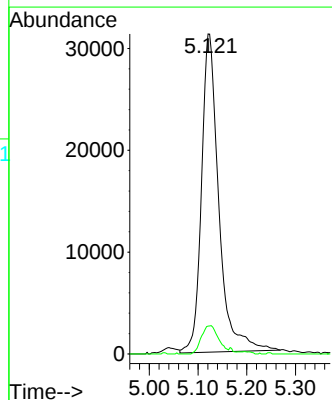
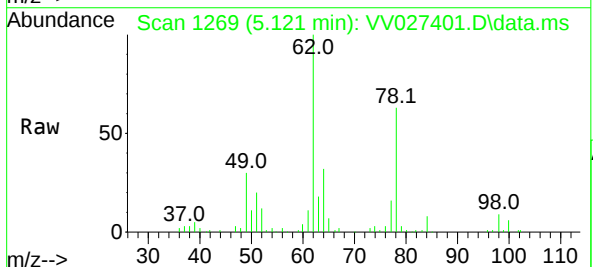
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

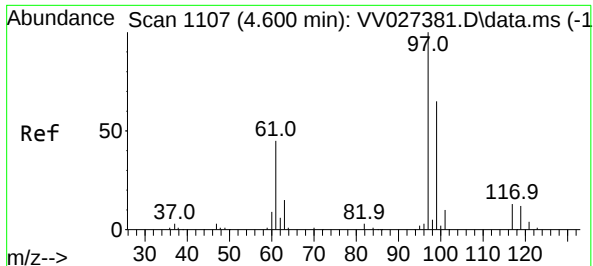
Tgt Ion: 83 Resp: 149866
Ion Ratio Lower Upper
83 100
85 65.0 45.2 84.0



#27
1,2-Dichloroethane
Concen: 4.981 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion: 62 Resp: 77264
Ion Ratio Lower Upper
62 100
98 8.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.670 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

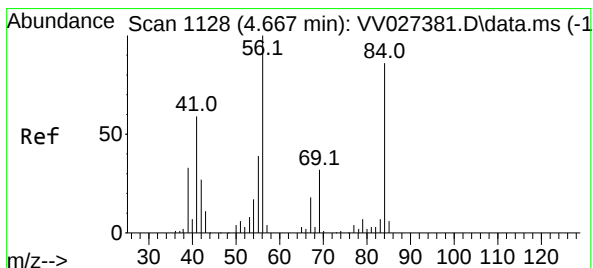
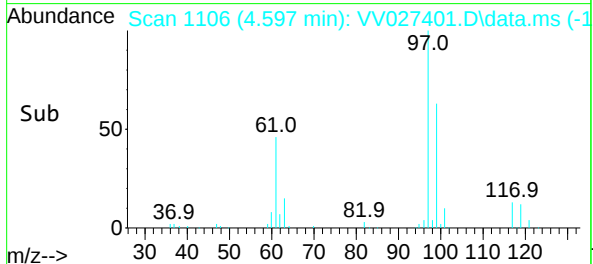
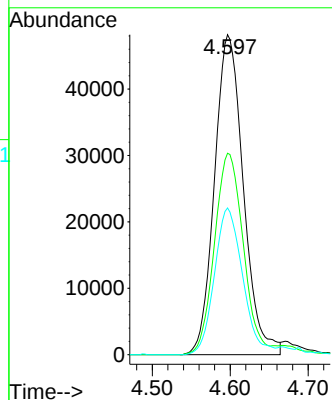
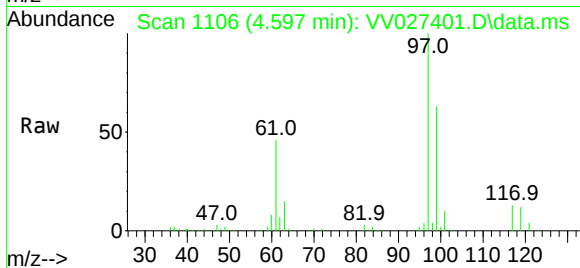
Tgt Ion: 97 Resp: 124135

Ion Ratio Lower Upper

97 100

99 62.7 50.8 76.2

61 44.9 36.5 54.7



#30

Cyclohexane

Concen: 5.328 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

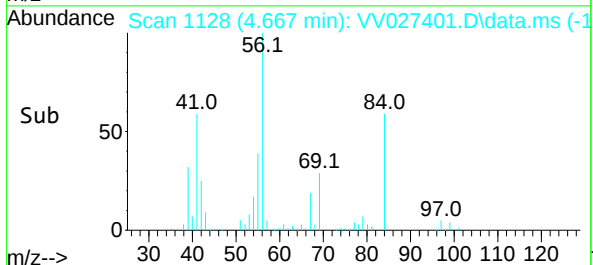
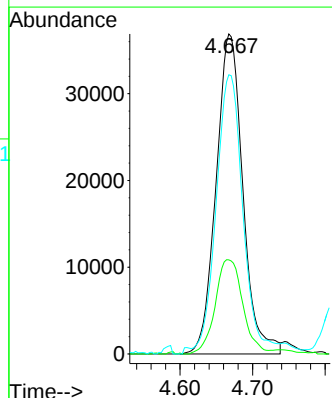
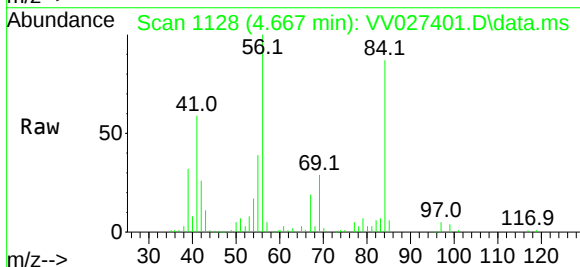
Tgt Ion: 56 Resp: 94509

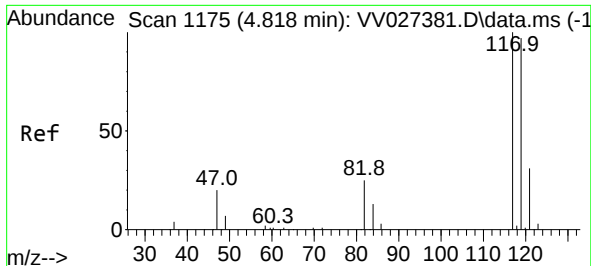
Ion Ratio Lower Upper

56 100

69 30.3 24.0 36.0

84 82.4 69.1 103.7

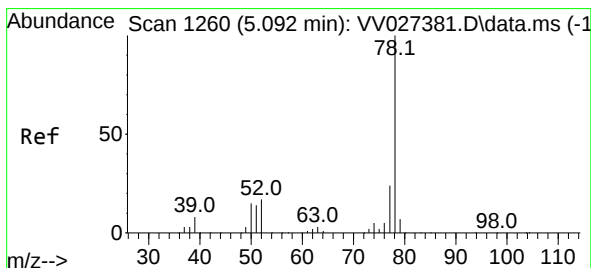
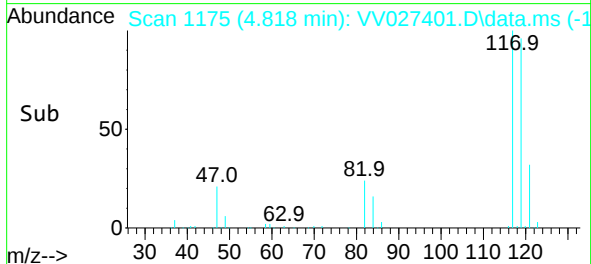
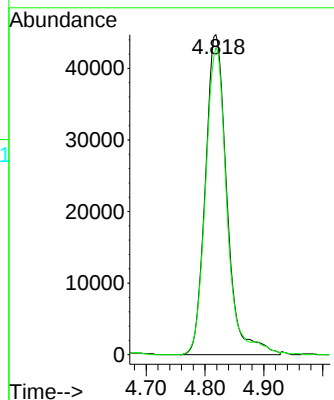
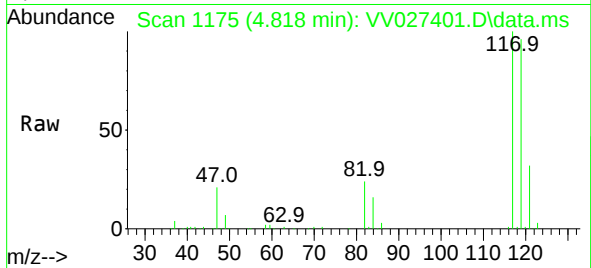




#31
Carbon tetrachloride
Concen: 5.969 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

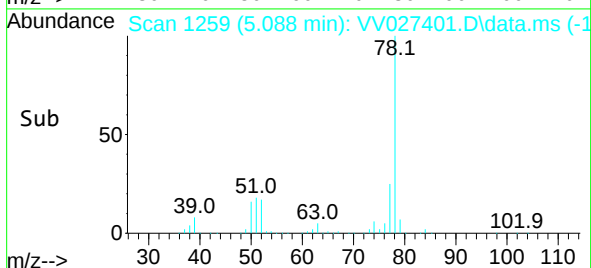
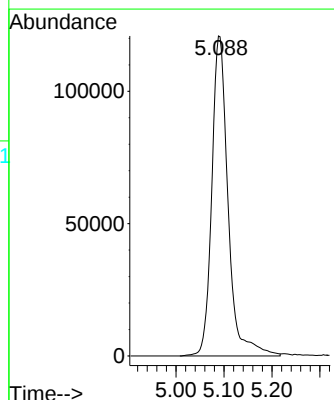
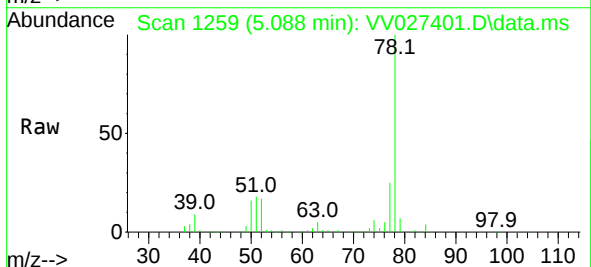
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

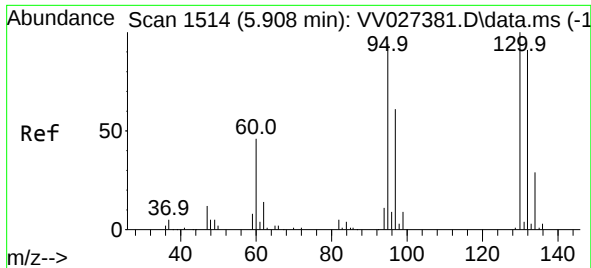
Tgt Ion:117 Resp: 113741
Ion Ratio Lower Upper
117 100
119 92.9 76.6 115.0



#33
Benzene
Concen: 5.362 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion: 78 Resp: 285119

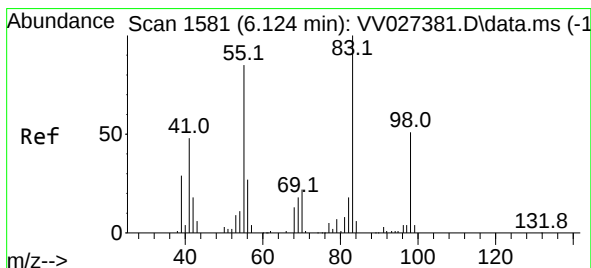
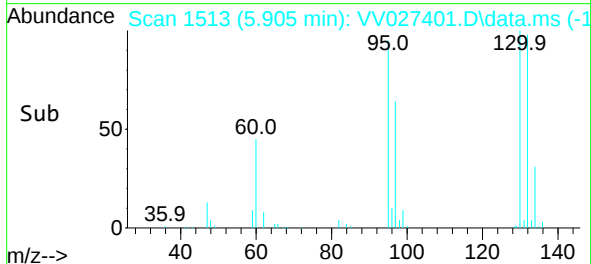
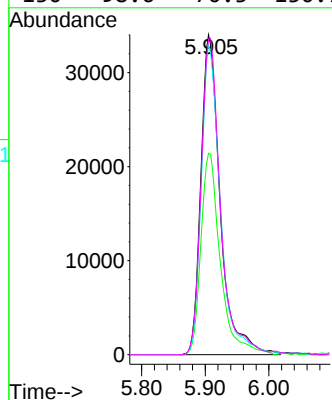
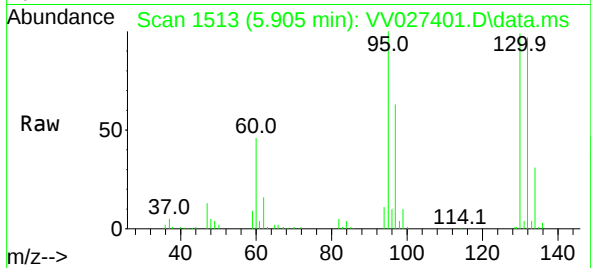




#34
Trichloroethene
Concen: 5.420 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

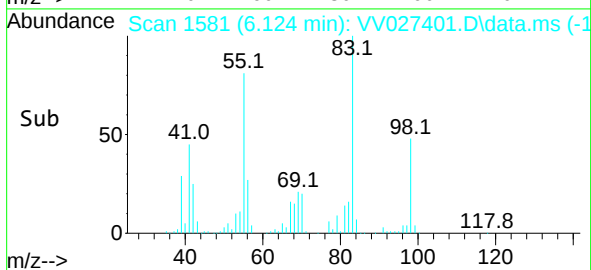
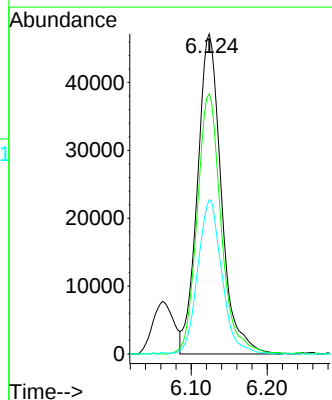
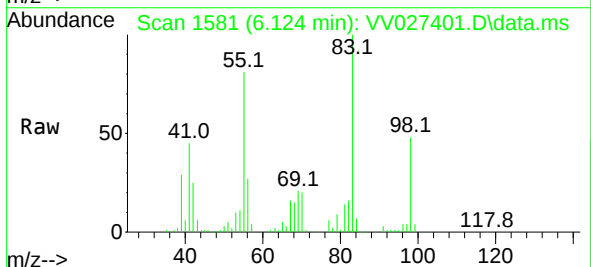
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

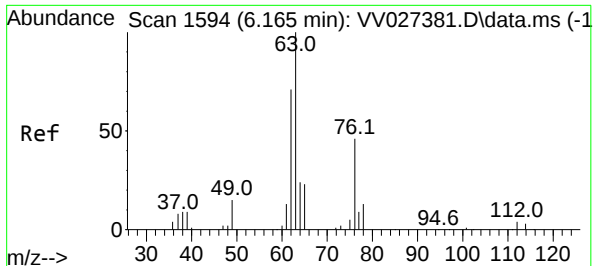
Tgt Ion: 95 Resp: 71736
Ion Ratio Lower Upper
95 100
97 62.9 45.5 84.5
132 96.8 68.2 126.6
130 98.6 70.3 130.7



#35
Methylcyclohexane
Concen: 5.646 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion: 83 Resp: 102880
Ion Ratio Lower Upper
83 100
55 81.5 67.0 100.6
98 48.6 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.726 ug/L

RT: 6.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Instrument :

MSVOA_V

ClientSampleId :

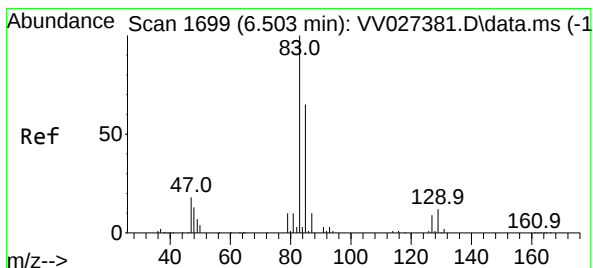
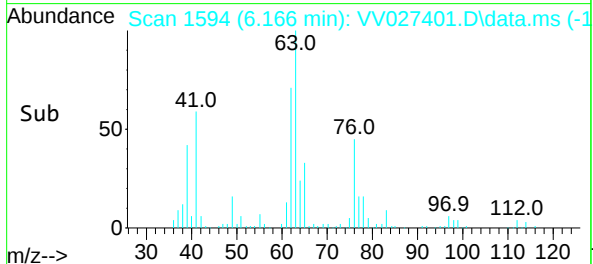
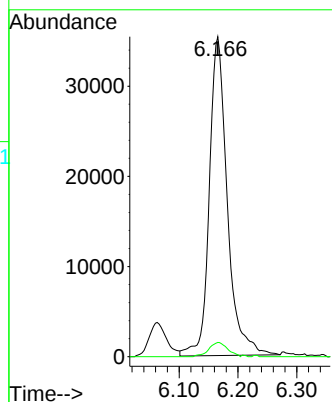
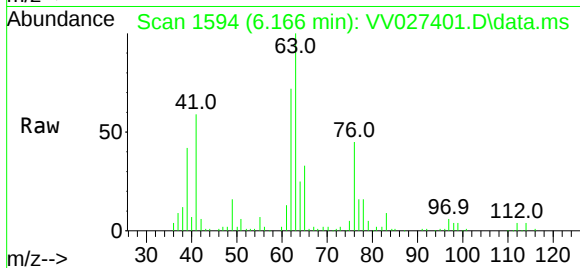
VSTD005373

Tgt Ion: 63 Resp: 75259

Ion Ratio Lower Upper

63 100

112 4.7 4.0 6.0



#38

Bromodichloromethane

Concen: 5.556 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

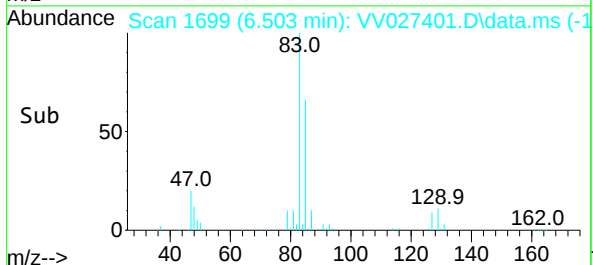
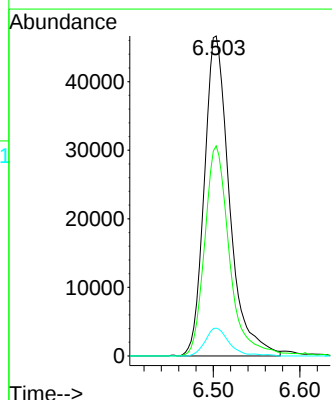
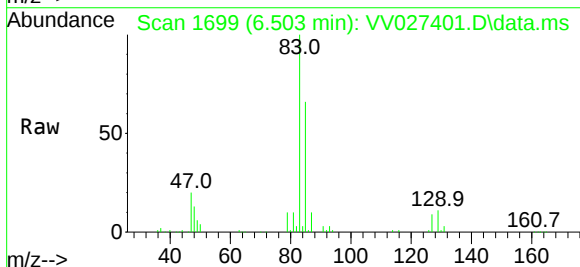
Tgt Ion: 83 Resp: 94109

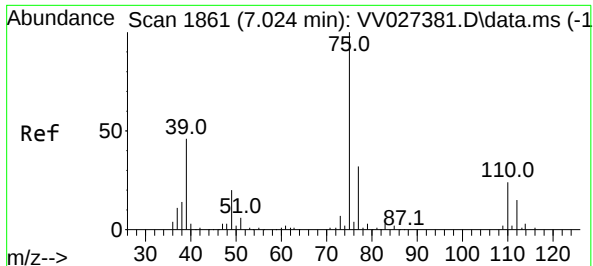
Ion Ratio Lower Upper

83 100

85 65.6 45.4 84.4

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.504 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Instrument :

MSVOA_V

ClientSampleId :

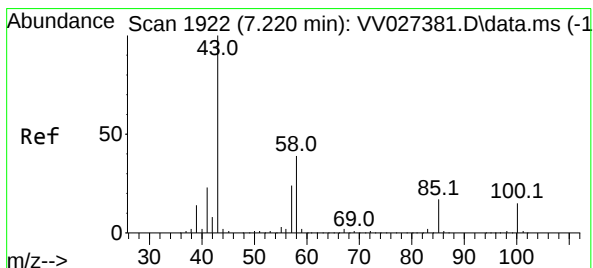
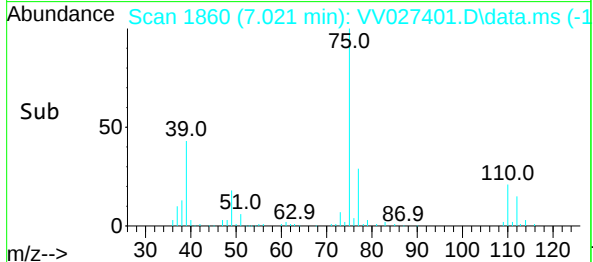
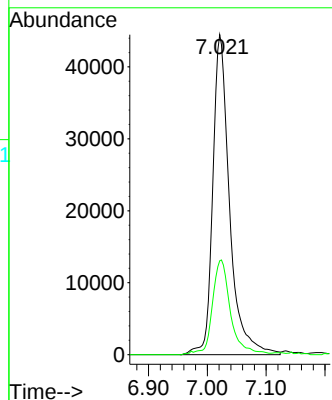
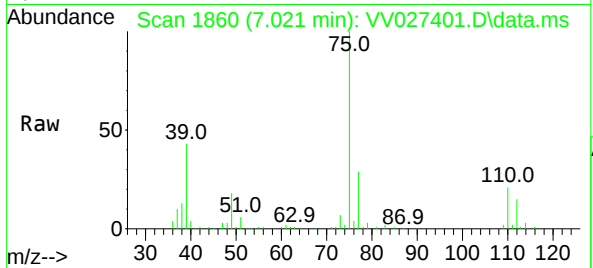
VSTD005373

Tgt Ion: 75 Resp: 88433

Ion Ratio Lower Upper

75 100

77 29.4 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 50.366 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

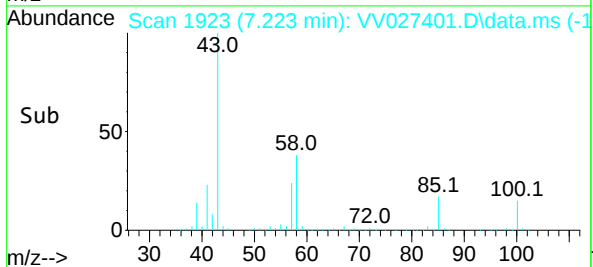
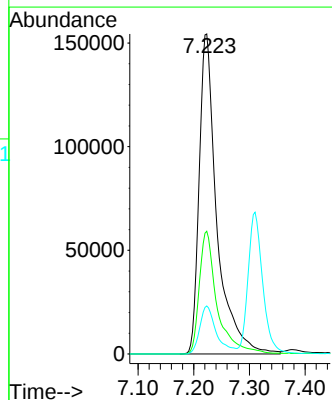
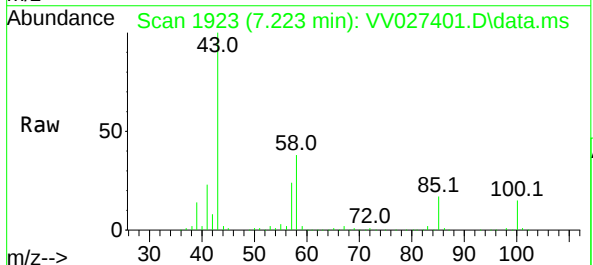
Tgt Ion: 43 Resp: 341644

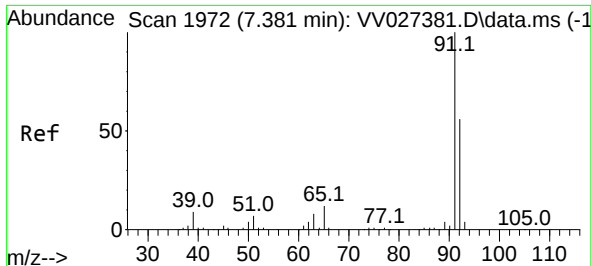
Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.4

100 14.2 10.9 16.3





#42

Toluene

Concen: 5.862 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Instrument :

MSVOA_V

ClientSampleId :

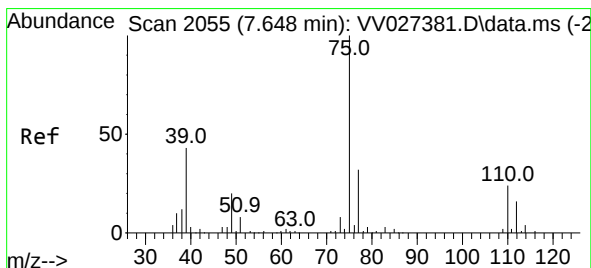
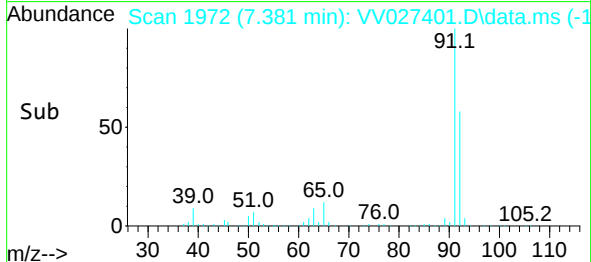
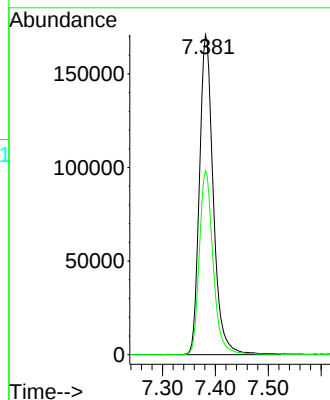
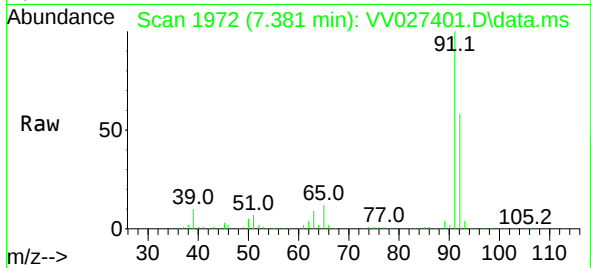
VSTD005373

Tgt Ion: 91 Resp: 311014

Ion Ratio Lower Upper

91 100

92 57.5 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.525 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV027401.D

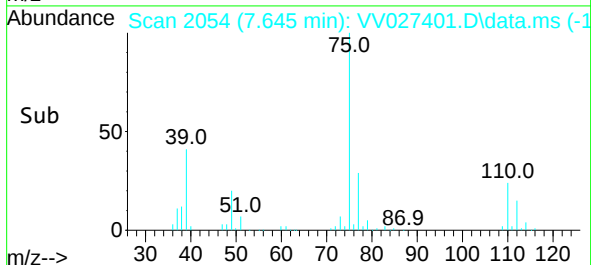
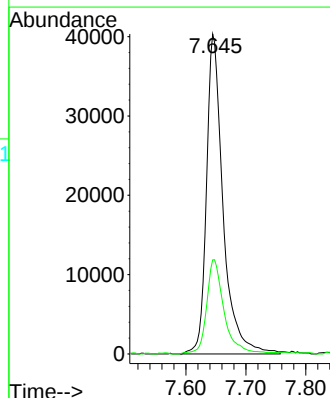
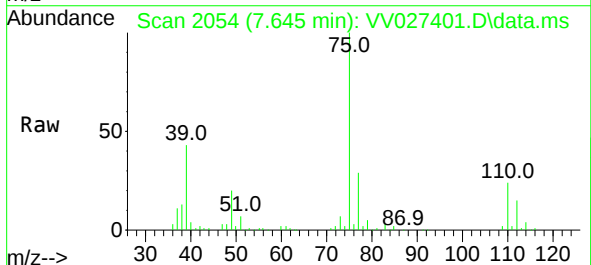
Acq: 16 Aug 2022 09:05

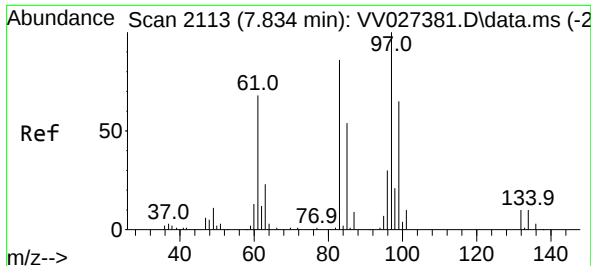
Tgt Ion: 75 Resp: 77654

Ion Ratio Lower Upper

75 100

77 29.4 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 5.076 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

Tgt Ion: 97 Resp: 47567

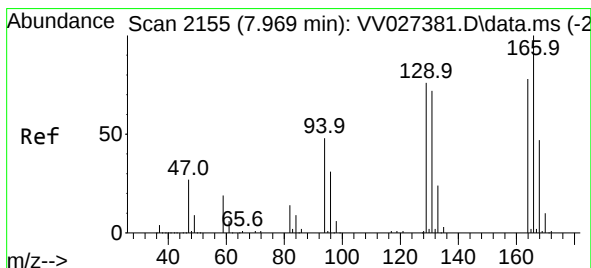
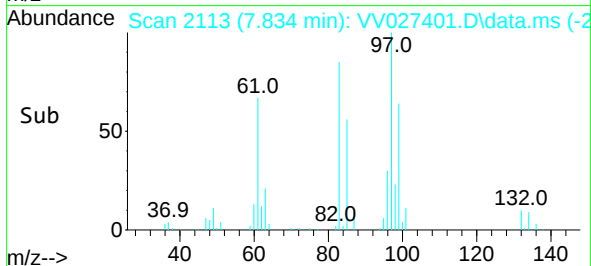
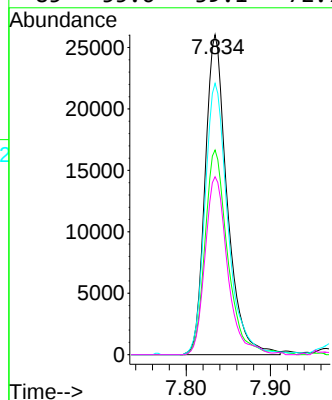
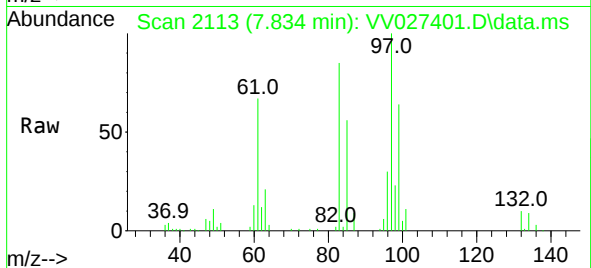
Ion Ratio Lower Upper

97 100

99 63.9 43.7 81.1

83 84.8 59.8 111.0

85 55.6 39.1 72.7



#47

Tetrachloroethene

Concen: 5.677 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Tgt Ion: 164 Resp: 59014

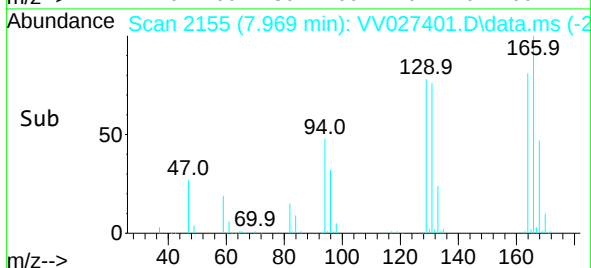
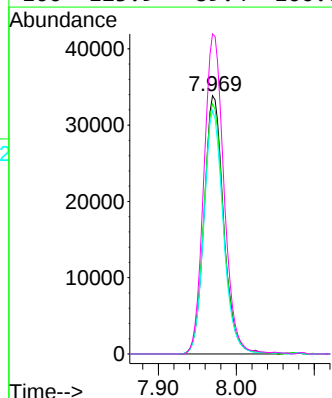
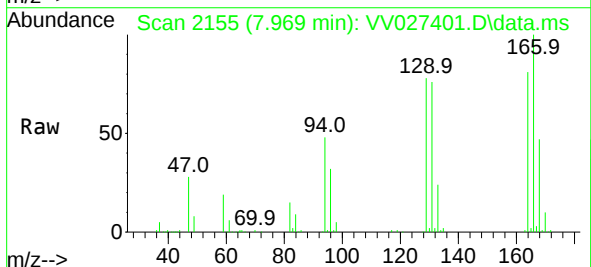
Ion Ratio Lower Upper

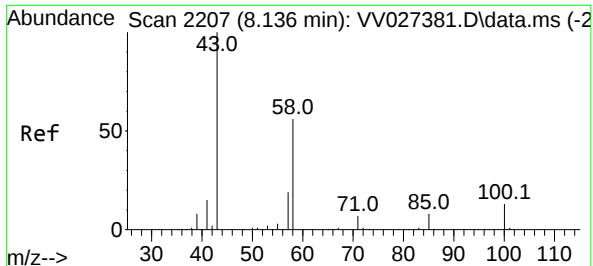
164 100

129 96.9 69.0 128.1

131 94.2 64.7 120.1

166 123.9 89.4 166.0



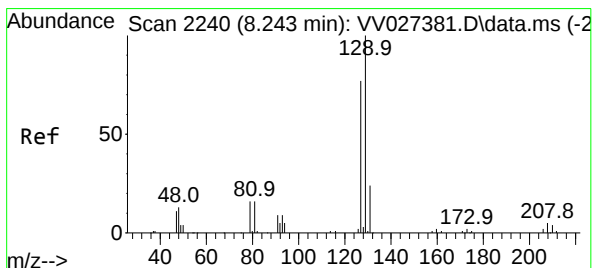
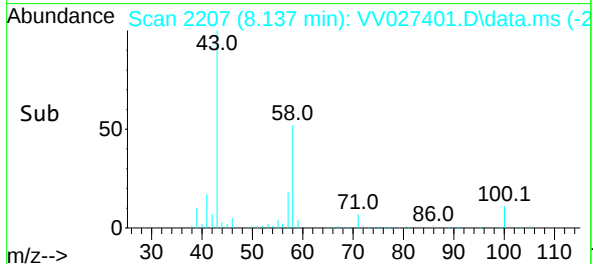
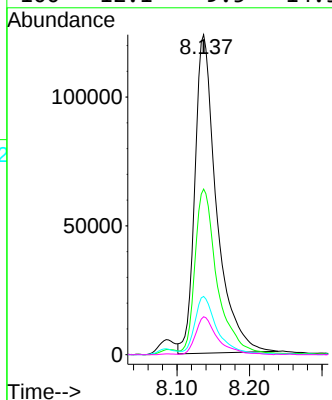
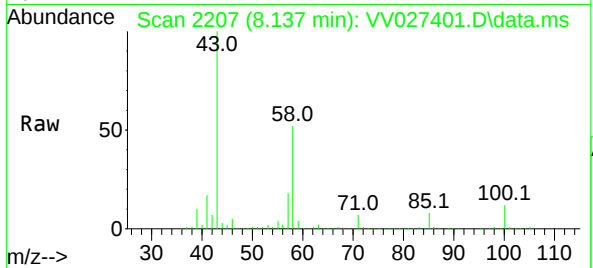


#48
2-Hexanone
Concen: 52.746 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

Tgt Ion: 43 Resp: 256748

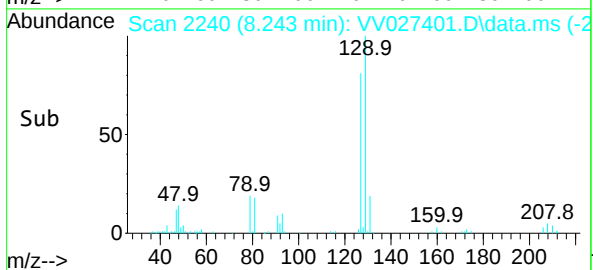
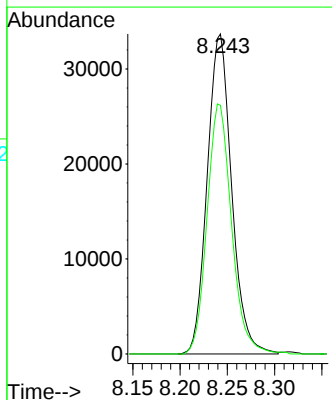
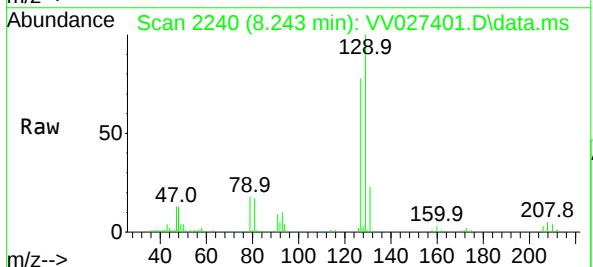
Ion	Ratio	Lower	Upper
43	100		
58	53.0	42.8	64.2
57	18.2	15.2	22.8
100	12.1	9.5	14.3

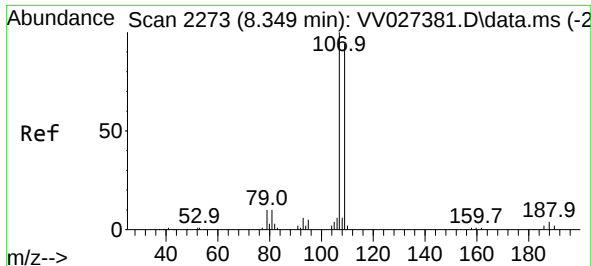


#49
Dibromochloromethane
Concen: 5.519 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion: 129 Resp: 60538

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.5	101.3



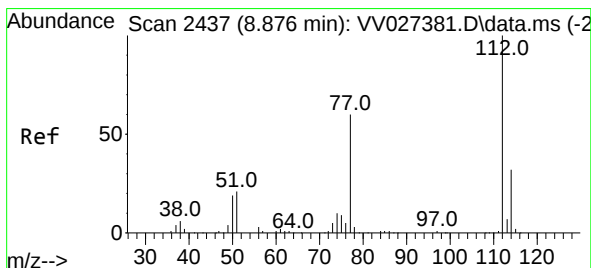
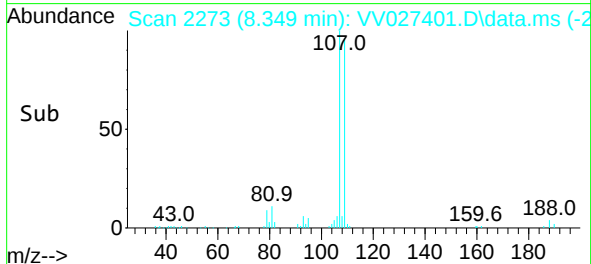
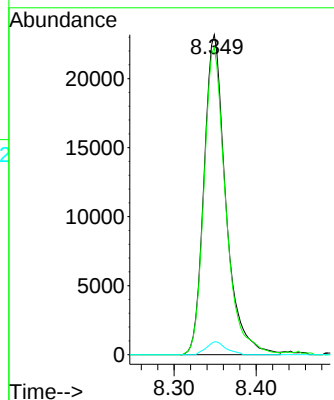
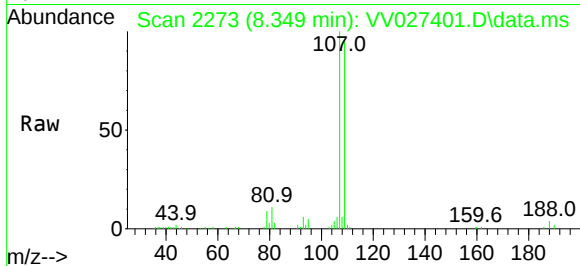


#50
 1,2-Dibromoethane
 Concen: 5.135 ug/L
 RT: 8.349 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

Tgt Ion:107 Resp: 42784

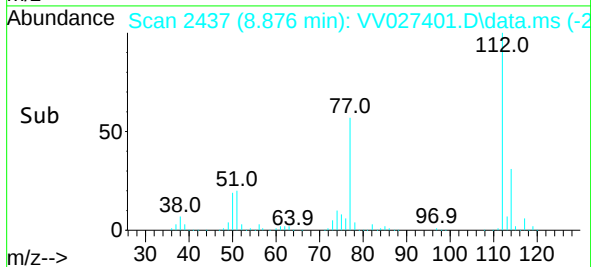
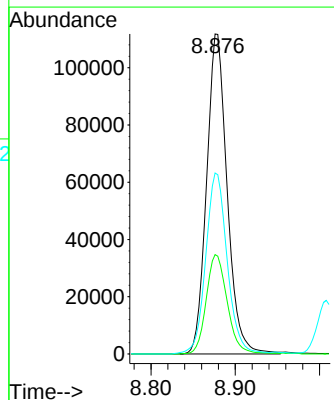
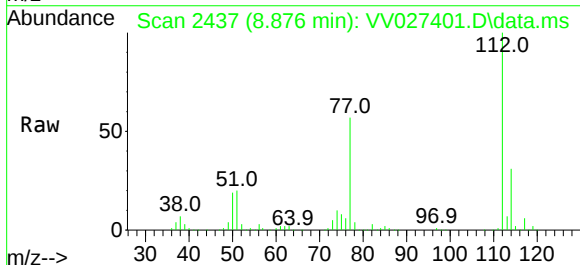
Ion	Ratio	Lower	Upper
107	100		
109	96.0	66.1	122.8
188	4.0	3.4	5.2

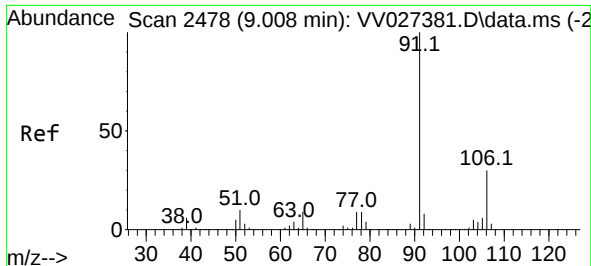


#51
 Chlorobenzene
 Concen: 5.491 ug/L
 RT: 8.876 min Scan# 2437
 Delta R.T. 0.000 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

Tgt Ion:112 Resp: 189758

Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.5	41.9
77	56.6	46.4	69.6

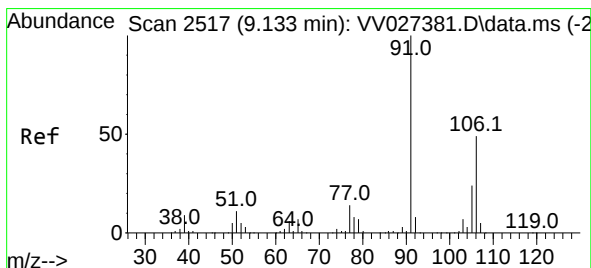
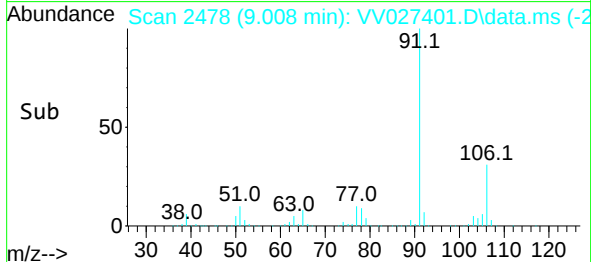
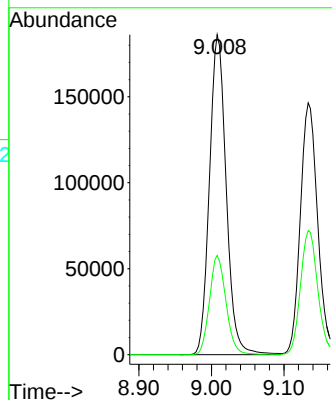
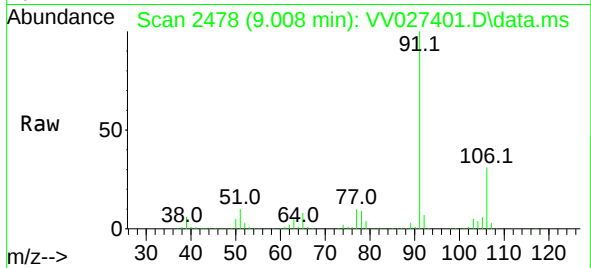




#52
Ethylbenzene
Concen: 5.599 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

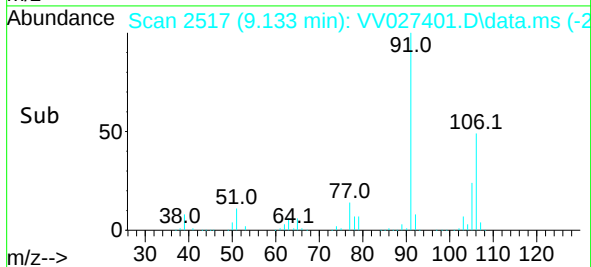
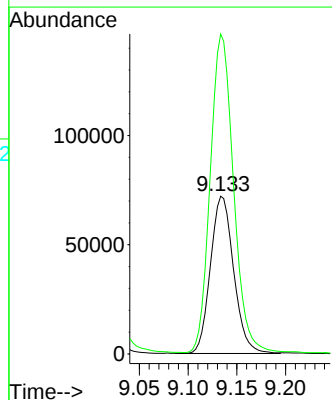
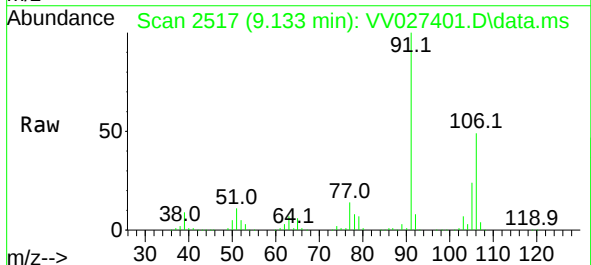
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

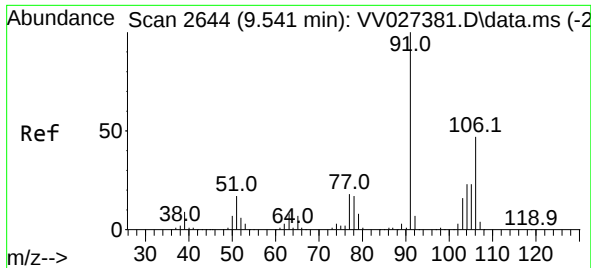
Tgt Ion: 91 Resp: 298447
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 5.866 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion: 106 Resp: 119264
Ion Ratio Lower Upper
106 100
91 202.8 141.5 262.9

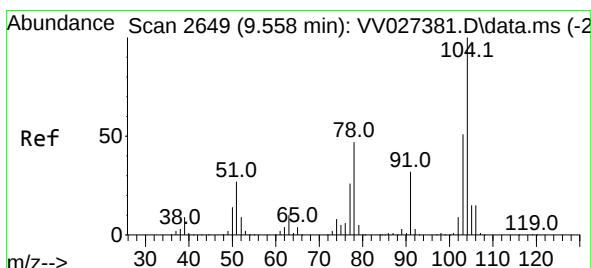
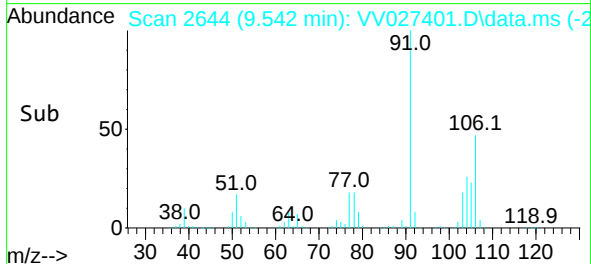
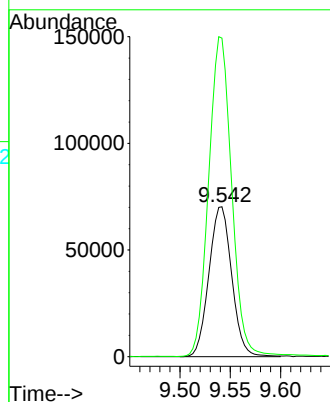
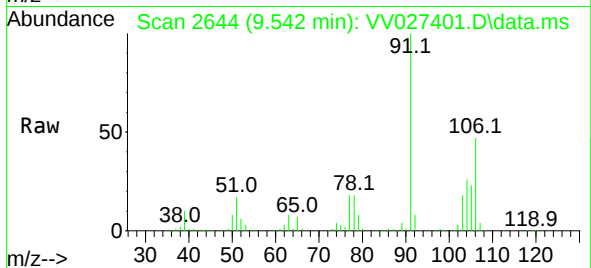




#54
o-Xylene
Concen: 5.572 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

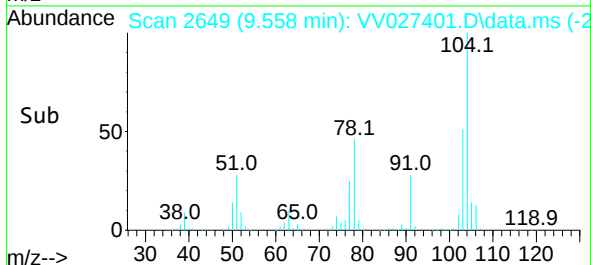
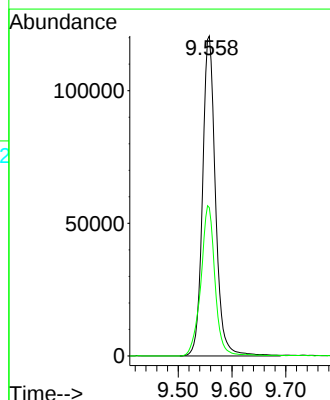
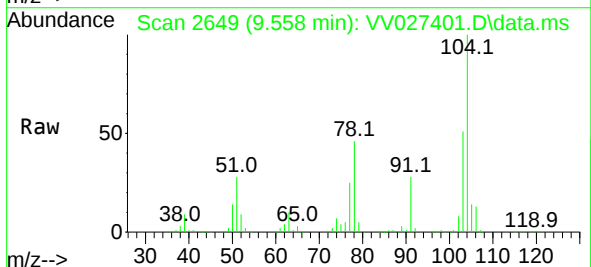
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

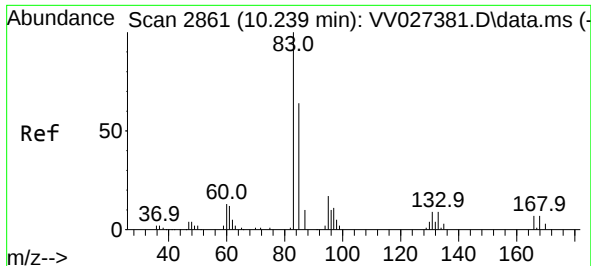
Tgt Ion:106 Resp: 110806
Ion Ratio Lower Upper
106 100
91 212.6 153.2 284.4



#55
Styrene
Concen: 5.902 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion:104 Resp: 201822
Ion Ratio Lower Upper
104 100
78 46.4 30.7 57.1

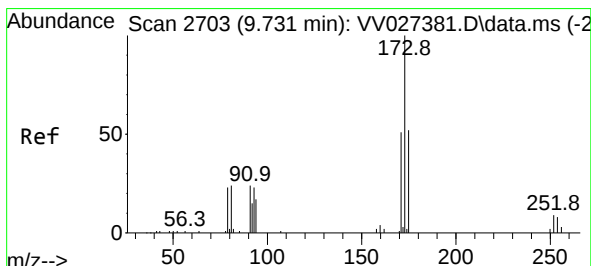
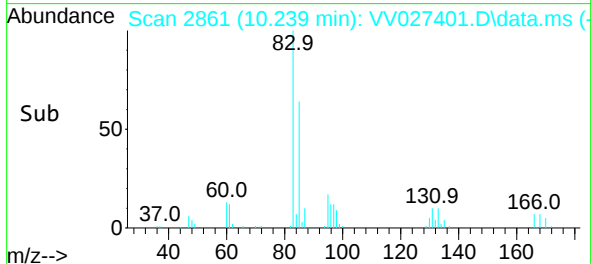
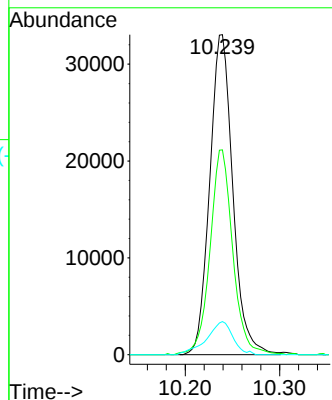
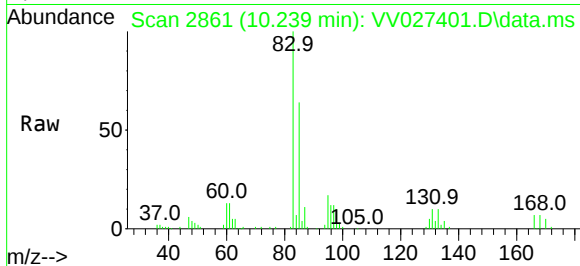




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.367 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

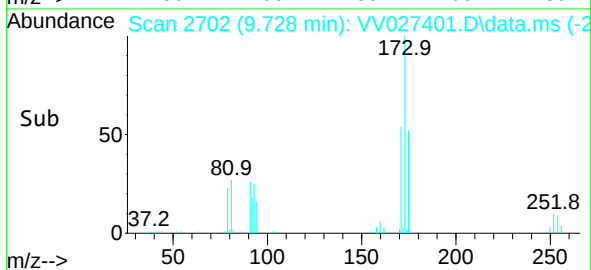
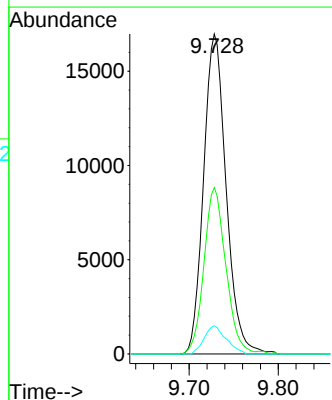
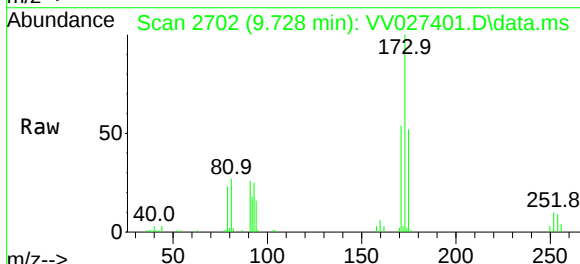
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

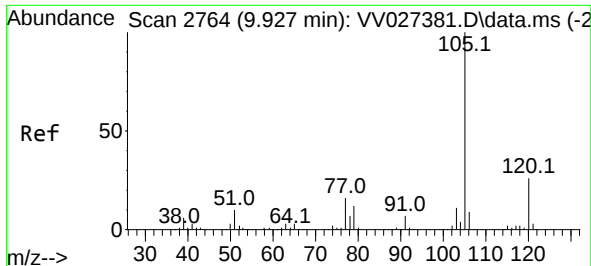
Tgt Ion: 83 Resp: 56063
 Ion Ratio Lower Upper
 83 100
 85 64.0 43.3 80.3
 131 10.4 7.7 11.5



#59
 Bromoform
 Concen: 5.166 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.003 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

Tgt Ion: 173 Resp: 29790
 Ion Ratio Lower Upper
 173 100
 175 50.4 38.2 57.2
 254 8.5 6.5 9.7

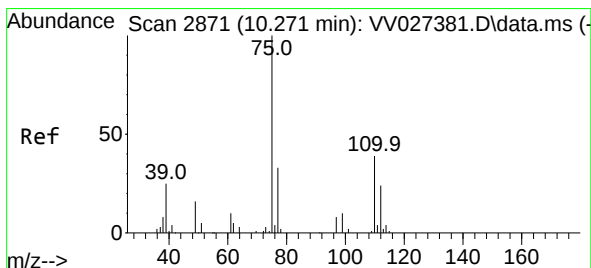
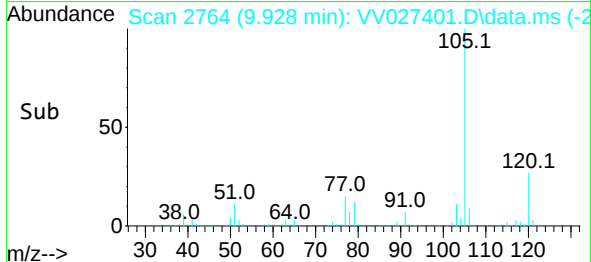
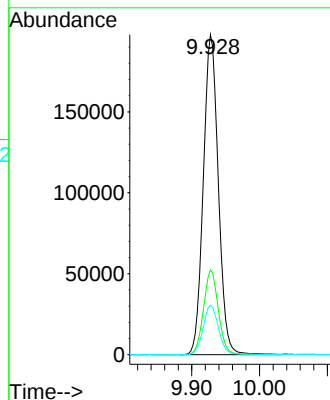
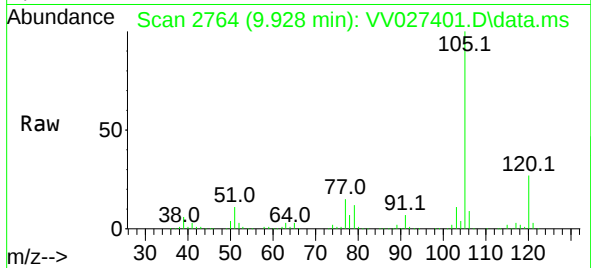




#60
Isopropylbenzene
Concen: 5.641 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

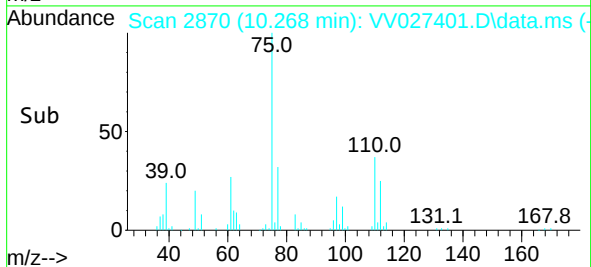
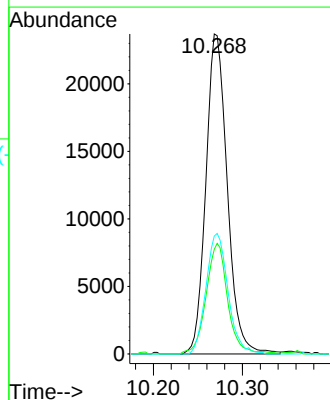
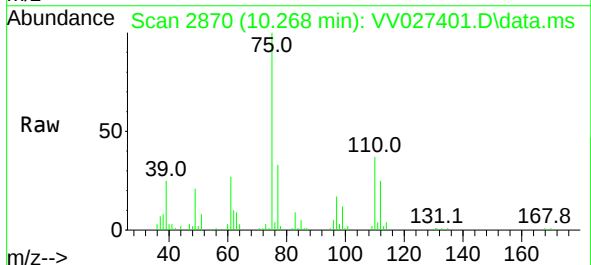
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

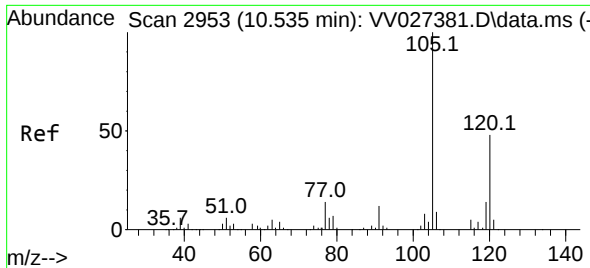
Tgt Ion:105 Resp: 303812
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 15.9 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.800 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion: 75 Resp: 39527
Ion Ratio Lower Upper
75 100
77 34.4 26.6 39.8
110 38.6 31.0 46.6

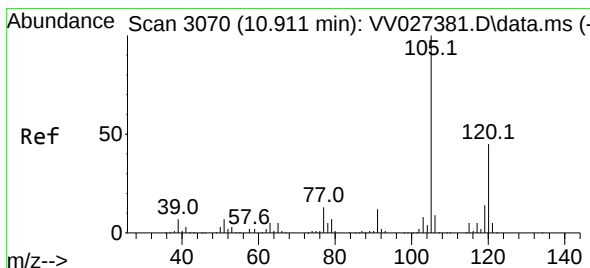
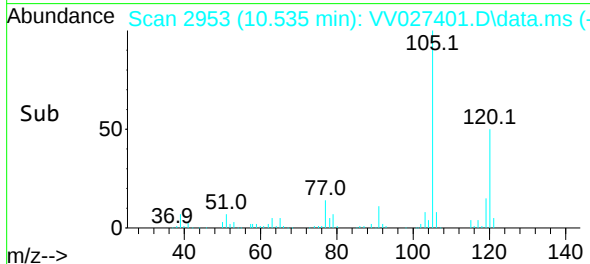
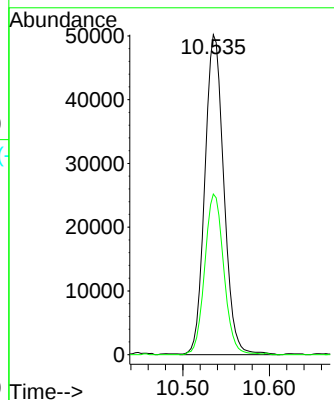
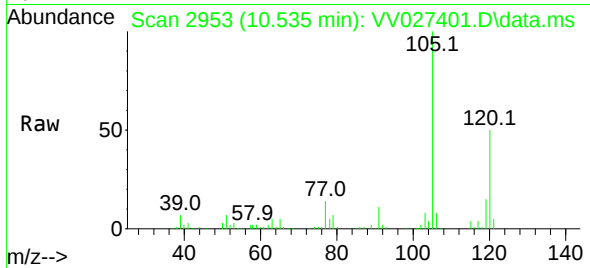




#62
 1,3,5-Trimethylbenzene
 Concen: 5.136 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

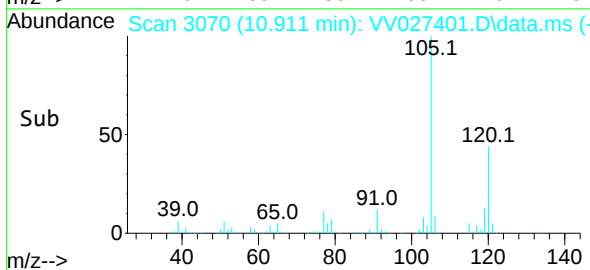
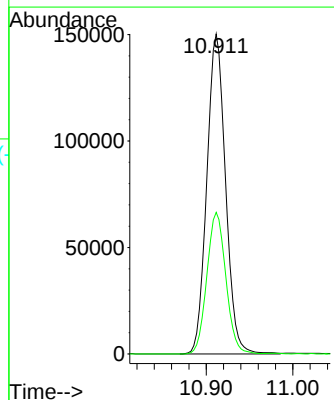
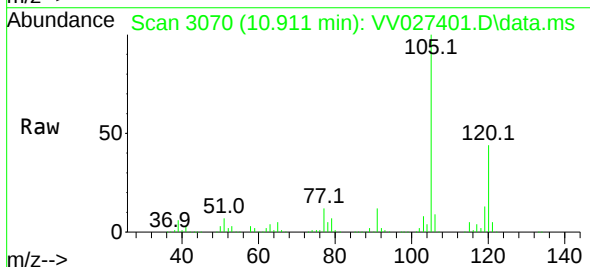
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

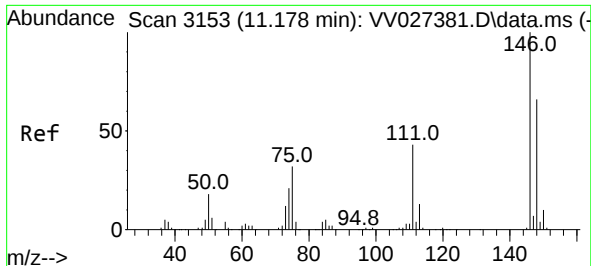
Tgt Ion:105 Resp: 76454
 Ion Ratio Lower Upper
 105 100
 120 50.3 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.291 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

Tgt Ion:105 Resp: 225772
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.2 54.2

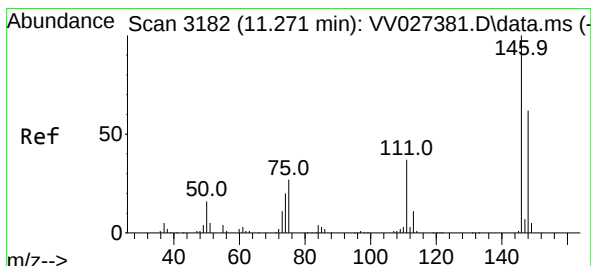
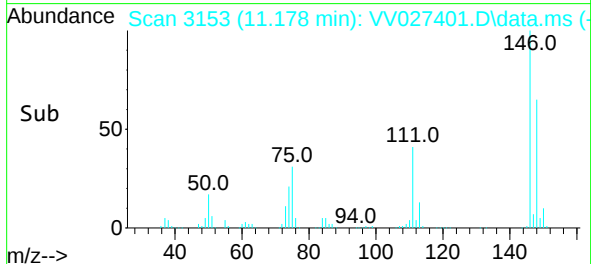
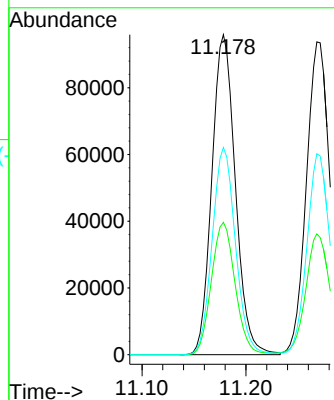
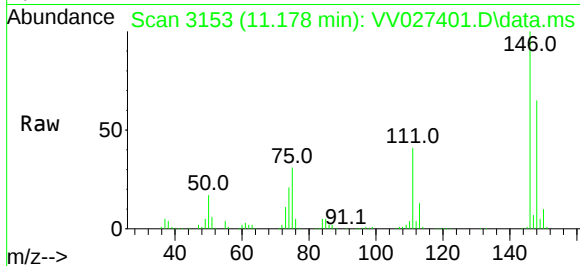




#64
1,3-Dichlorobenzene
Concen: 5.595 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

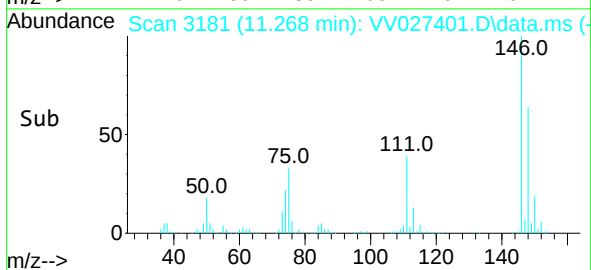
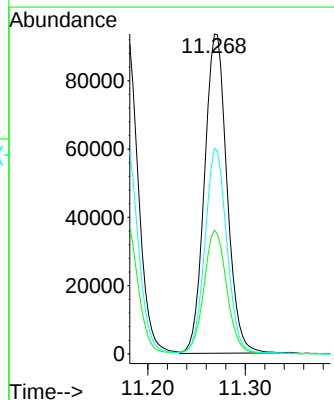
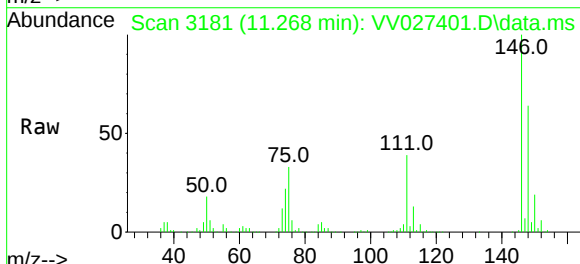
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

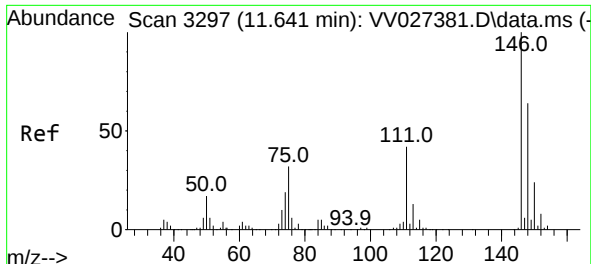
Tgt Ion:146 Resp: 150585
Ion Ratio Lower Upper
146 100
111 41.3 28.8 53.4
148 64.7 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.538 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion:146 Resp: 149975
Ion Ratio Lower Upper
146 100
111 38.6 27.4 51.0
148 64.3 43.3 80.5

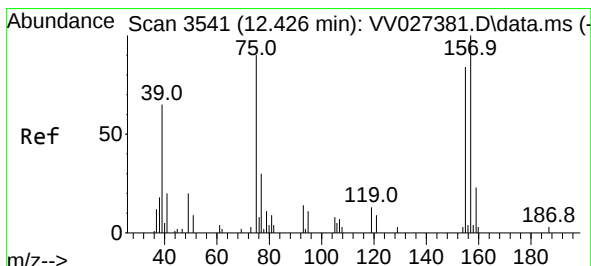
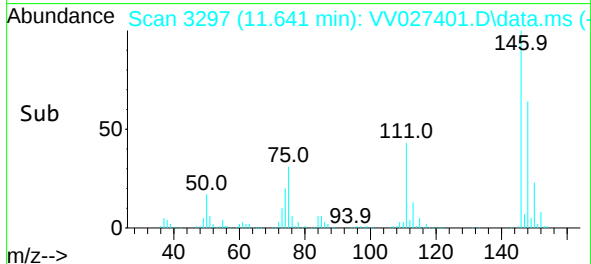
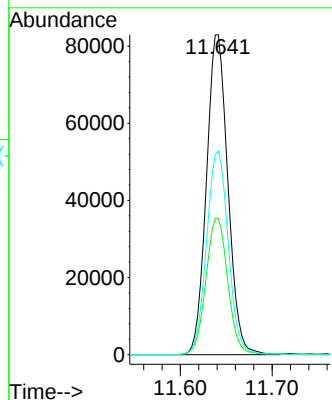
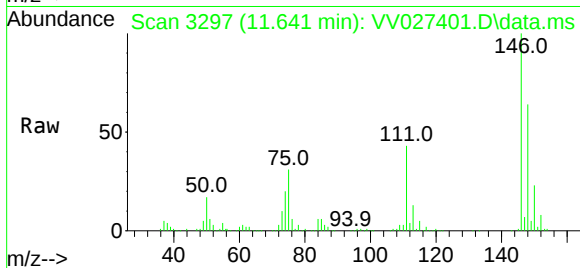




#67
1,2-Dichlorobenzene
Concen: 5.378 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

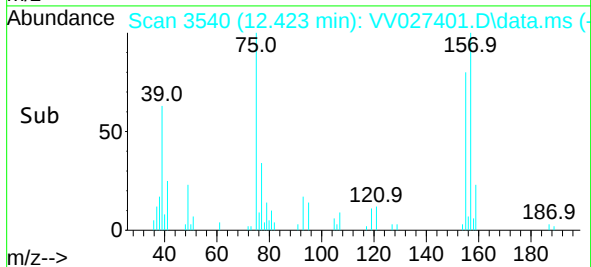
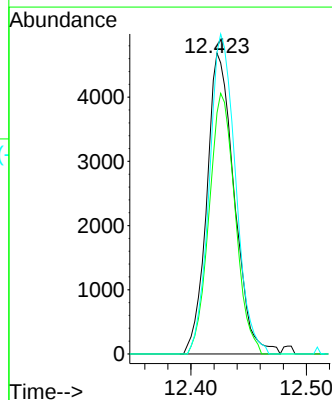
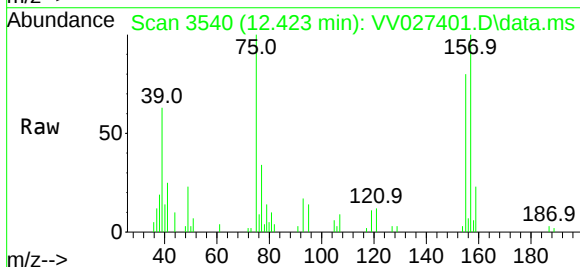
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

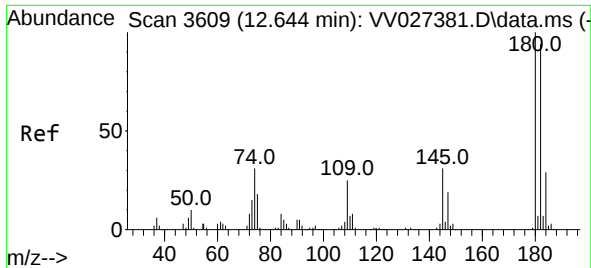
Tgt Ion:146 Resp: 134776
Ion Ratio Lower Upper
146 100
111 42.6 33.2 49.8
148 63.6 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.511 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VV027401.D
Acq: 16 Aug 2022 09:05

Tgt Ion: 75 Resp: 7761
Ion Ratio Lower Upper
75 100
155 80.1 65.8 98.6
157 100.1 73.0 109.4

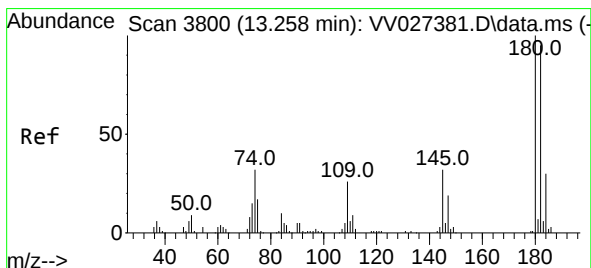
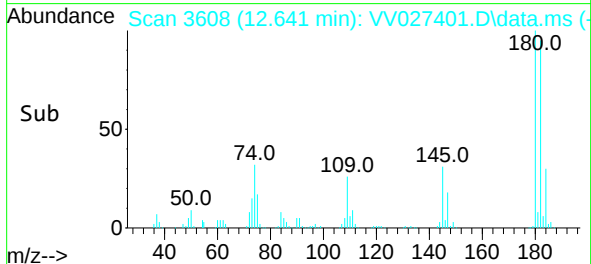
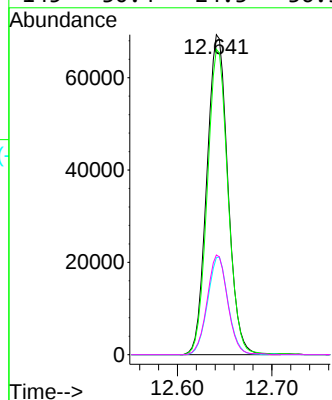
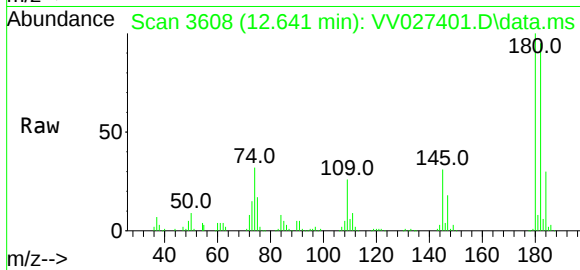




#69
 1,3,5-Trichlorobenzene
 Concen: 5.519 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

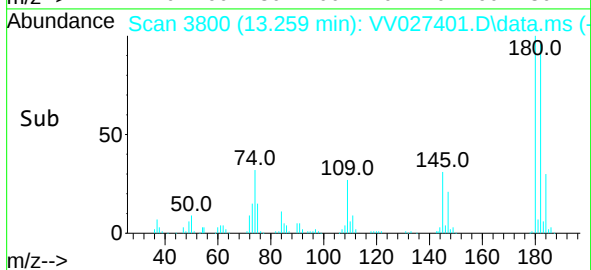
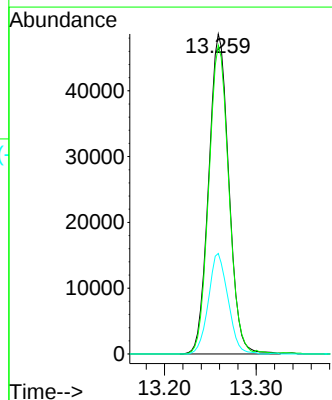
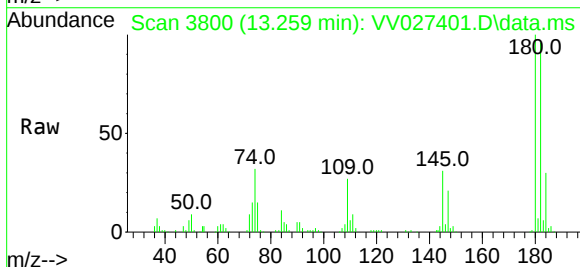
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

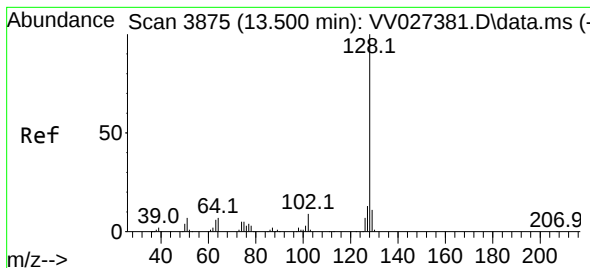
Tgt Ion:180 Resp: 107112
 Ion Ratio Lower Upper
 180 100
 182 93.7 74.7 112.1
 184 29.7 23.3 34.9
 145 30.4 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 5.122 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027401.D
 Acq: 16 Aug 2022 09:05

Tgt Ion:180 Resp: 74281
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.4 116.0
 145 30.5 24.9 37.3





#71

Naphthalene

Concen: 4.143 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

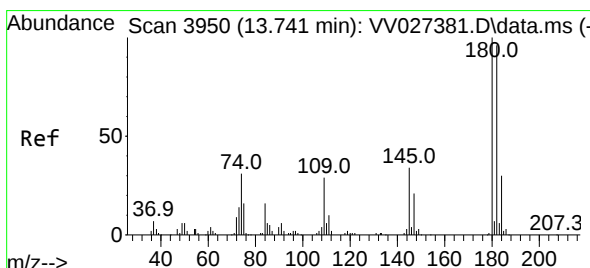
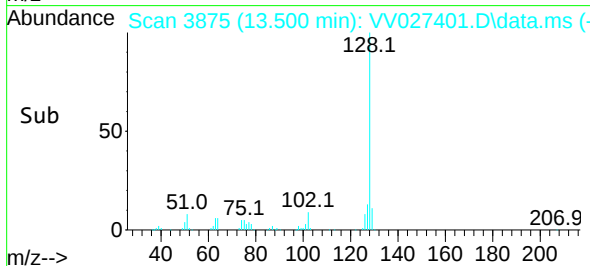
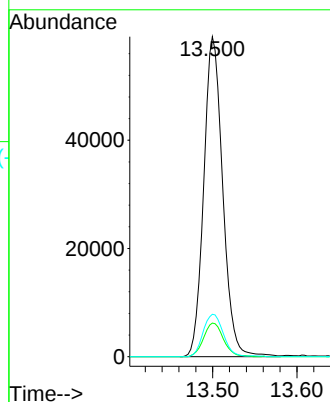
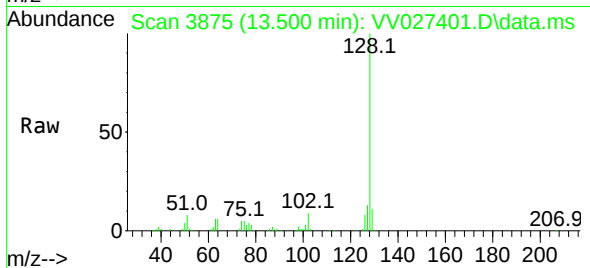
Tgt Ion:128 Resp: 92834

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 14.0 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 5.009 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027401.D

Acq: 16 Aug 2022 09:05

Tgt Ion:180 Resp: 67717

Ion Ratio Lower Upper

180 100

182 93.5 73.8 110.6

145 32.6 27.0 40.4

