

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026318.D
 Acq On : 16 Jun 2022 07:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

Quant Time: Jun 16 08:57:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:34:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	209660	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	201367	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	100427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	89856	4.934	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.580	69	72835	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.124	63	160732	5.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	3.924	46	94608	53.243	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.480%
24) Chloroform-d	4.362	84	147627	5.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	5.043	65	56035	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.059	84	291255	5.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
36) 1,2-Dichloropropane-d6	6.075	67	82935	5.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.317	98	275710	5.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
43) trans-1,3-Dichloroprop...	7.628	79	23424	4.598	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.095	63	77107	50.100	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49963	5.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	80687	5.216	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	83322	5.315	ug/L	98
3) Chloromethane	1.256	50	87011	4.999	ug/L	99
5) Vinyl chloride	1.326	62	92876	5.132	ug/L	97
6) Bromomethane	1.535	94	49915	4.935	ug/L	97
8) Chloroethane	1.600	64	58748	5.229	ug/L	97
9) Trichlorofluoromethane	1.767	101	132527	5.305	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	75698	5.225	ug/L	98
12) 1,1-Dichloroethene	2.133	96	71966	5.433	ug/L	98
13) Acetone	2.223	43	61445	44.621	ug/L	94
14) Carbon disulfide	2.307	76	174905	5.355	ug/L	99
15) Methyl Acetate	2.458	43	15868	4.803	ug/L	96
16) Methylene chloride	2.519	84	74732	4.422	ug/L	98
17) Methyl tert-butyl Ether	2.786	73	120423	5.287	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	68727	5.350	ug/L	97
19) 1,1-Dichloroethane	3.204	63	133201	5.437	ug/L	97
21) 2-Butanone	4.008	43	99413	55.793	ug/L	99
22) cis-1,2-Dichloroethene	3.928	96	70171	5.399	ug/L	99
23) Bromochloromethane	4.262	128	30428	5.517	ug/L	96
25) Chloroform	4.387	83	138671	5.218	ug/L	98

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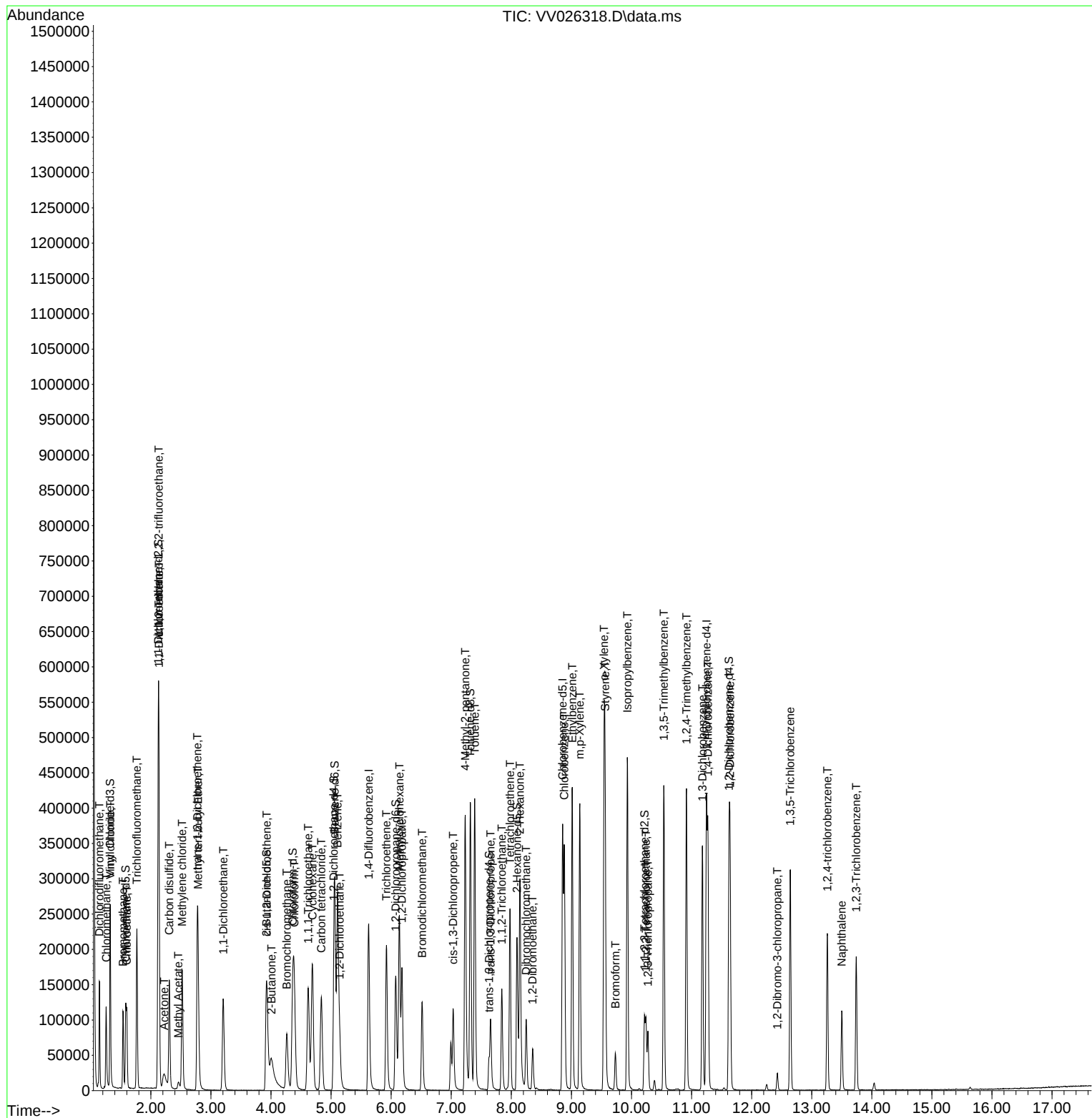
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	63053	5.213	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	119993	5.393	ug/L	99
30) Cyclohexane	4.690	56	88430	5.314	ug/L	99
31) Carbon tetrachloride	4.838	117	100599	5.338	ug/L	98
33) Benzene	5.108	78	292119	5.658	ug/L	100
34) Trichloroethene	5.921	95	72264	5.127	ug/L	99
35) Methylcyclohexane	6.137	83	97090	4.980	ug/L	99
37) 1,2-Dichloropropane	6.178	63	71661	5.307	ug/L #	97
38) Bromodichloromethane	6.516	83	87347	5.333	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	74801	4.854	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	268986	54.178	ug/L	99
42) Toluene	7.390	91	311772	5.742	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	61325	4.983	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	46466	5.243	ug/L	93
47) Tetrachloroethene	7.979	164	57360	5.494	ug/L	98
48) 2-Hexanone	8.143	43	191364	53.797	ug/L	99
49) Dibromochloromethane	8.246	129	51347	5.231	ug/L	97
50) 1,2-Dibromoethane	8.355	107	40879	5.413	ug/L	95
51) Chlorobenzene	8.882	112	190648	5.377	ug/L	100
52) Ethylbenzene	9.014	91	298217	5.479	ug/L	98
53) m,p-Xylene	9.140	106	119958	5.654	ug/L	95
54) o-Xylene	9.545	106	113839	5.538	ug/L	99
55) Styrene	9.561	104	197842	5.732	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	48757	5.423	ug/L	95
59) Bromoform	9.731	173	23542	5.339	ug/L	98
60) Isopropylbenzene	9.931	105	301092	5.624	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	34532	5.299	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	228657	5.382	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	231355	5.502	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	146501	5.569	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	143096	5.352	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	124731	5.353	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5836	5.056	ug/L #	90
69) 1,3,5-Trichlorobenzene	12.644	180	96211	5.058	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	67728	4.828	ug/L	99
71) Naphthalene	13.500	128	89307	4.585	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57826	4.923	ug/L	95

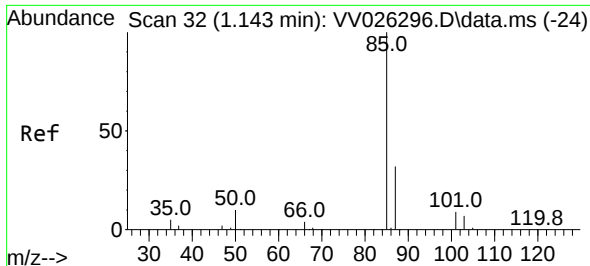
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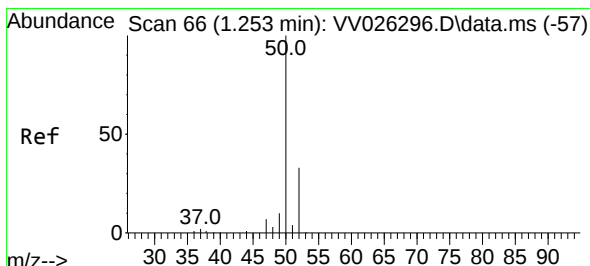
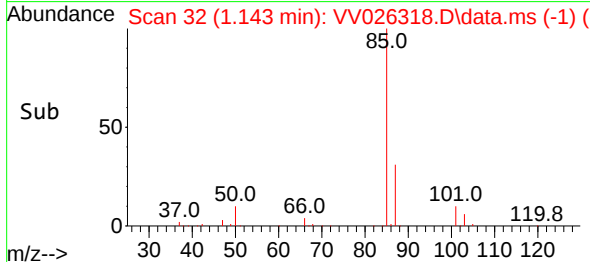
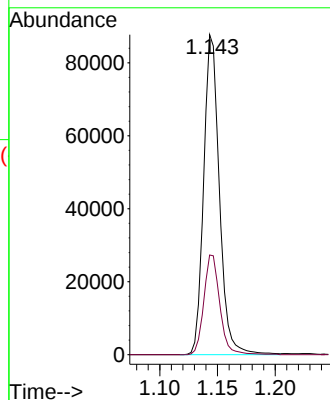
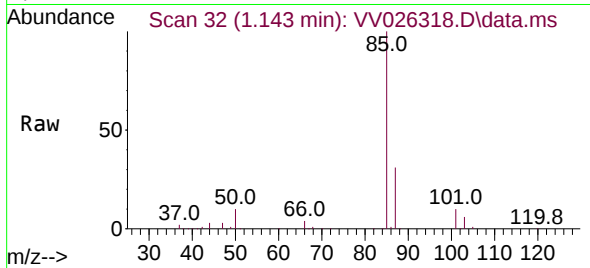




#2
 Dichlorodifluoromethane
 Concen: 5.315 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026318.D
 Acq: 16 Jun 2022 07:41

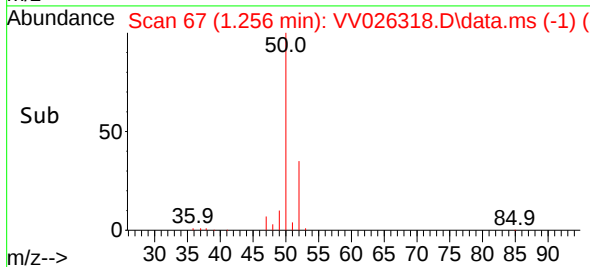
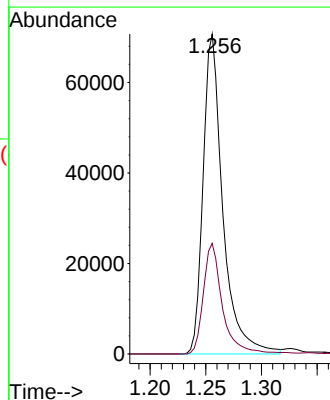
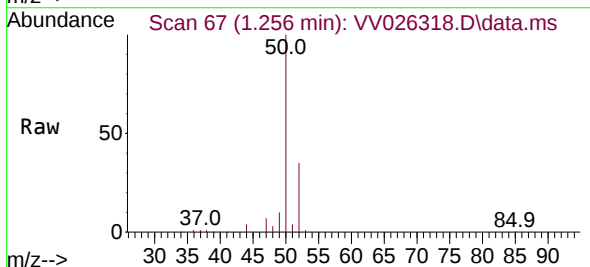
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

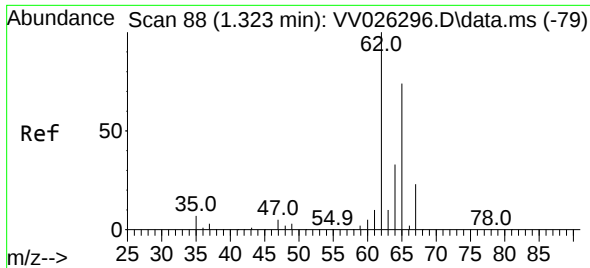
Tgt Ion: 85 Resp: 83322
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.0 39.0



#3
 Chloromethane
 Concen: 4.999 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026318.D
 Acq: 16 Jun 2022 07:41

Tgt Ion: 50 Resp: 87011
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.7 44.1

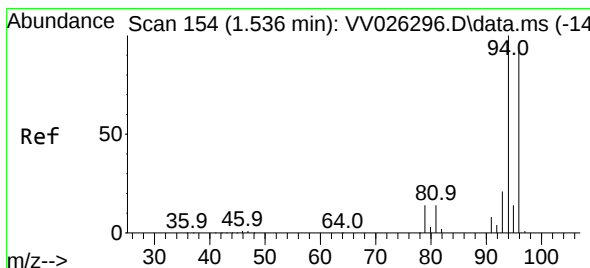
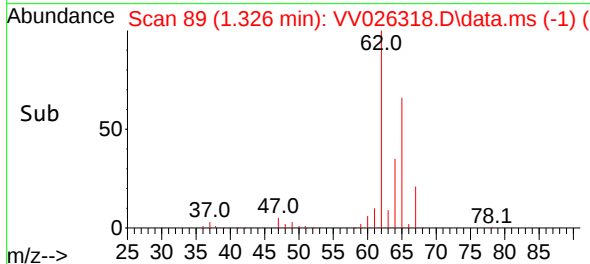
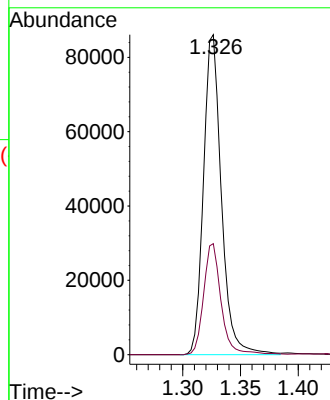
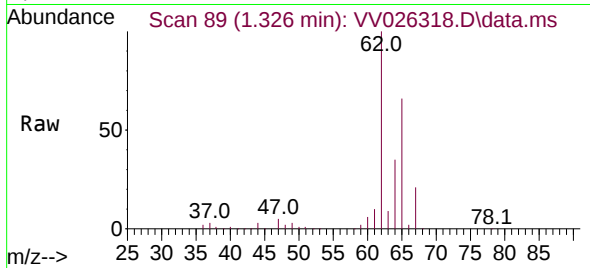




#5
 Vinyl chloride
 Concen: 5.132 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV026318.D
 Acq: 16 Jun 2022 07:41

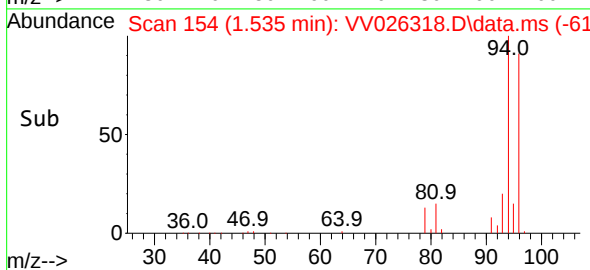
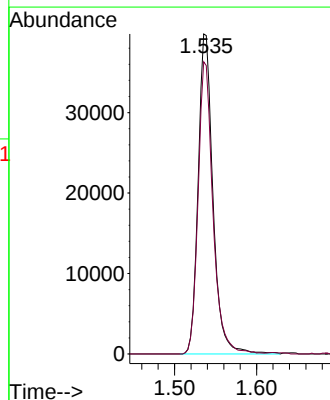
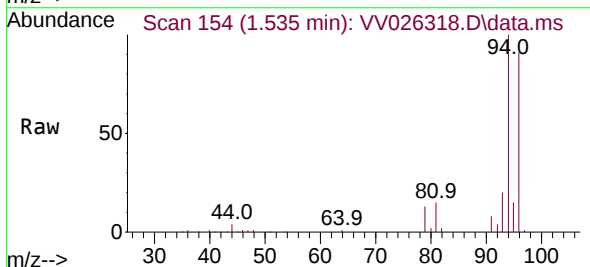
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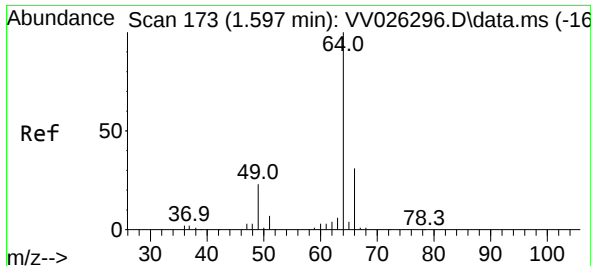
Tgt Ion: 62 Resp: 92876
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.2 43.2



#6
 Bromomethane
 Concen: 4.935 ug/L
 RT: 1.535 min Scan# 154
 Delta R.T. -0.000 min
 Lab File: VV026318.D
 Acq: 16 Jun 2022 07:41

Tgt Ion: 94 Resp: 49915
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.7 121.9

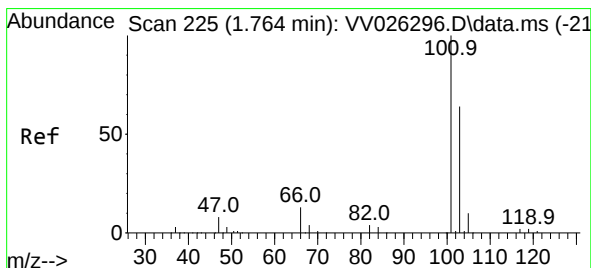
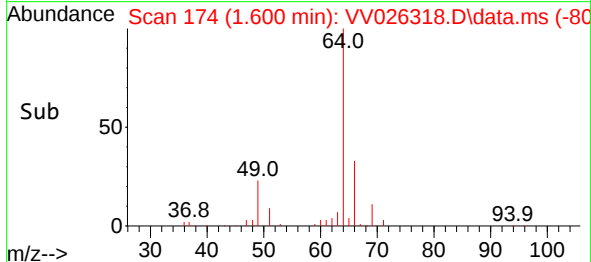
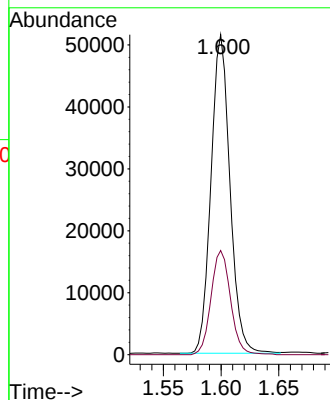
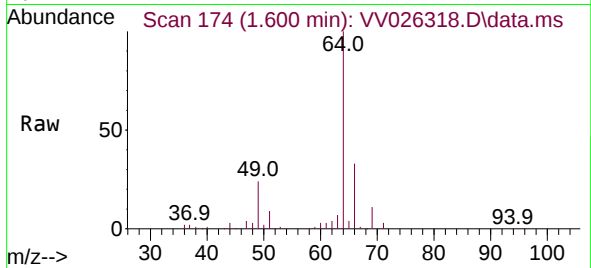




#8
Chloroethane
Concen: 5.229 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

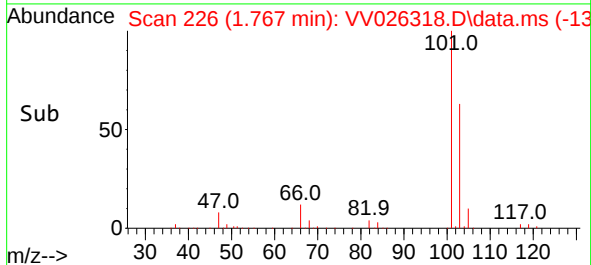
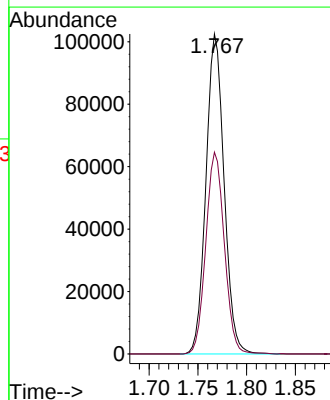
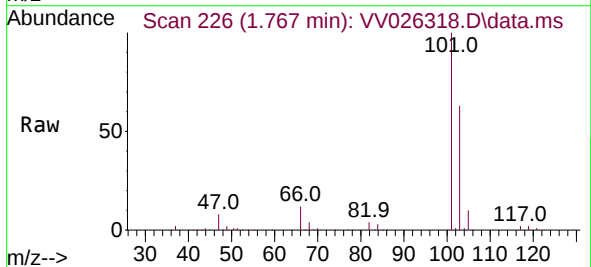
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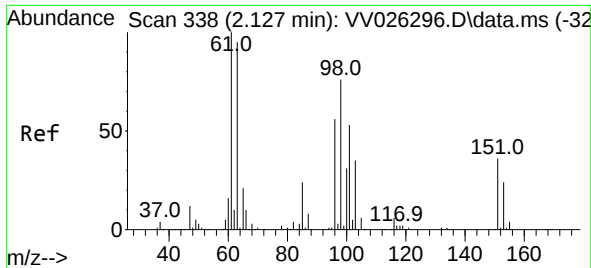
Tgt Ion: 64 Resp: 58748
Ion Ratio Lower Upper
64 100
66 32.5 24.1 44.7



#9
Trichlorofluoromethane
Concen: 5.305 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.003 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

Tgt Ion:101 Resp: 132527
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

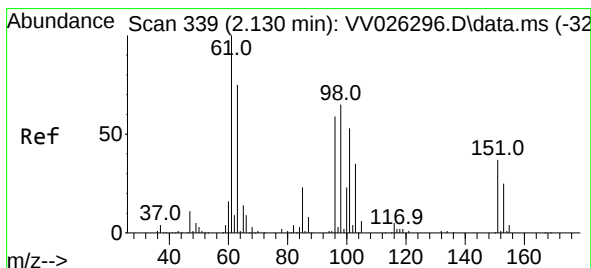
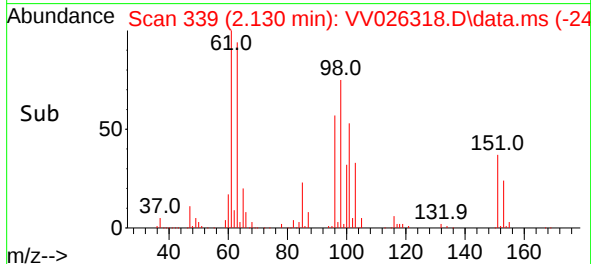
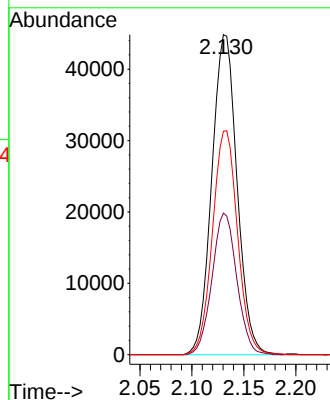
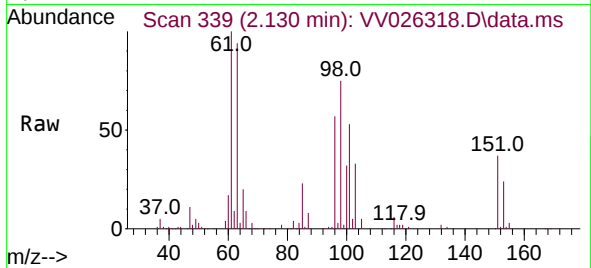




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.225 ug/L
RT: 2.130 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026318.D
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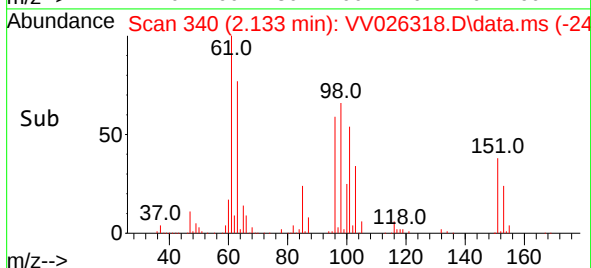
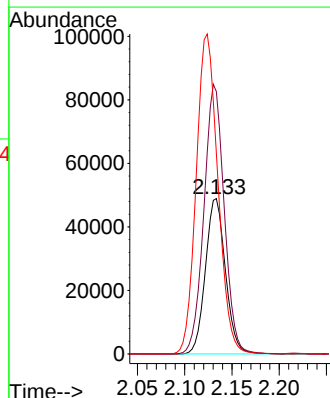
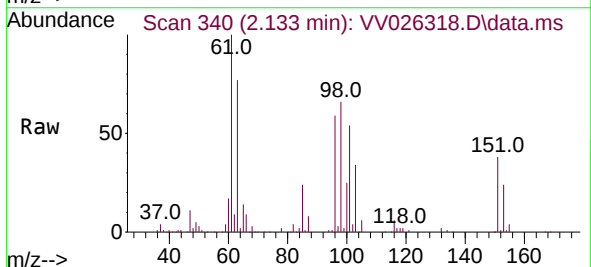
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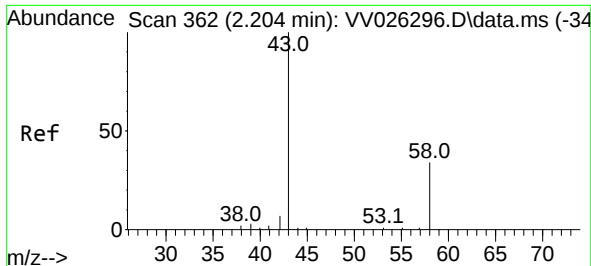
Tgt Ion:101 Resp: 75698
Ion Ratio Lower Upper
101 100
85 43.3 35.3 52.9
151 69.6 56.8 85.2



#12
1,1-Dichloroethene
Concen: 5.433 ug/L
RT: 2.133 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

Tgt Ion: 96 Resp: 71966
Ion Ratio Lower Upper
96 100
61 168.8 117.1 217.5
63 129.2 92.8 172.4





#13

Acetone

Concen: 44.621 ug/L

RT: 2.223 min Scan# 3

Delta R.T. 0.019 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

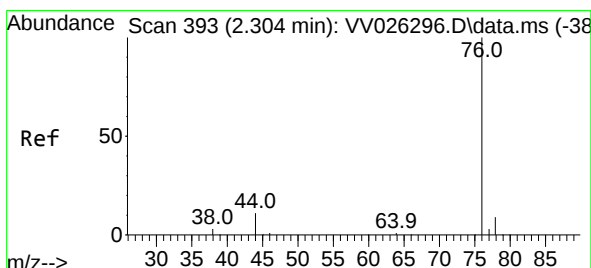
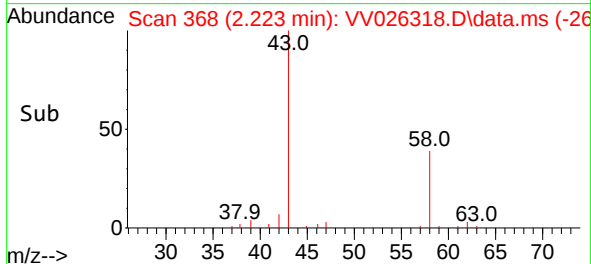
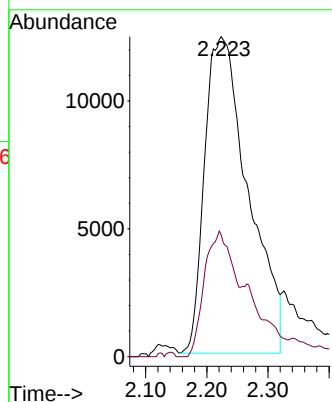
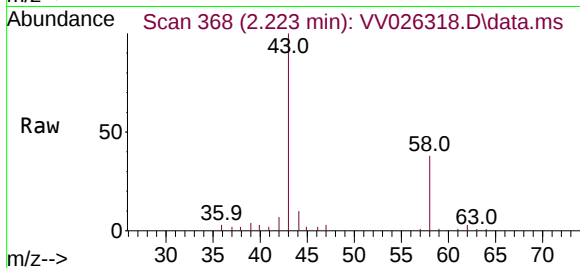
VSTD005318

Tgt Ion: 43 Resp: 61445

Ion Ratio Lower Upper

43 100

58 26.7 0.0 60.0



#14

Carbon disulfide

Concen: 5.355 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.003 min

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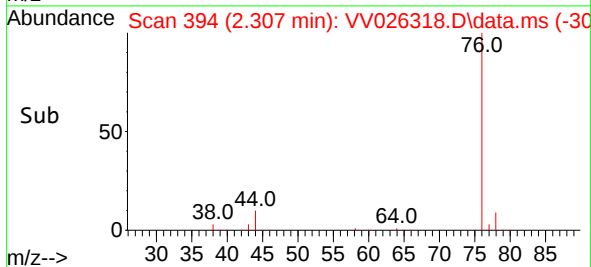
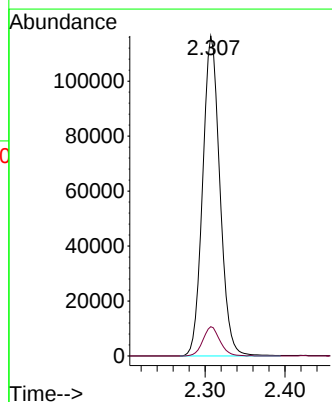
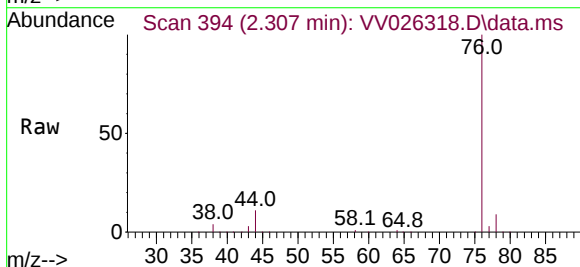
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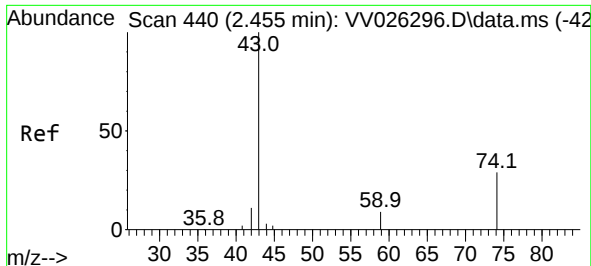
Tgt Ion: 76 Resp: 174905

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

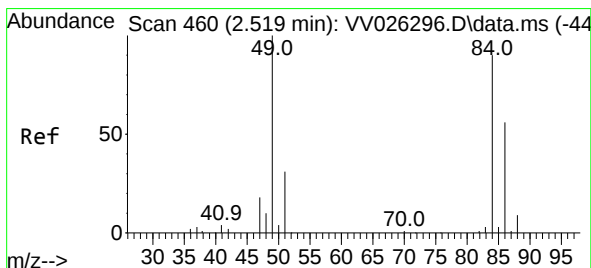
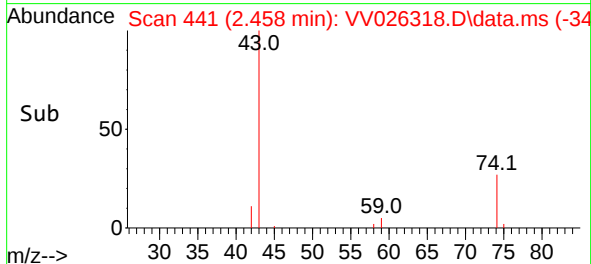
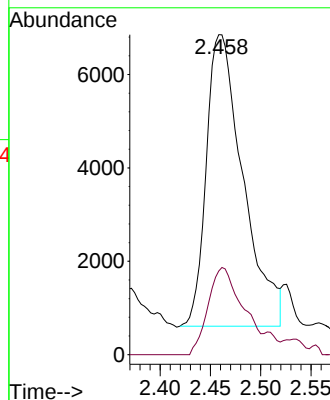
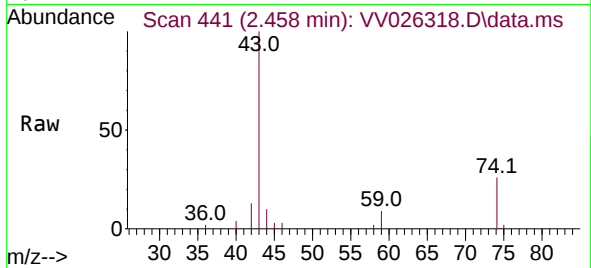




#15
Methyl Acetate
Concen: 4.803 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

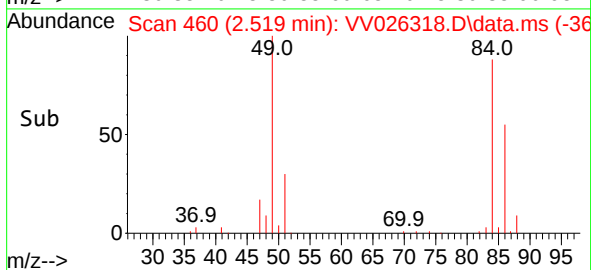
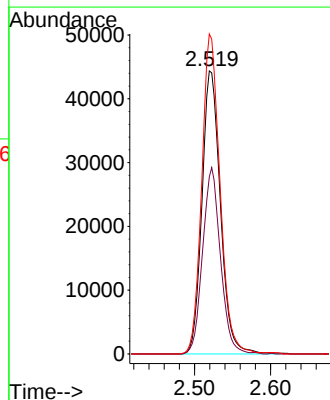
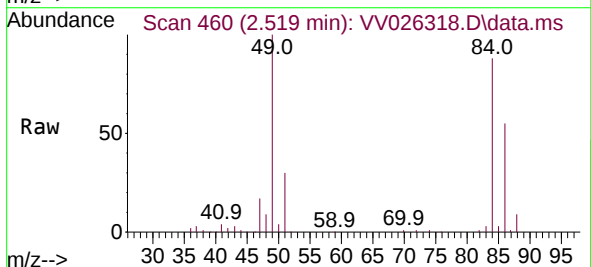
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

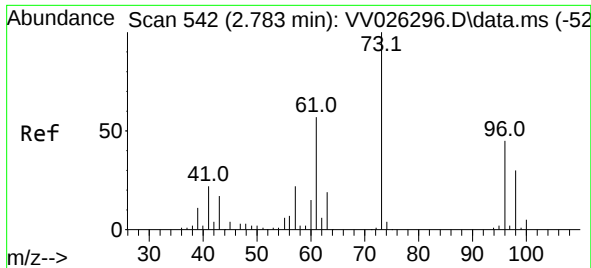
Tgt Ion: 43 Resp: 15868
Ion Ratio Lower Upper
43 100
74 28.6 21.4 32.0



#16
Methylene chloride
Concen: 4.422 ug/L
RT: 2.519 min Scan# 460
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

Tgt Ion: 84 Resp: 74732
Ion Ratio Lower Upper
84 100
86 62.6 44.0 81.8
49 113.1 77.3 143.7

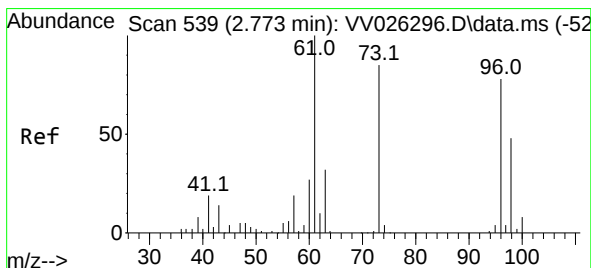
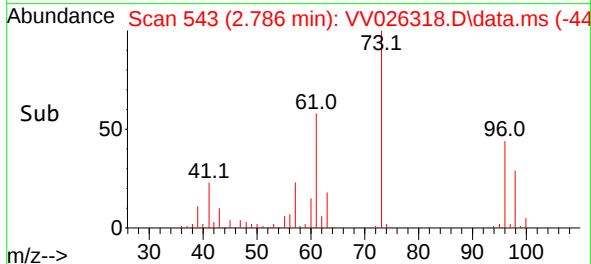
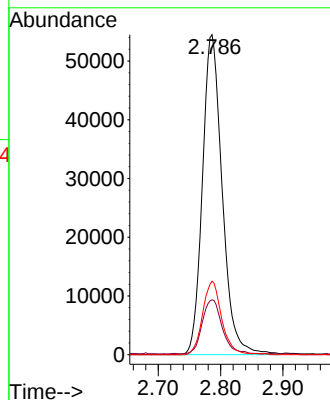
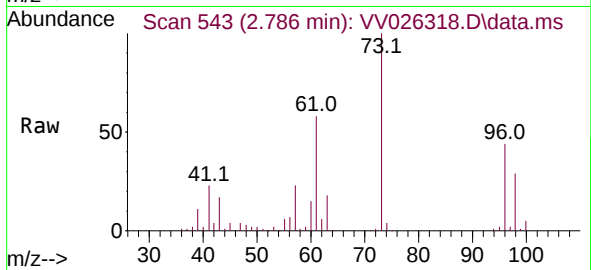




#17
Methyl tert-butyl Ether
Concen: 5.287 ug/L
RT: 2.786 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

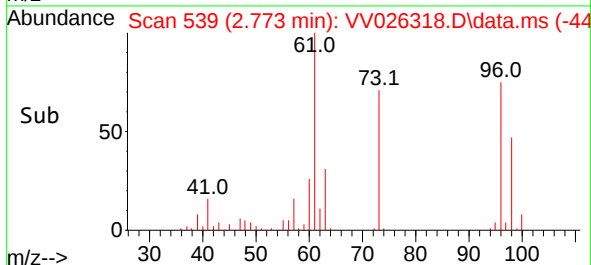
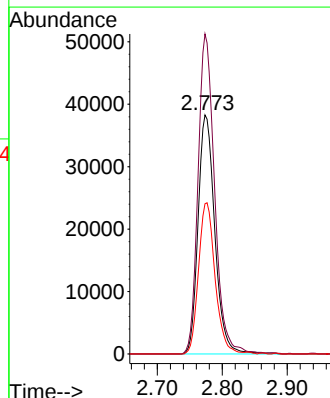
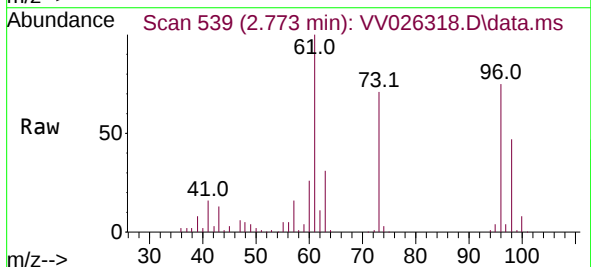
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

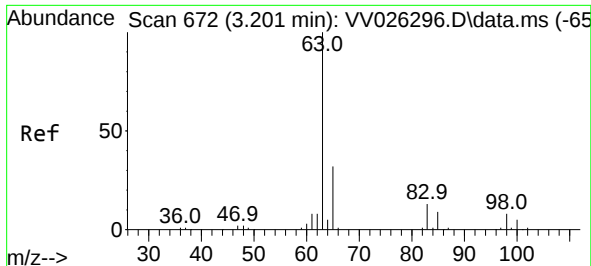
Tgt Ion: 73 Resp: 120423
Ion Ratio Lower Upper
73 100
43 16.9 13.0 19.6
57 22.0 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.350 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

Tgt Ion: 96 Resp: 68727
Ion Ratio Lower Upper
96 100
61 133.9 91.3 169.6
98 62.9 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.437 ug/L

RT: 3.204 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318

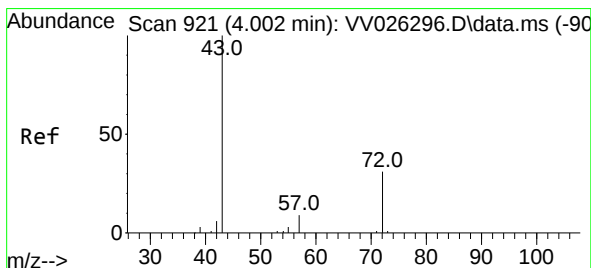
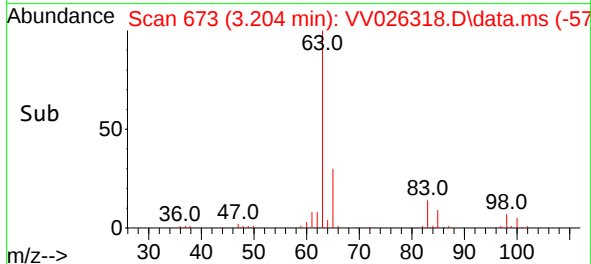
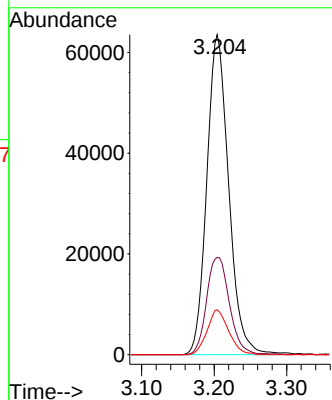
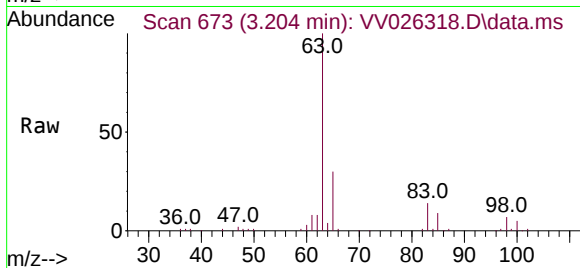
Tgt Ion: 63 Resp: 133201

Ion Ratio Lower Upper

63 100

65 30.4 22.3 41.3

83 14.1 8.9 16.5



#21

2-Butanone

Concen: 55.793 ug/L

RT: 4.008 min Scan# 923

Delta R.T. 0.006 min

Lab File: VV026318.D

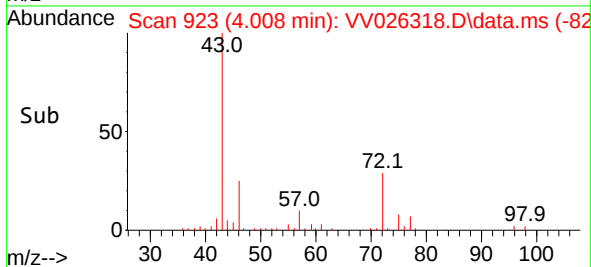
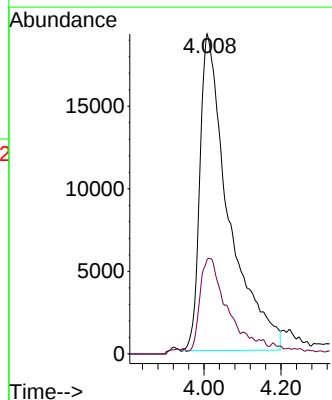
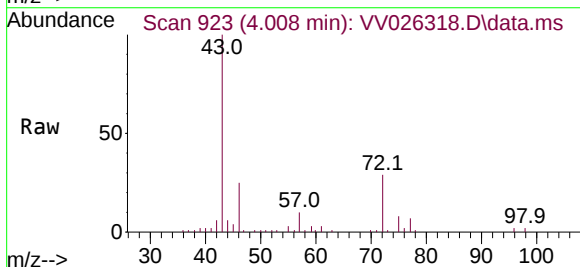
Acq: 16 Jun 2022 07:41

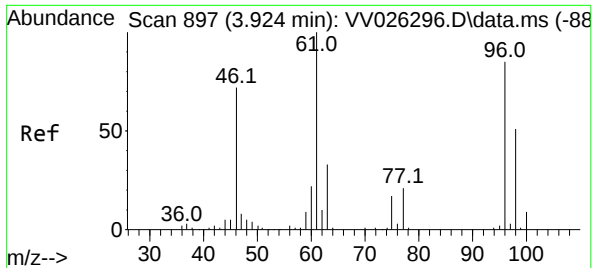
Tgt Ion: 43 Resp: 99413

Ion Ratio Lower Upper

43 100

72 24.7 12.7 38.0

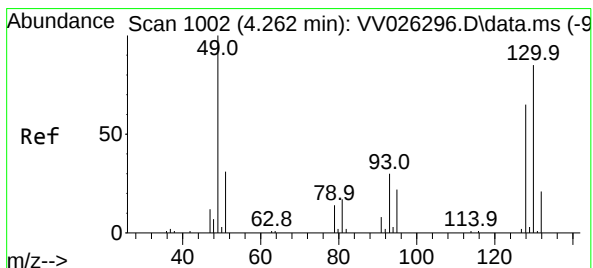
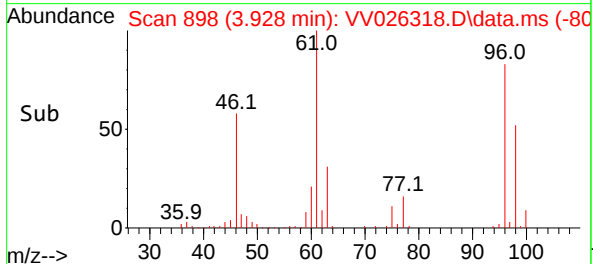
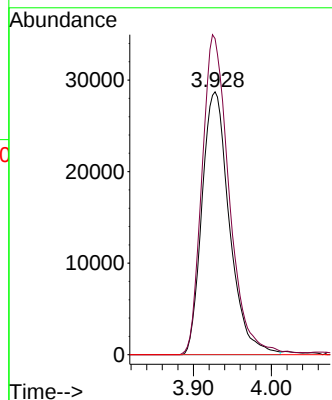
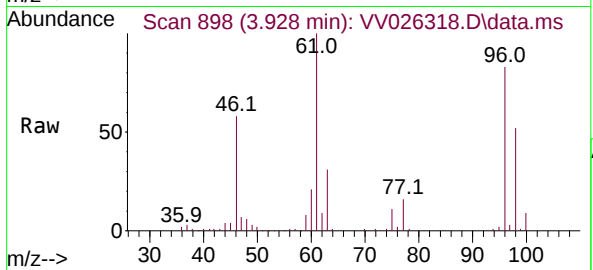




#22
 cis-1,2-Dichloroethene
 Concen: 5.399 ug/L
 RT: 3.928 min Scan# 897
 Delta R.T. 0.003 min
 Lab File: VV026318.D
 Acq: 16 Jun 2022 07:41

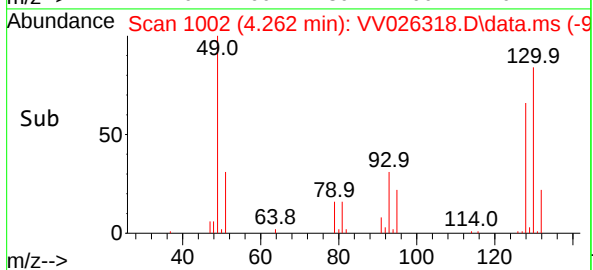
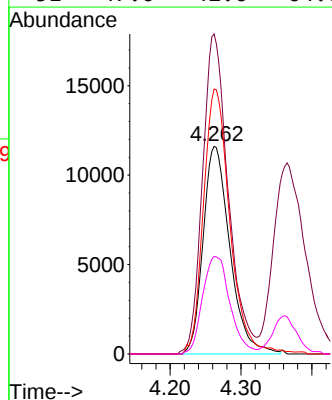
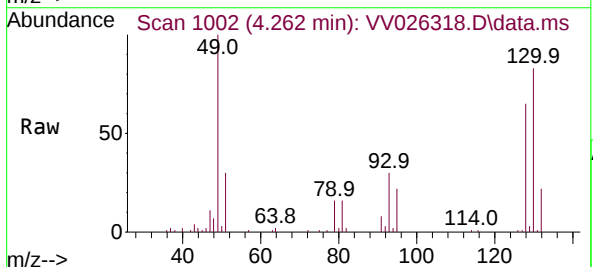
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

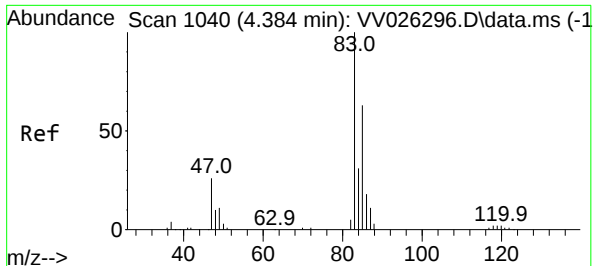
Tgt Ion: 96 Resp: 70171
 Ion Ratio Lower Upper
 96 100
 61 120.2 83.6 155.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.517 ug/L
 RT: 4.262 min Scan# 1002
 Delta R.T. -0.000 min
 Lab File: VV026318.D
 Acq: 16 Jun 2022 07:41

Tgt Ion: 128 Resp: 30428
 Ion Ratio Lower Upper
 128 100
 49 154.0 111.6 207.2
 130 127.5 91.1 169.1
 51 47.0 42.6 64.0





#25

Chloroform

Concen: 5.218 ug/L

RT: 4.387 min Scan# 1040

Delta R.T. 0.003 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

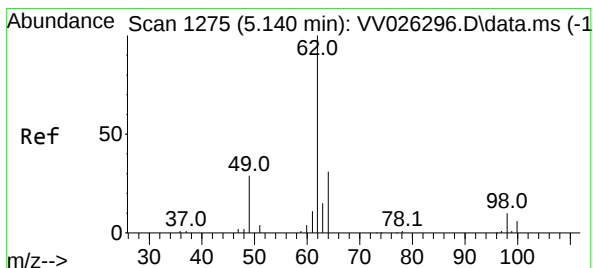
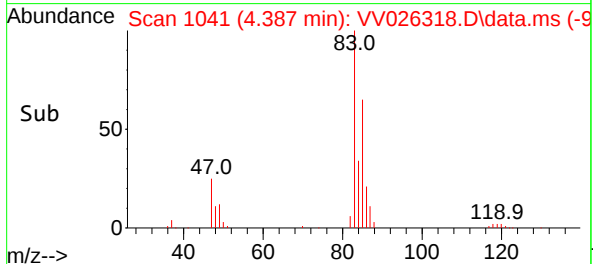
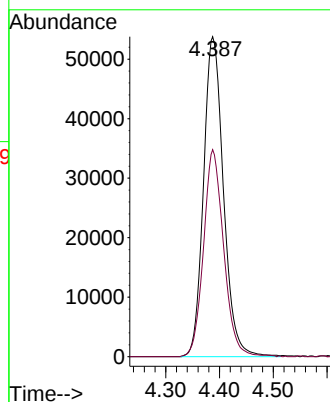
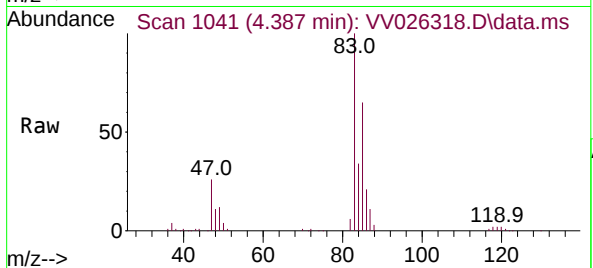
VSTD005318

Tgt Ion: 83 Resp: 138671

Ion Ratio Lower Upper

83 100

85 64.7 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.213 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.003 min

Lab File: VV026318.D

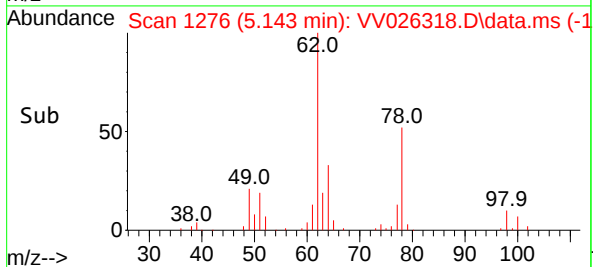
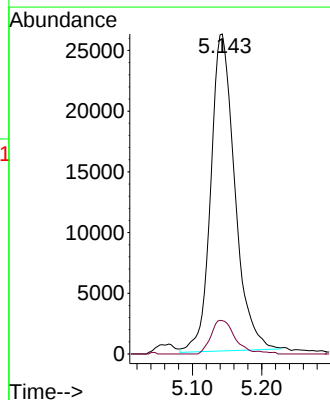
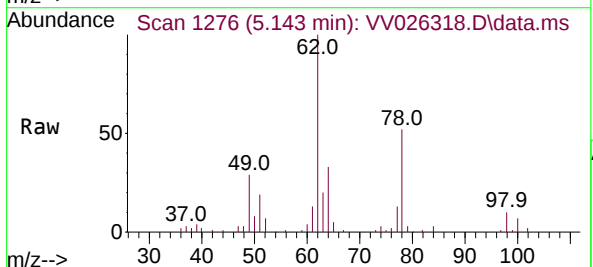
Acq: 16 Jun 2022 07:41

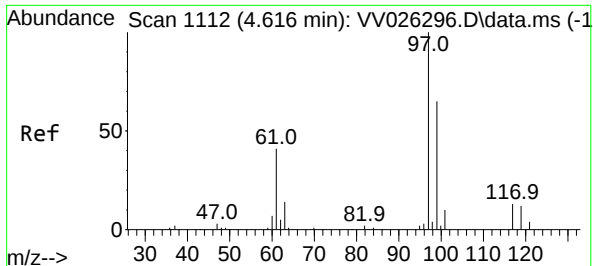
Tgt Ion: 62 Resp: 63053

Ion Ratio Lower Upper

62 100

98 10.4 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.393 ug/L

RT: 4.619 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318

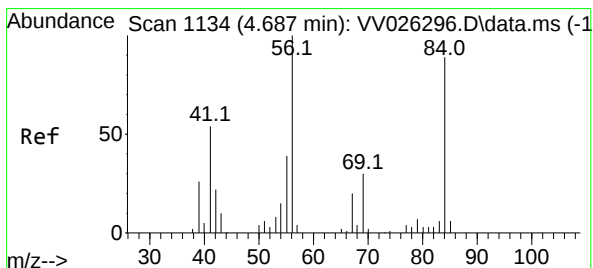
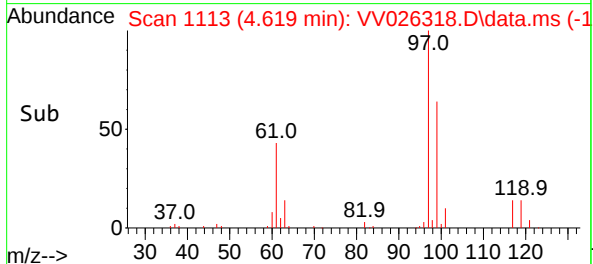
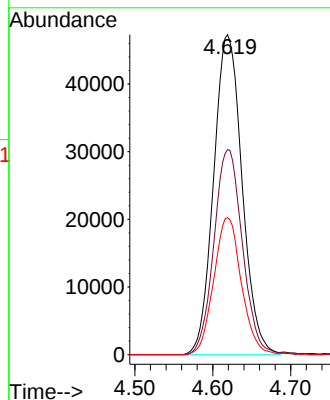
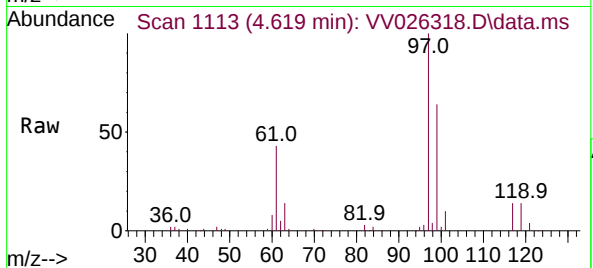
Tgt Ion: 97 Resp: 119993

Ion Ratio Lower Upper

97 100

99 64.2 50.3 75.5

61 41.5 33.4 50.0



#30

Cyclohexane

Concen: 5.314 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.003 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

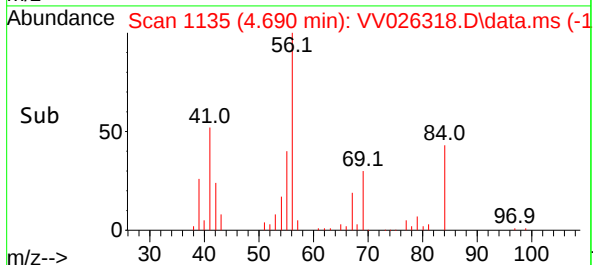
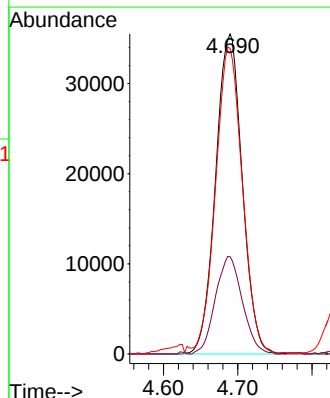
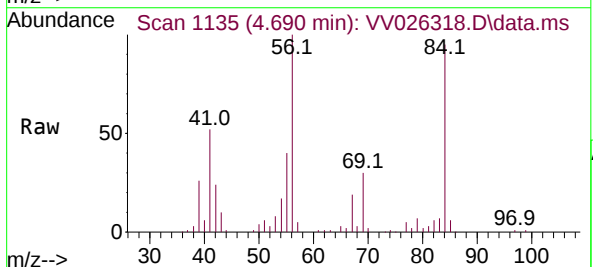
Tgt Ion: 56 Resp: 88430

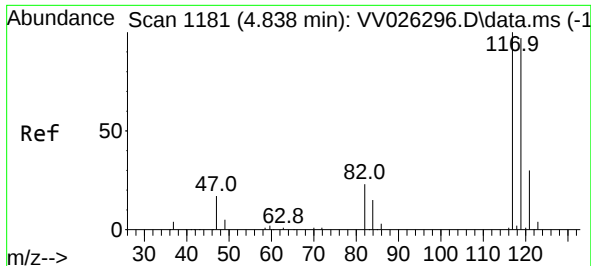
Ion Ratio Lower Upper

56 100

69 30.9 24.9 37.3

84 96.2 76.4 114.6

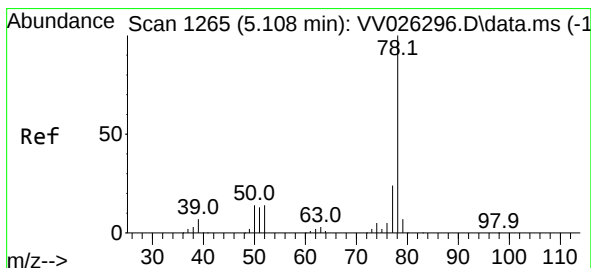
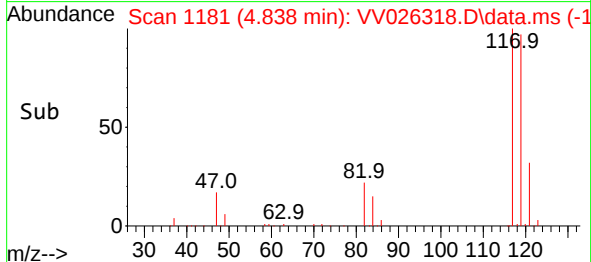
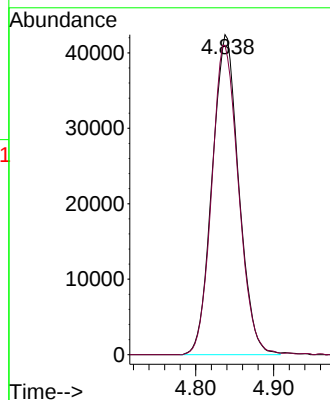
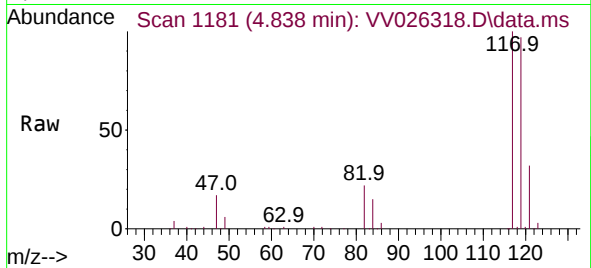




#31
Carbon tetrachloride
Concen: 5.338 ug/L
RT: 4.838 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

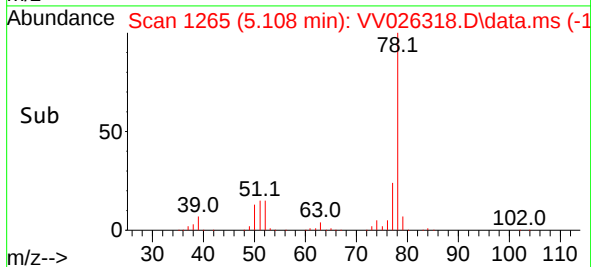
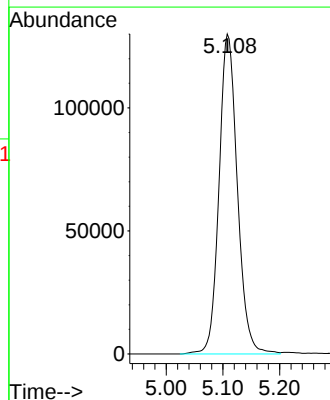
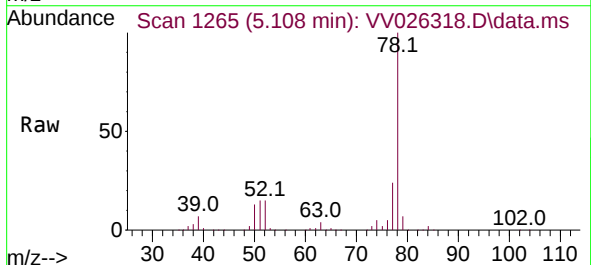
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

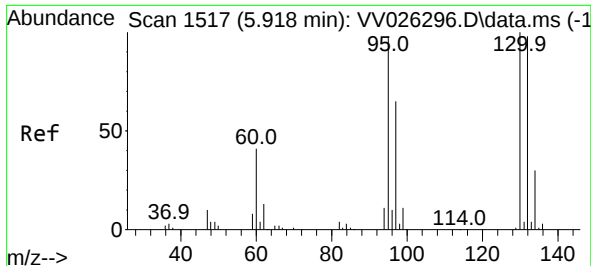
Tgt Ion:117 Resp: 100599
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.4



#33
Benzene
Concen: 5.658 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

Tgt Ion: 78 Resp: 292119

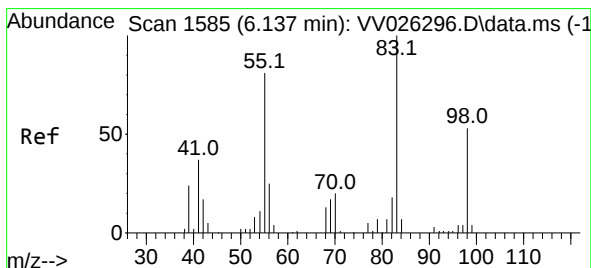
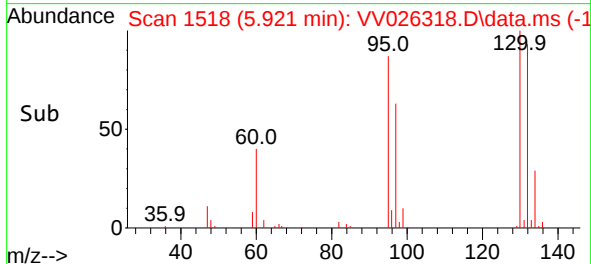
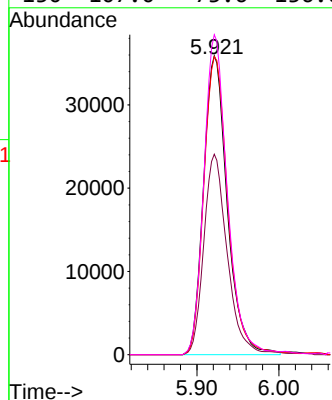
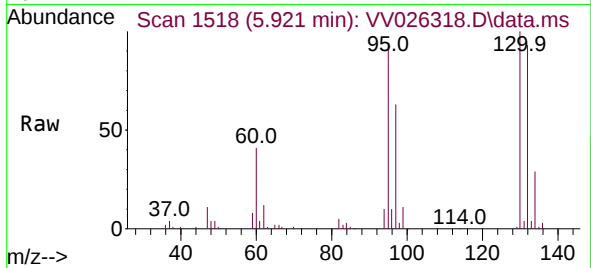




#34
Trichloroethene
Concen: 5.127 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

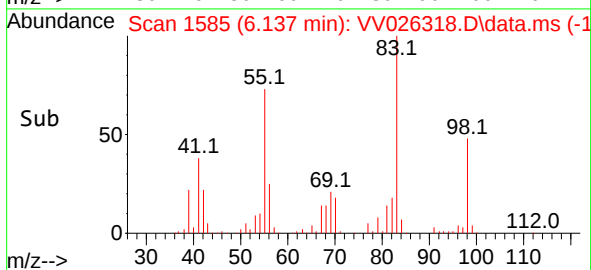
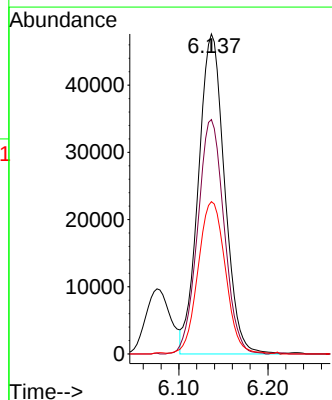
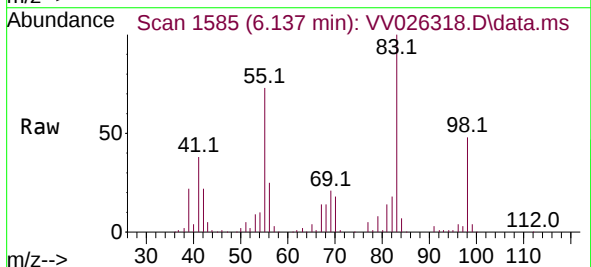
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

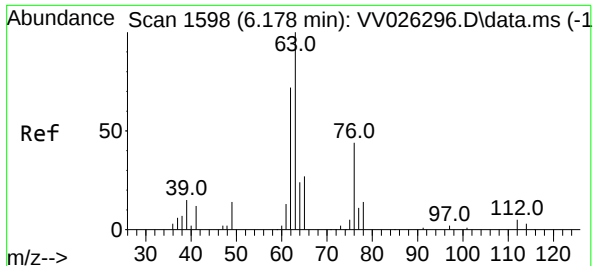
Tgt Ion: 95 Resp: 72264
Ion Ratio Lower Upper
95 100
97 67.1 46.5 86.3
132 99.7 68.8 127.8
130 107.0 73.6 136.6



#35
Methylcyclohexane
Concen: 4.980 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

Tgt Ion: 83 Resp: 97090
Ion Ratio Lower Upper
83 100
55 73.9 59.3 88.9
98 49.1 39.9 59.9





#37

1,2-Dichloropropane

Concen: 5.307 ug/L

RT: 6.178 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

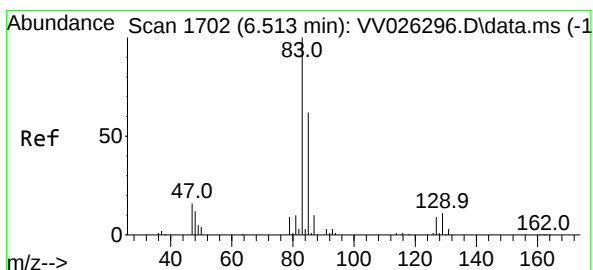
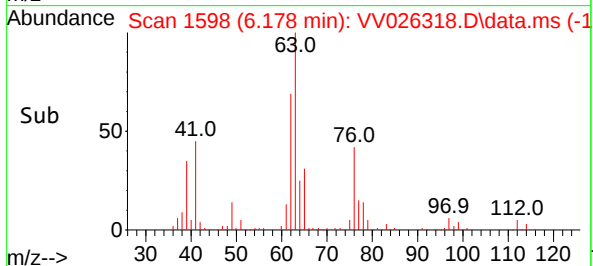
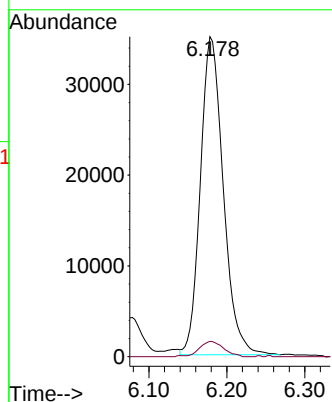
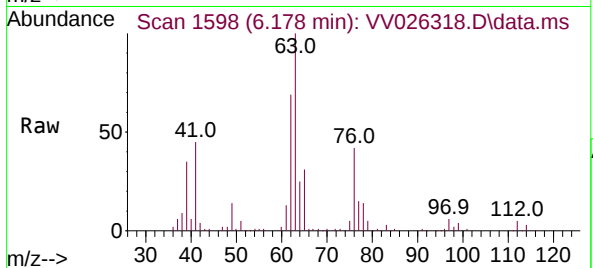
VSTD005318

Tgt Ion: 63 Resp: 71661

Ion Ratio Lower Upper

63 100

112 5.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 5.333 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

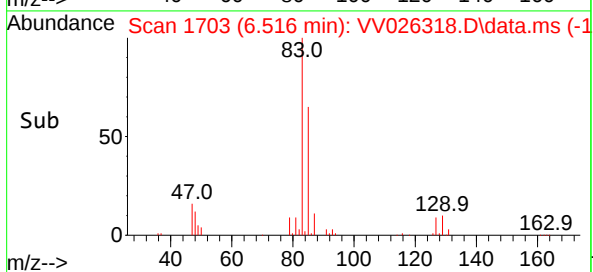
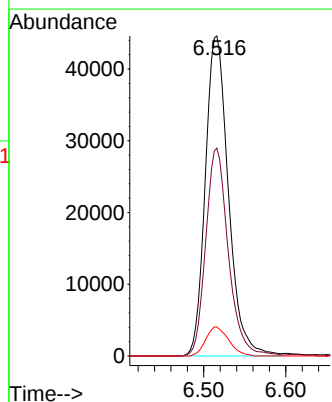
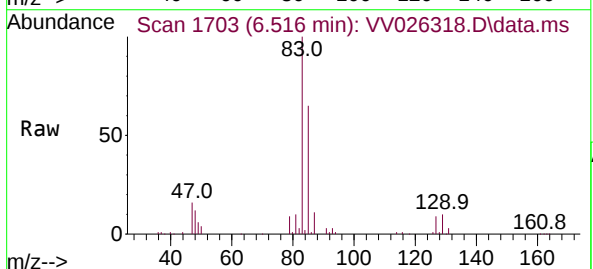
Tgt Ion: 83 Resp: 87347

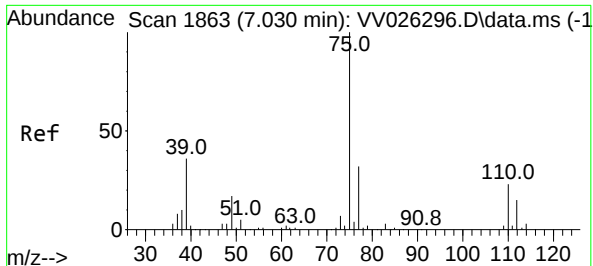
Ion Ratio Lower Upper

83 100

85 65.0 45.6 84.6

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.854 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

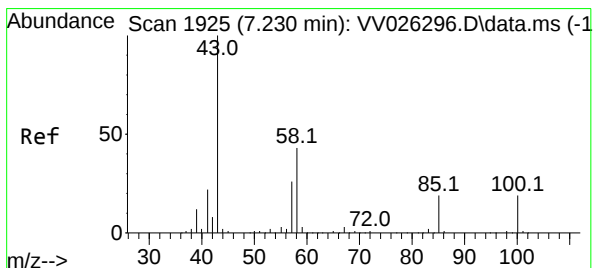
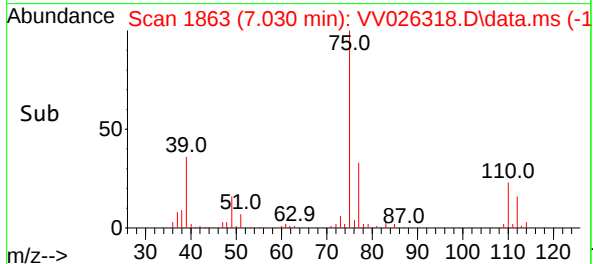
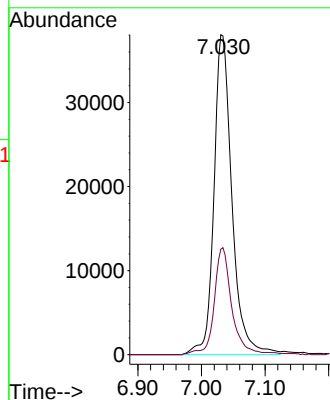
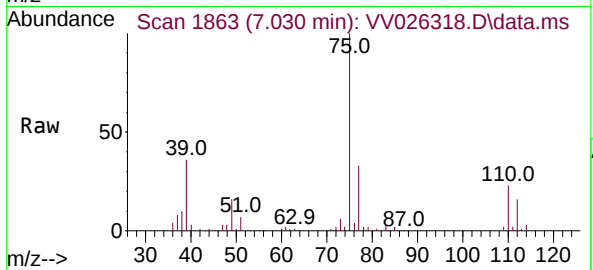
VSTD005318

Tgt Ion: 75 Resp: 74801

Ion Ratio Lower Upper

75 100

77 32.9 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 54.178 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

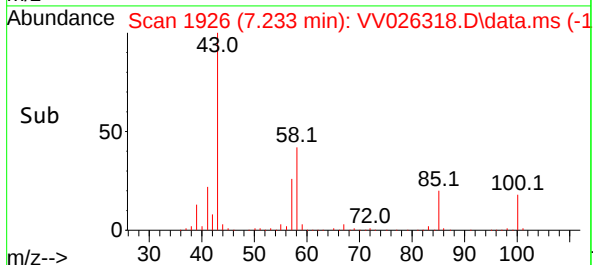
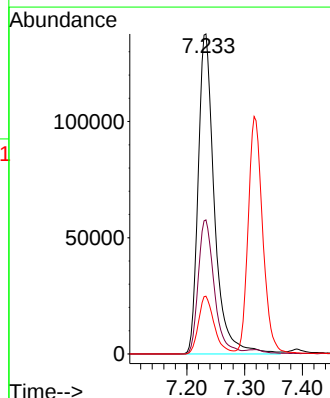
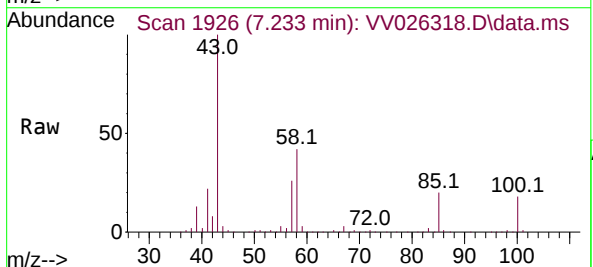
Tgt Ion: 43 Resp: 268986

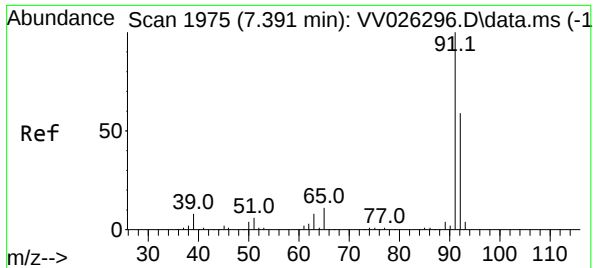
Ion Ratio Lower Upper

43 100

58 41.5 33.3 49.9

100 17.5 13.4 20.2





#42

Toluene

Concen: 5.742 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

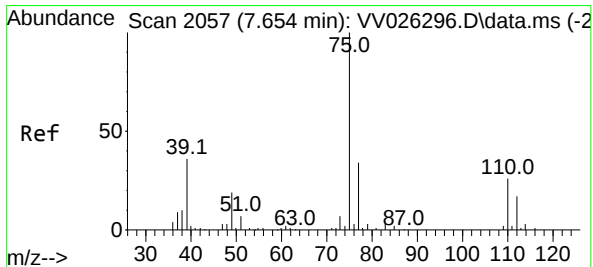
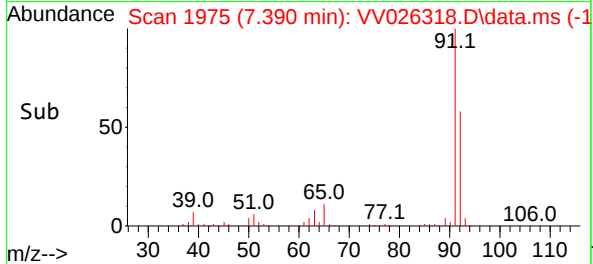
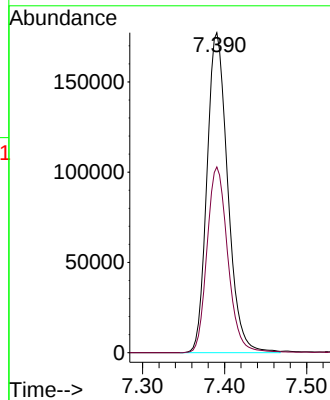
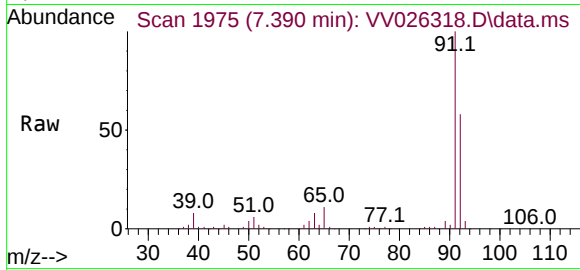
VSTD005318

Tgt Ion: 91 Resp: 311772

Ion Ratio Lower Upper

91 100

92 58.1 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.983 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV026318.D

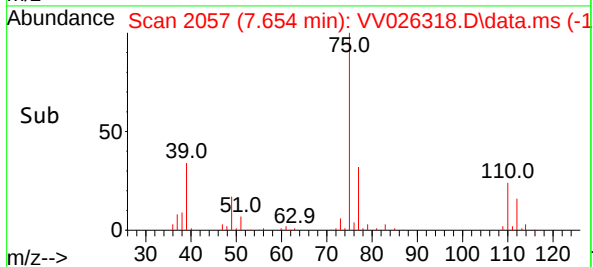
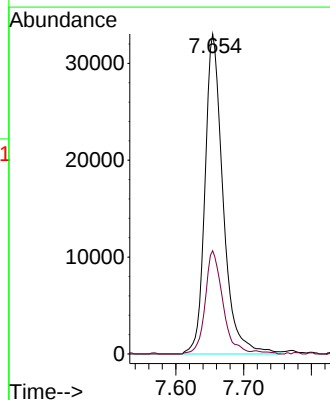
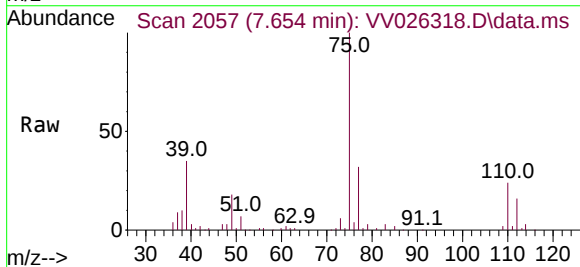
Acq: 16 Jun 2022 07:41

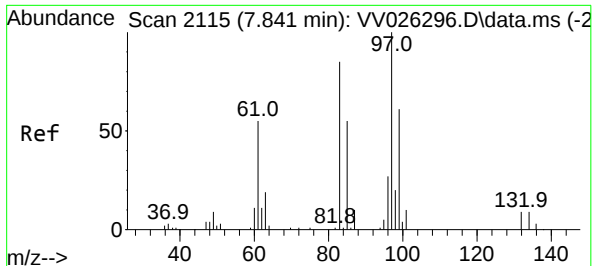
Tgt Ion: 75 Resp: 61325

Ion Ratio Lower Upper

75 100

77 32.3 23.7 43.9

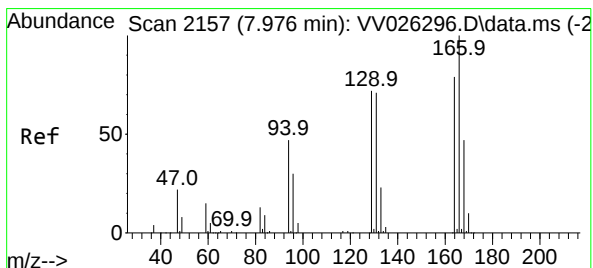
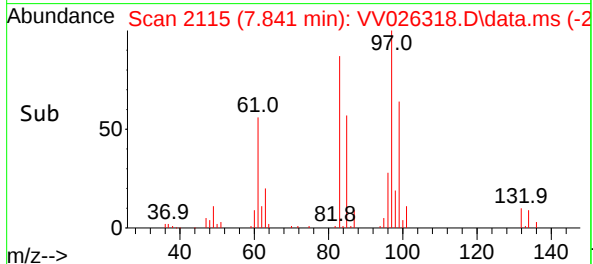
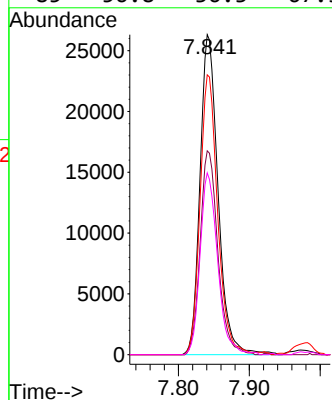
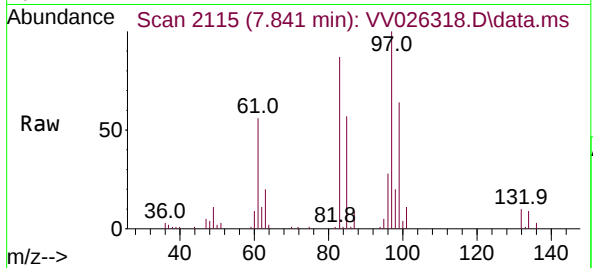




#45
1,1,2-Trichloroethane
Concen: 5.243 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

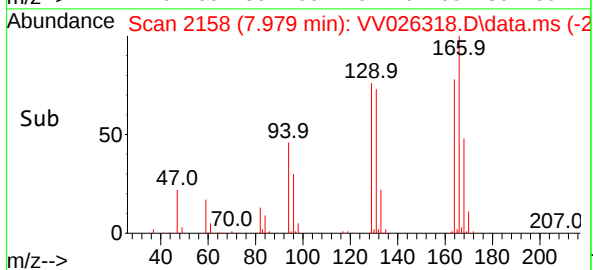
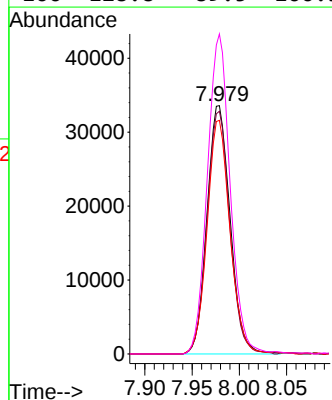
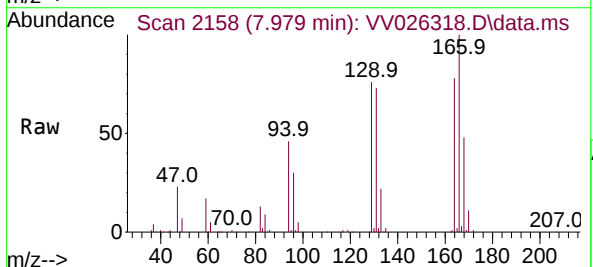
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

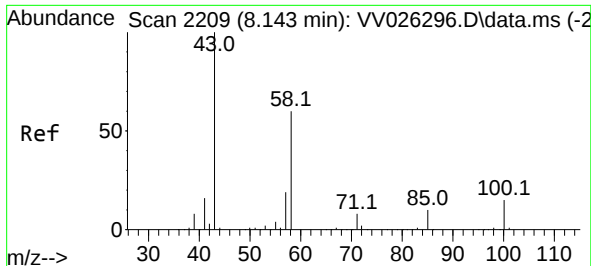
Tgt Ion:	97	Resp:	46466
Ion	Ratio	Lower	Upper
97	100		
99	63.7	42.4	78.6
83	87.5	56.1	104.1
85	56.8	36.3	67.5



#47
Tetrachloroethene
Concen: 5.494 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

Tgt Ion:	164	Resp:	57360
Ion	Ratio	Lower	Upper
164	100		
129	97.7	67.5	125.3
131	94.0	63.8	118.4
166	128.8	89.5	166.3

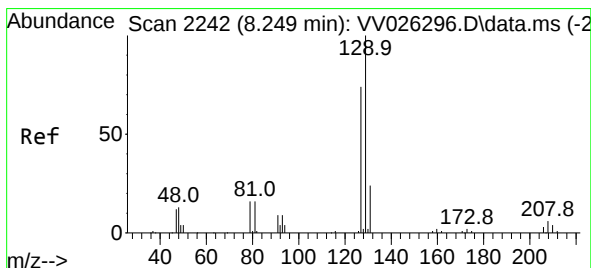
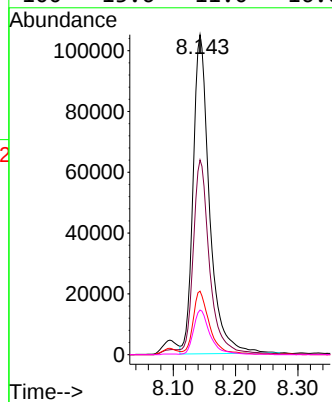
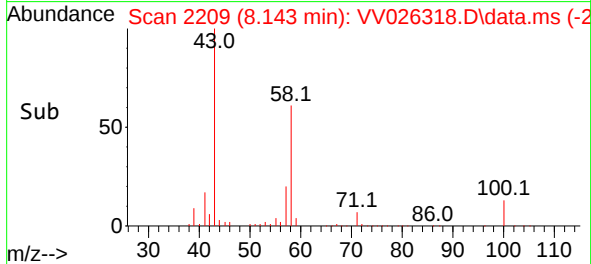
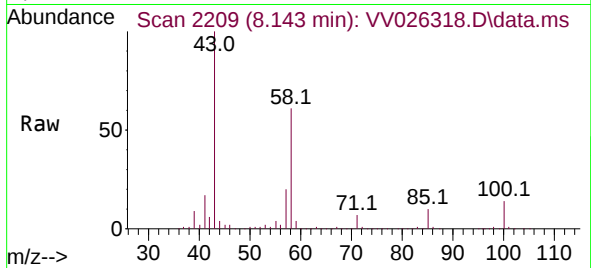




#48
2-Hexanone
Concen: 53.797 ug/L
RT: 8.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

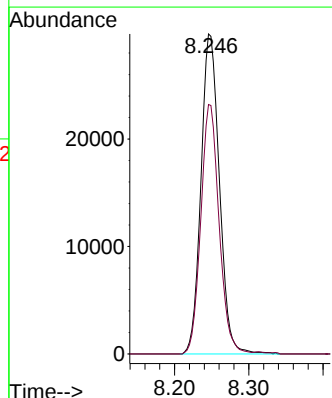
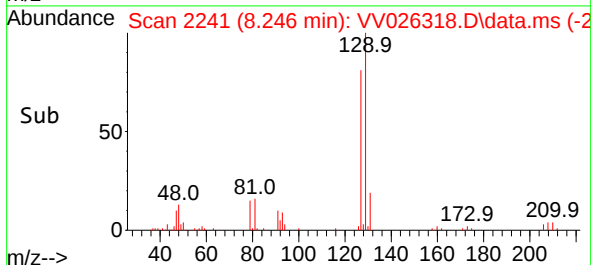
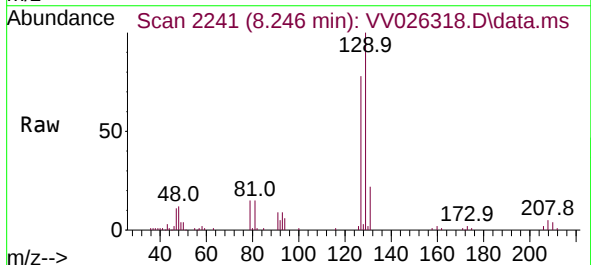
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

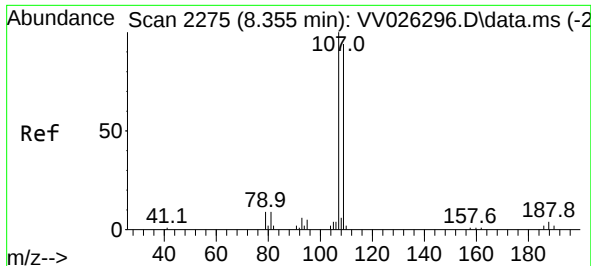
Tgt Ion: 43 Resp: 191364
Ion Ratio Lower Upper
43 100
58 60.4 48.7 73.1
57 19.6 16.0 24.0
100 13.6 11.0 16.6



#49
Dibromochloromethane
Concen: 5.231 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

Tgt Ion: 129 Resp: 51347
Ion Ratio Lower Upper
129 100
127 77.9 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.413 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318

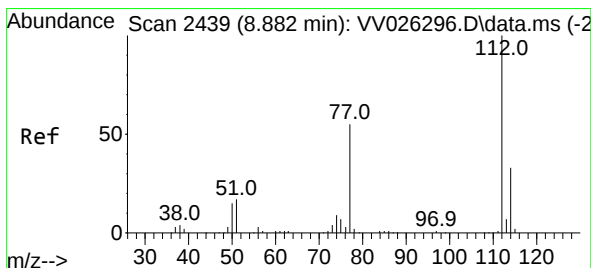
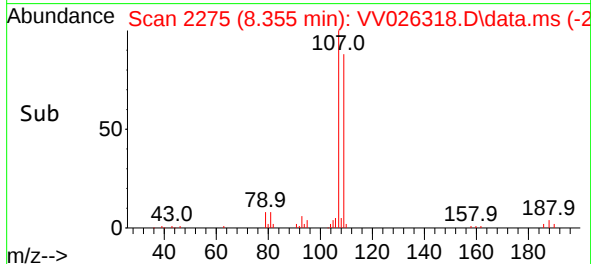
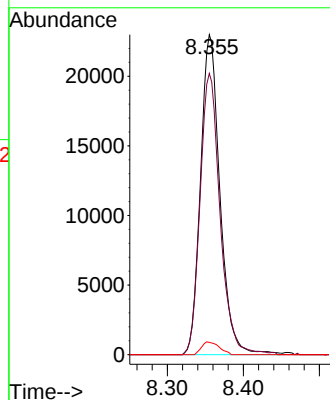
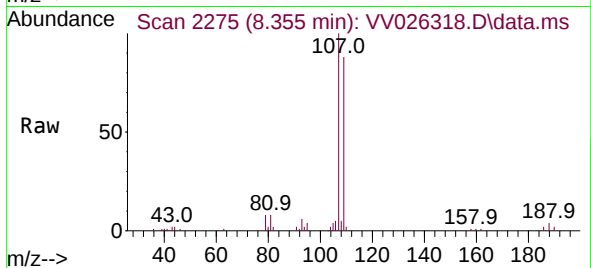
Tgt Ion:107 Resp: 40879

Ion Ratio Lower Upper

107 100

109 87.9 65.2 121.2

188 3.9 2.9 4.3



#51

Chlorobenzene

Concen: 5.377 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

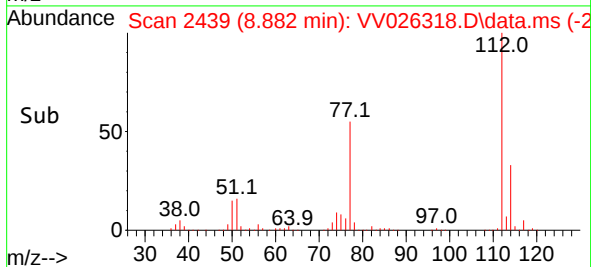
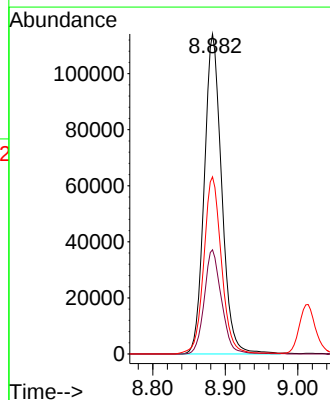
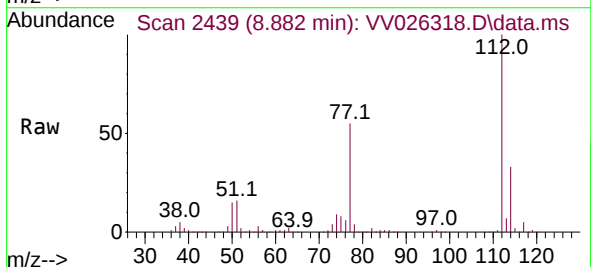
Tgt Ion:112 Resp: 190648

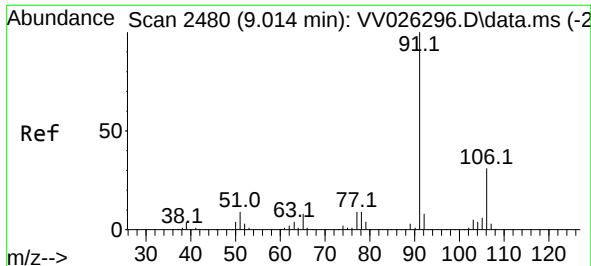
Ion Ratio Lower Upper

112 100

114 32.6 22.7 42.3

77 55.4 44.5 66.7

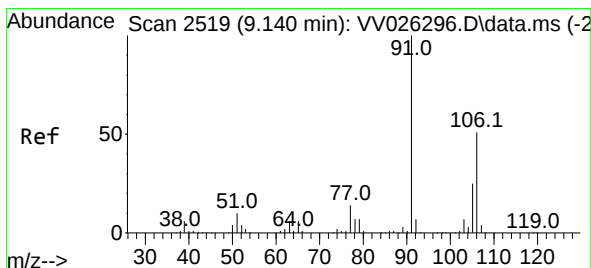
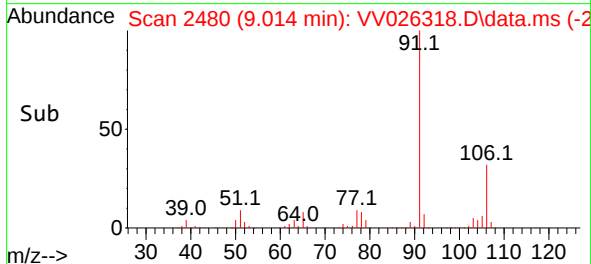
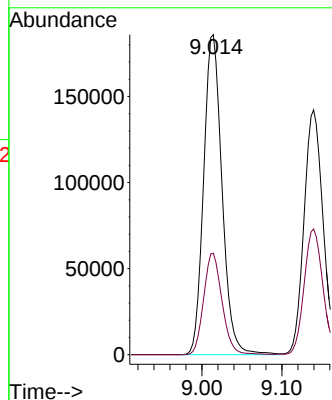
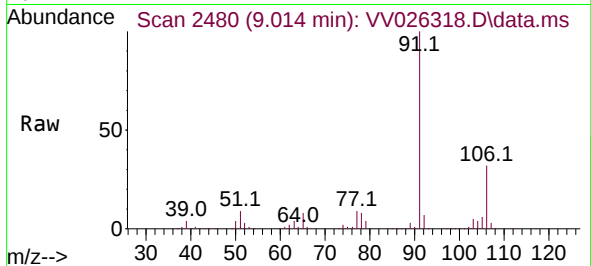




#52
Ethylbenzene
Concen: 5.479 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

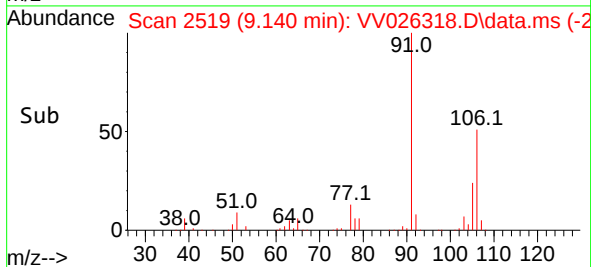
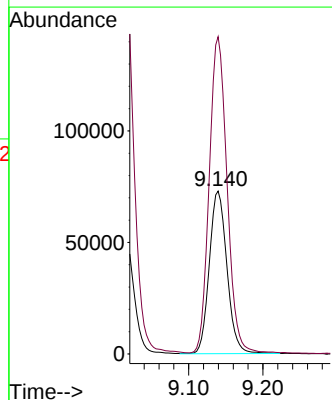
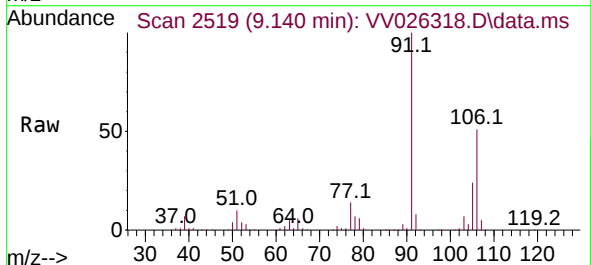
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

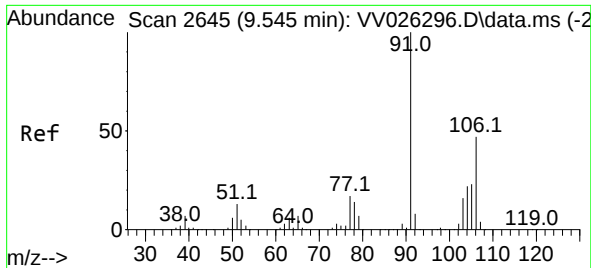
Tgt Ion: 91 Resp: 298217
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.0



#53
m,p-Xylene
Concen: 5.654 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

Tgt Ion: 106 Resp: 119958
Ion Ratio Lower Upper
106 100
91 194.8 141.3 262.3

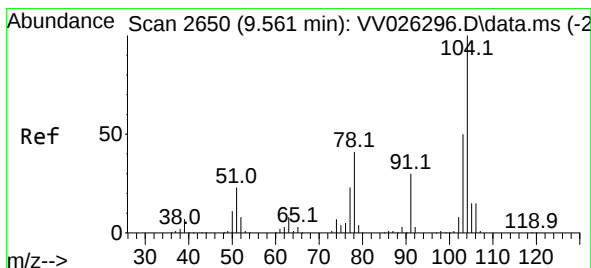
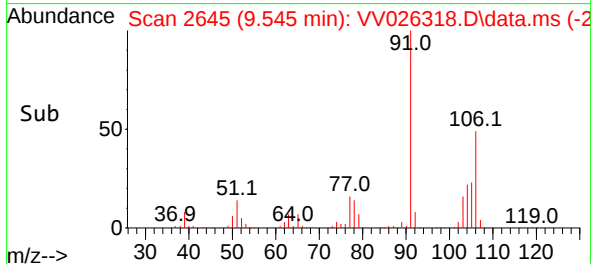
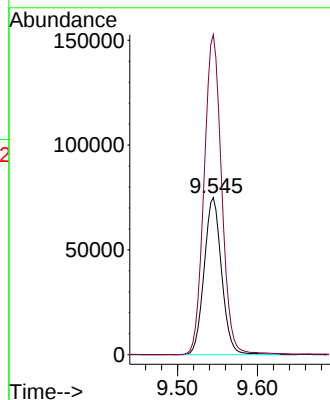
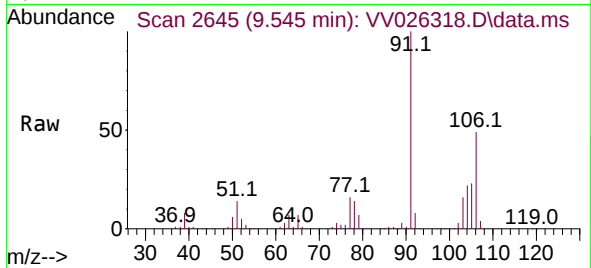




#54
o-Xylene
Concen: 5.538 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

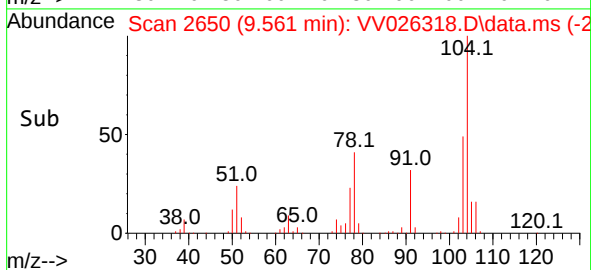
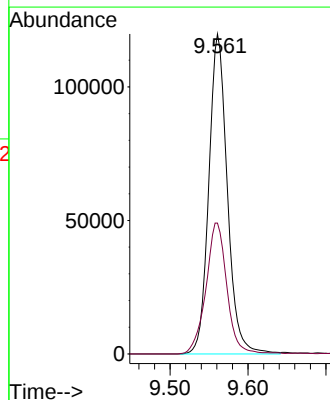
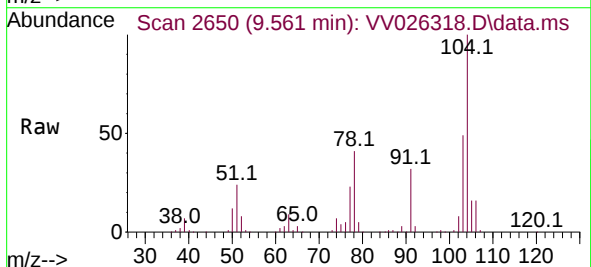
Instrument : MSVOA_V
ClientSampleId : VSTD005318

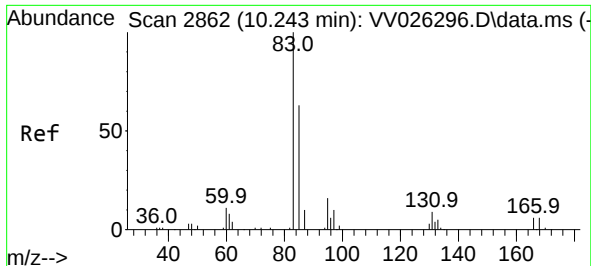
Tgt Ion:106 Resp: 113839
Ion Ratio Lower Upper
106 100
91 203.6 143.3 266.1



#55
Styrene
Concen: 5.732 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

Tgt Ion:104 Resp: 197842
Ion Ratio Lower Upper
104 100
78 40.9 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.423 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318

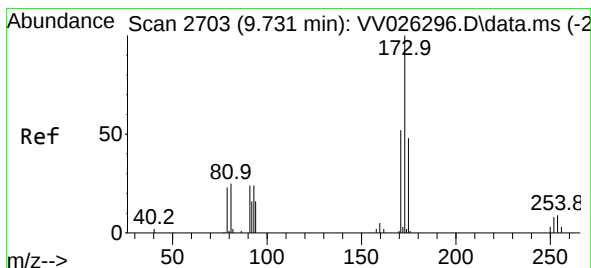
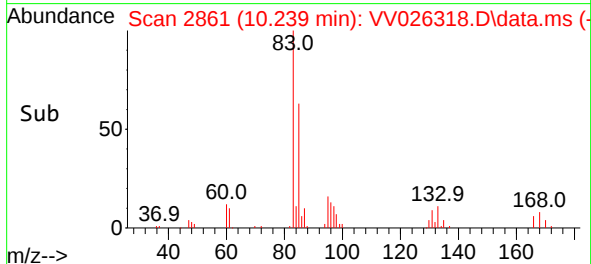
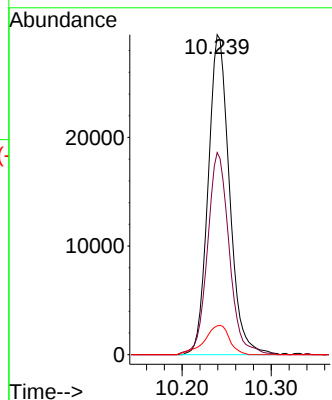
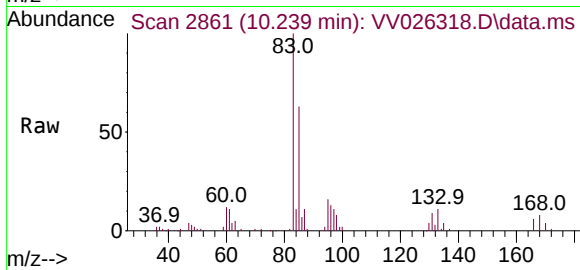
Tgt Ion: 83 Resp: 48757

Ion Ratio Lower Upper

83 100

85 63.2 47.1 87.5

131 9.0 7.7 11.5



#59

Bromoform

Concen: 5.339 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

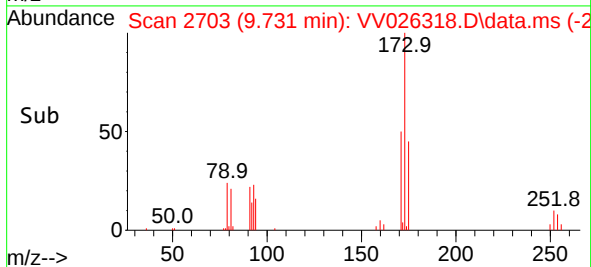
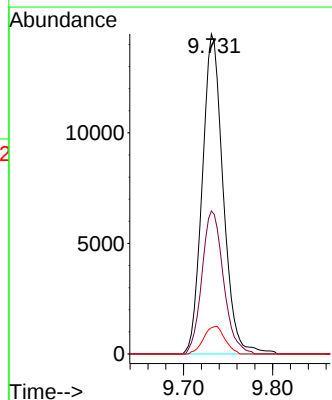
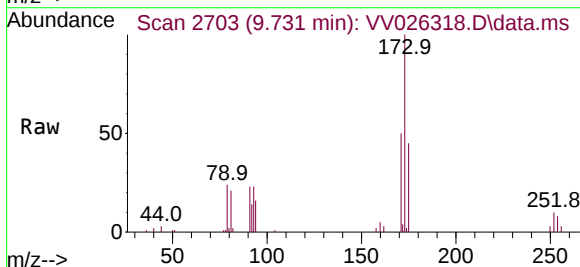
Tgt Ion: 173 Resp: 23542

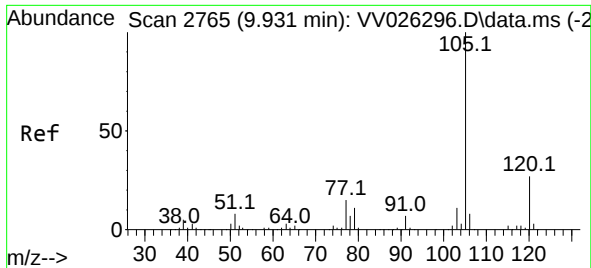
Ion Ratio Lower Upper

173 100

175 46.1 38.3 57.5

254 8.8 6.9 10.3

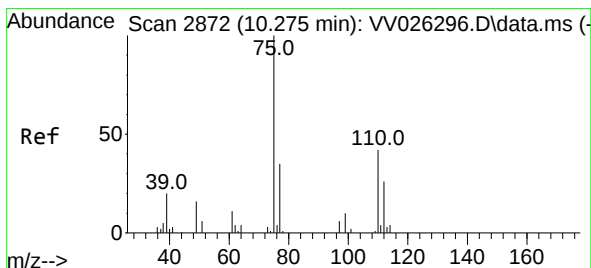
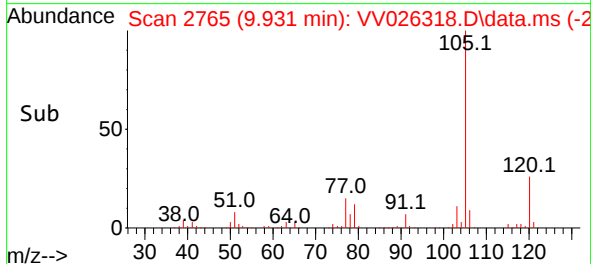
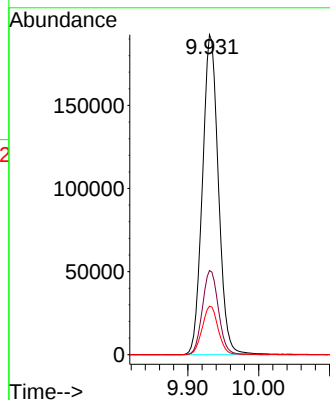
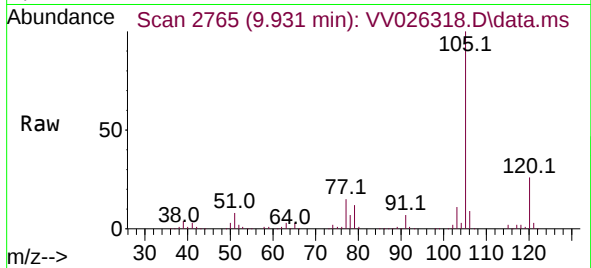




#60
Isopropylbenzene
Concen: 5.624 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

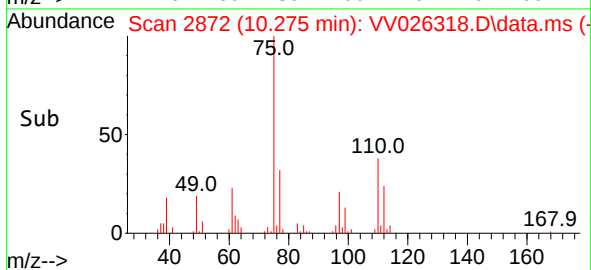
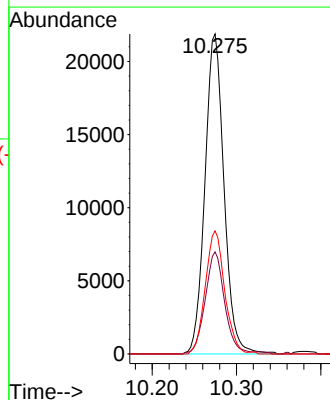
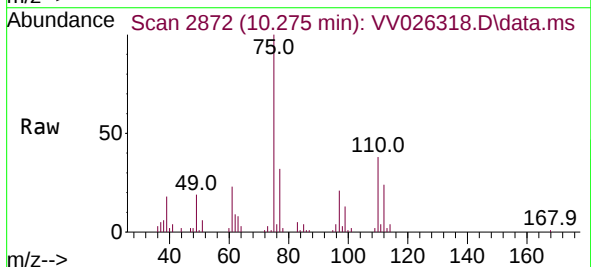
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

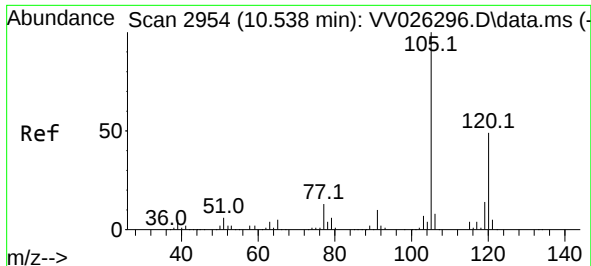
Tgt Ion:105 Resp: 301092
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.299 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV026318.D
Acq: 16 Jun 2022 07:41

Tgt Ion: 75 Resp: 34532
Ion Ratio Lower Upper
75 100
77 32.9 26.9 40.3
110 39.0 30.7 46.1

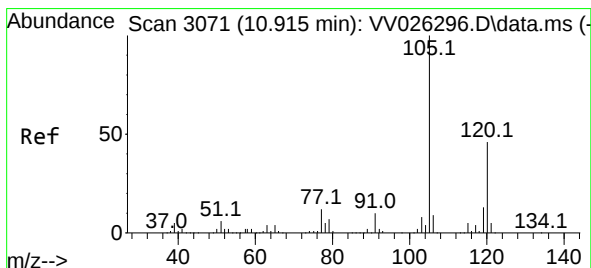
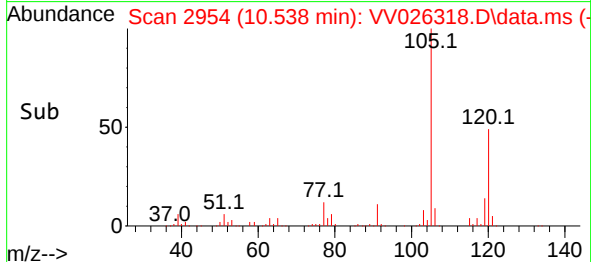
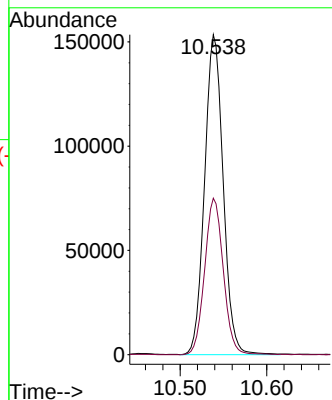
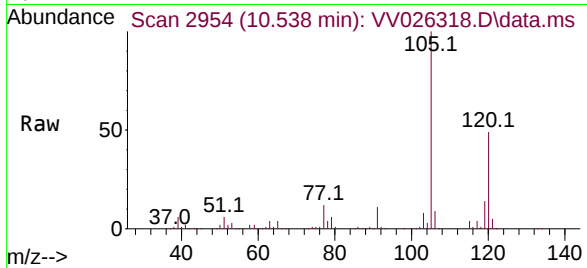




#62
 1,3,5-Trimethylbenzene
 Concen: 5.382 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026318.D
 Acq: 16 Jun 2022 07:41

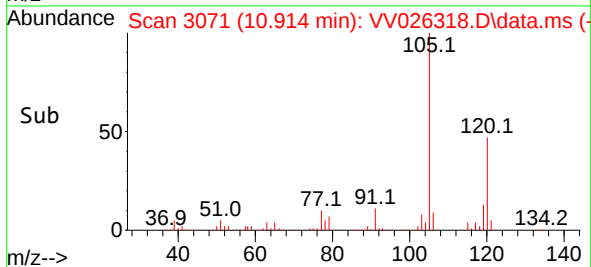
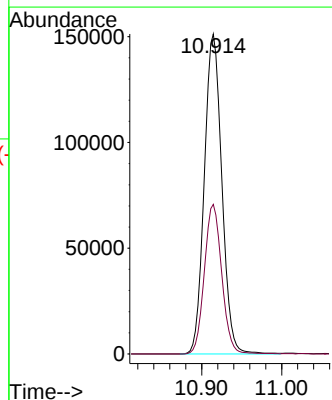
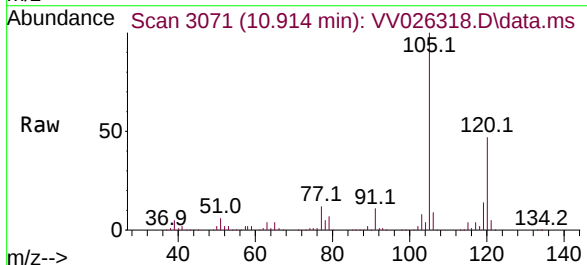
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

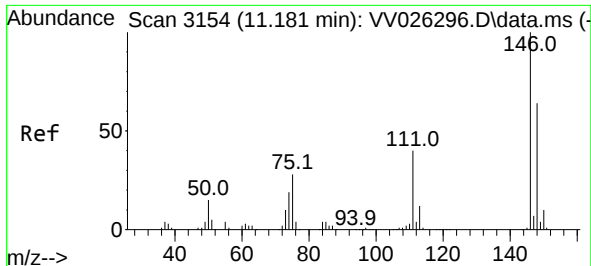
Tgt Ion:105 Resp: 228657
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.502 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV026318.D
 Acq: 16 Jun 2022 07:41

Tgt Ion:105 Resp: 231355
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.9 55.3

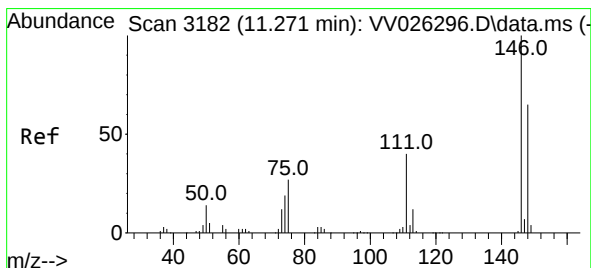
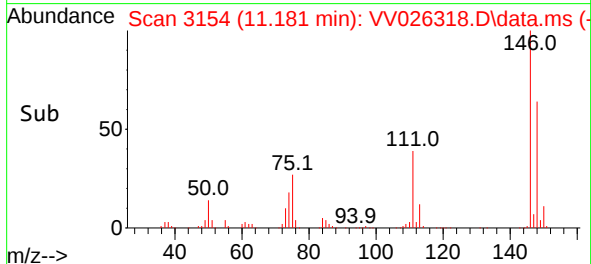
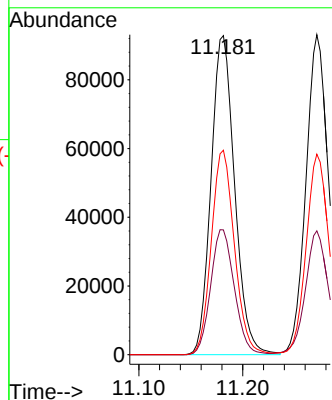
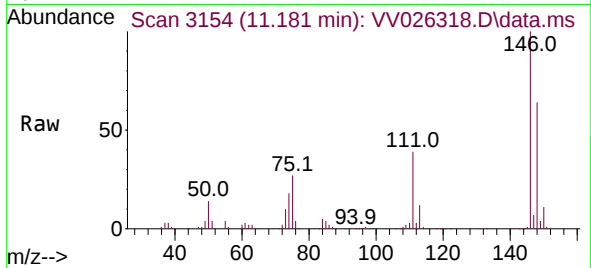




#64
 1,3-Dichlorobenzene
 Concen: 5.569 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. -0.000 min
 Lab File: VV026318.D
 Acq: 16 Jun 2022 07:41

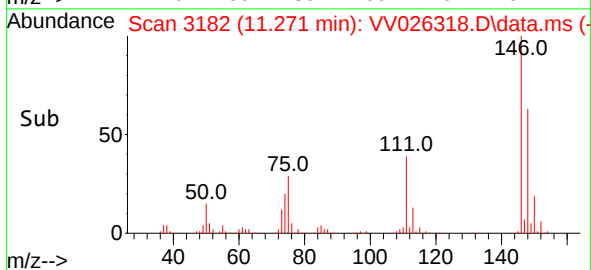
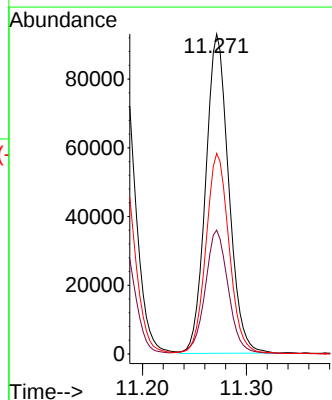
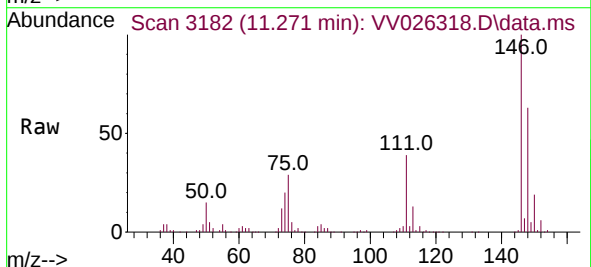
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

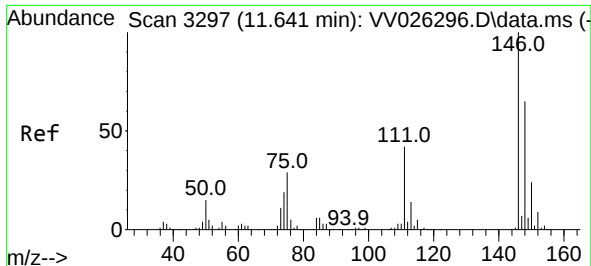
Tgt Ion:146 Resp: 146501
 Ion Ratio Lower Upper
 146 100
 111 39.1 27.8 51.6
 148 64.1 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 5.352 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV026318.D
 Acq: 16 Jun 2022 07:41

Tgt Ion:146 Resp: 143096
 Ion Ratio Lower Upper
 146 100
 111 38.7 26.7 49.7
 148 62.7 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.353 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318

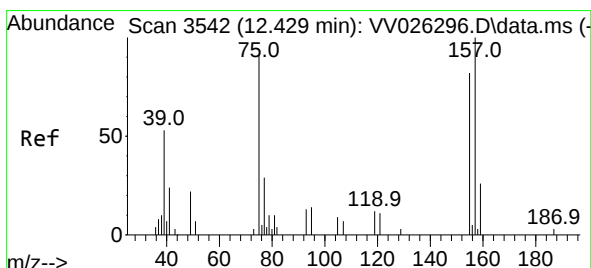
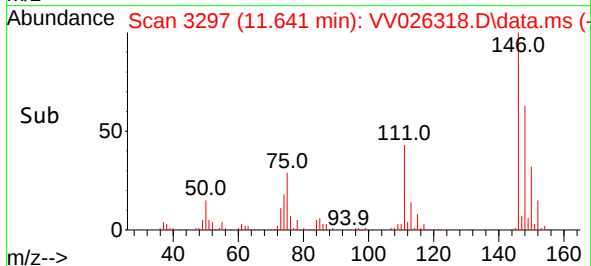
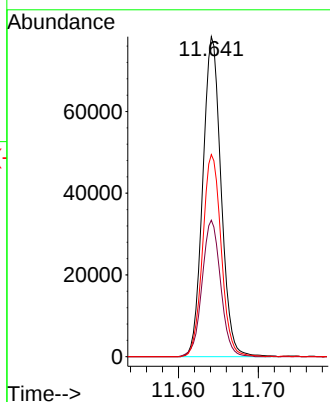
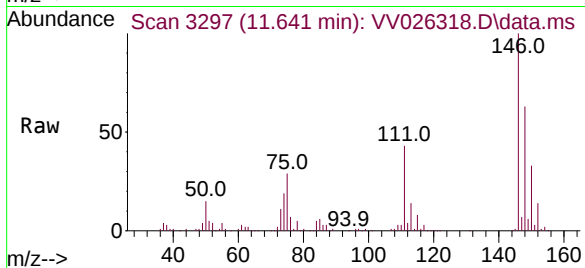
Tgt Ion:146 Resp: 124731

Ion Ratio Lower Upper

146 100

111 42.6 33.8 50.8

148 63.2 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.056 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

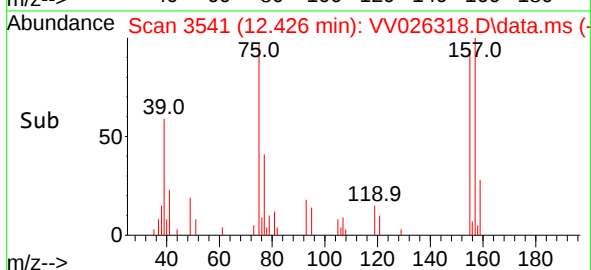
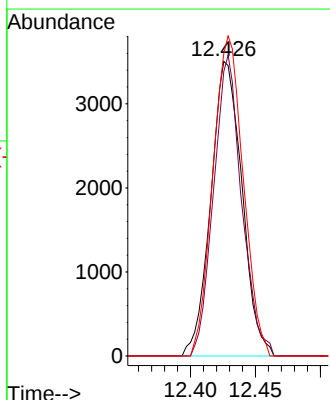
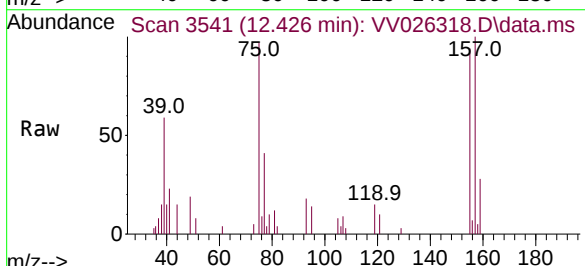
Tgt Ion: 75 Resp: 5836

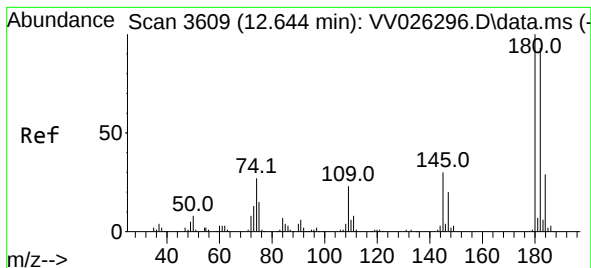
Ion Ratio Lower Upper

75 100

155 96.6 63.7 95.5#

157 102.7 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 5.058 ug/L

RT: 12.644 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV026318.D

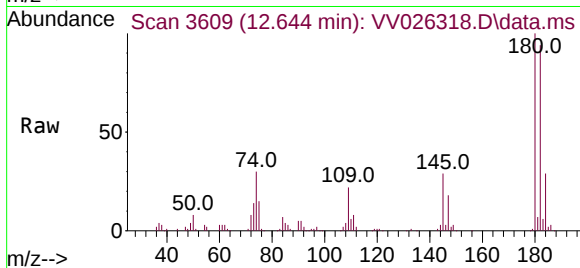
Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318



Tgt Ion:180 Resp: 96211

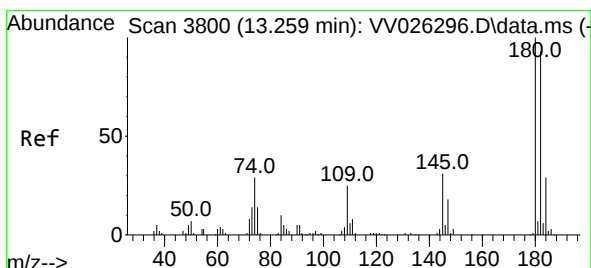
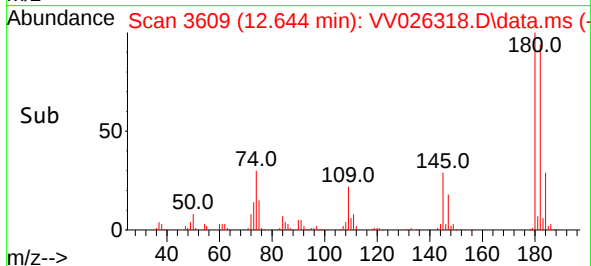
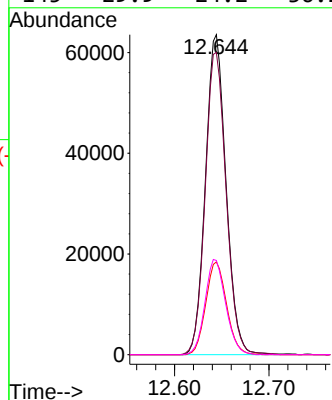
Ion Ratio Lower Upper

180 100

182 95.9 75.5 113.3

184 29.2 23.7 35.5

145 29.9 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.828 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

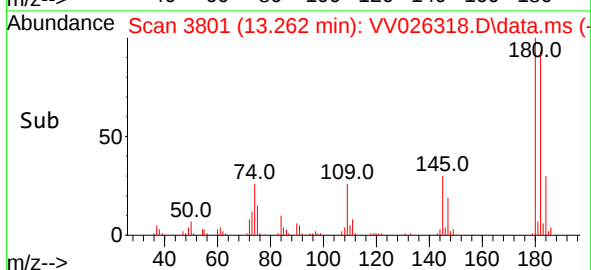
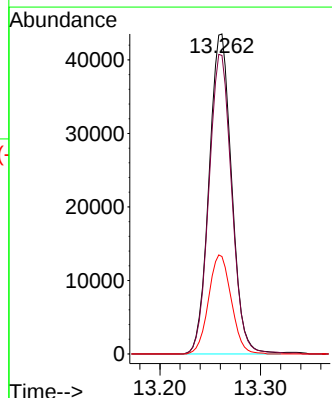
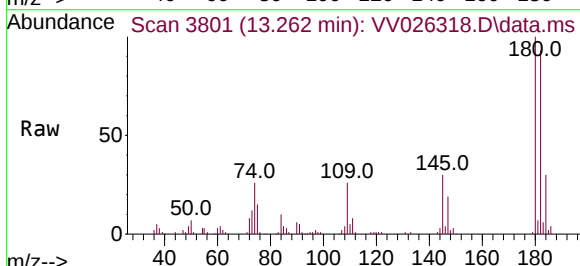
Tgt Ion:180 Resp: 67728

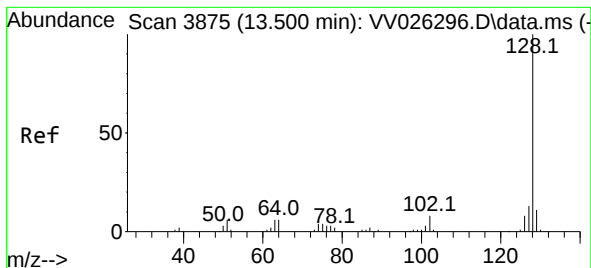
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.2

145 31.1 23.9 35.9





#71

Naphthalene

Concen: 4.585 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318

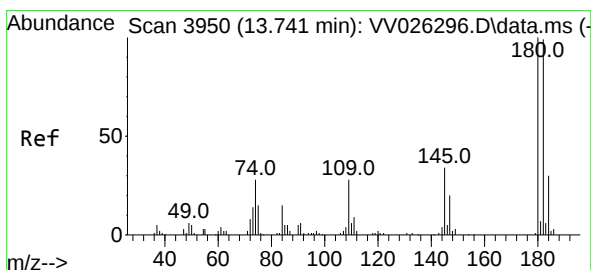
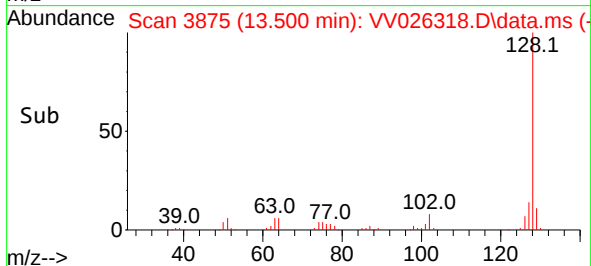
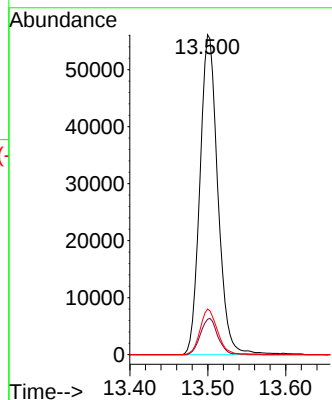
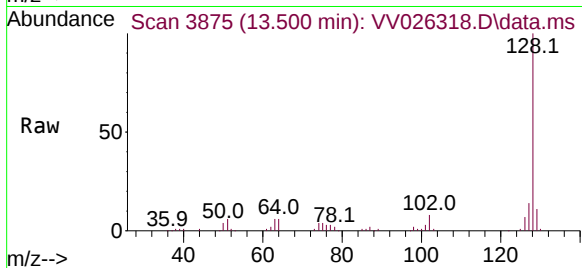
Tgt Ion:128 Resp: 89307

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.8 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.923 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026318.D

Acq: 16 Jun 2022 07:41

Tgt Ion:180 Resp: 57826

Ion Ratio Lower Upper

180 100

182 92.2 77.9 116.9

145 31.7 26.7 40.1

