

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026864.D
 Acq On : 21 Jul 2022 10:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

Quant Time: Jul 22 05:49:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	216298	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	220182	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	122794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	88340	4.477	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.561	69	80275	4.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.101	63	176865	4.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.895	46	163439	53.069	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.140%
24) Chloroform-d	4.342	84	178754	5.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.024	65	75078	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.043	84	340395	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.066	67	101703	5.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.310	98	316743	5.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	7.622	79	32829	5.002	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.088	63	128815	45.332	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.660%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	77222	4.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	100731	4.708	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	142493	5.182	ug/L	99
3) Chloromethane	1.236	50	118695	4.498	ug/L	100
5) Vinyl chloride	1.304	62	130691	4.864	ug/L	100
6) Bromomethane	1.516	94	75812	4.714	ug/L	99
8) Chloroethane	1.577	64	82850	5.234	ug/L	95
9) Trichlorofluoromethane	1.744	101	182636	5.349	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	106801	5.460	ug/L	98
12) 1,1-Dichloroethene	2.111	96	97832	5.158	ug/L	93
13) Acetone	2.185	43	122447	47.255	ug/L #	25
14) Carbon disulfide	2.285	76	281997	5.047	ug/L	99
15) Methyl Acetate	2.436	43	28369	5.413	ug/L #	89
16) Methylene chloride	2.500	84	124486	5.511	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	179888	5.506	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	100215	5.749	ug/L	95
19) 1,1-Dichloroethane	3.182	63	186870	5.871	ug/L	99
21) 2-Butanone	3.979	43	179778	59.491	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	98040	5.576	ug/L	99
23) Bromochloromethane	4.243	128	47501	5.865	ug/L	93
25) Chloroform	4.368	83	196421	5.892	ug/L	99

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 Data File : VW026864.D
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

Quant Time: Jul 22 05:49:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

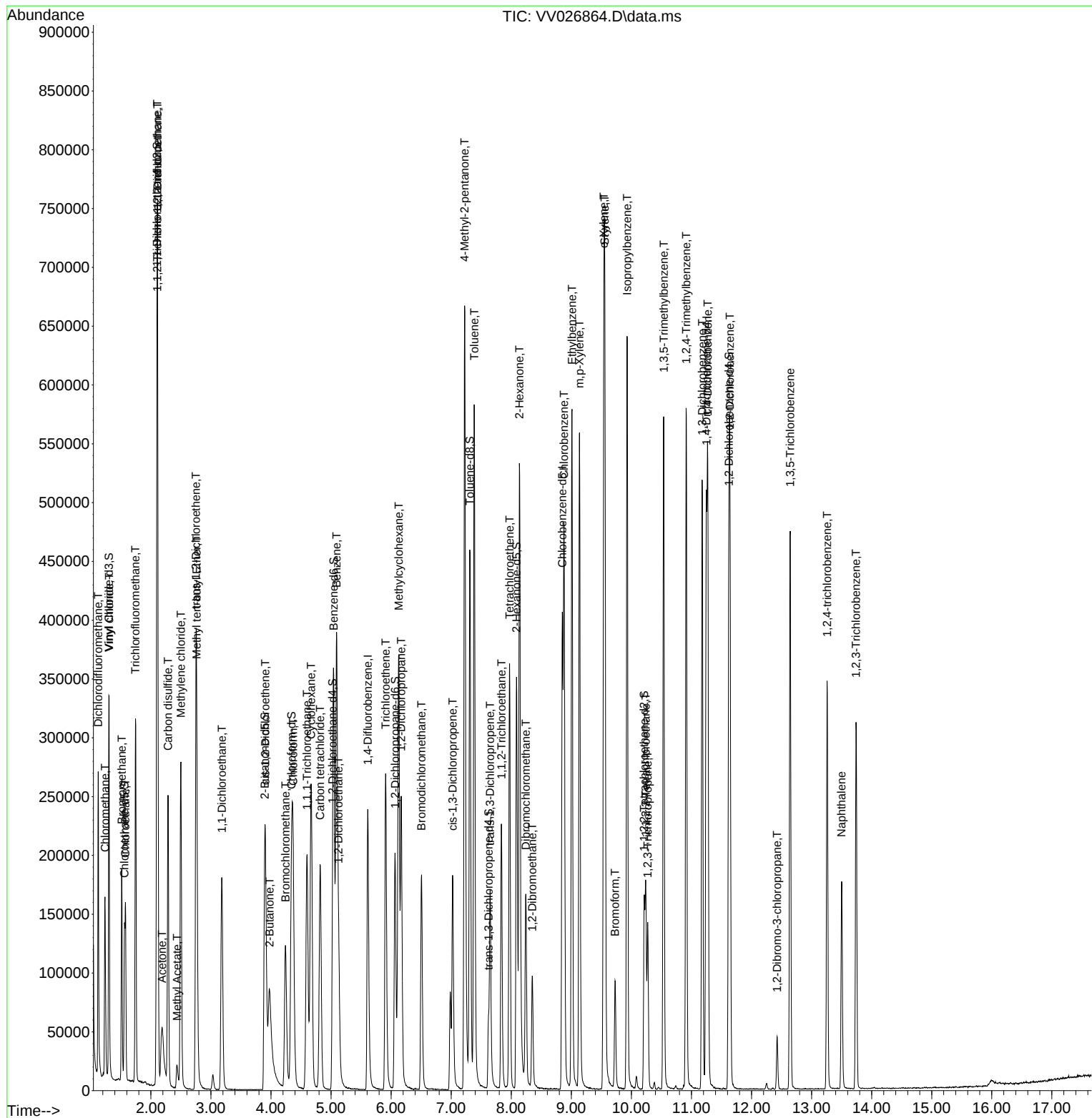
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	99430	5.535	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	167599	5.649	ug/L	98
30) Cyclohexane	4.667	56	126151	4.989	ug/L	99
31) Carbon tetrachloride	4.818	117	148084	5.651	ug/L	98
33) Benzene	5.091	78	410224	5.573	ug/L	100
34) Trichloroethene	5.908	95	101283	5.598	ug/L	99
35) Methylcyclohexane	6.127	83	143531	5.198	ug/L	99
37) 1,2-Dichloropropane	6.169	63	100470	5.708	ug/L	100
38) Bromodichloromethane	6.506	83	129953	5.663	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	120522	5.509	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	447218	55.003	ug/L	99
42) Toluene	7.384	91	436835	5.876	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	103224	5.747	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	73310	5.697	ug/L	96
47) Tetrachloroethene	7.972	164	82475	5.812	ug/L	97
48) 2-Hexanone	8.136	43	329541	56.000	ug/L	99
49) Dibromochloromethane	8.242	129	86621	5.841	ug/L	97
50) 1,2-Dibromoethane	8.349	107	65128	5.720	ug/L	93
51) Chlorobenzene	8.879	112	270442	5.754	ug/L	97
52) Ethylbenzene	9.011	91	404016	5.492	ug/L	99
53) m,p-Xylene	9.136	106	163489	5.714	ug/L	97
54) o-Xylene	9.541	106	149362	5.493	ug/L	100
55) Styrene	9.558	104	278256	5.840	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	84220	5.529	ug/L	97
59) Bromoform	9.728	173	41543	5.273	ug/L	99
60) Isopropylbenzene	9.931	105	401357	5.240	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	58721	5.185	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	301948	4.955	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	313951	5.074	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	211183	5.628	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	213660	5.600	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	189549	5.409	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	11274	4.696	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	144921	5.464	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	104167	5.164	ug/L	99
71) Naphthalene	13.500	128	147794	4.423	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	93831	4.999	ug/L	98

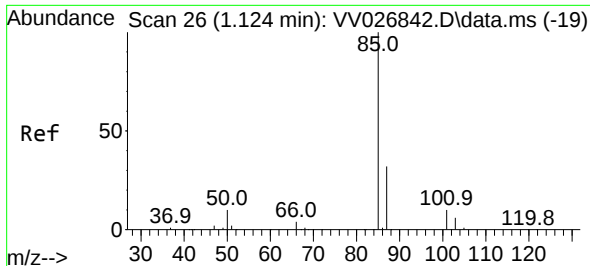
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 Data File : VV026864.D
 Acq On : 21 Jul 2022 10:02
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

Quant Time: Jul 22 05:49:44 2022
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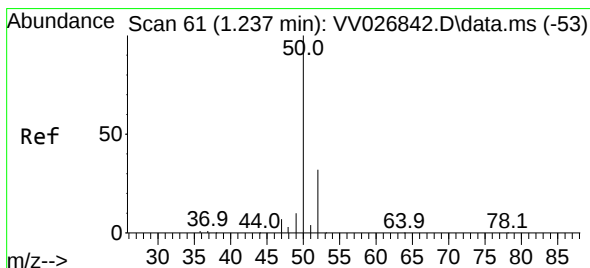
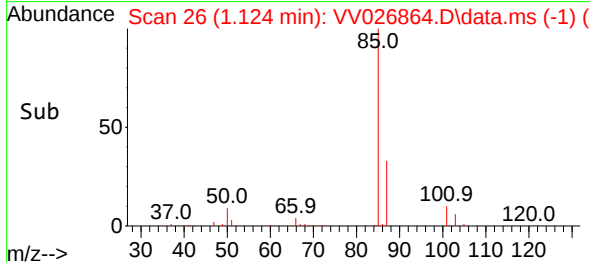
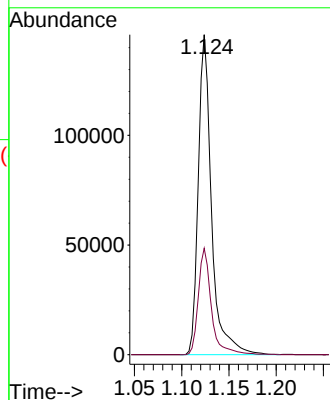
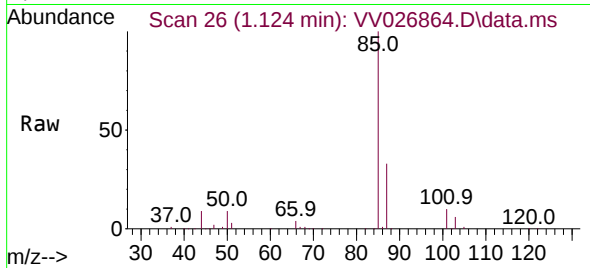




#2
 Dichlorodifluoromethane
 Concen: 5.182 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV026864.D
 Acq: 21 Jul 2022 10:02

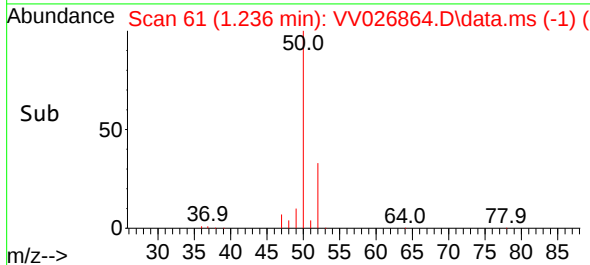
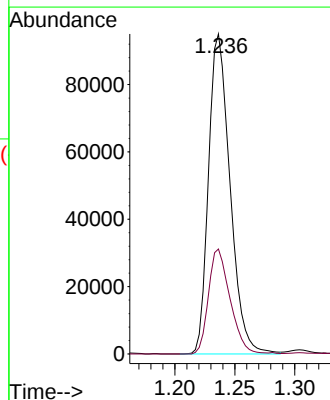
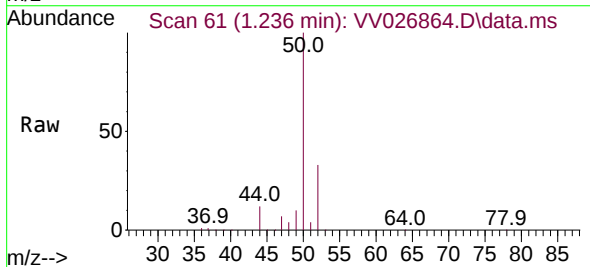
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

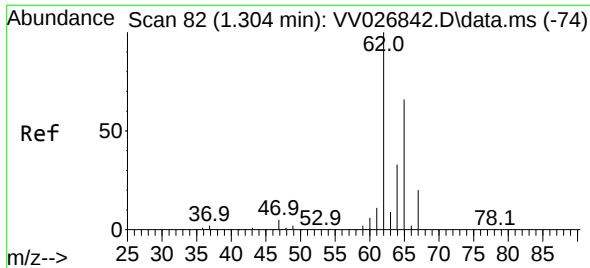
Tgt Ion: 85 Resp: 142493
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 4.498 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV026864.D
 Acq: 21 Jul 2022 10:02

Tgt Ion: 50 Resp: 118695
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.8 42.4

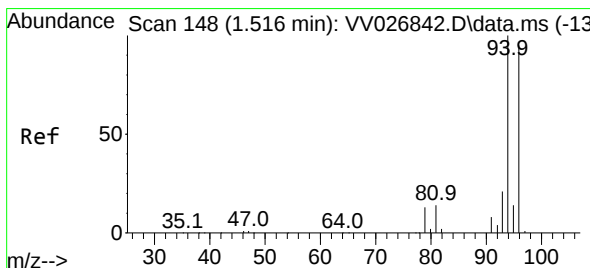
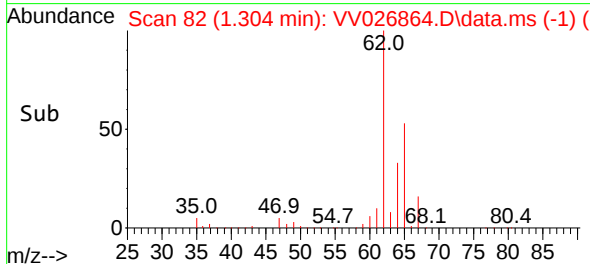
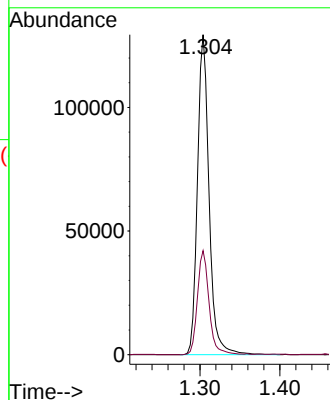
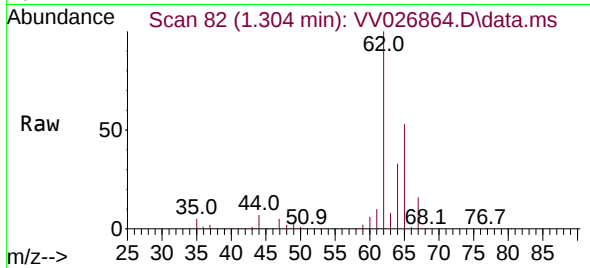




#5
 Vinyl chloride
 Concen: 4.864 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV026864.D
 Acq: 21 Jul 2022 10:02

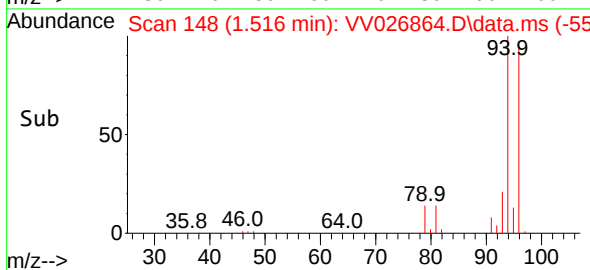
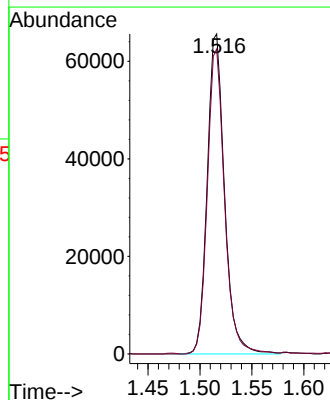
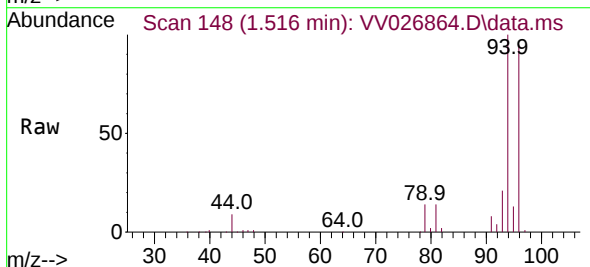
Instrument :
 MSVOA_V
 ClientSampleId :
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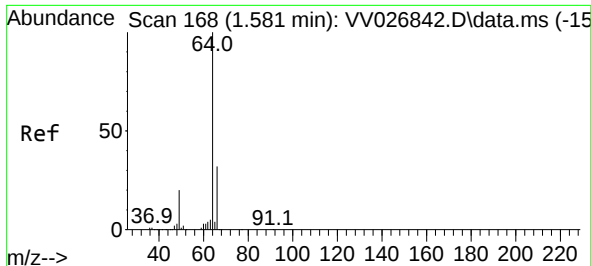
Tgt Ion: 62 Resp: 130691
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 4.714 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV026864.D
 Acq: 21 Jul 2022 10:02

Tgt Ion: 94 Resp: 75812
 Ion Ratio Lower Upper
 94 100
 96 95.3 67.1 124.7

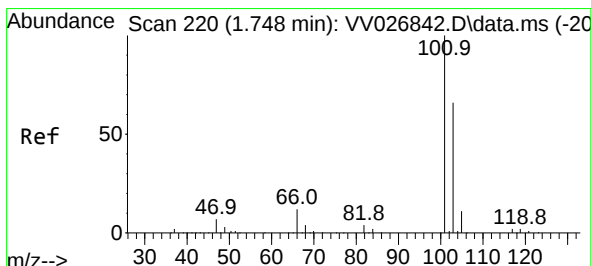
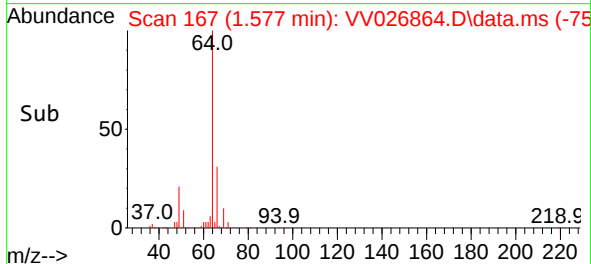
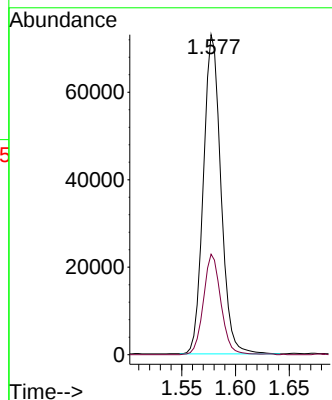
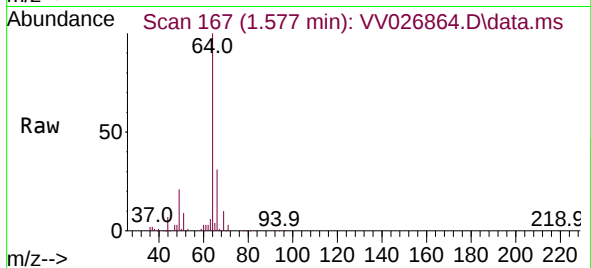




#8
Chloroethane
Concen: 5.234 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

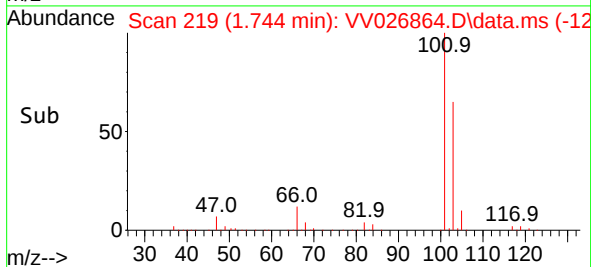
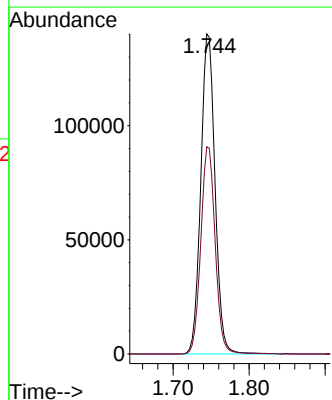
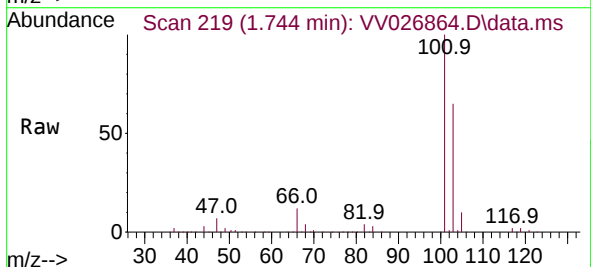
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

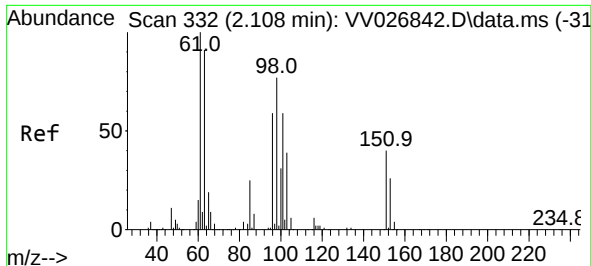
Tgt Ion: 64 Resp: 82850
Ion Ratio Lower Upper
64 100
66 31.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.349 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Tgt Ion:101 Resp: 182636
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4





#10

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

Concen: 5.460 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

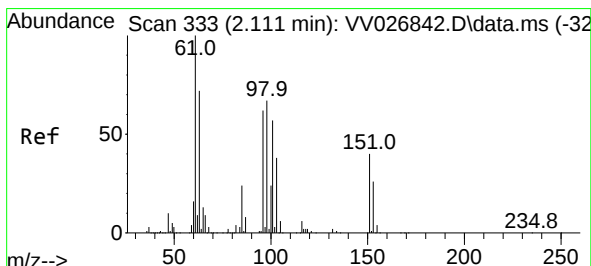
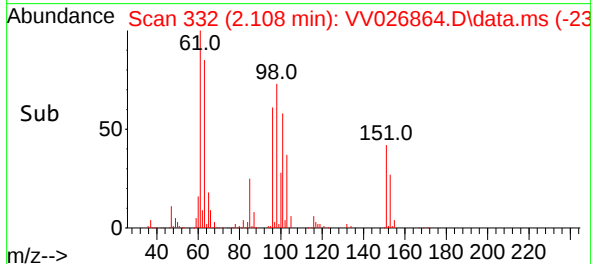
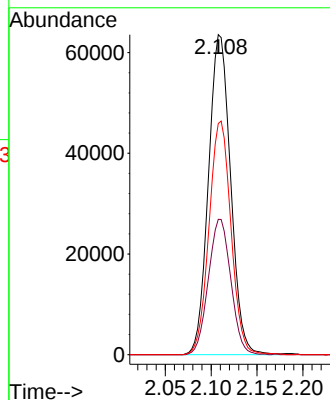
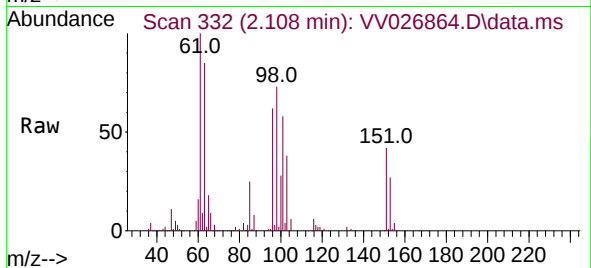
Tgt Ion:101 Resp: 106801

Ion Ratio Lower Upper

101 100

85 42.9 35.0 52.4

151 72.4 56.7 85.1



#12

1,1-Dichloroethene

Concen: 5.158 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

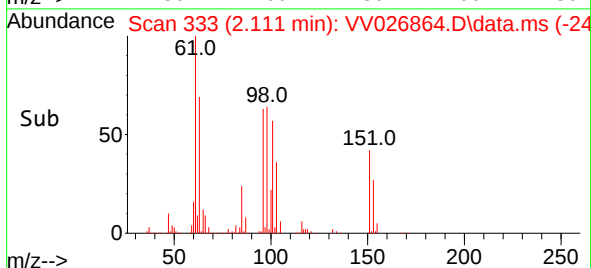
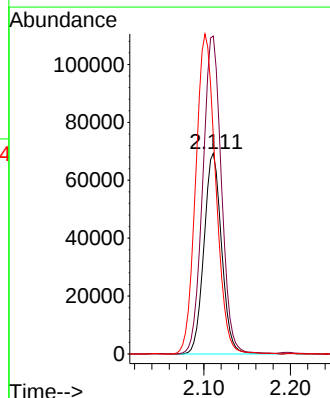
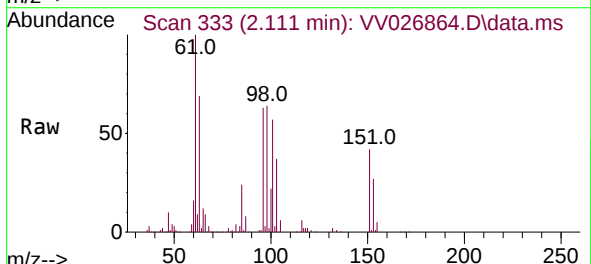
Tgt Ion: 96 Resp: 97832

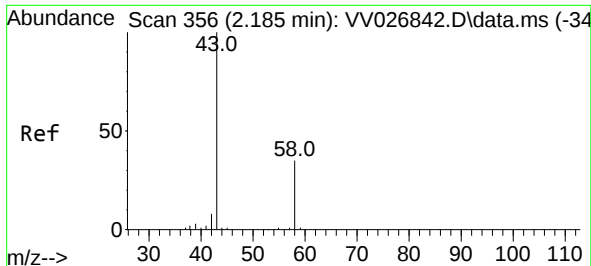
Ion Ratio Lower Upper

96 100

61 158.5 118.3 219.7

63 108.7 79.9 148.3





#13

Acetone

Concen: 47.255 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

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MSVOA_V

ClientSampleId :

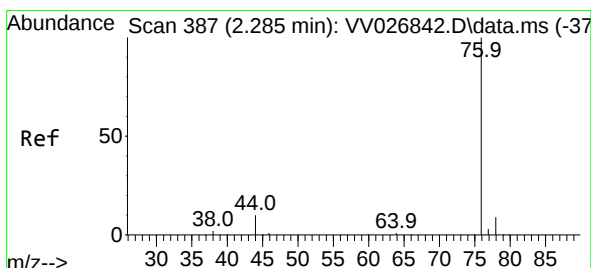
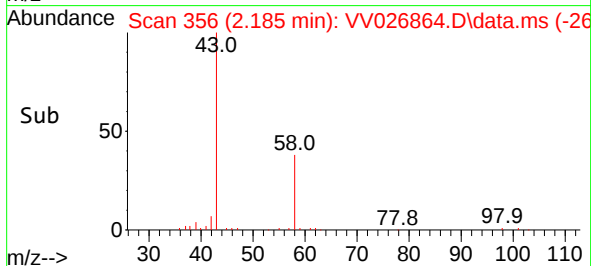
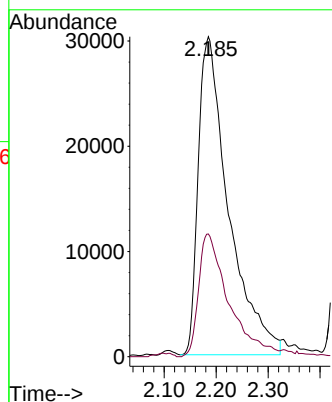
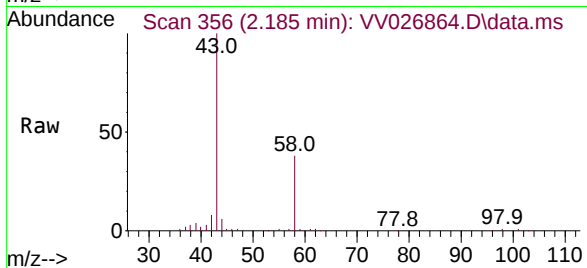
VSTD005363

Tgt Ion: 43 Resp: 122447

Ion Ratio Lower Upper

43 100

58 38.3 0.0 20.6#



#14

Carbon disulfide

Concen: 5.047 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV026864.D

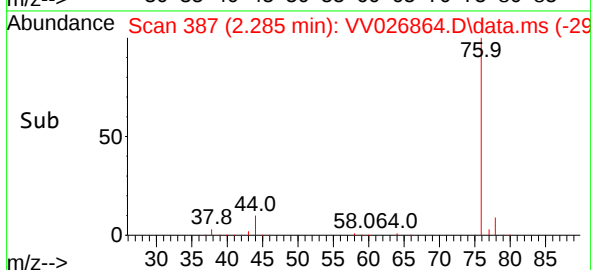
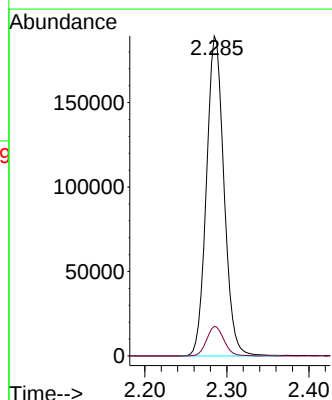
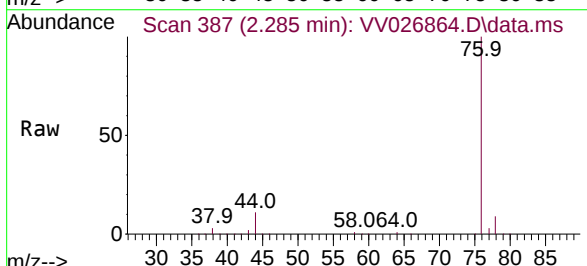
Acq: 21 Jul 2022 10:02

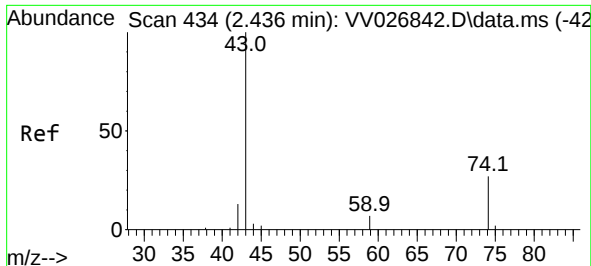
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Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

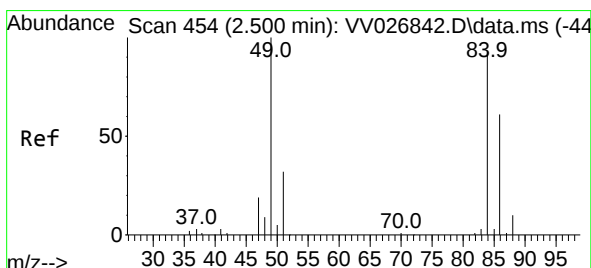
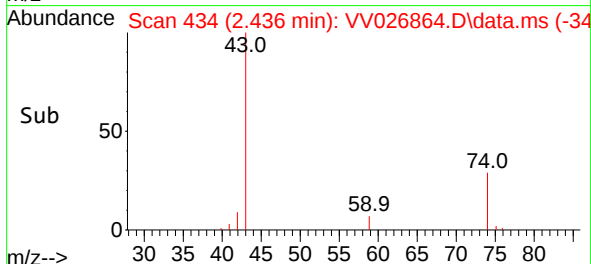
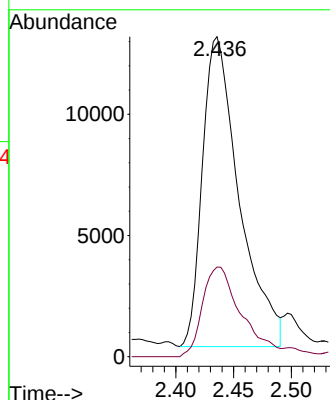
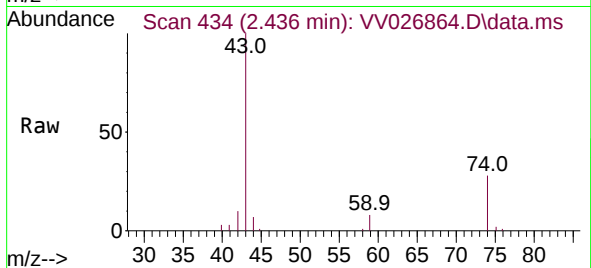




#15
Methyl Acetate
Concen: 5.413 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

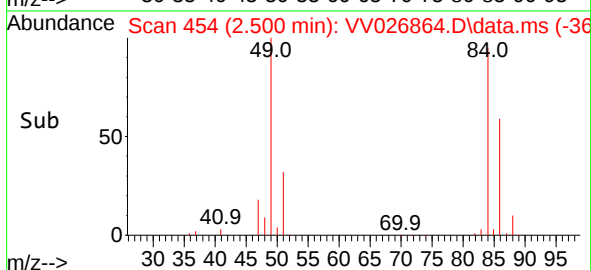
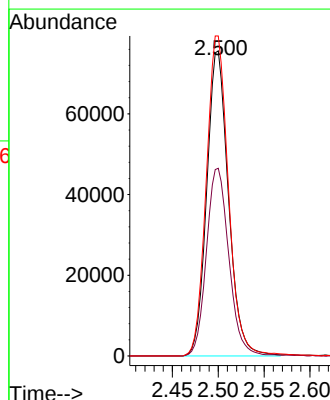
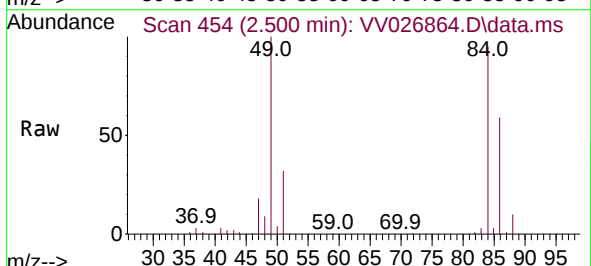
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

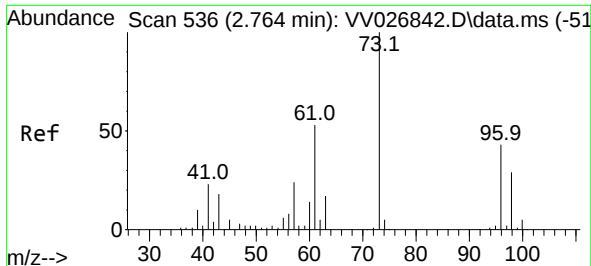
Tgt Ion: 43 Resp: 28369
Ion Ratio Lower Upper
43 100
74 30.6 20.1 30.1#



#16
Methylene chloride
Concen: 5.511 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Tgt Ion: 84 Resp: 124486
Ion Ratio Lower Upper
84 100
86 61.5 44.8 83.2
49 104.9 78.7 146.1

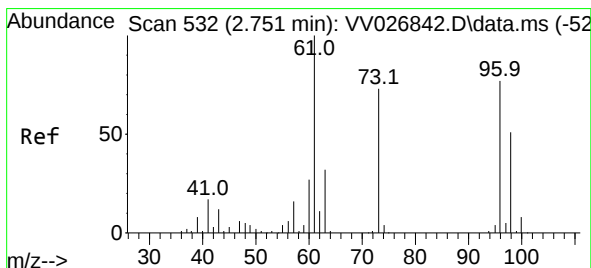
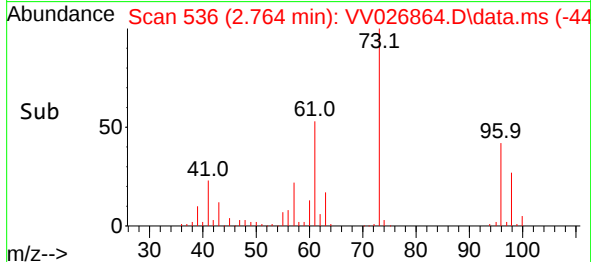
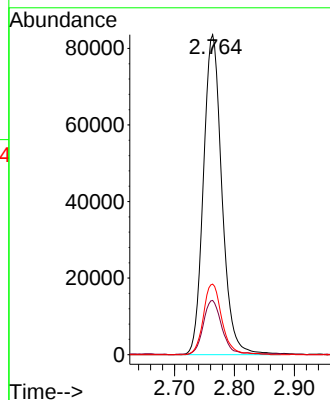
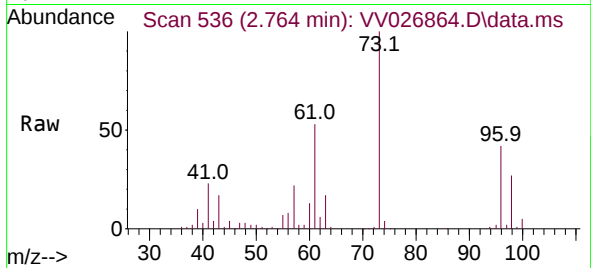




#17
Methyl tert-butyl Ether
Concen: 5.506 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

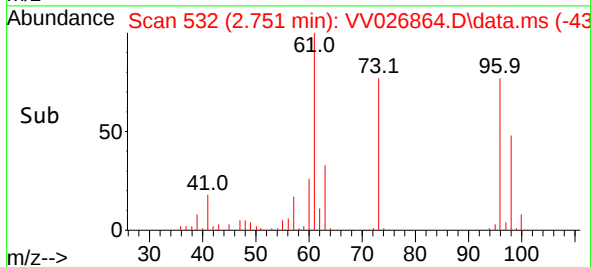
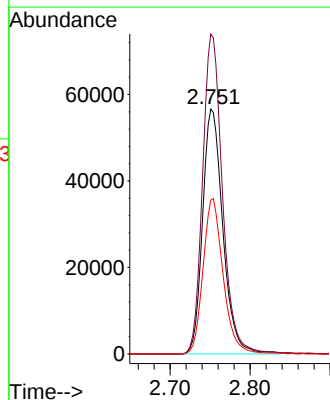
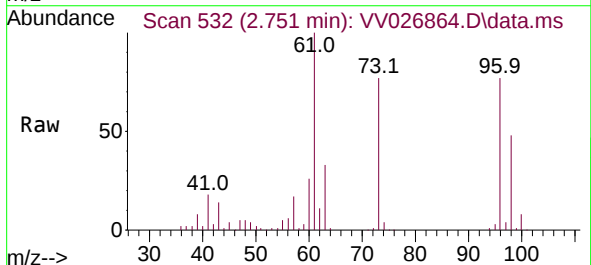
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

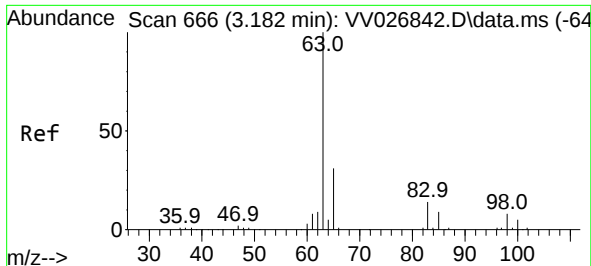
Tgt Ion: 73 Resp: 179888
Ion Ratio Lower Upper
73 100
43 16.5 14.0 21.0
57 22.0 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.749 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Tgt Ion: 96 Resp: 100215
Ion Ratio Lower Upper
96 100
61 130.7 94.7 175.9
98 62.9 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.871 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

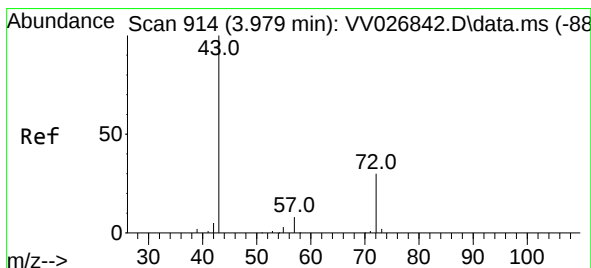
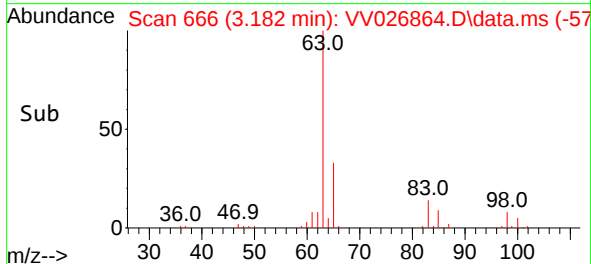
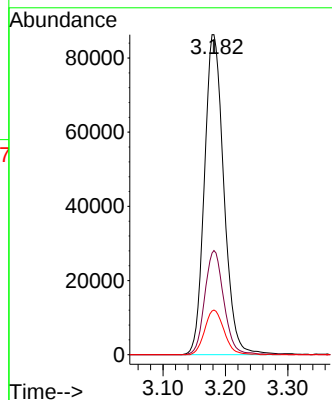
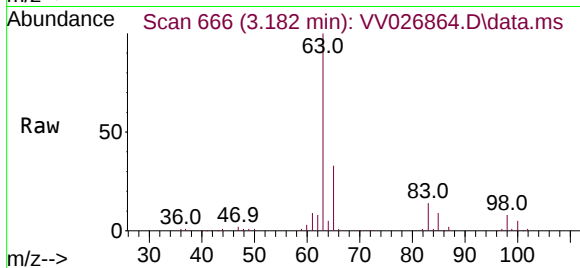
Tgt Ion: 63 Resp: 186870

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.3

83 13.9 9.9 18.5



#21

2-Butanone

Concen: 59.491 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.000 min

Lab File: VV026864.D

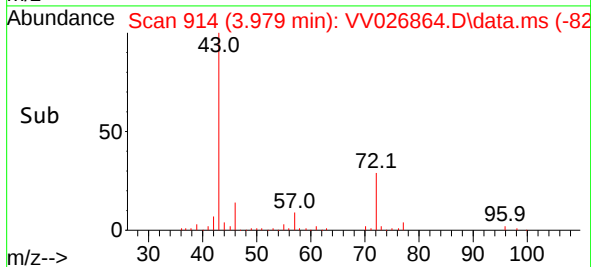
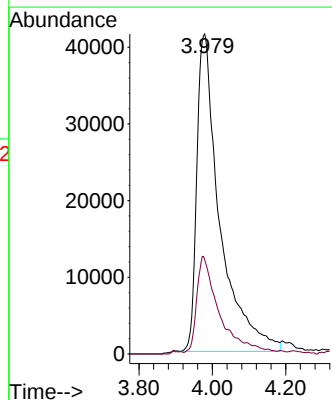
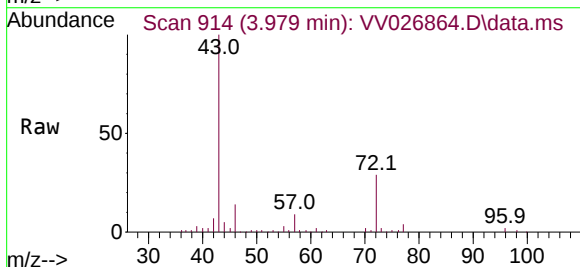
Acq: 21 Jul 2022 10:02

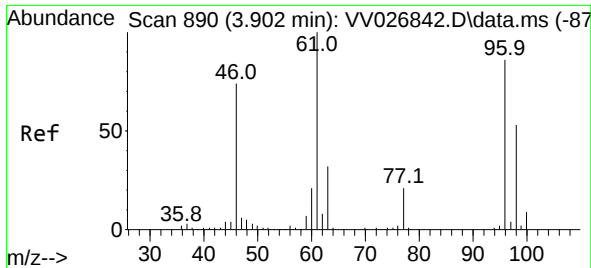
Tgt Ion: 43 Resp: 179778

Ion Ratio Lower Upper

43 100

72 27.2 13.9 41.7

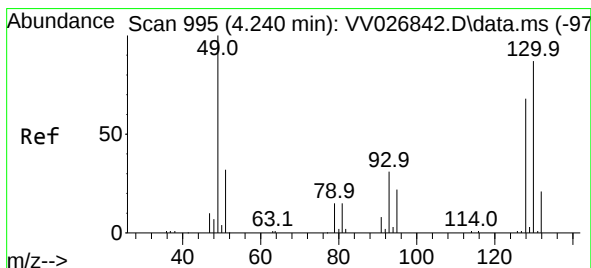
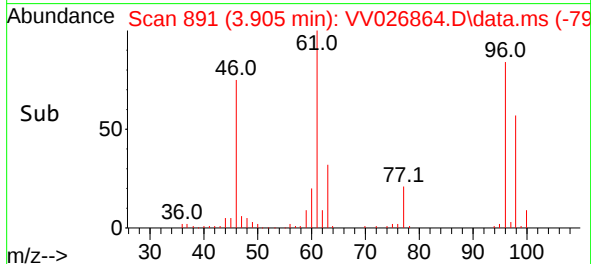
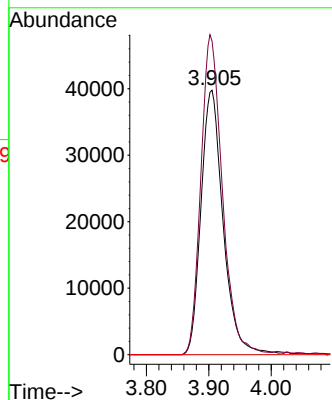
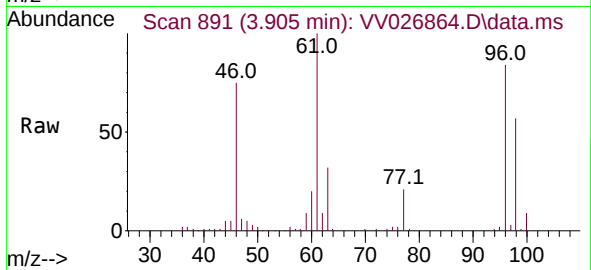




#22
 cis-1,2-Dichloroethene
 Concen: 5.576 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026864.D
 Acq: 21 Jul 2022 10:02

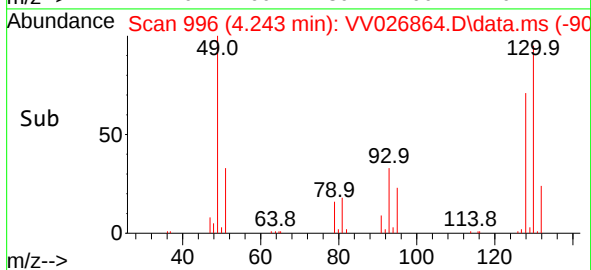
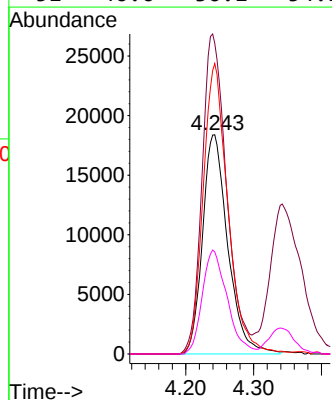
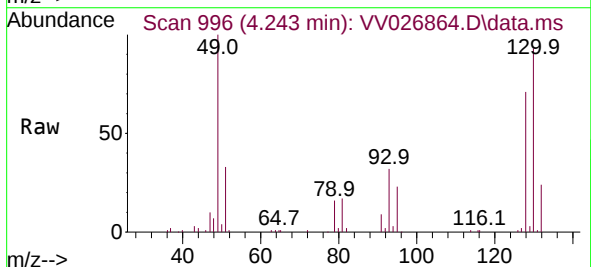
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

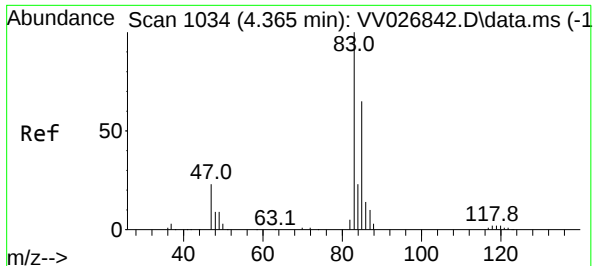
Tgt Ion: 96 Resp: 98040
 Ion Ratio Lower Upper
 96 100
 61 118.6 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.865 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV026864.D
 Acq: 21 Jul 2022 10:02

Tgt Ion: 128 Resp: 47501
 Ion Ratio Lower Upper
 128 100
 49 141.7 107.2 199.2
 130 132.4 87.1 161.7
 51 46.6 36.1 54.1





#25

Chloroform

Concen: 5.892 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

Instrument :

MSVOA_V

ClientSampleId :

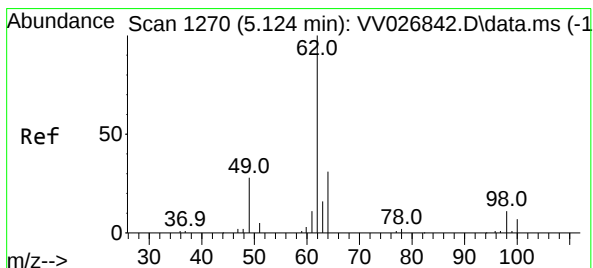
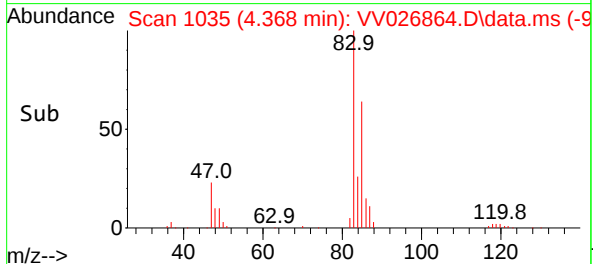
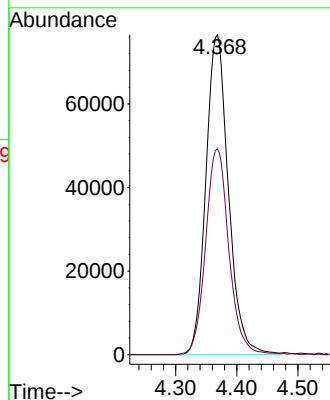
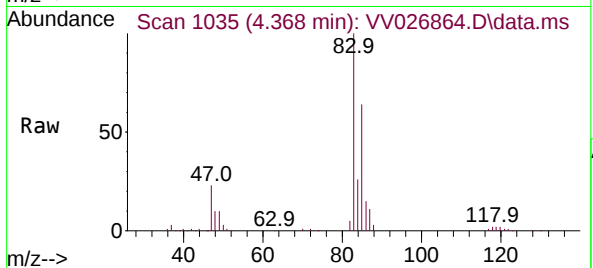
VSTD005363

Tgt Ion: 83 Resp: 196421

Ion Ratio Lower Upper

83 100

85 64.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.535 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV026864.D

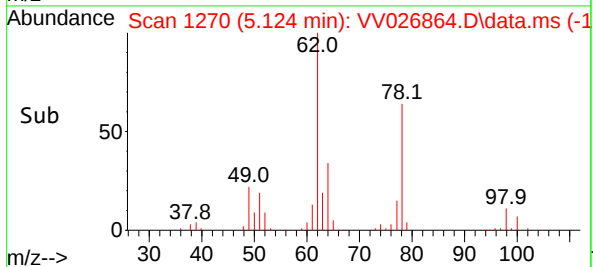
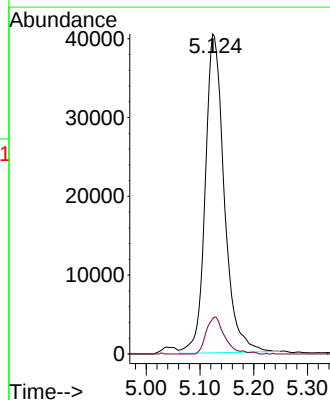
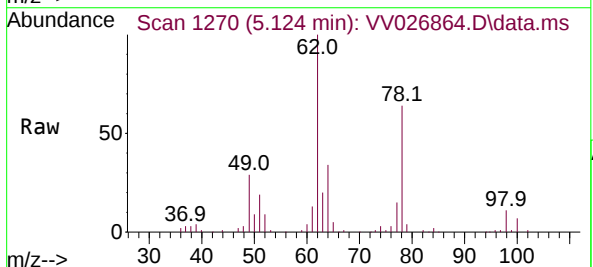
Acq: 21 Jul 2022 10:02

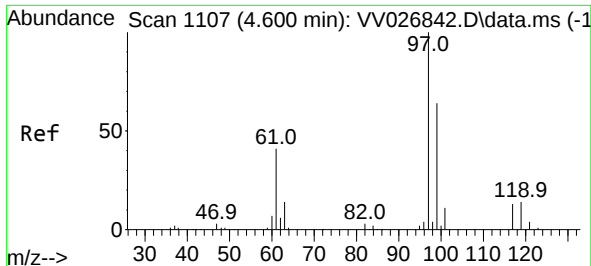
Tgt Ion: 62 Resp: 99430

Ion Ratio Lower Upper

62 100

98 11.0 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.649 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

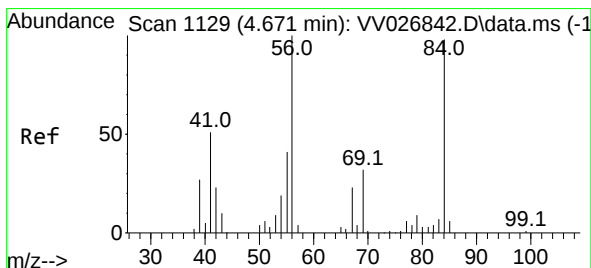
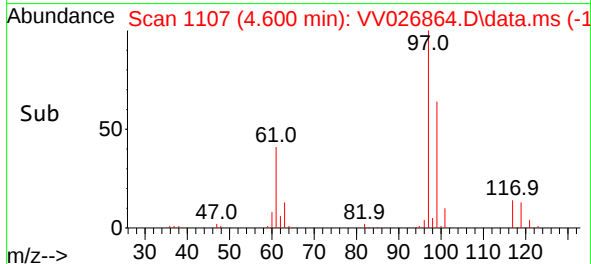
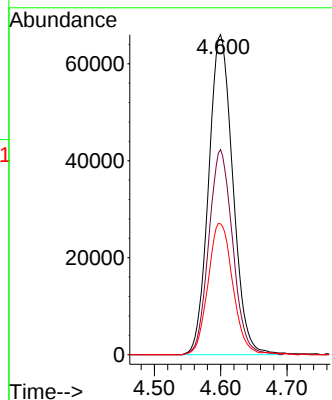
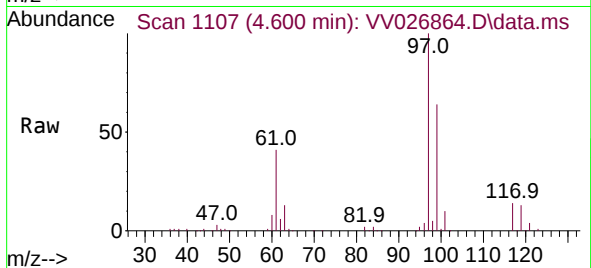
Tgt Ion: 97 Resp: 167599

Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 41.7 35.1 52.7



#30

Cyclohexane

Concen: 4.989 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

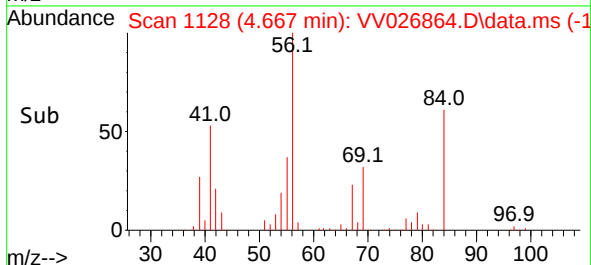
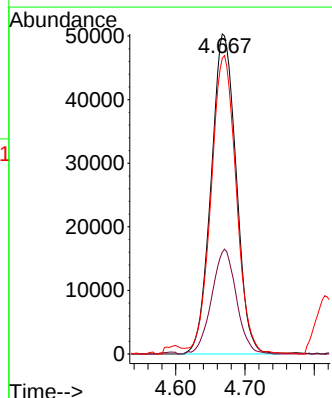
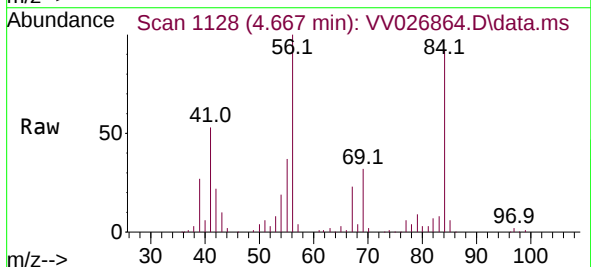
Tgt Ion: 56 Resp: 126151

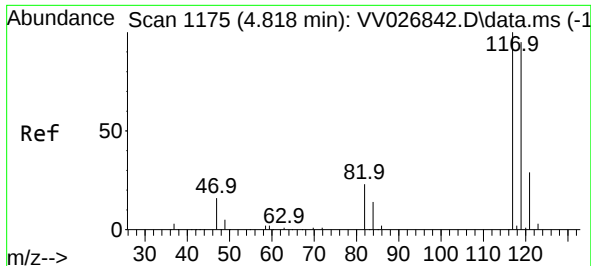
Ion Ratio Lower Upper

56 100

69 32.4 25.1 37.7

84 92.3 74.0 111.0

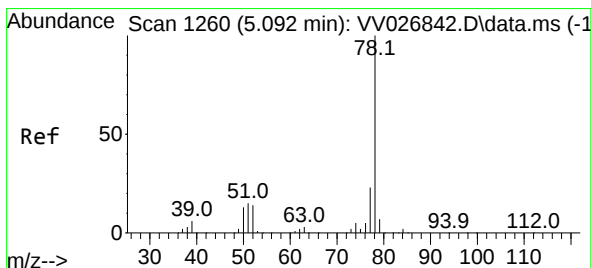
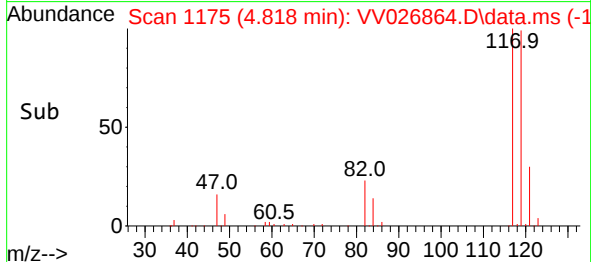
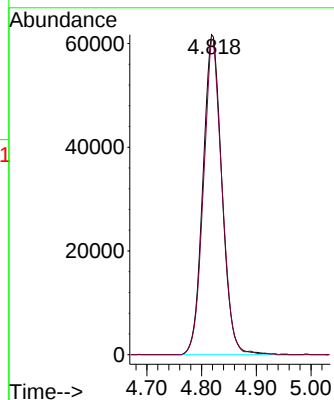
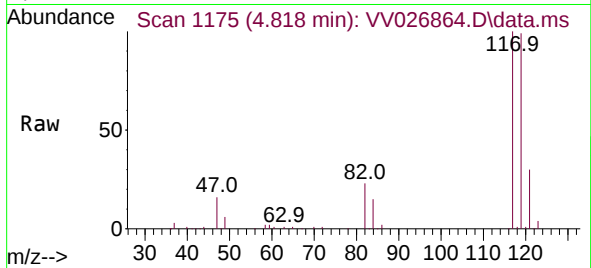




#31
Carbon tetrachloride
Concen: 5.651 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

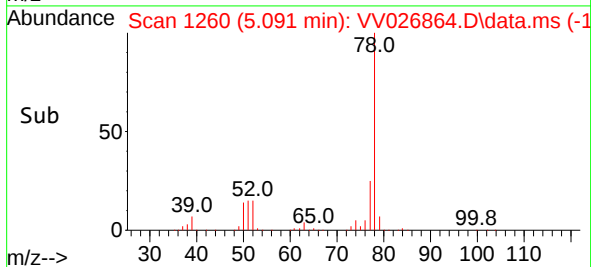
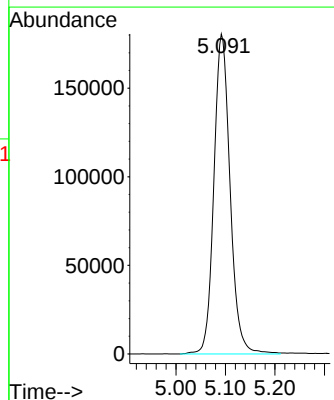
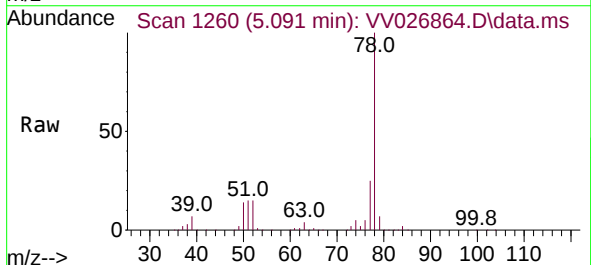
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

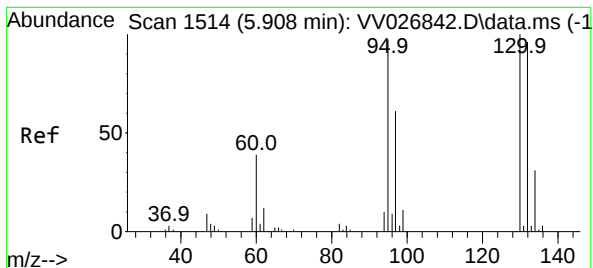
Tgt Ion:117 Resp: 148084
Ion Ratio Lower Upper
117 100
119 95.9 75.1 112.7



#33
Benzene
Concen: 5.573 ug/L
RT: 5.091 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Tgt Ion: 78 Resp: 410224





#34

Trichloroethene

Concen: 5.598 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

Tgt Ion: 95 Resp: 101283

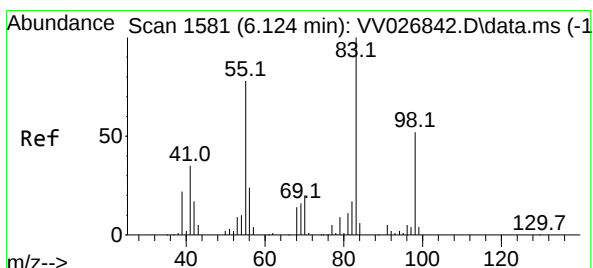
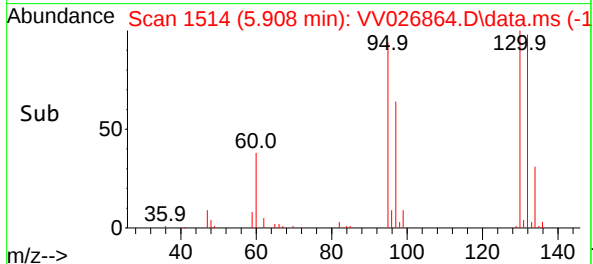
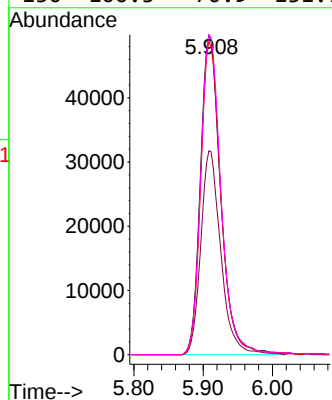
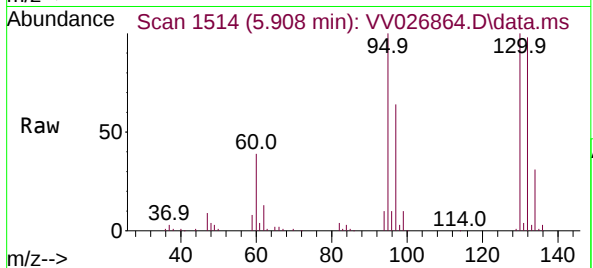
Ion Ratio Lower Upper

95 100

97 63.9 44.6 82.8

132 98.1 70.2 130.4

130 100.3 70.9 131.7



#35

Methylcyclohexane

Concen: 5.198 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

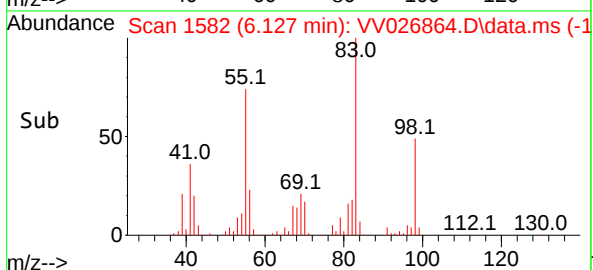
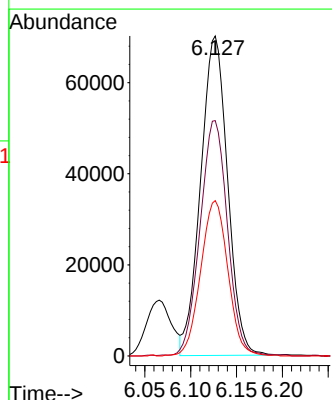
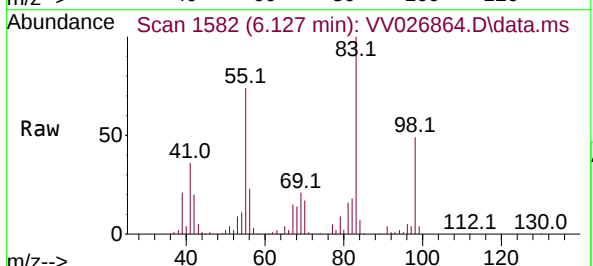
Tgt Ion: 83 Resp: 143531

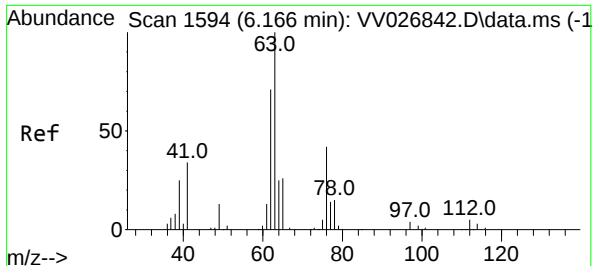
Ion Ratio Lower Upper

83 100

55 75.2 59.5 89.3

98 49.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.708 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

Instrument :

MSVOA_V

ClientSampleId :

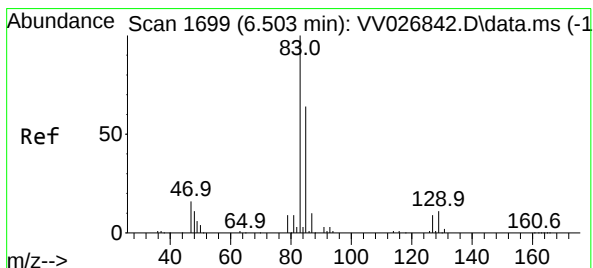
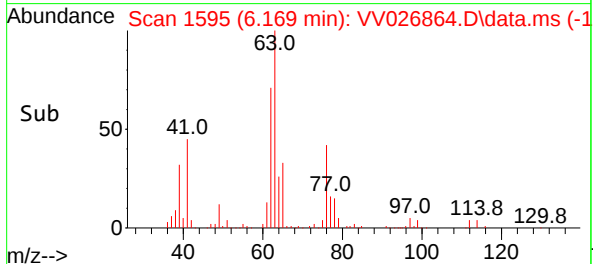
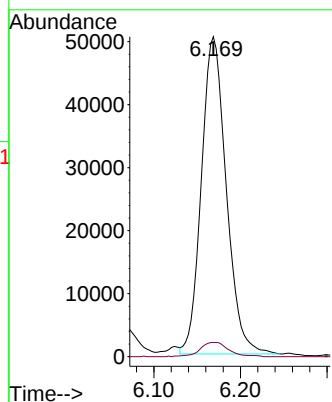
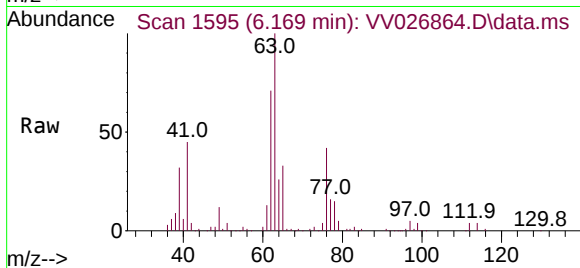
VSTD005363

Tgt Ion: 63 Resp: 100470

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 5.663 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

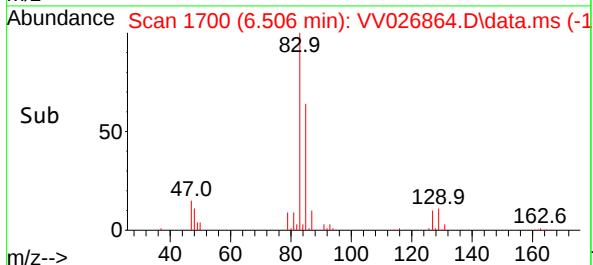
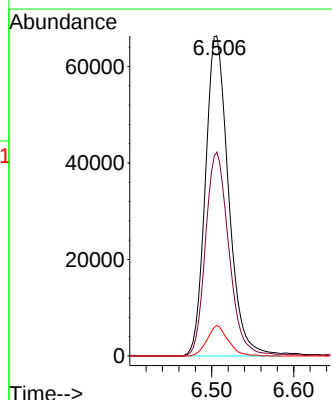
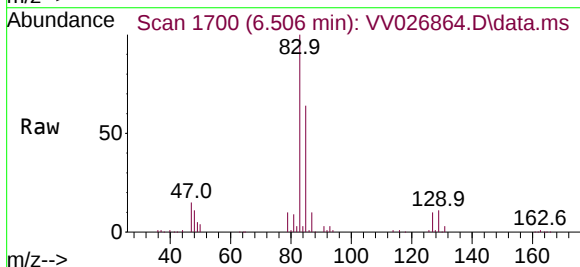
Tgt Ion: 83 Resp: 129953

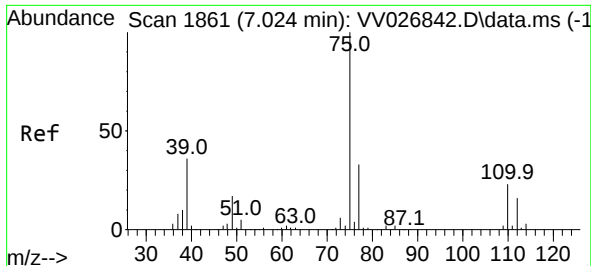
Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.4

127 9.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.509 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

Instrument :

MSVOA_V

ClientSampleId :

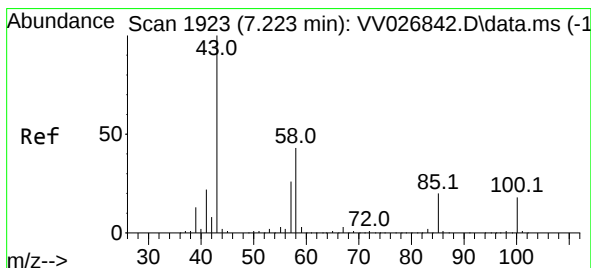
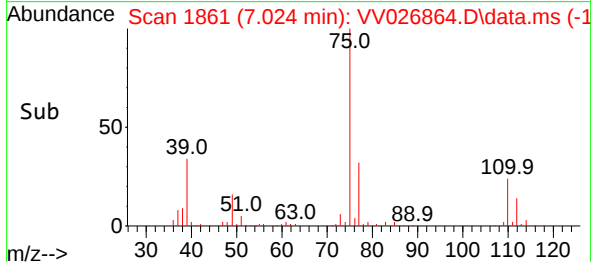
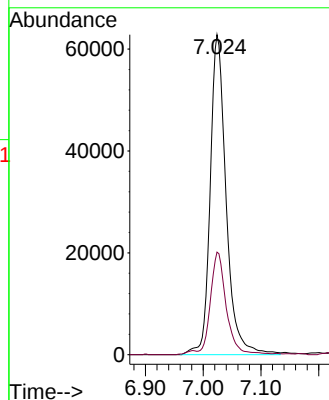
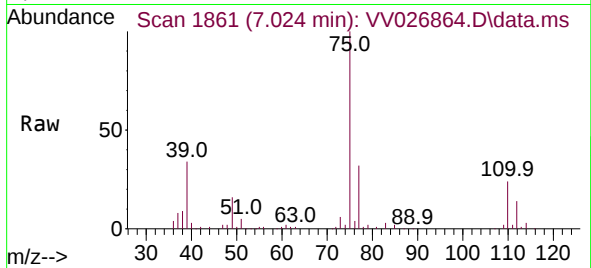
VSTD005363

Tgt Ion: 75 Resp: 120522

Ion Ratio Lower Upper

75 100

77 32.0 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 55.003 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

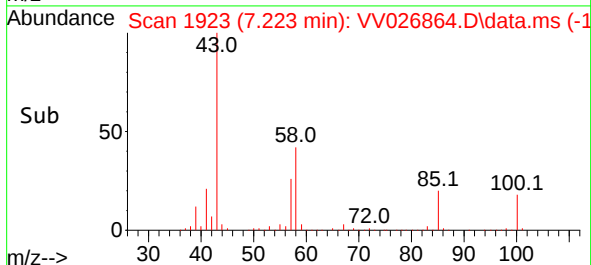
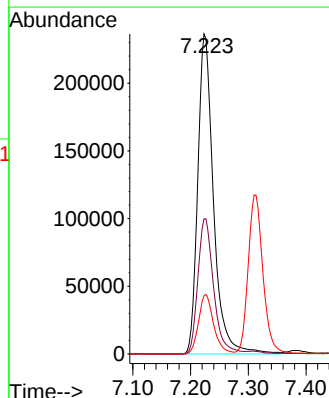
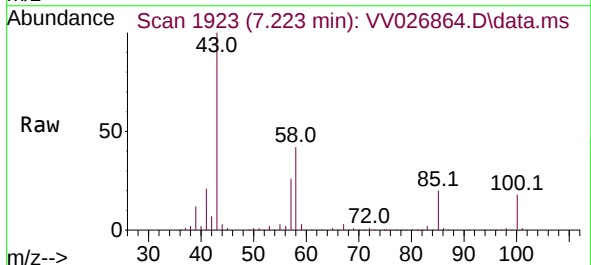
Tgt Ion: 43 Resp: 447218

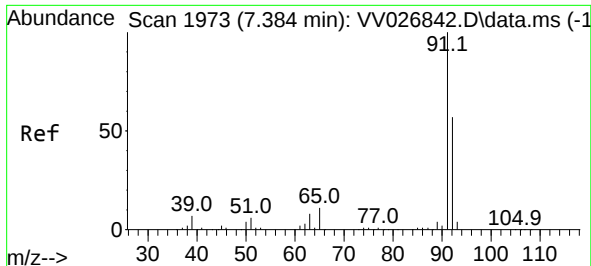
Ion Ratio Lower Upper

43 100

58 42.4 34.6 51.8

100 17.7 13.6 20.4





#42

Toluene

Concen: 5.876 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

Instrument :

MSVOA_V

ClientSampleId :

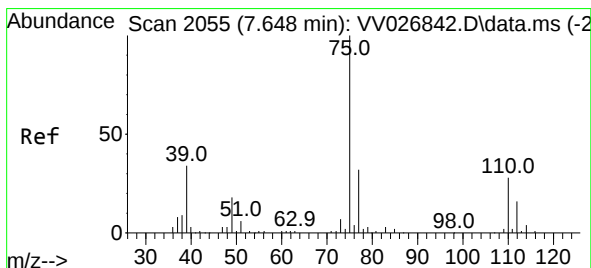
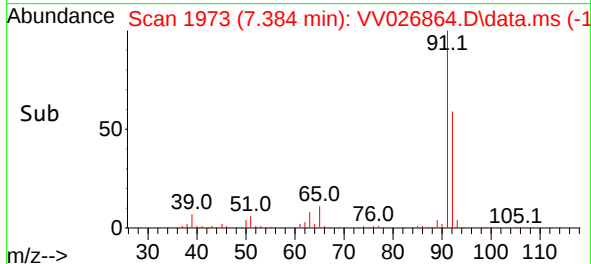
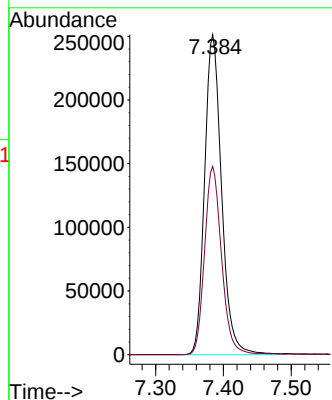
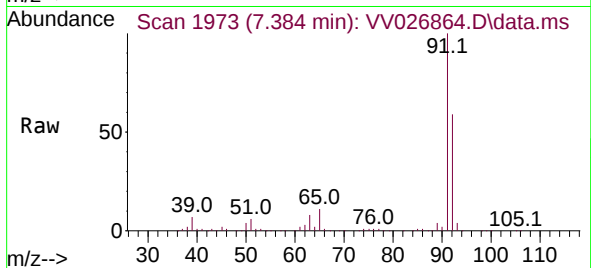
VSTD005363

Tgt Ion: 91 Resp: 436835

Ion Ratio Lower Upper

91 100

92 58.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.747 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV026864.D

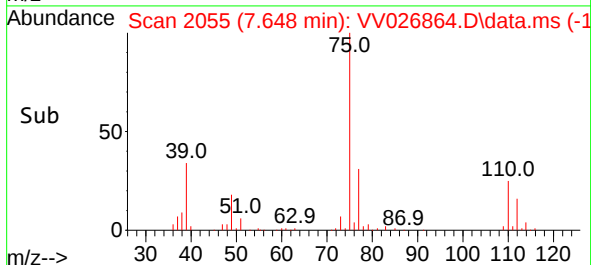
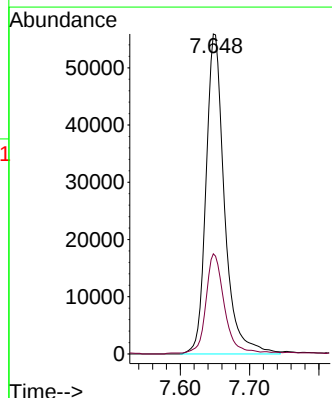
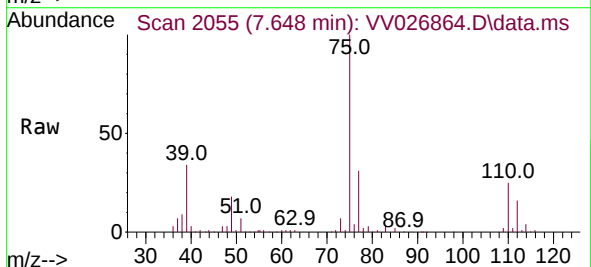
Acq: 21 Jul 2022 10:02

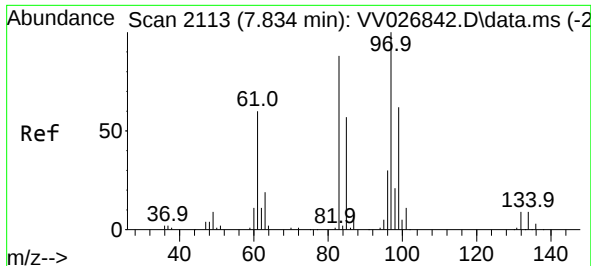
Tgt Ion: 75 Resp: 103224

Ion Ratio Lower Upper

75 100

77 31.3 22.7 42.3

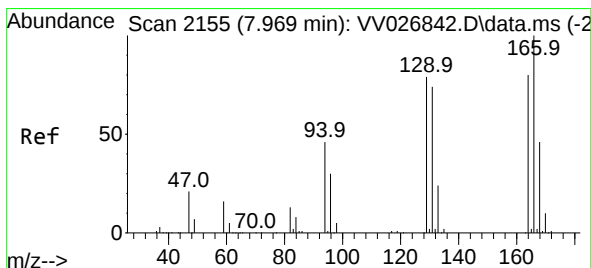
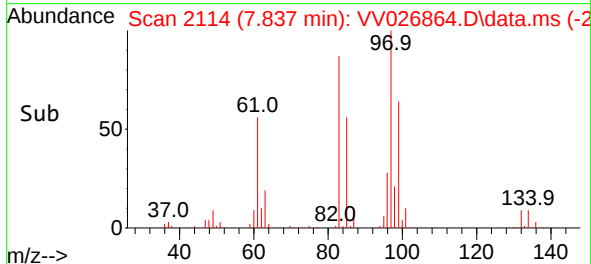
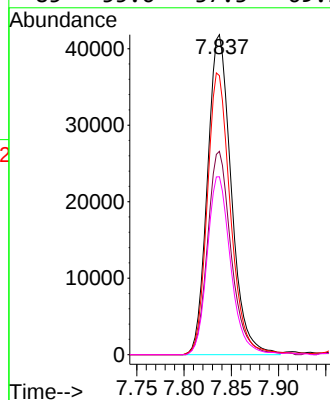
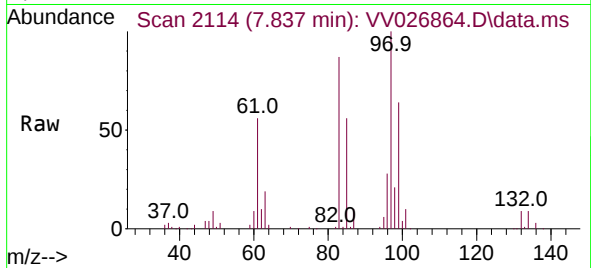




#45
1,1,2-Trichloroethane
Concen: 5.697 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

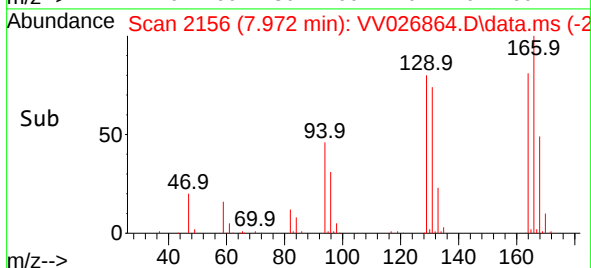
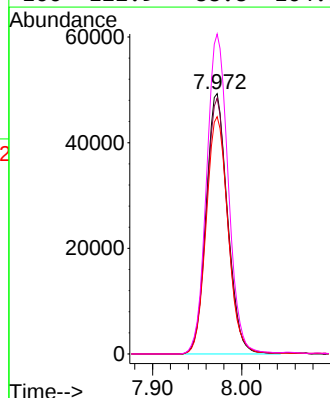
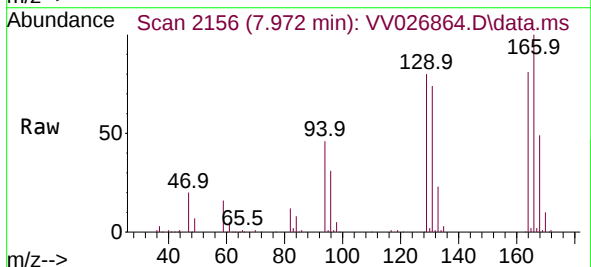
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

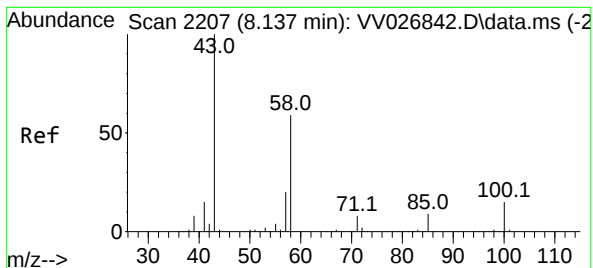
Tgt Ion:	97	Resp:	73310
Ion	Ratio	Lower	Upper
97	100		
99	63.5	41.9	77.9
83	87.2	58.1	107.9
85	55.6	37.3	69.3



#47
Tetrachloroethene
Concen: 5.812 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Tgt Ion:	164	Resp:	82475
Ion	Ratio	Lower	Upper
164	100		
129	98.3	67.8	125.8
131	91.2	65.9	122.5
166	122.9	88.8	164.8





#48

2-Hexanone

Concen: 56.000 ug/L

RT: 8.136 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

Tgt Ion: 43 Resp: 329541

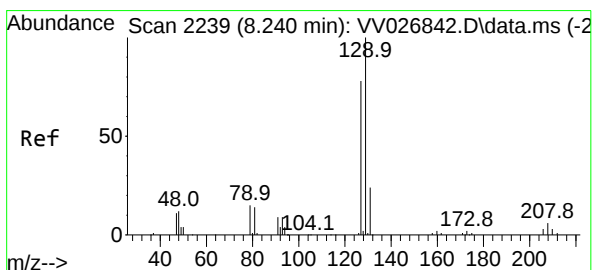
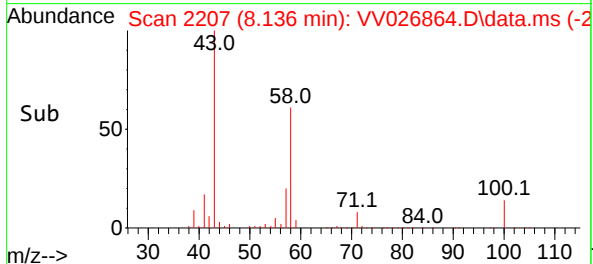
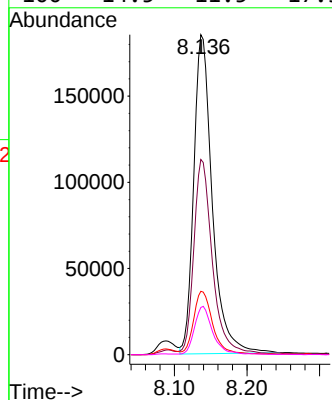
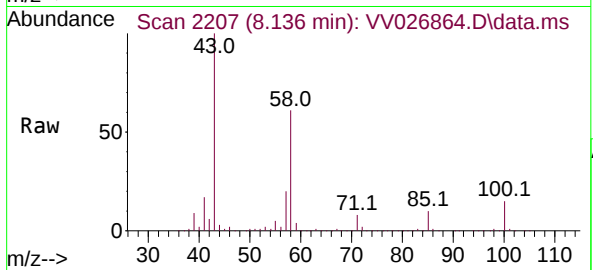
Ion Ratio Lower Upper

43 100

58 60.5 47.9 71.9

57 19.9 16.3 24.5

100 14.5 11.5 17.3



#49

Dibromochloromethane

Concen: 5.841 ug/L

RT: 8.242 min Scan# 2240

Delta R.T. 0.003 min

Lab File: VV026864.D

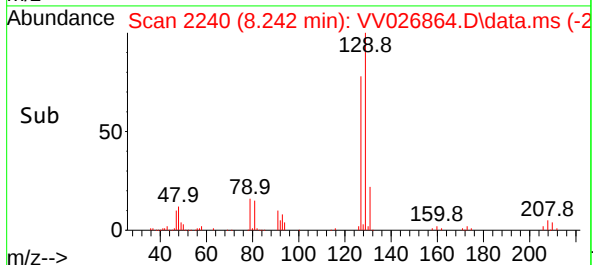
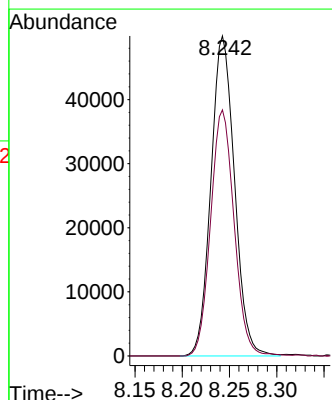
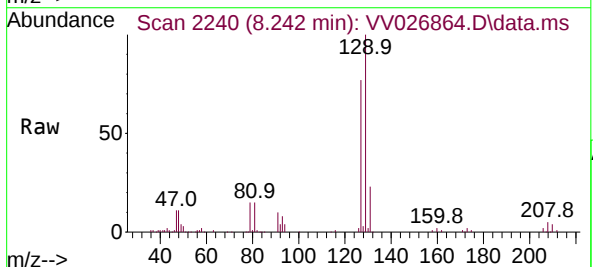
Acq: 21 Jul 2022 10:02

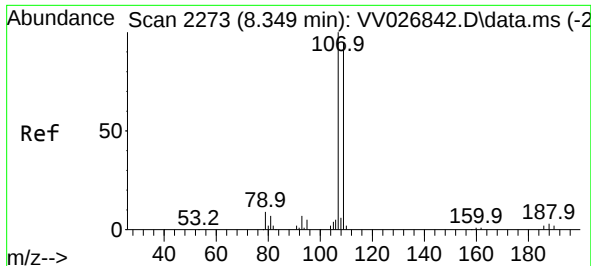
Tgt Ion: 129 Resp: 86621

Ion Ratio Lower Upper

129 100

127 76.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.720 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

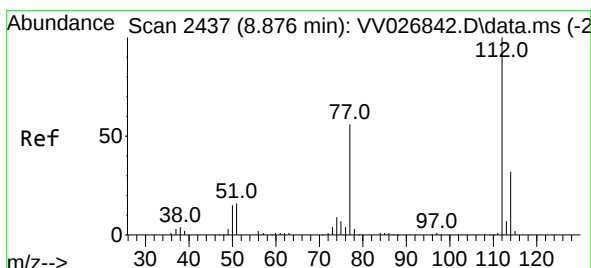
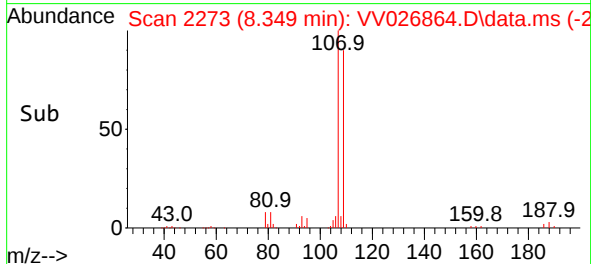
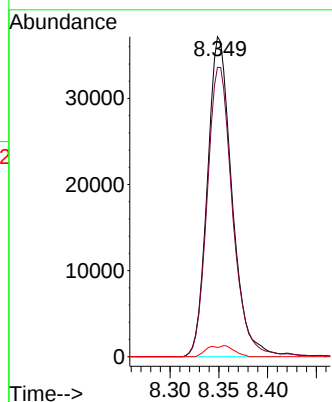
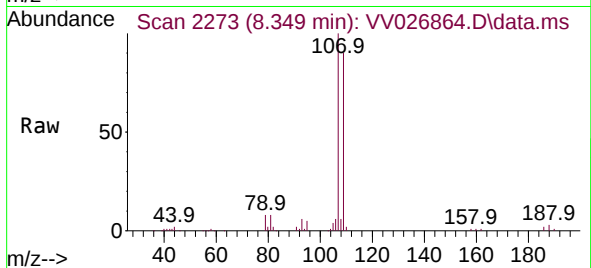
Tgt Ion:107 Resp: 65128

Ion Ratio Lower Upper

107 100

109 90.4 68.0 126.4

188 2.9 2.8 4.2



#51

Chlorobenzene

Concen: 5.754 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

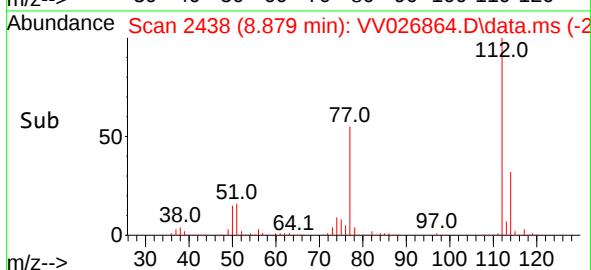
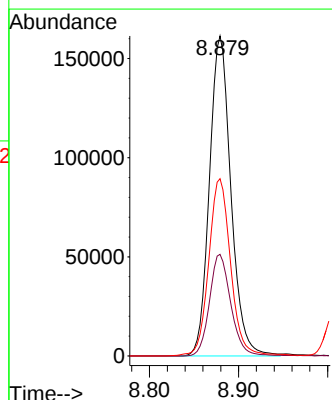
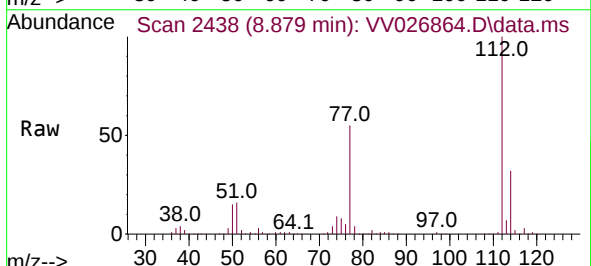
Tgt Ion:112 Resp: 270442

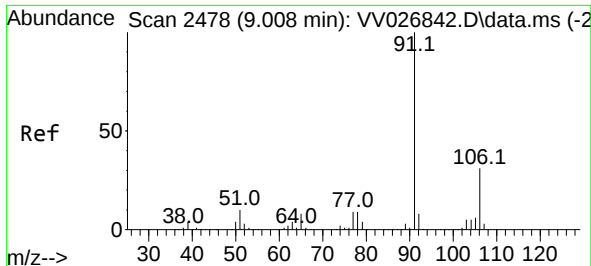
Ion Ratio Lower Upper

112 100

114 31.7 22.7 42.1

77 55.4 46.6 70.0

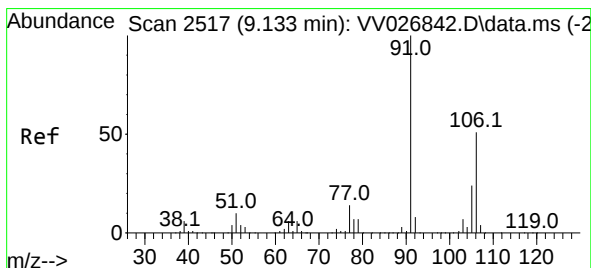
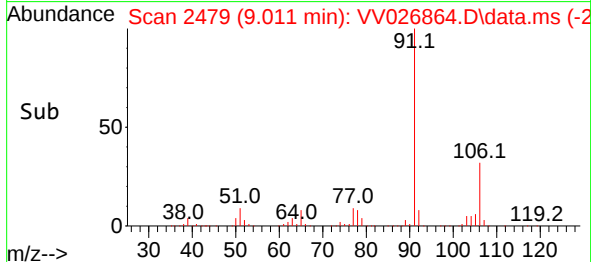
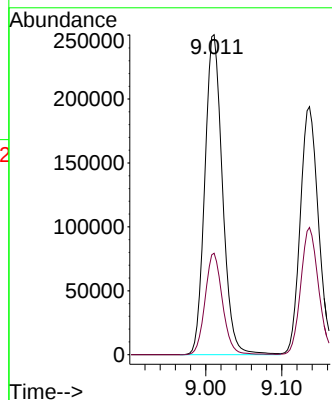
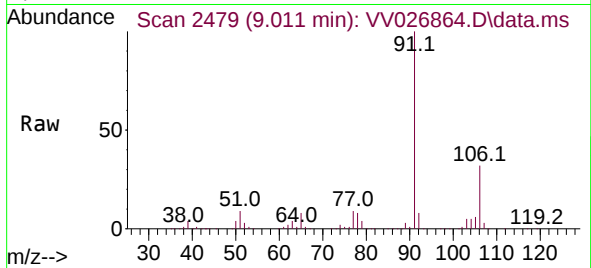




#52
Ethylbenzene
Concen: 5.492 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

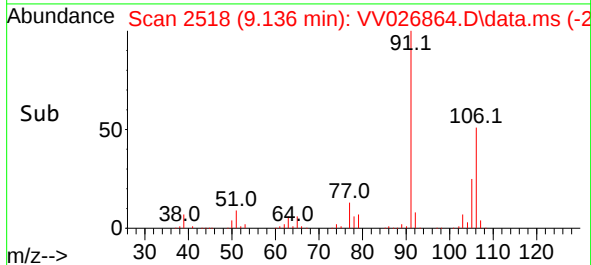
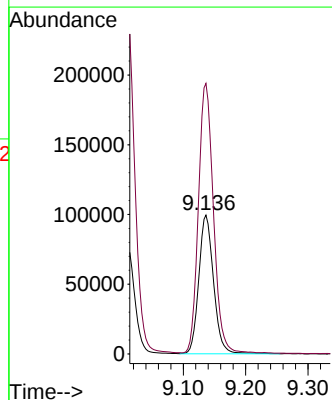
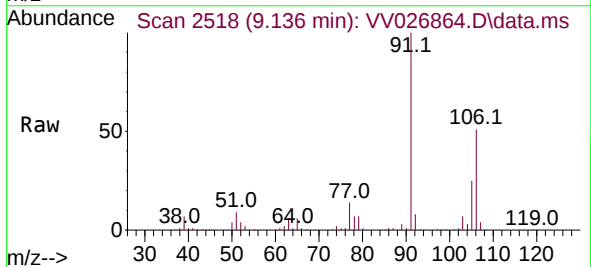
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

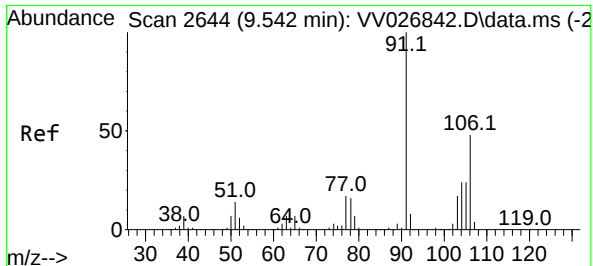
Tgt Ion: 91 Resp: 404016
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.2



#53
m,p-Xylene
Concen: 5.714 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Tgt Ion: 106 Resp: 163489
Ion Ratio Lower Upper
106 100
91 194.9 139.3 258.7

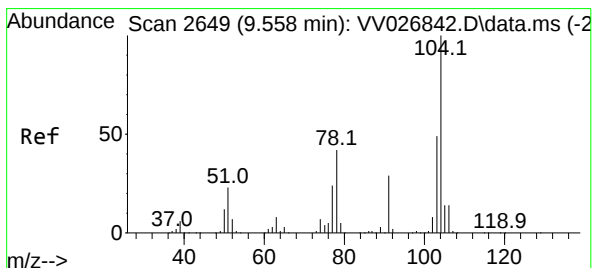
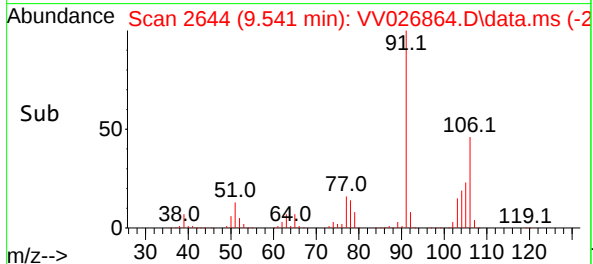
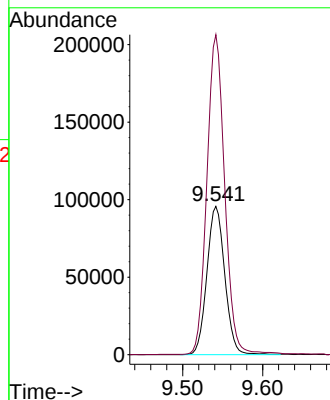
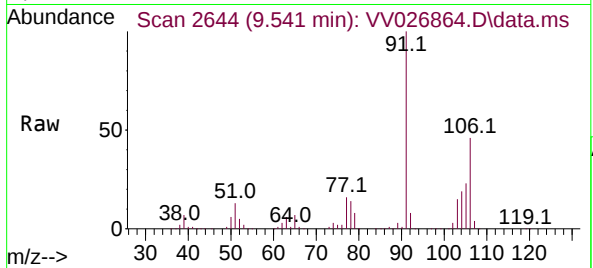




#54
o-Xylene
Concen: 5.493 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

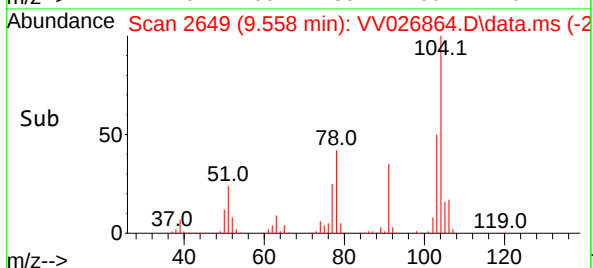
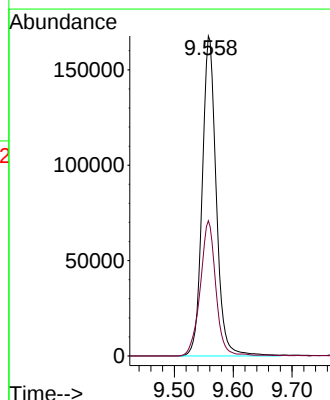
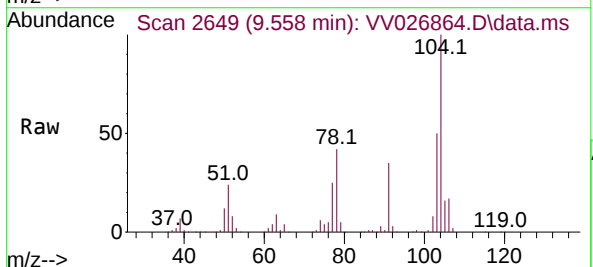
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

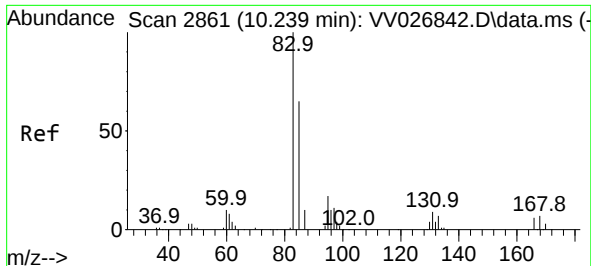
Tgt Ion:106 Resp: 149362
Ion Ratio Lower Upper
106 100
91 215.6 151.1 280.7



#55
Styrene
Concen: 5.840 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Tgt Ion:104 Resp: 278256
Ion Ratio Lower Upper
104 100
78 42.3 29.5 54.9

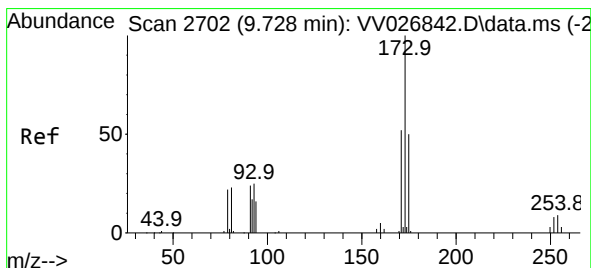
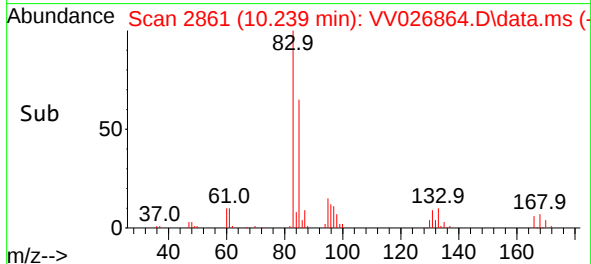
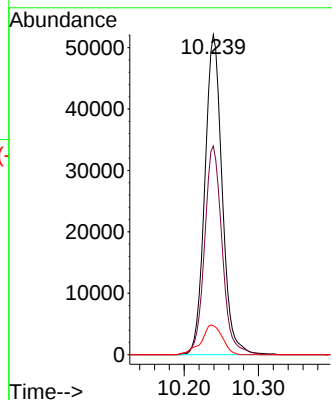
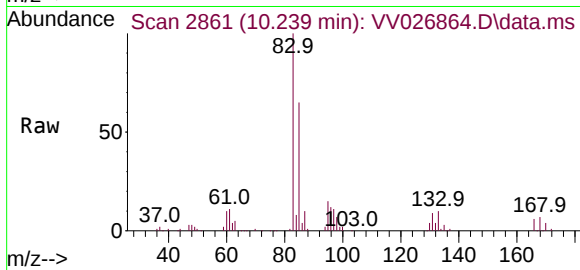




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.529 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026864.D
 Acq: 21 Jul 2022 10:02

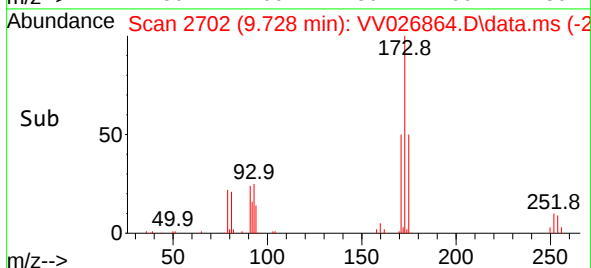
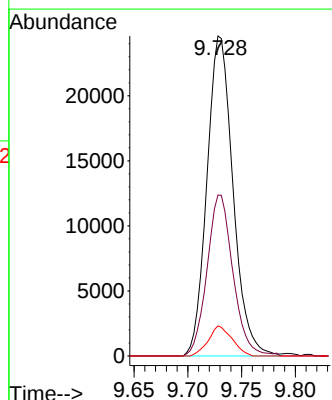
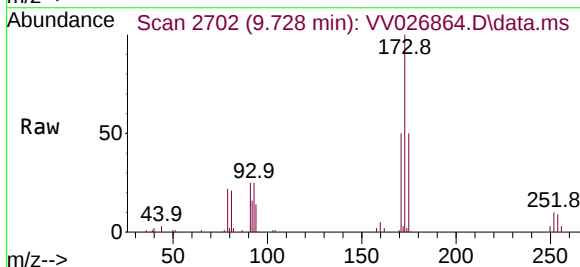
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

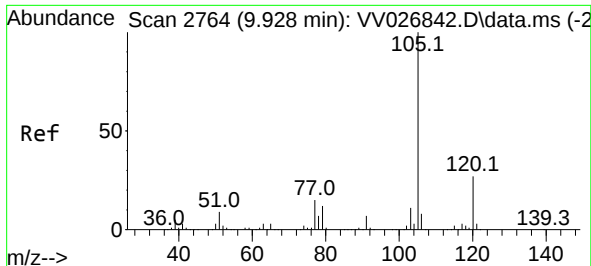
Tgt Ion: 83 Resp: 84220
 Ion Ratio Lower Upper
 83 100
 85 65.2 43.6 81.0
 131 9.0 7.4 11.2



#59
 Bromoform
 Concen: 5.273 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV026864.D
 Acq: 21 Jul 2022 10:02

Tgt Ion: 173 Resp: 41543
 Ion Ratio Lower Upper
 173 100
 175 50.0 40.7 61.1
 254 8.5 6.5 9.7

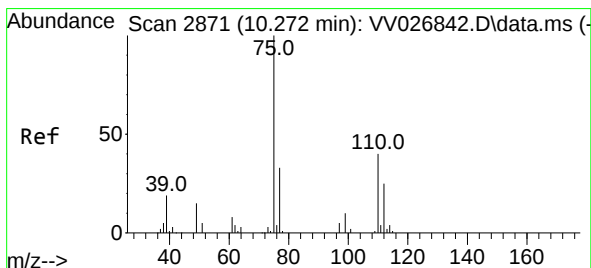
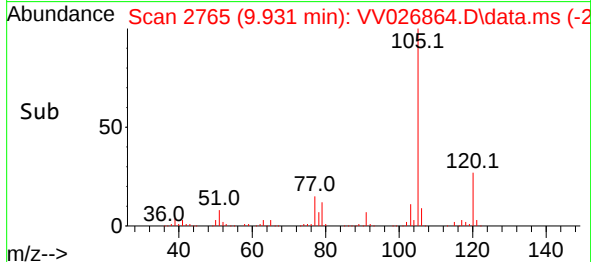
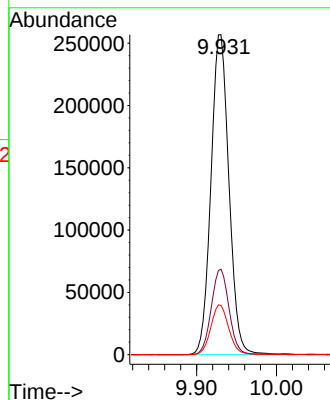
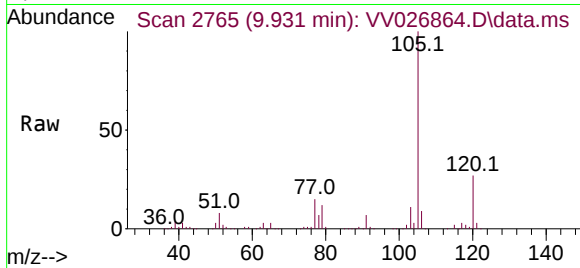




#60
Isopropylbenzene
Concen: 5.240 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

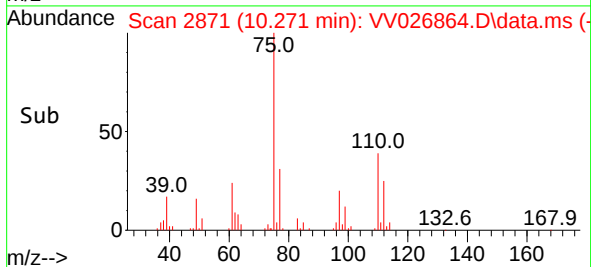
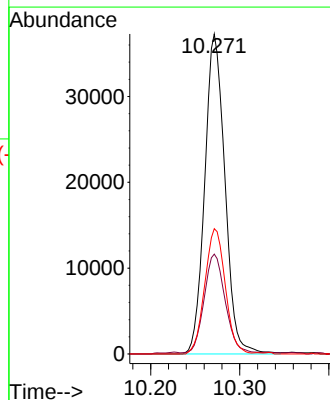
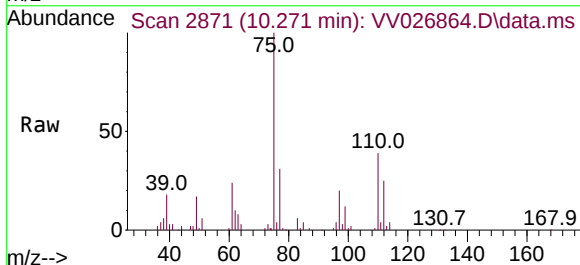
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

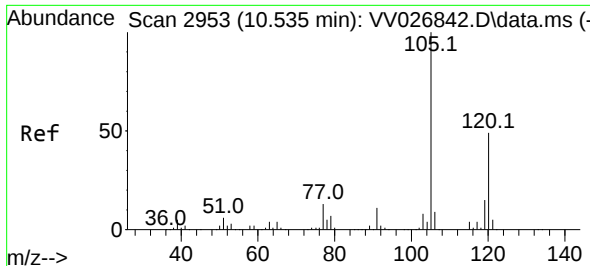
Tgt Ion:105 Resp: 401357
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.185 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Tgt Ion: 75 Resp: 58721
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
110 39.7 31.8 47.6

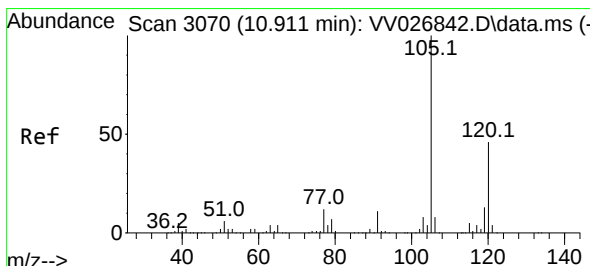
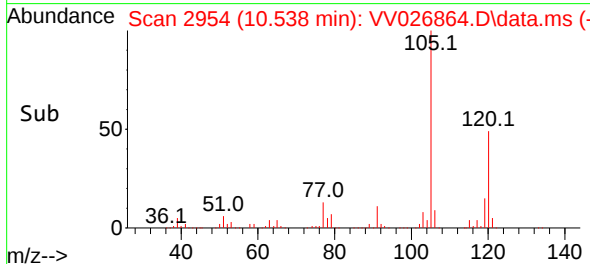
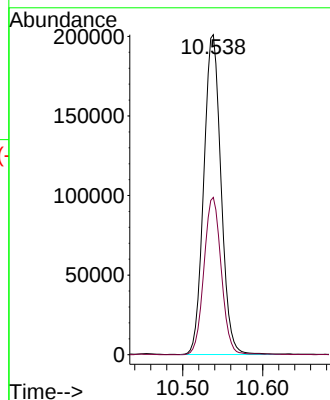
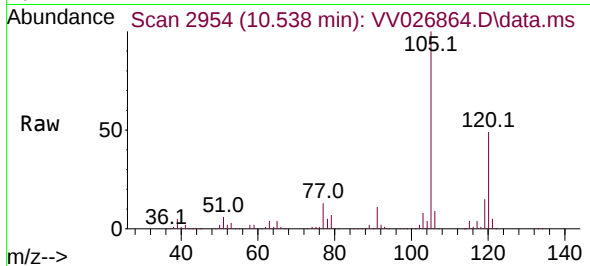




#62
1,3,5-Trimethylbenzene
Concen: 4.955 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

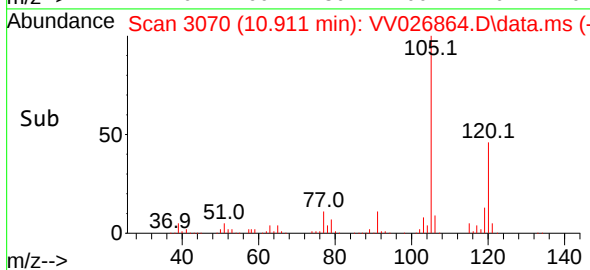
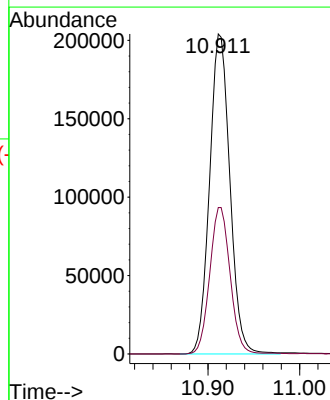
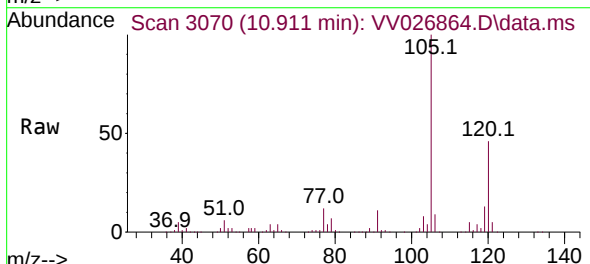
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

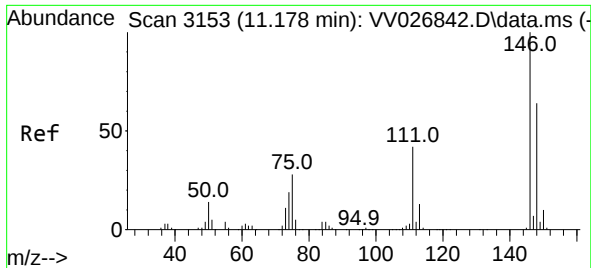
Tgt Ion:105 Resp: 301948
Ion Ratio Lower Upper
105 100
120 49.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.074 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Tgt Ion:105 Resp: 313951
Ion Ratio Lower Upper
105 100
120 45.8 36.8 55.2

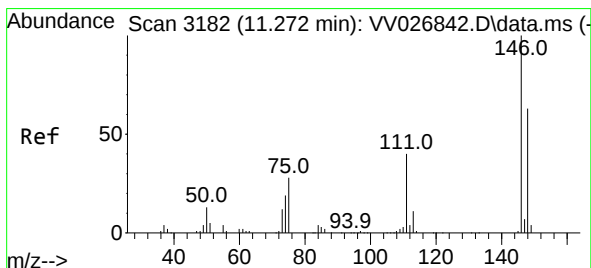
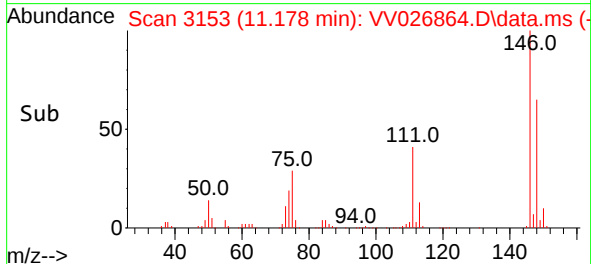
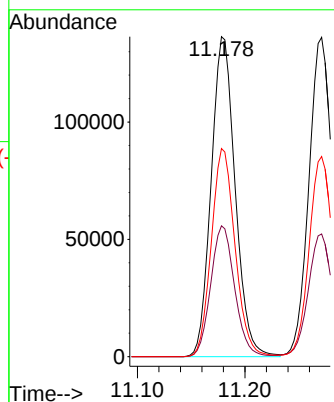
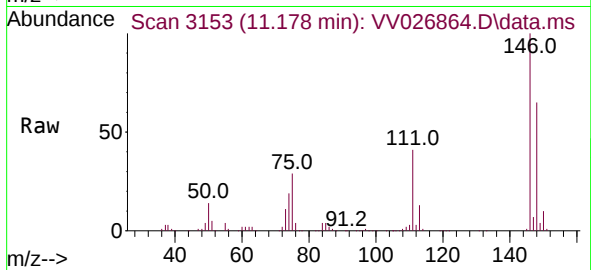




#64
 1,3-Dichlorobenzene
 Concen: 5.628 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV026864.D
 Acq: 21 Jul 2022 10:02

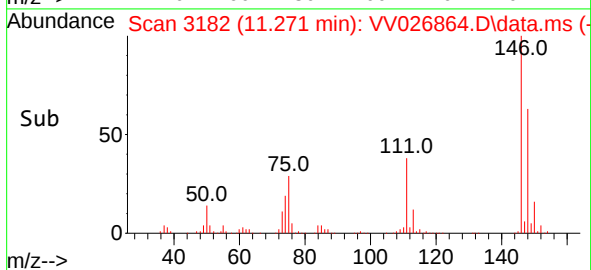
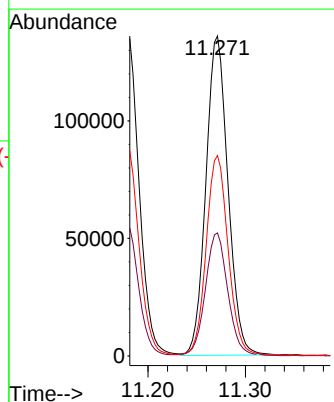
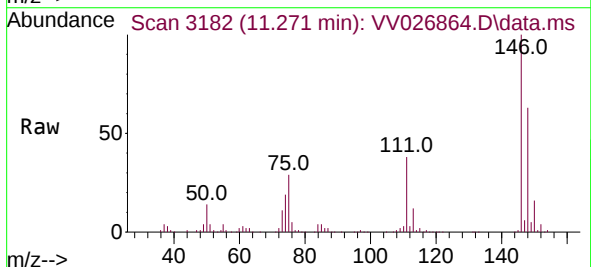
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

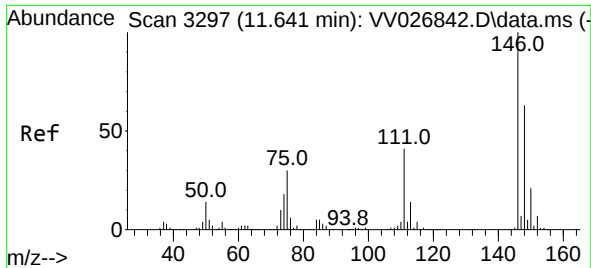
Tgt Ion:146 Resp: 211183
 Ion Ratio Lower Upper
 146 100
 111 40.9 27.9 51.7
 148 65.0 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 5.600 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV026864.D
 Acq: 21 Jul 2022 10:02

Tgt Ion:146 Resp: 213660
 Ion Ratio Lower Upper
 146 100
 111 38.4 26.8 49.8
 148 62.7 43.3 80.5

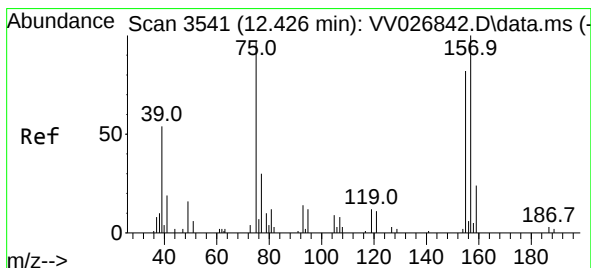
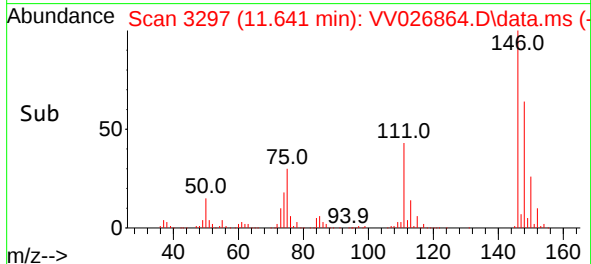
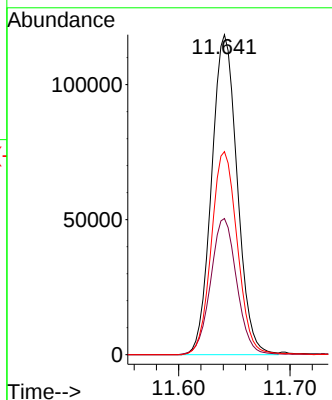
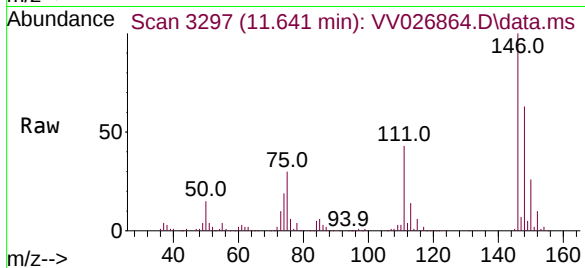




#67
1,2-Dichlorobenzene
Concen: 5.409 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

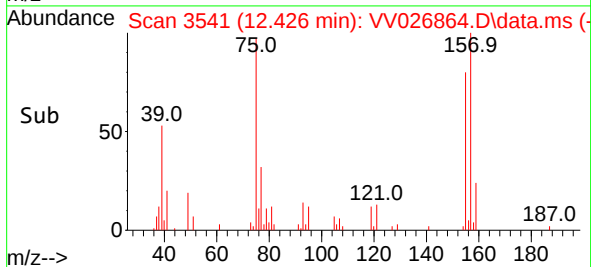
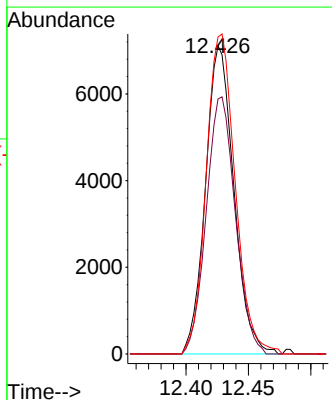
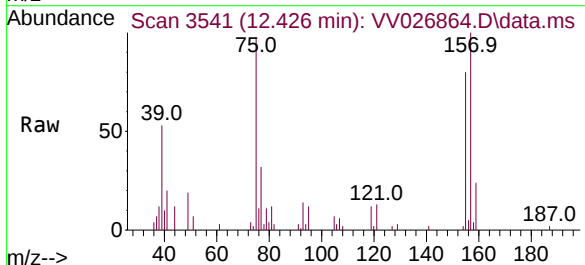
Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

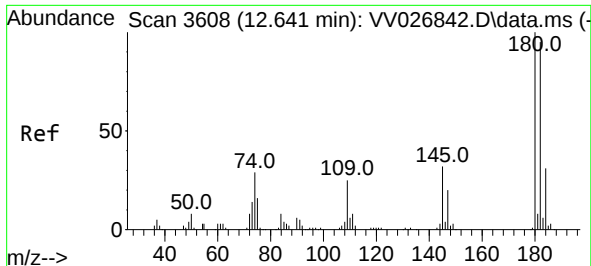
Tgt Ion:146 Resp: 189549
Ion Ratio Lower Upper
146 100
111 42.6 34.6 52.0
148 63.5 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.696 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Tgt Ion: 75 Resp: 11274
Ion Ratio Lower Upper
75 100
155 82.8 60.3 90.5
157 102.9 78.2 117.4





#69

1,3,5-Trichlorobenzene

Concen: 5.464 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005363

Tgt Ion:180 Resp: 144921

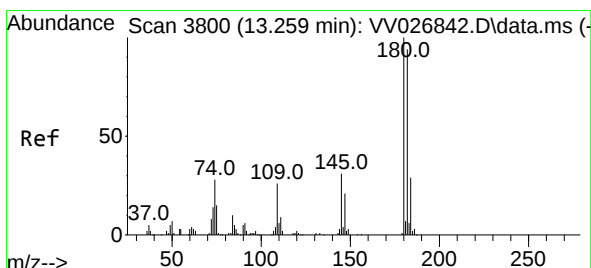
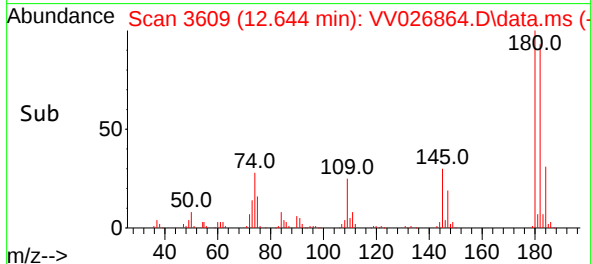
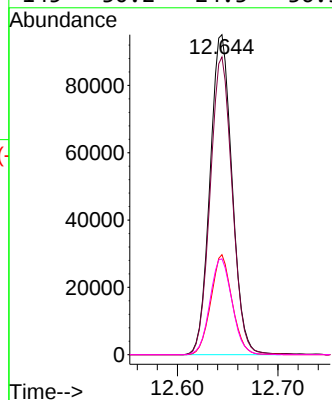
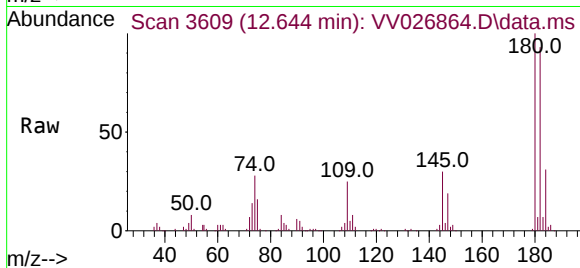
Ion Ratio Lower Upper

180 100

182 93.0 74.0 111.0

184 30.1 23.1 34.7

145 30.2 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 5.164 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026864.D

Acq: 21 Jul 2022 10:02

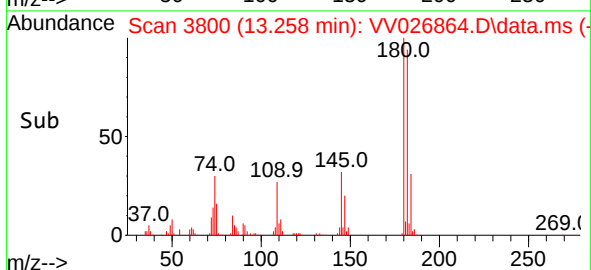
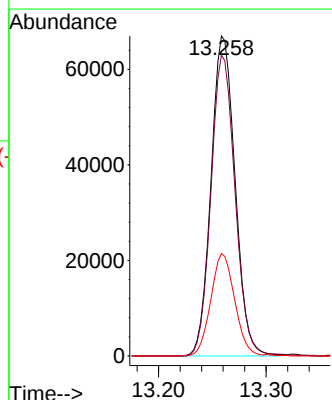
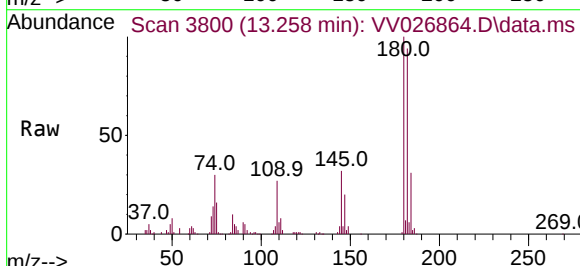
Tgt Ion:180 Resp: 104167

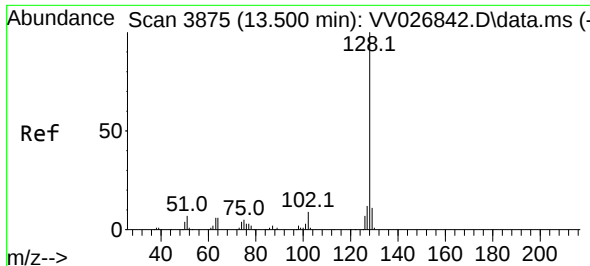
Ion Ratio Lower Upper

180 100

182 94.1 74.7 112.1

145 31.9 24.7 37.1

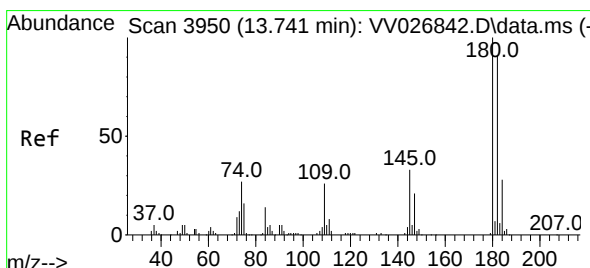
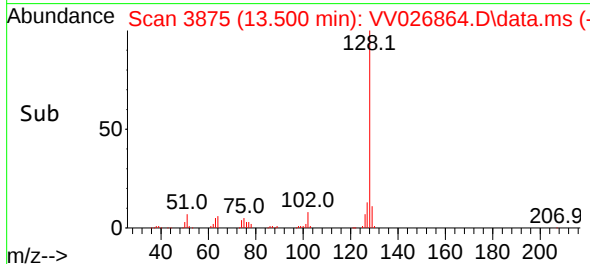
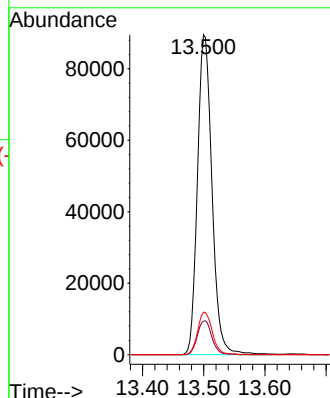
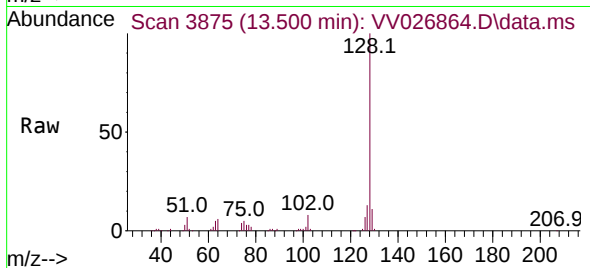




#71
Naphthalene
Concen: 4.423 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD005363

Tgt Ion:128 Resp: 147794
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.5 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.999 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026864.D
Acq: 21 Jul 2022 10:02

Tgt Ion:180 Resp: 93831
Ion Ratio Lower Upper
180 100
182 95.4 75.0 112.4
145 34.0 26.0 39.0

