

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026434.D
 Acq On : 18 Jun 2022 20:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005327

Quant Time: Jun 20 01:32:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	289416	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	258468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	128929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	96639	3.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.584	69	79536	4.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.124	63	179131	4.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.934	46	112696	45.945	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.880%
24) Chloroform-d	4.362	84	180274	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.043	65	67865	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.059	84	369847	5.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.075	67	101145	5.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.316	98	355715	5.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
43) trans-1,3-Dichloroprop...	7.625	79	28332	4.332	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.091	63	100161	50.702	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61813	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	101305	5.101	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	94832	4.382	ug/L	99
3) Chloromethane	1.259	50	92791	3.862	ug/L	96
5) Vinyl chloride	1.326	62	103290	4.134	ug/L #	74
6) Bromomethane	1.539	94	53298	3.817	ug/L	99
8) Chloroethane	1.603	64	114718	7.397	ug/L	82
9) Trichlorofluoromethane	1.770	101	149822	4.345	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.133	101	90210	4.511	ug/L	98
12) 1,1-Dichloroethene	2.133	96	82047	4.487	ug/L	97
13) Acetone	2.223	43	71136	37.422	ug/L	96
14) Carbon disulfide	2.310	76	224606	4.982	ug/L	99
15) Methyl Acetate	2.465	43	18204	3.991	ug/L #	88
16) Methylene chloride	2.522	84	84546	3.624	ug/L	98
17) Methyl tert-butyl Ether	2.789	73	156606	4.981	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	84291	4.753	ug/L	99
19) 1,1-Dichloroethane	3.204	63	163943	4.848	ug/L	99
21) 2-Butanone	4.011	43	112346	45.676	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	90813	5.062	ug/L	99
23) Bromochloromethane	4.262	128	35336	4.641	ug/L	94
25) Chloroform	4.387	83	169524	4.621	ug/L	98

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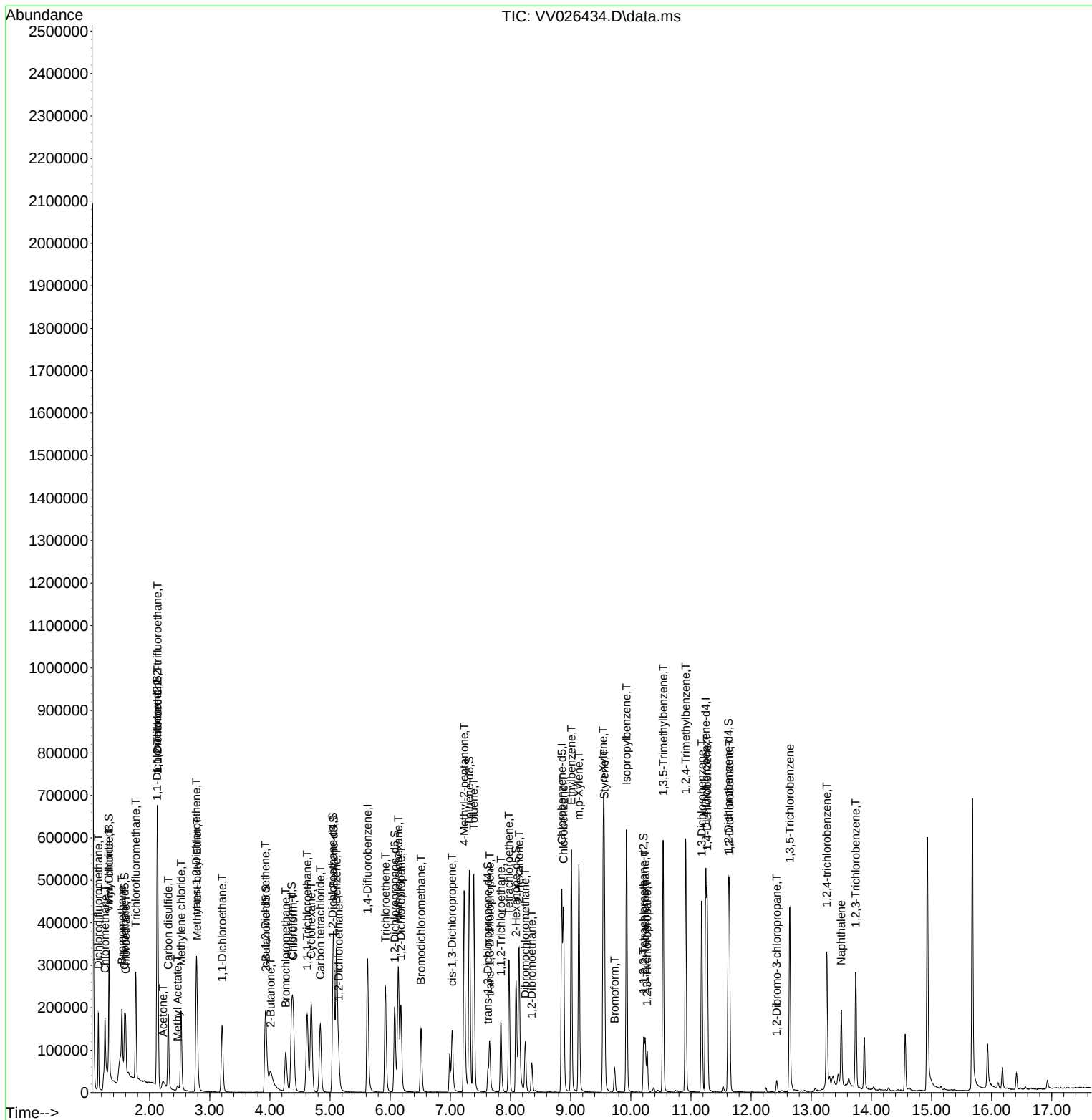
Instrument :
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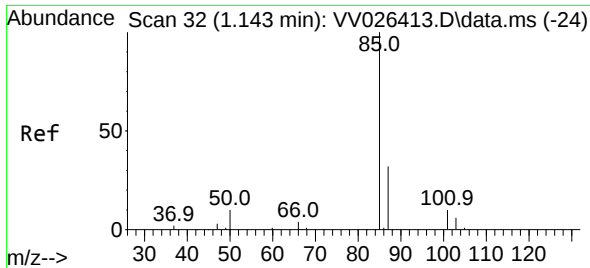
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	74924	4.487	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	151100	5.291	ug/L	99
30) Cyclohexane	4.686	56	108860	5.096	ug/L	99
31) Carbon tetrachloride	4.838	117	121881	5.039	ug/L	99
33) Benzene	5.108	78	357027	5.388	ug/L	100
34) Trichloroethene	5.921	95	91838	5.076	ug/L	97
35) Methylcyclohexane	6.136	83	124189	4.963	ug/L	99
37) 1,2-Dichloropropane	6.178	63	84567	4.879	ug/L	98
38) Bromodichloromethane	6.513	83	105689	5.028	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	96983	4.903	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	322818	50.656	ug/L	97
42) Toluene	7.390	91	394646	5.662	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	72496	4.589	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	55385	4.868	ug/L	99
47) Tetrachloroethene	7.976	164	69696	5.201	ug/L	99
48) 2-Hexanone	8.143	43	219972	48.178	ug/L	98
49) Dibromochloromethane	8.246	129	61199	4.858	ug/L	96
50) 1,2-Dibromoethane	8.355	107	46206	4.767	ug/L	95
51) Chlorobenzene	8.882	112	242607	5.331	ug/L	98
52) Ethylbenzene	9.011	91	399661	5.720	ug/L	99
53) m,p-Xylene	9.136	106	158892	5.834	ug/L	100
54) o-Xylene	9.541	106	149089	5.651	ug/L	98
55) Styrene	9.561	104	247789	5.593	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	61409	5.322	ug/L	95
59) Bromoform	9.731	173	25160	4.445	ug/L	99
60) Isopropylbenzene	9.931	105	398491	5.798	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	39890	4.768	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	316455	5.802	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	323105	5.985	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	184989	5.477	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	181806	5.297	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	154560	5.167	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7329	4.945	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	127776	5.232	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	94829	5.265	ug/L	99
71) Naphthalene	13.500	128	137763	5.509	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	79115	5.247	ug/L	97

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

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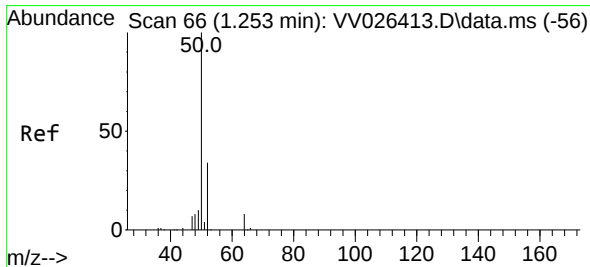
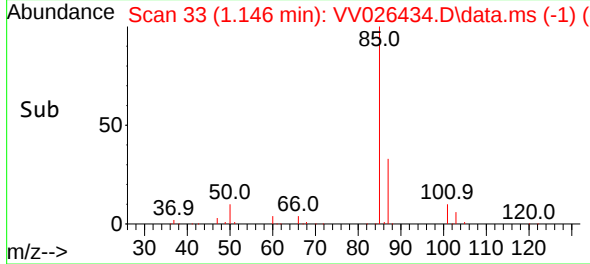
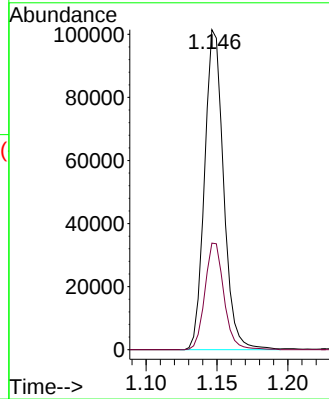
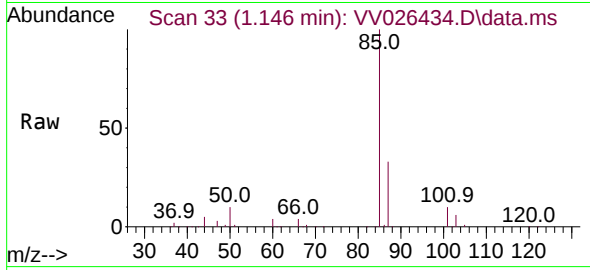




#2
 Dichlorodifluoromethane
 Concen: 4.382 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

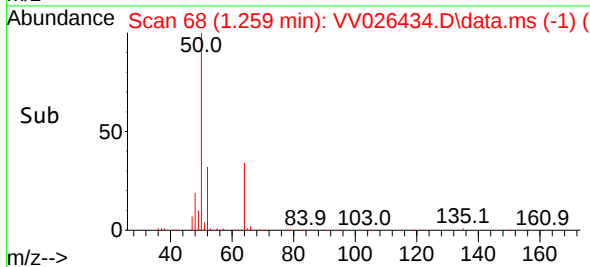
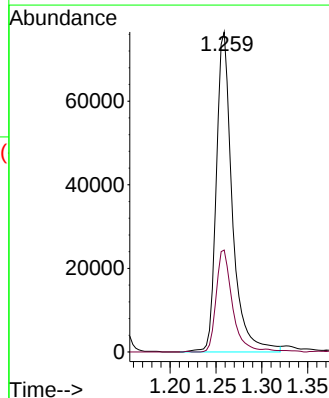
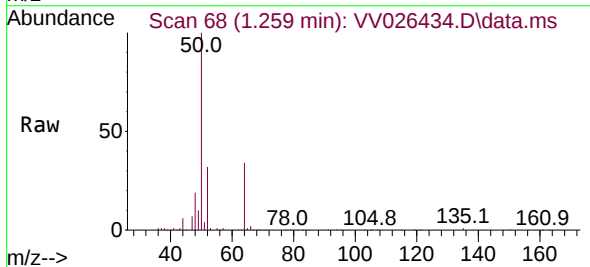
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005327

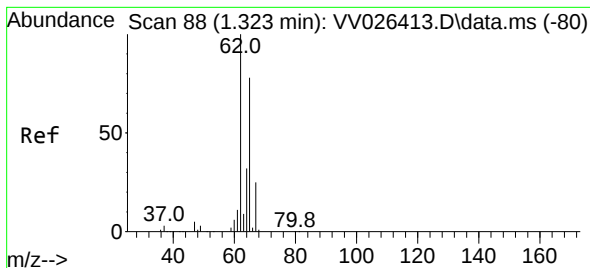
Tgt Ion: 85 Resp: 94832
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.0 39.0



#3
 Chloromethane
 Concen: 3.862 ug/L
 RT: 1.259 min Scan# 68
 Delta R.T. 0.006 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

Tgt Ion: 50 Resp: 92791
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.7 44.1

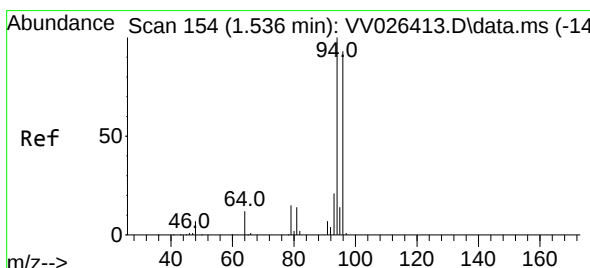
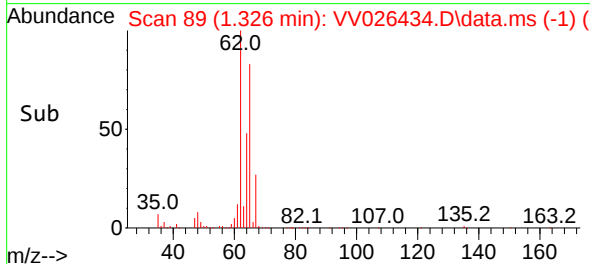
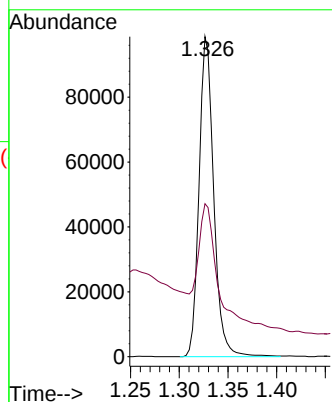
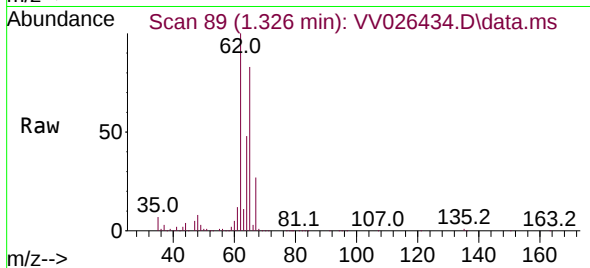




#5
 Vinyl chloride
 Concen: 4.134 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

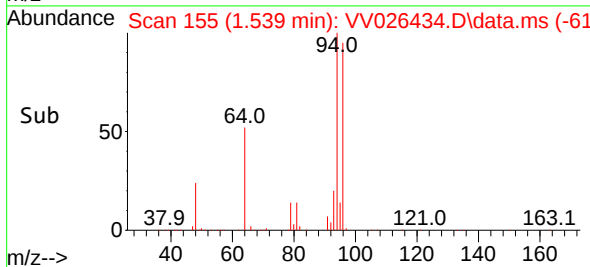
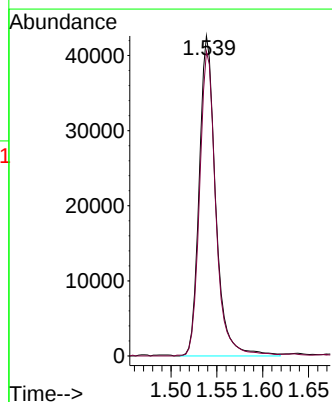
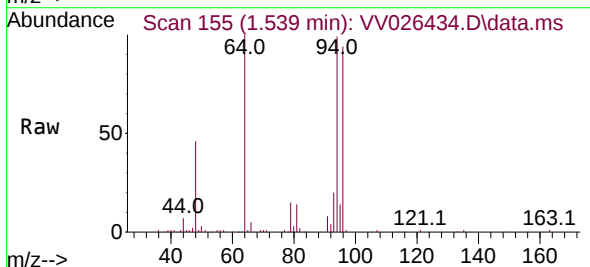
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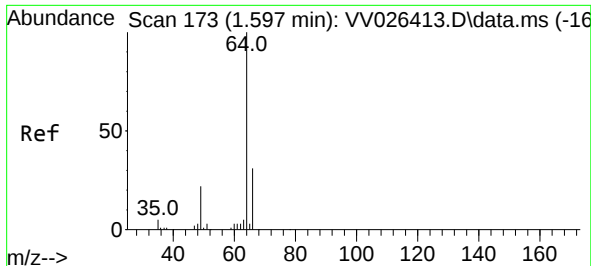
Tgt Ion: 62 Resp: 103290
 Ion Ratio Lower Upper
 62 100
 64 47.8 23.2 43.2#



#6
 Bromomethane
 Concen: 3.817 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

Tgt Ion: 94 Resp: 53298
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.7 121.9

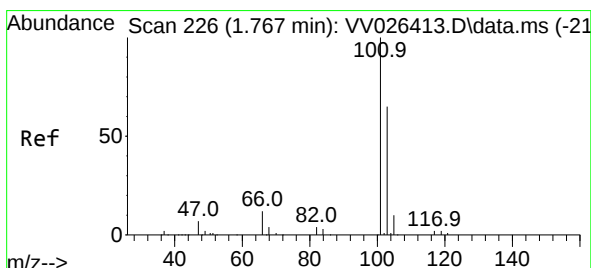
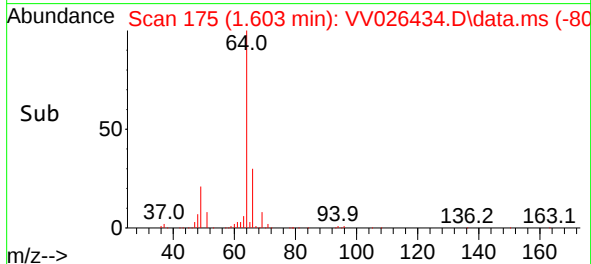
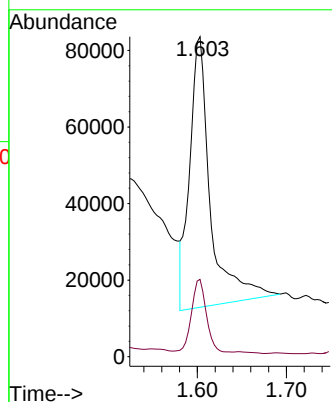
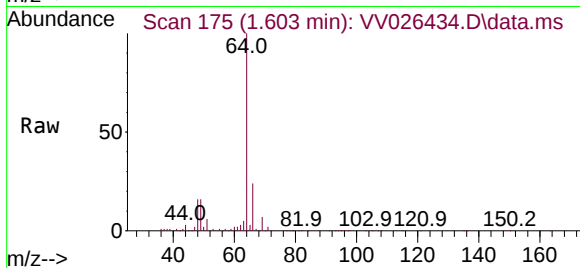




#8
Chloroethane
Concen: 7.397 ug/L
RT: 1.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

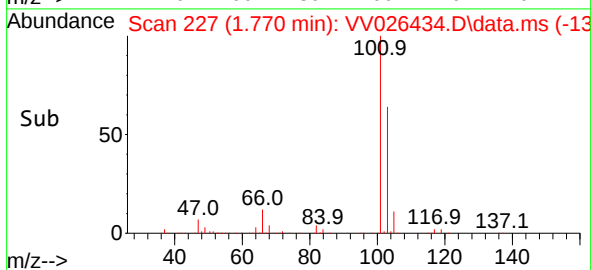
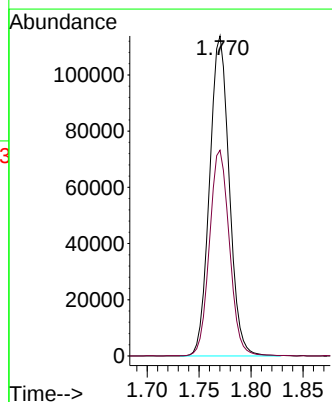
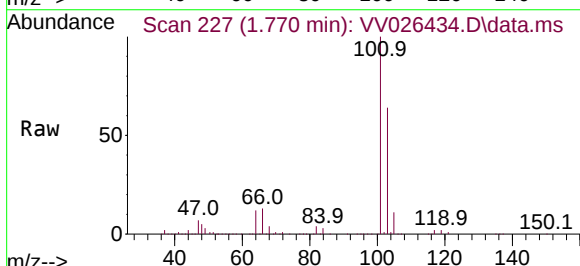
Instrument :
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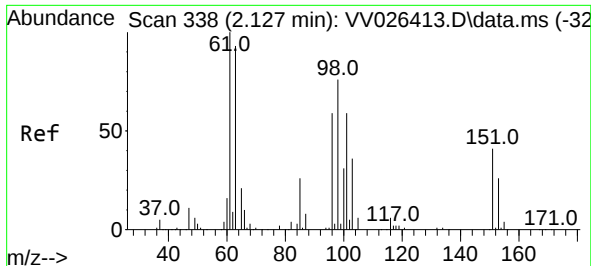
Tgt Ion: 64 Resp: 114718
Ion Ratio Lower Upper
64 100
66 24.1 24.1 44.7



#9
Trichlorofluoromethane
Concen: 4.345 ug/L
RT: 1.770 min Scan# 227
Delta R.T. 0.003 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

Tgt Ion: 101 Resp: 149822
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5

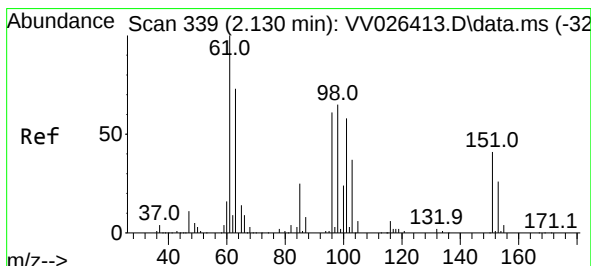
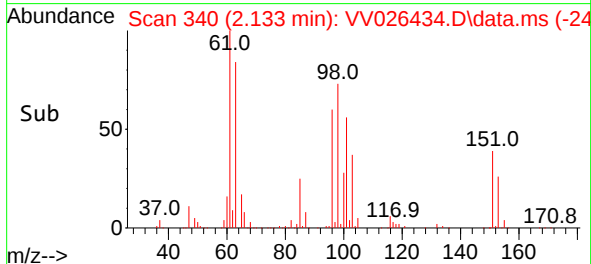
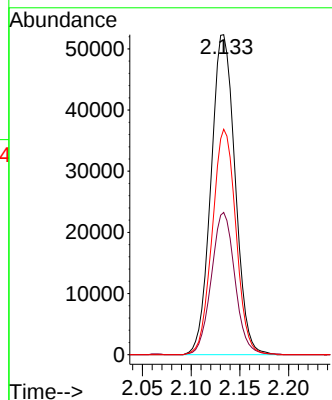
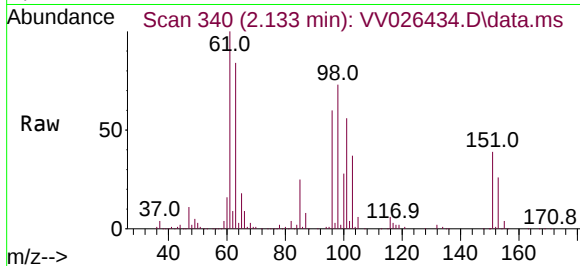




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.511 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. 0.006 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

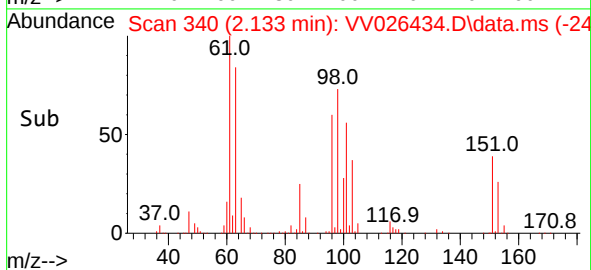
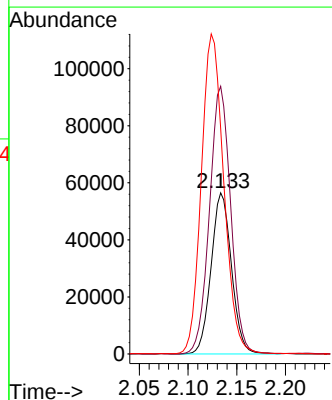
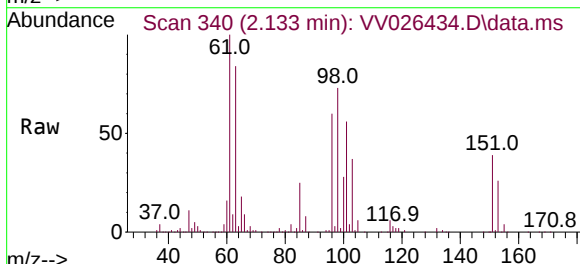
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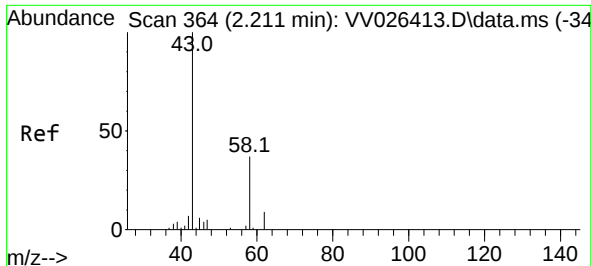
Tgt Ion:101 Resp: 90210
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.3 52.9
 151 69.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.487 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. 0.003 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

Tgt Ion: 96 Resp: 82047
 Ion Ratio Lower Upper
 96 100
 61 166.1 117.1 217.5
 63 139.9 92.8 172.4





#13

Acetone

Concen: 37.422 ug/L

RT: 2.223 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

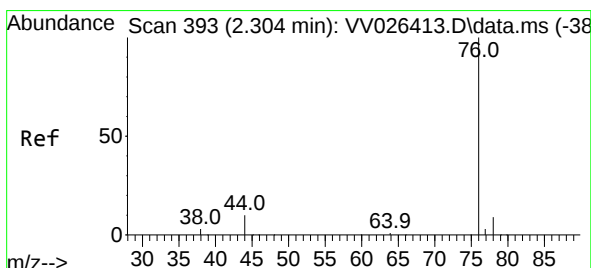
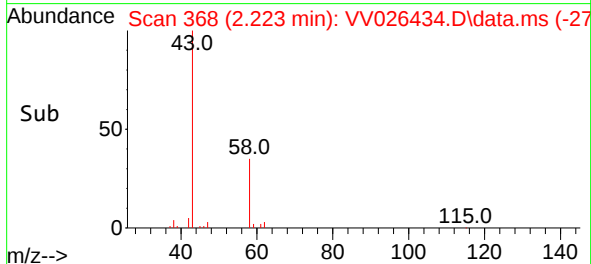
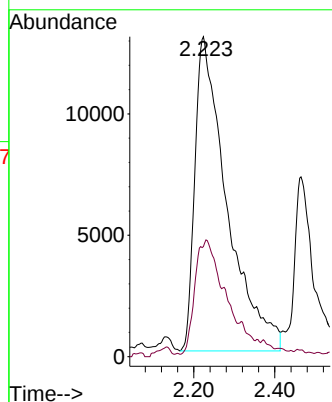
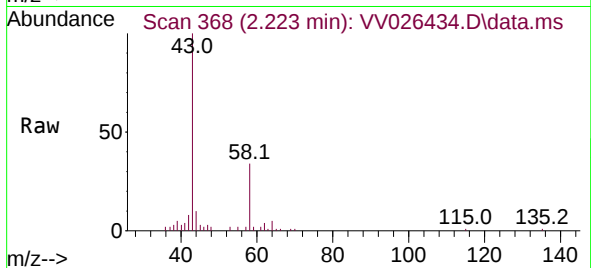
VSTD005327

Tgt Ion: 43 Resp: 71136

Ion Ratio Lower Upper

43 100

58 32.0 0.0 60.0



#14

Carbon disulfide

Concen: 4.982 ug/L

RT: 2.310 min Scan# 395

Delta R.T. 0.006 min

Lab File: VV026434.D

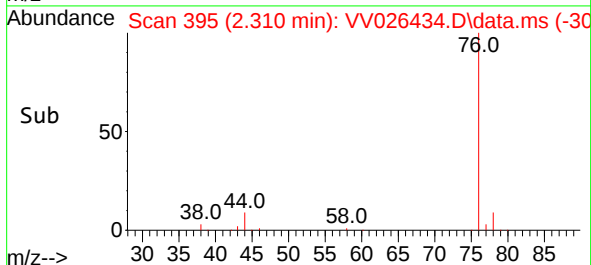
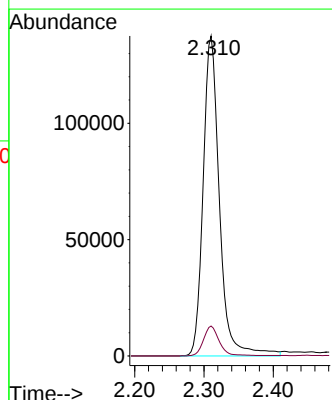
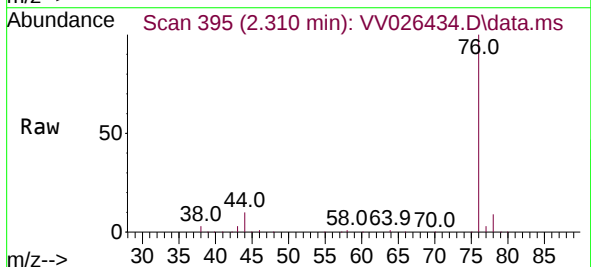
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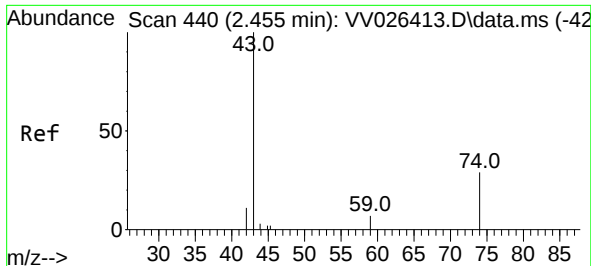
Tgt Ion: 76 Resp: 224606

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5





#15

Methyl Acetate

Concen: 3.991 ug/L

RT: 2.465 min Scan# 44

Delta R.T. 0.009 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

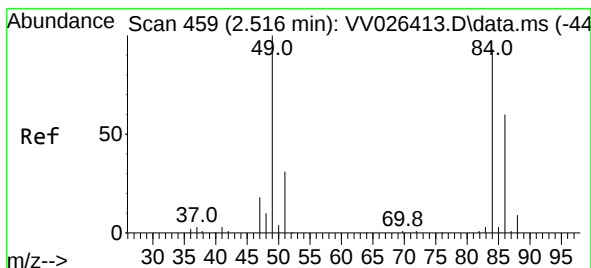
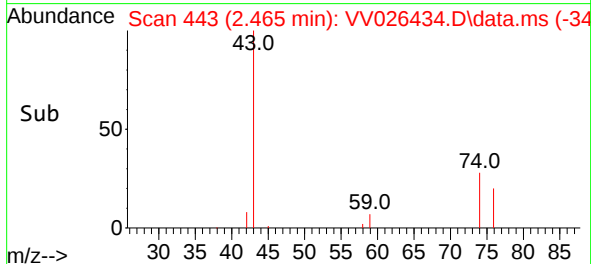
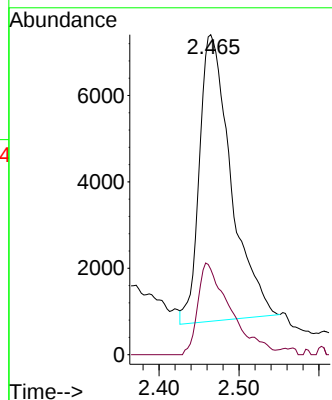
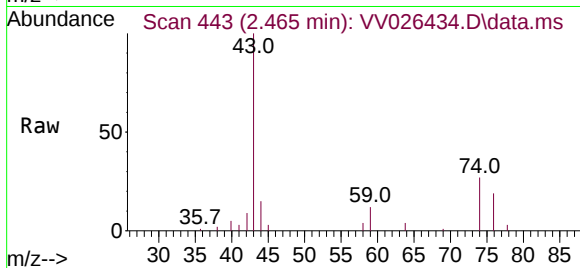
VSTD005327

Tgt Ion: 43 Resp: 18204

Ion Ratio Lower Upper

43 100

74 32.9 21.4 32.0#



#16

Methylene chloride

Concen: 3.624 ug/L

RT: 2.522 min Scan# 461

Delta R.T. 0.006 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

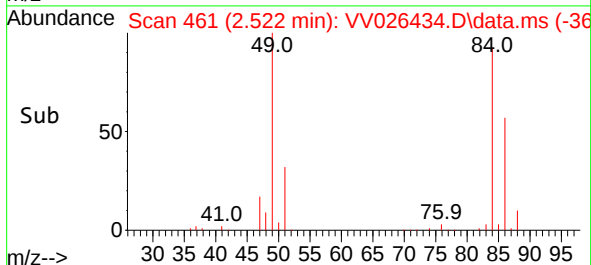
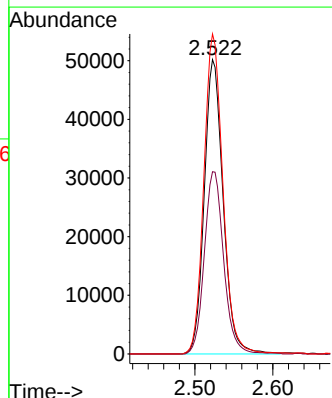
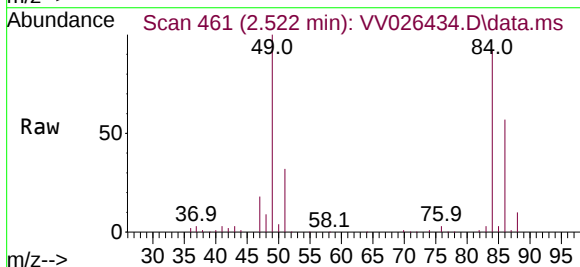
Tgt Ion: 84 Resp: 84546

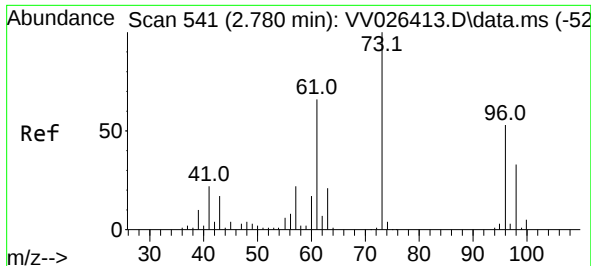
Ion Ratio Lower Upper

84 100

86 61.9 44.0 81.8

49 108.7 77.3 143.7

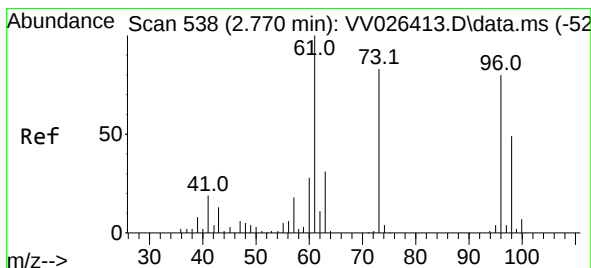
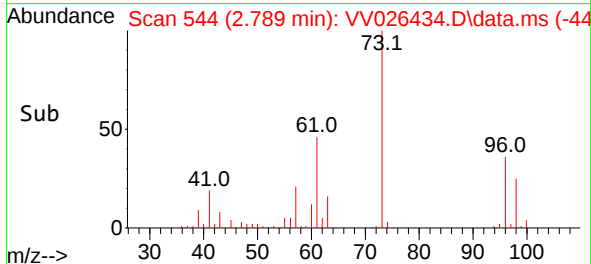
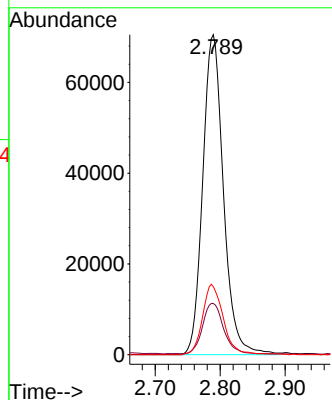
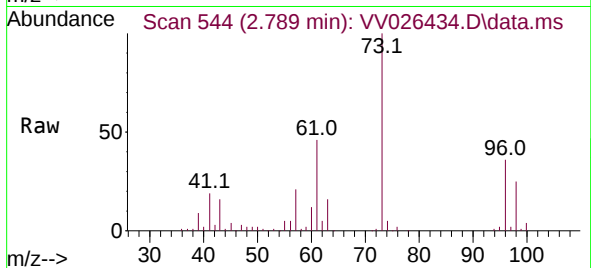




#17
Methyl tert-butyl Ether
Concen: 4.981 ug/L
RT: 2.789 min Scan# 541
Delta R.T. 0.009 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

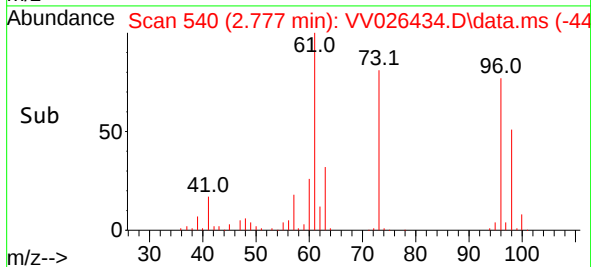
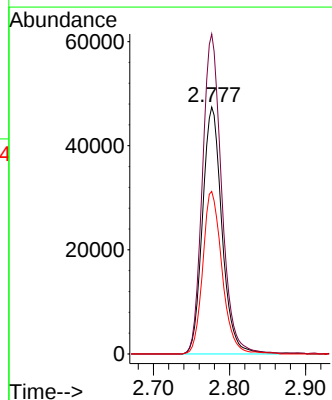
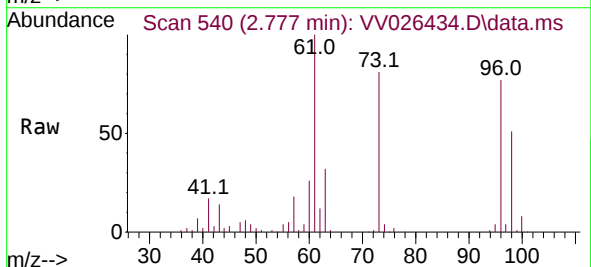
Instrument :
MSVOA_V
ClientSampleId :
VSTD005327

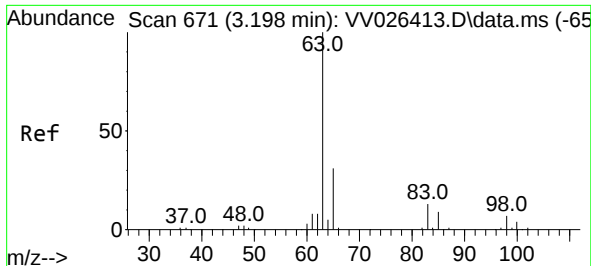
Tgt Ion: 73 Resp: 156606
Ion Ratio Lower Upper
73 100
43 15.8 13.0 19.6
57 21.9 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.753 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

Tgt Ion: 96 Resp: 84291
Ion Ratio Lower Upper
96 100
61 129.6 91.3 169.6
98 65.8 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.848 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005327

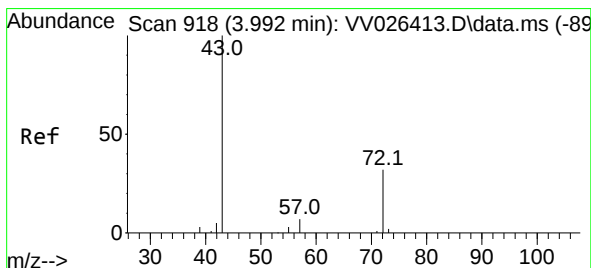
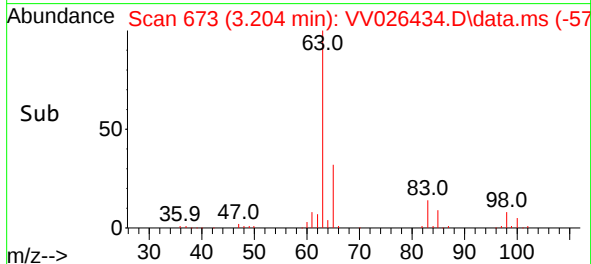
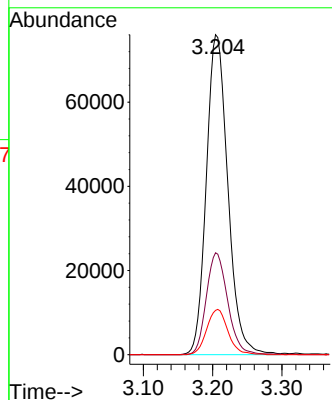
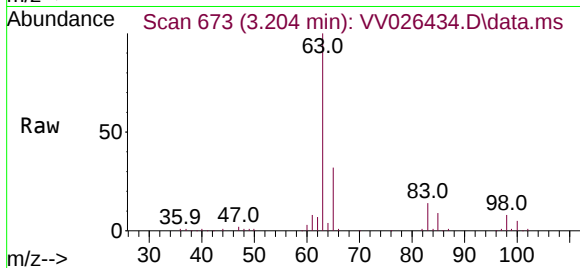
Tgt Ion: 63 Resp: 163943

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 13.9 8.9 16.5



#21

2-Butanone

Concen: 45.676 ug/L

RT: 4.011 min Scan# 924

Delta R.T. 0.019 min

Lab File: VV026434.D

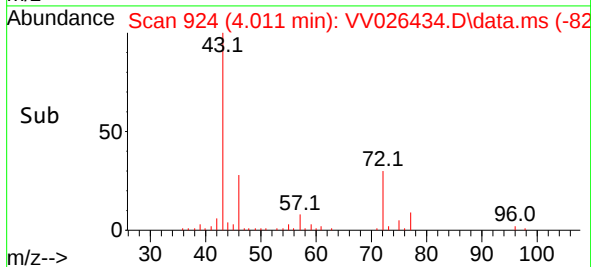
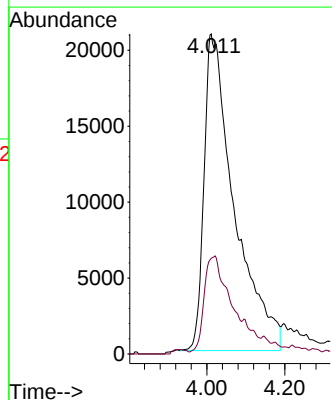
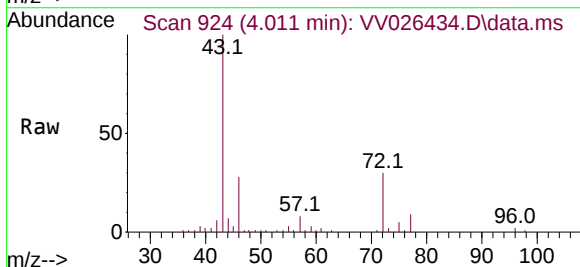
Acq: 18 Jun 2022 20:09

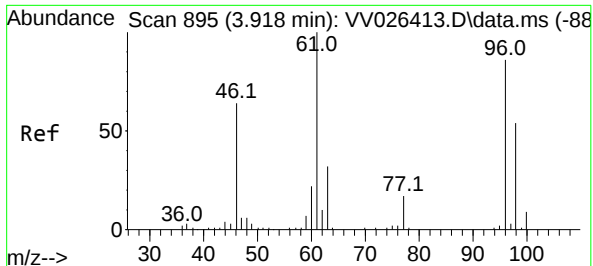
Tgt Ion: 43 Resp: 112346

Ion Ratio Lower Upper

43 100

72 24.4 12.7 38.0

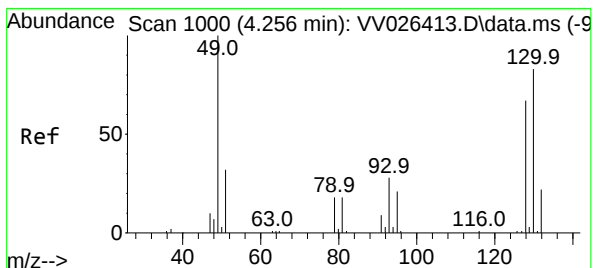
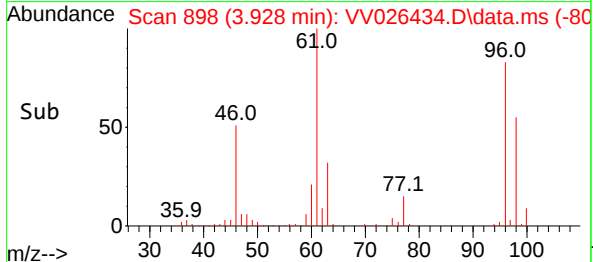
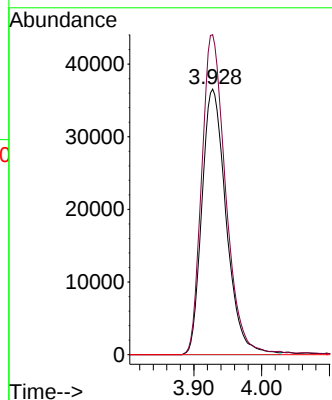
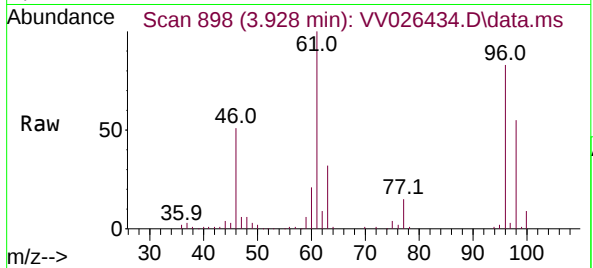




#22
 cis-1,2-Dichloroethene
 Concen: 5.062 ug/L
 RT: 3.928 min Scan# 895
 Delta R.T. 0.009 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

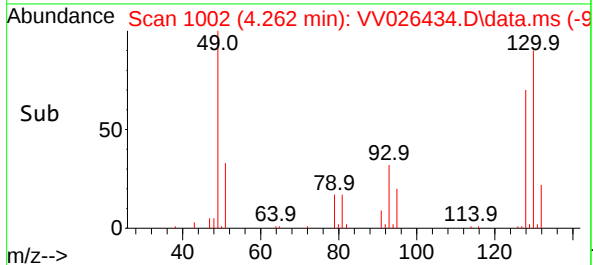
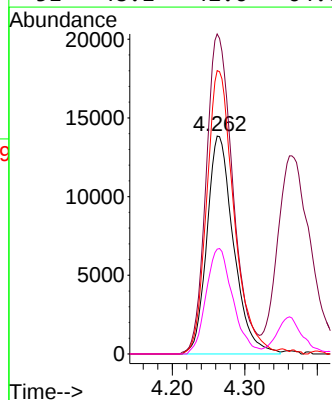
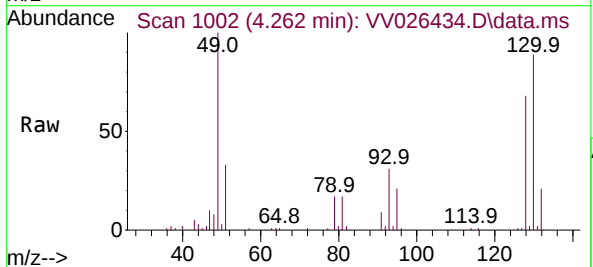
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005327

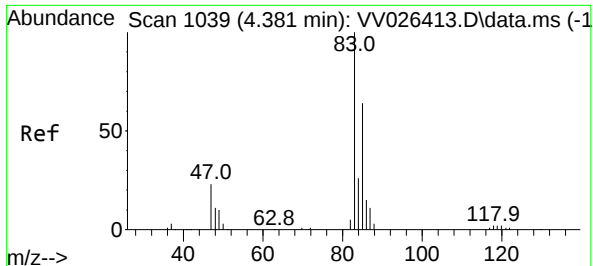
Tgt Ion: 96 Resp: 90813
 Ion Ratio Lower Upper
 96 100
 61 120.5 83.6 155.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.641 ug/L
 RT: 4.262 min Scan# 1002
 Delta R.T. 0.006 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

Tgt Ion: 128 Resp: 35336
 Ion Ratio Lower Upper
 128 100
 49 146.9 111.6 207.2
 130 130.0 91.1 169.1
 51 48.1 42.6 64.0





#25

Chloroform

Concen: 4.621 ug/L

RT: 4.387 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

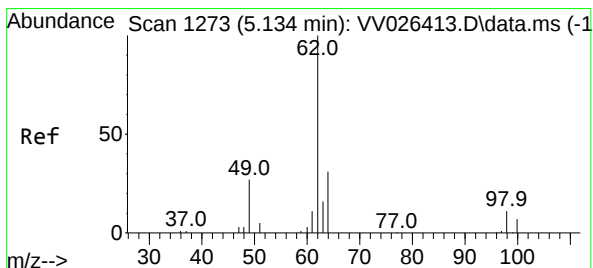
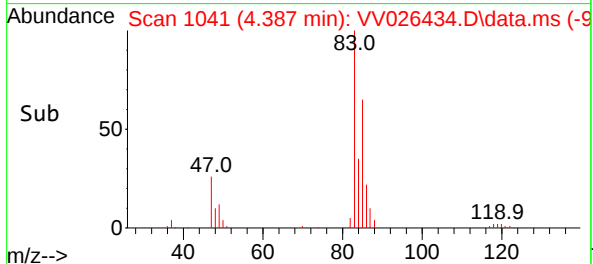
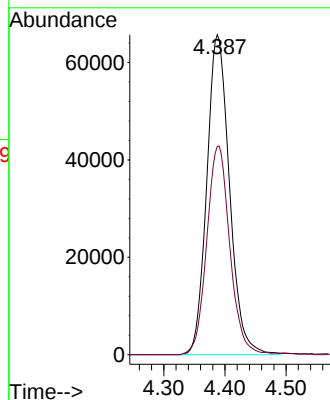
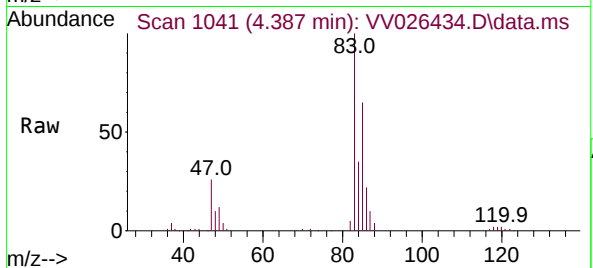
VSTD005327

Tgt Ion: 83 Resp: 169524

Ion Ratio Lower Upper

83 100

85 65.1 46.5 86.3



#27

1,2-Dichloroethane

Concen: 4.487 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.009 min

Lab File: VV026434.D

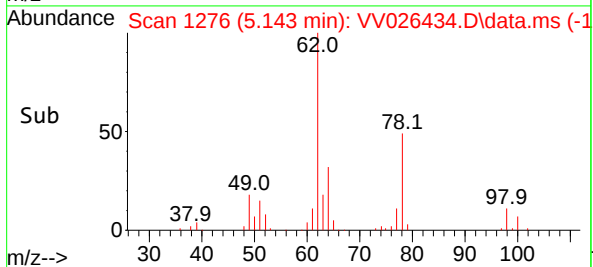
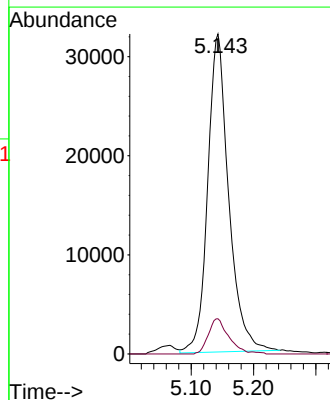
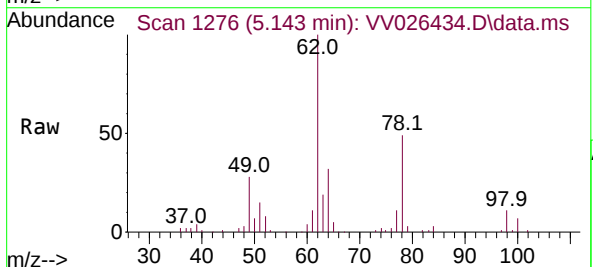
Acq: 18 Jun 2022 20:09

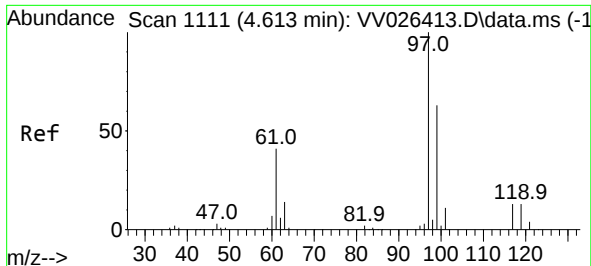
Tgt Ion: 62 Resp: 74924

Ion Ratio Lower Upper

62 100

98 11.0 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.291 ug/L

RT: 4.619 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005327

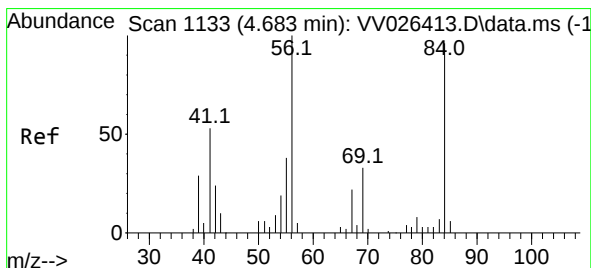
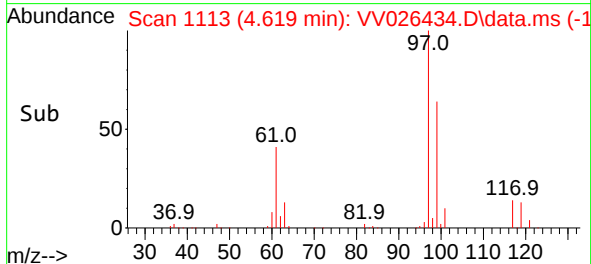
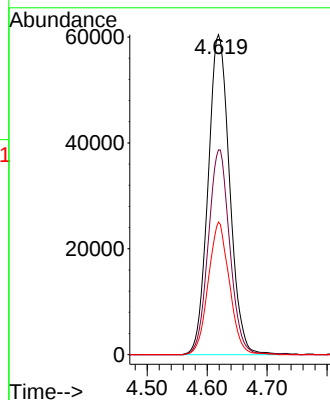
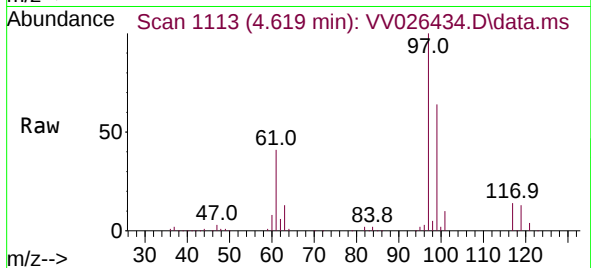
Tgt Ion: 97 Resp: 151100

Ion Ratio Lower Upper

97 100

99 63.8 50.3 75.5

61 40.7 33.4 50.0



#30

Cyclohexane

Concen: 5.096 ug/L

RT: 4.686 min Scan# 1134

Delta R.T. 0.003 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

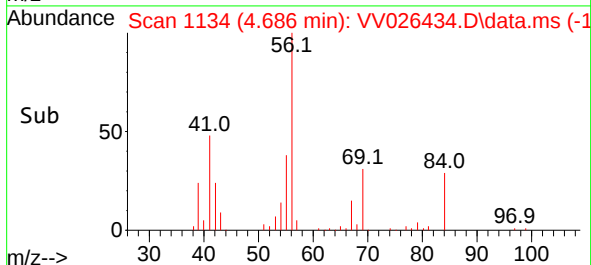
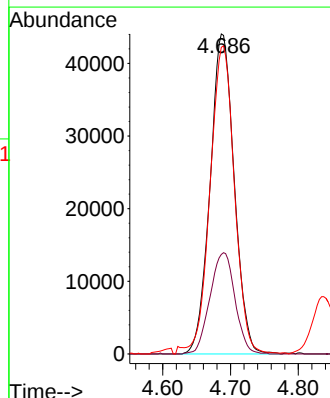
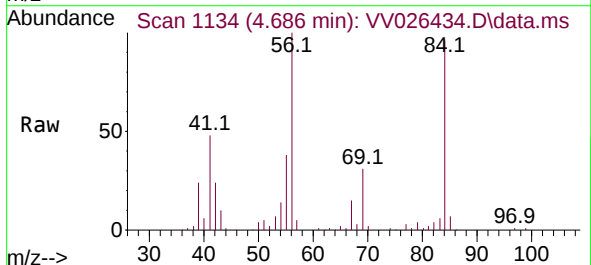
Tgt Ion: 56 Resp: 108860

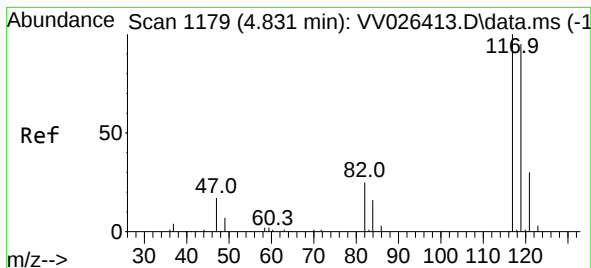
Ion Ratio Lower Upper

56 100

69 32.8 24.9 37.3

84 96.1 76.4 114.6





#31

Carbon tetrachloride

Concen: 5.039 ug/L

RT: 4.838 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

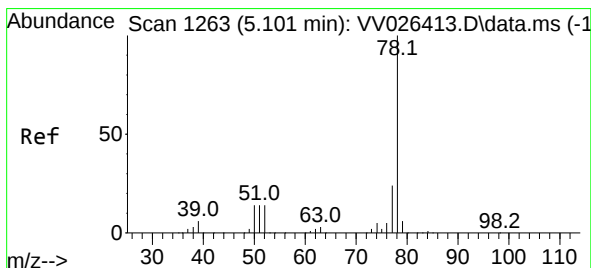
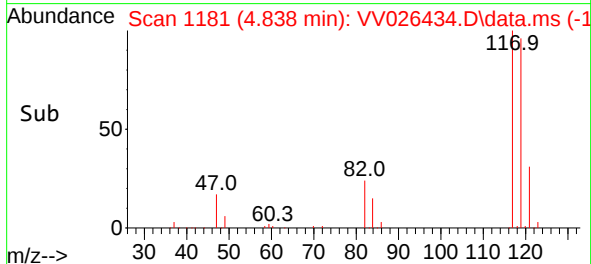
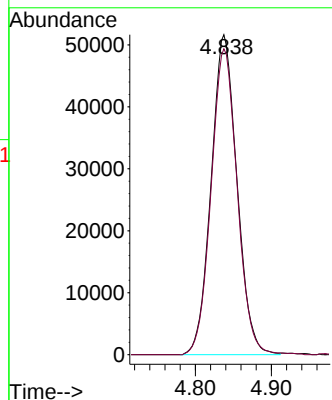
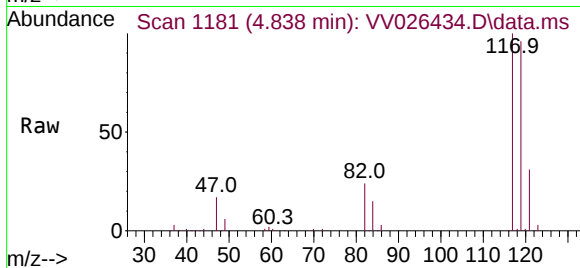
VSTD005327

Tgt Ion:117 Resp: 121881

Ion Ratio Lower Upper

117 100

119 96.6 76.2 114.4



#33

Benzene

Concen: 5.388 ug/L

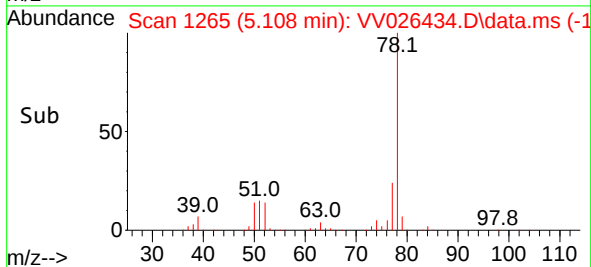
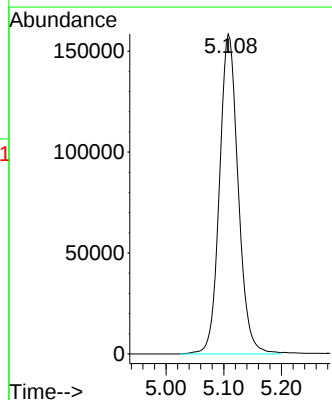
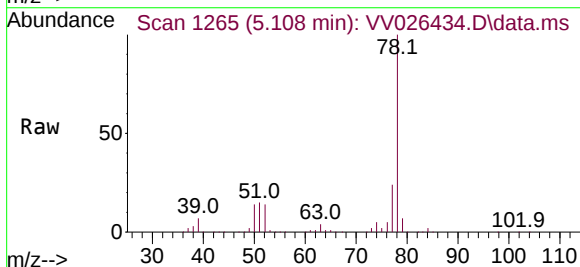
RT: 5.108 min Scan# 1265

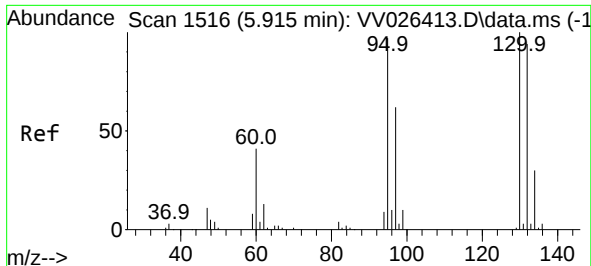
Delta R.T. 0.006 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Tgt Ion: 78 Resp: 357027





#34

Trichloroethene

Concen: 5.076 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005327

Tgt Ion: 95 Resp: 91838

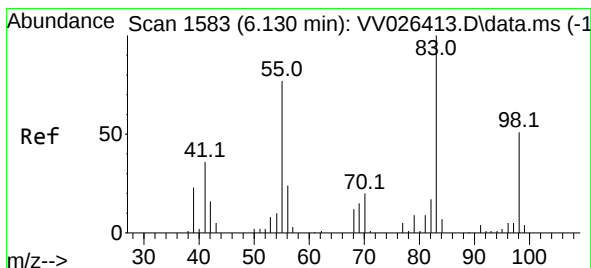
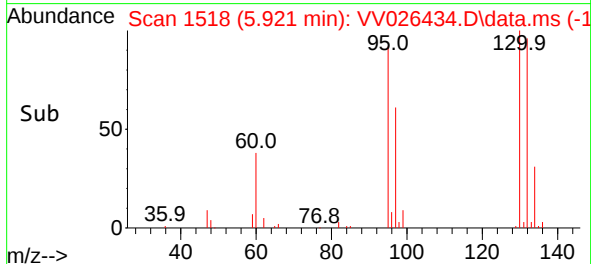
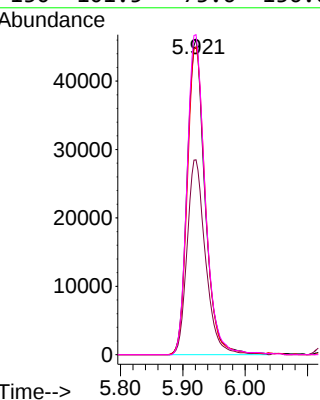
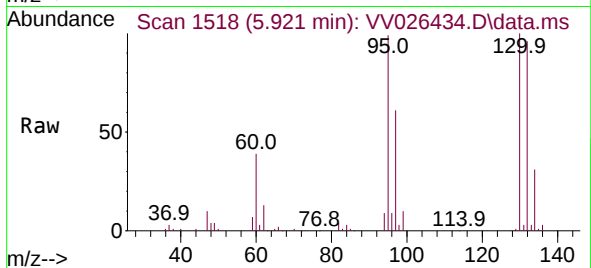
Ion Ratio Lower Upper

95 100

97 61.8 46.5 86.3

132 97.7 68.8 127.8

130 101.5 73.6 136.6



#35

Methylcyclohexane

Concen: 4.963 ug/L

RT: 6.136 min Scan# 1585

Delta R.T. 0.006 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

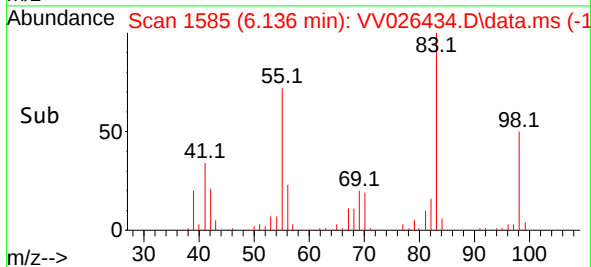
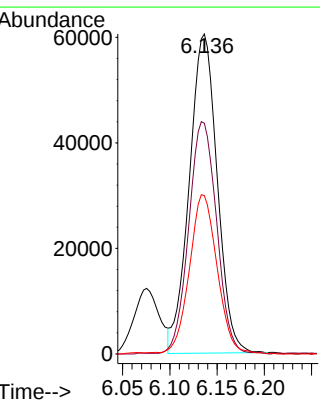
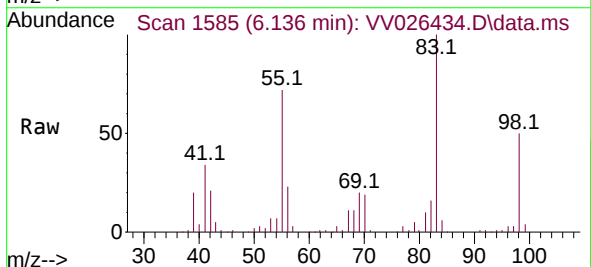
Tgt Ion: 83 Resp: 124189

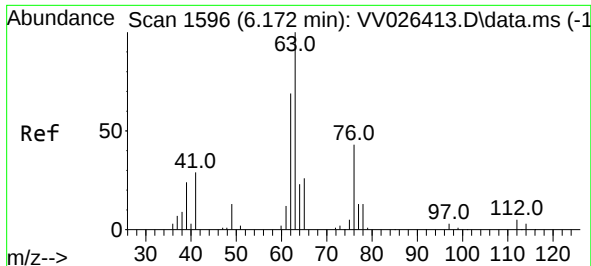
Ion Ratio Lower Upper

83 100

55 72.3 59.3 88.9

98 50.0 39.9 59.9





#37

1,2-Dichloropropane

Concen: 4.879 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

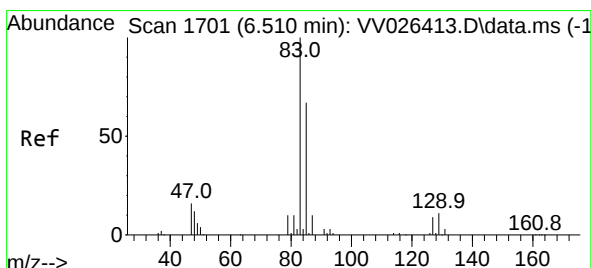
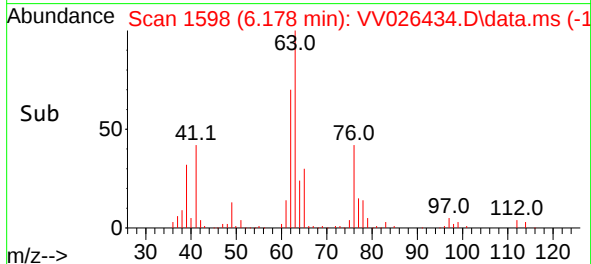
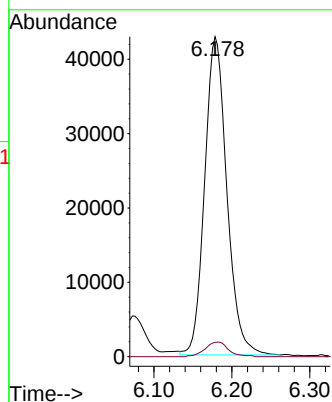
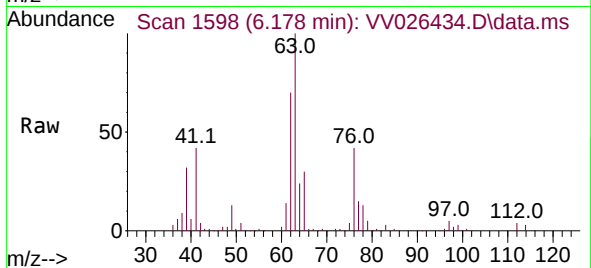
VSTD005327

Tgt Ion: 63 Resp: 84567

Ion Ratio Lower Upper

63 100

112 4.9 3.3 4.9



#38

Bromodichloromethane

Concen: 5.028 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

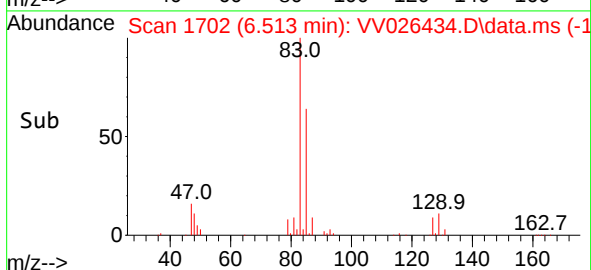
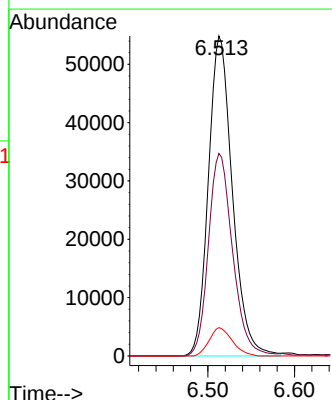
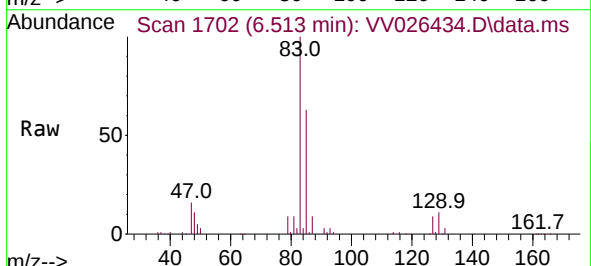
Tgt Ion: 83 Resp: 105689

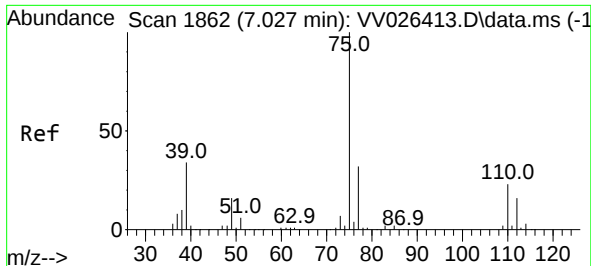
Ion Ratio Lower Upper

83 100

85 63.3 45.6 84.6

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.903 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

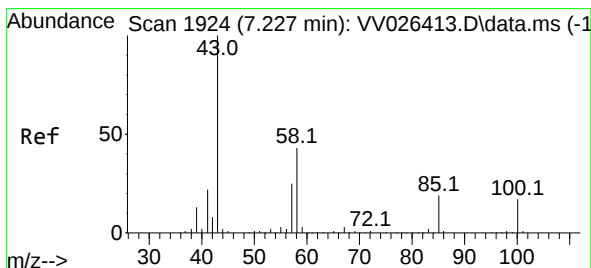
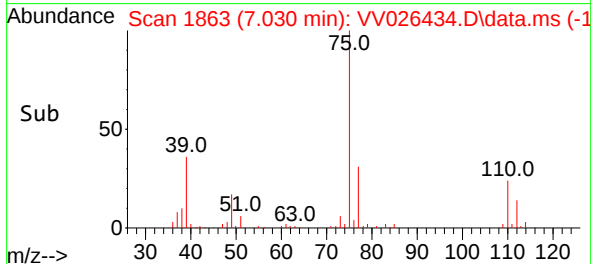
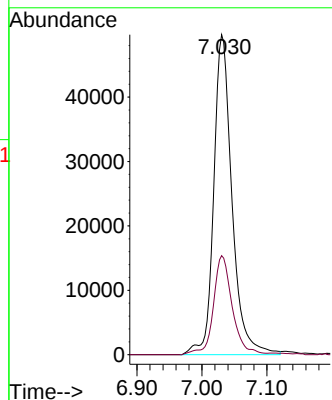
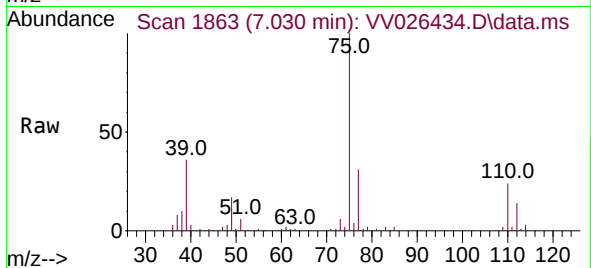
VSTD005327

Tgt Ion: 75 Resp: 96983

Ion Ratio Lower Upper

75 100

77 30.9 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 50.656 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

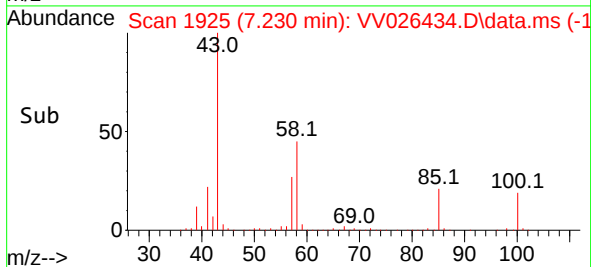
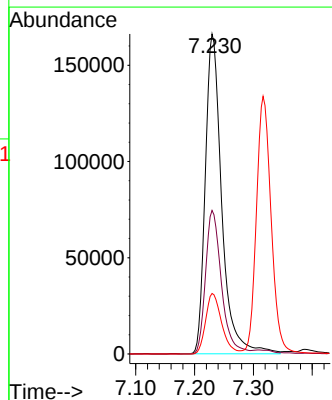
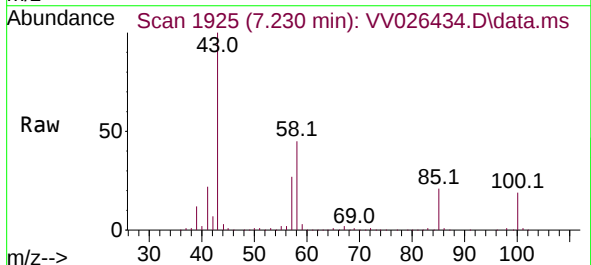
Tgt Ion: 43 Resp: 322818

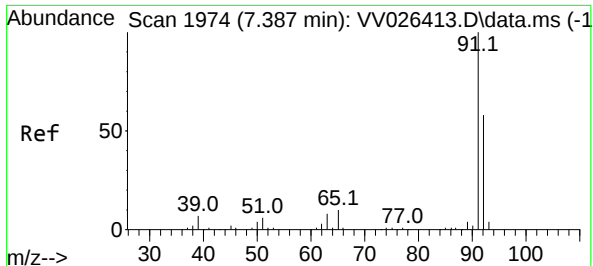
Ion Ratio Lower Upper

43 100

58 43.4 33.3 49.9

100 18.4 13.4 20.2





#42

Toluene

Concen: 5.662 ug/L

RT: 7.390 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

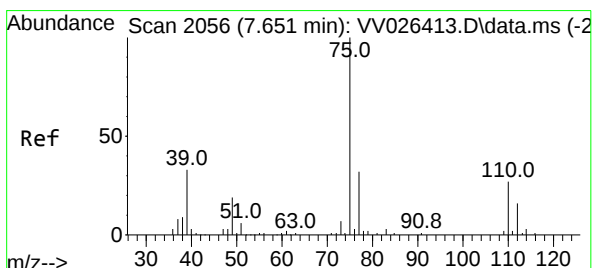
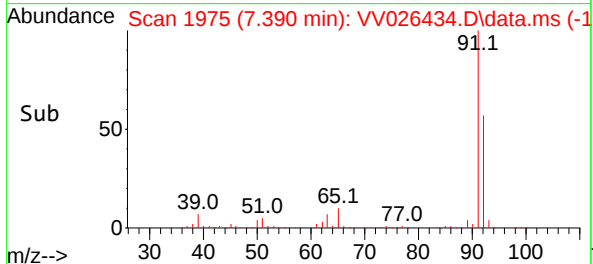
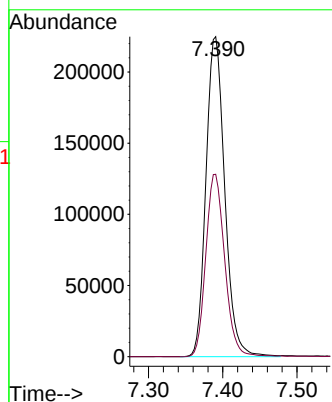
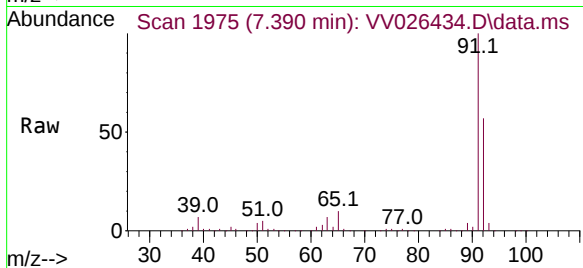
VSTD005327

Tgt Ion: 91 Resp: 394646

Ion Ratio Lower Upper

91 100

92 57.0 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.589 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV026434.D

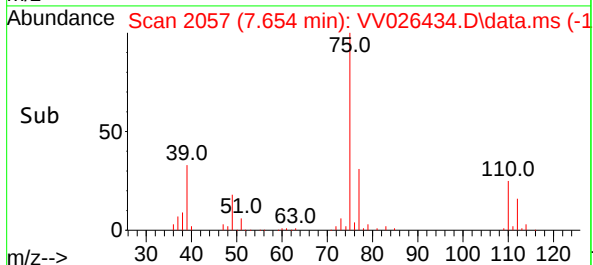
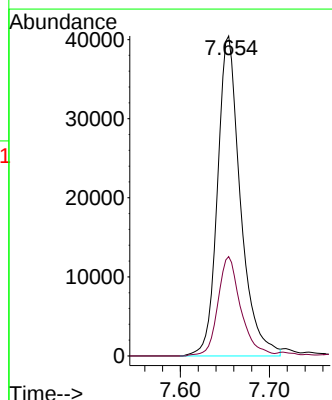
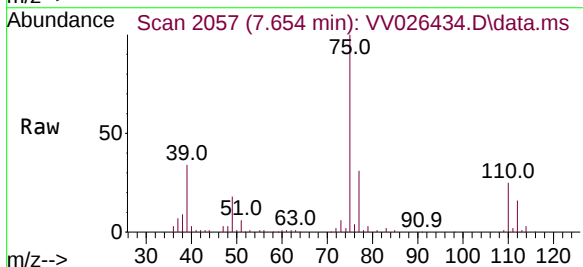
Acq: 18 Jun 2022 20:09

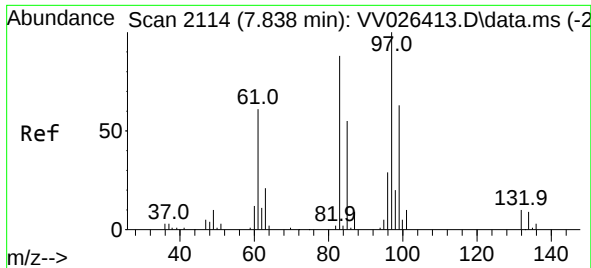
Tgt Ion: 75 Resp: 72496

Ion Ratio Lower Upper

75 100

77 31.1 23.7 43.9

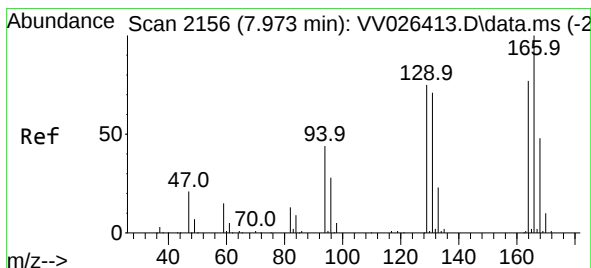
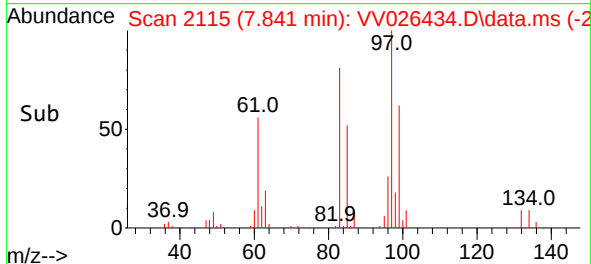
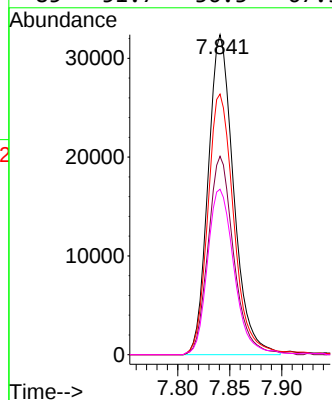
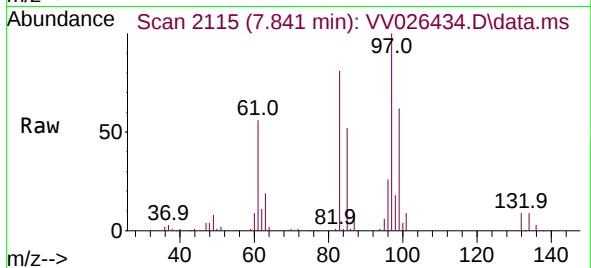




#45
1,1,2-Trichloroethane
Concen: 4.868 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

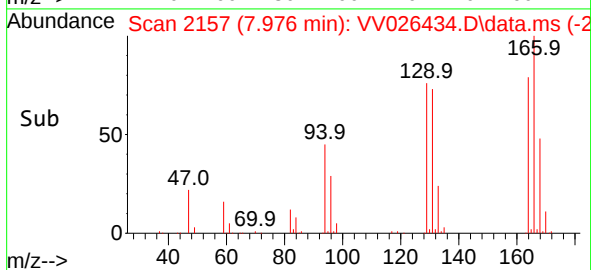
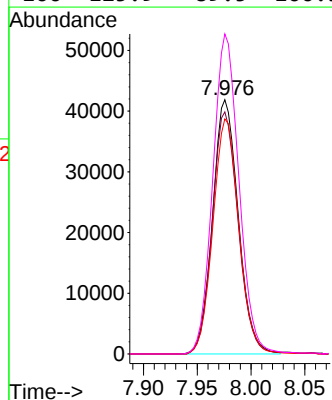
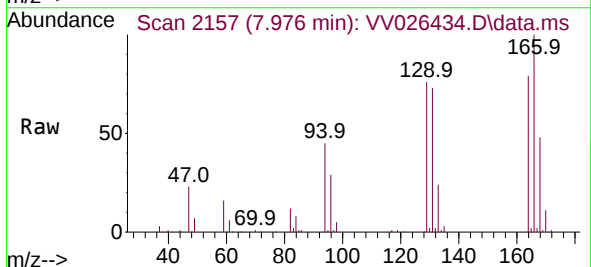
Instrument :
MSVOA_V
ClientSampleId :
VSTD005327

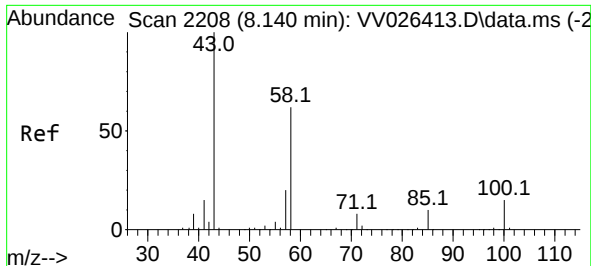
Tgt Ion: 97	Resp: 55385
Ion Ratio	Lower Upper
97 100	
99 62.0	42.4 78.6
83 81.4	56.1 104.1
85 51.7	36.3 67.5



#47
Tetrachloroethene
Concen: 5.201 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

Tgt	Ion:164	Resp:	69696
Ion	Ratio	Lower	Upper
164	100		
129	95.3	67.5	125.3
131	92.5	63.8	118.4
166	125.9	89.5	166.3



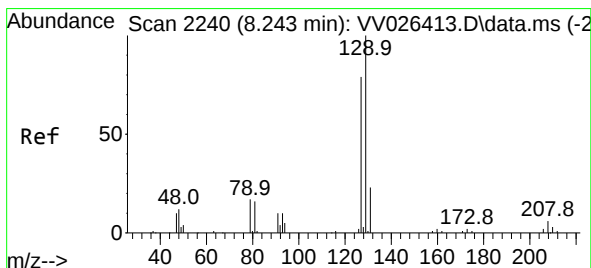
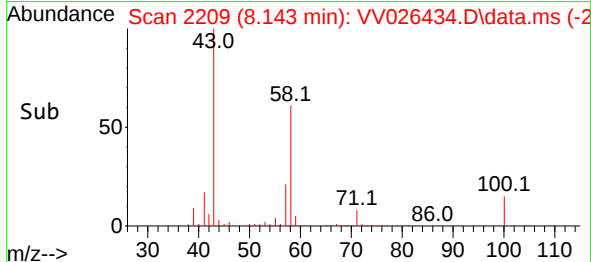
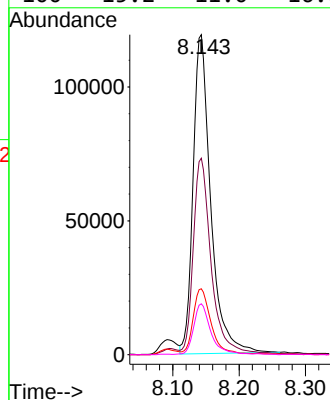
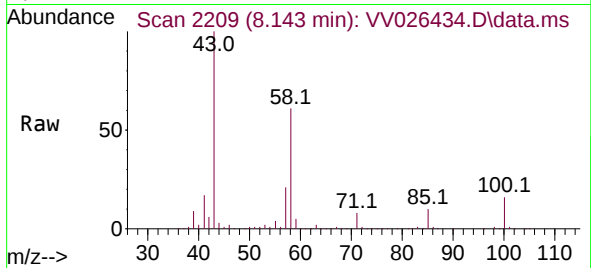


#48
2-Hexanone
Concen: 48.178 ug/L
RT: 8.143 min Scan# 219972
Delta R.T. 0.003 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD005327

Tgt Ion: 43 Resp: 219972

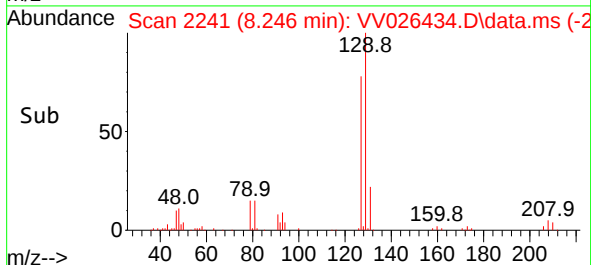
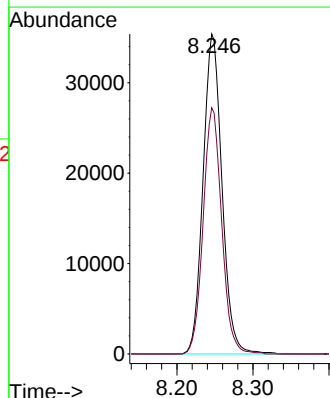
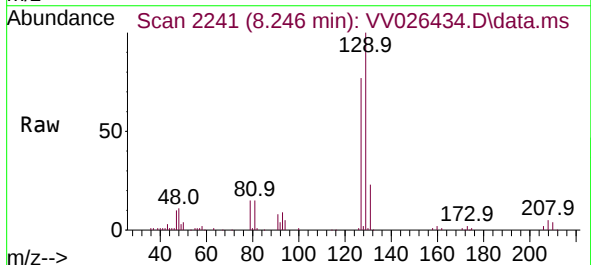
Ion	Ratio	Lower	Upper
43	100		
58	62.2	48.7	73.1
57	20.8	16.0	24.0
100	15.2	11.0	16.6

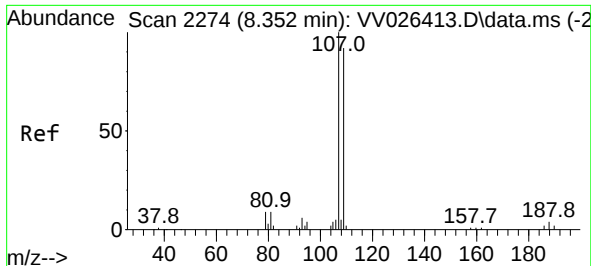


#49
Dibromochloromethane
Concen: 4.858 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

Tgt Ion: 129 Resp: 61199

Ion	Ratio	Lower	Upper
129	100		
127	76.9	56.4	104.7





#50

1,2-Dibromoethane

Concen: 4.767 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

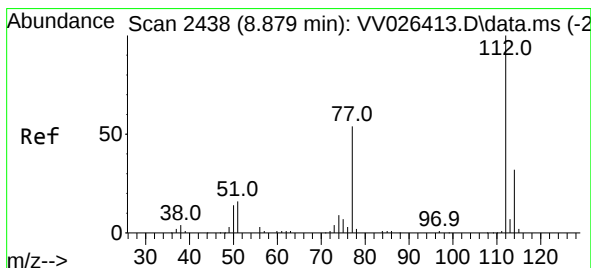
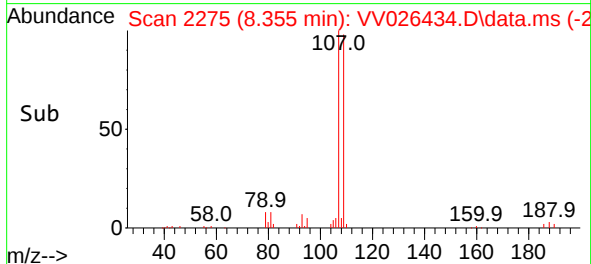
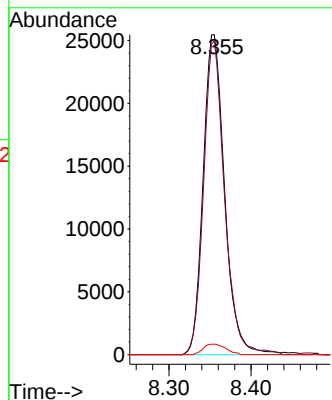
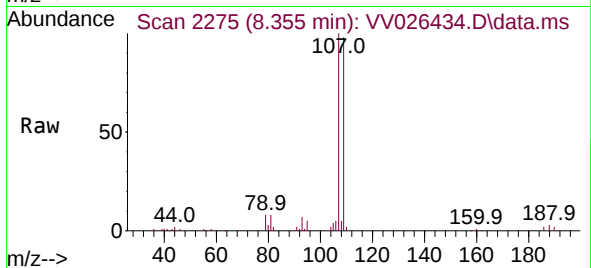
Instrument :

MSVOA_V

ClientSampleId :

VSTD005327

Tgt Ion:107	Resp:	46206
Ion	Ratio	Lower Upper
107	100	
109	98.1	65.2 121.2
188	3.3	2.9 4.3



#51

Chlorobenzene

Concen: 5.331 ug/L

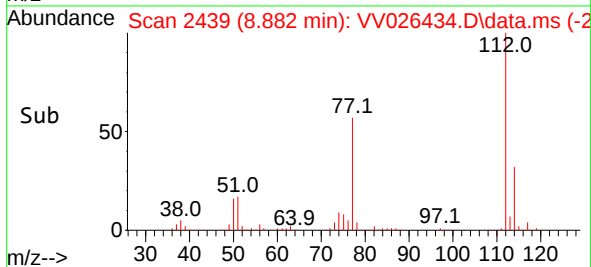
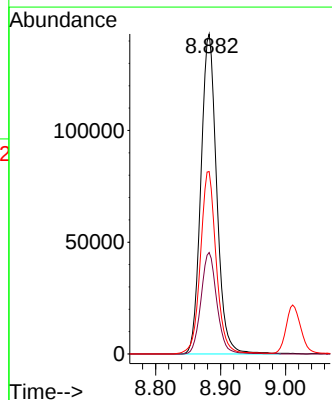
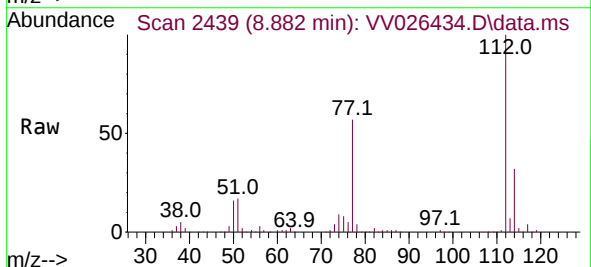
RT: 8.882 min Scan# 2439

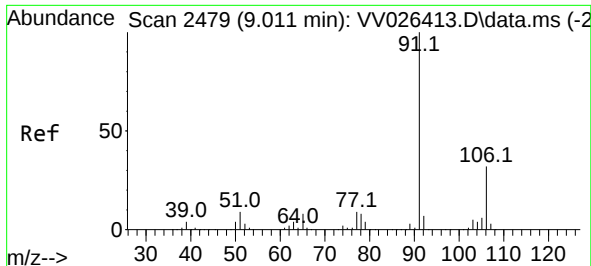
Delta R.T. 0.003 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Tgt Ion:112	Resp:	242607
Ion	Ratio	Lower Upper
112	100	
114	31.7	22.7 42.3
77	57.0	44.5 66.7





#52

Ethylbenzene

Concen: 5.720 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

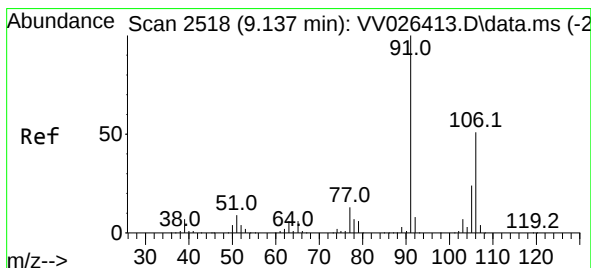
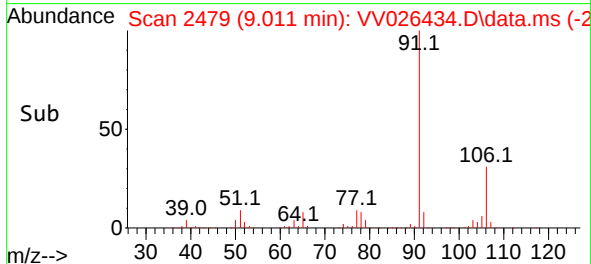
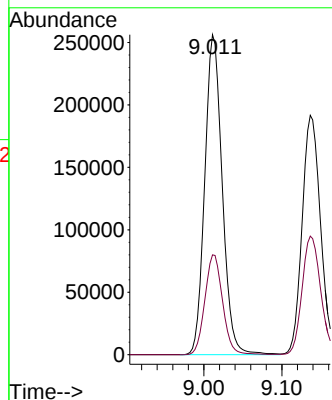
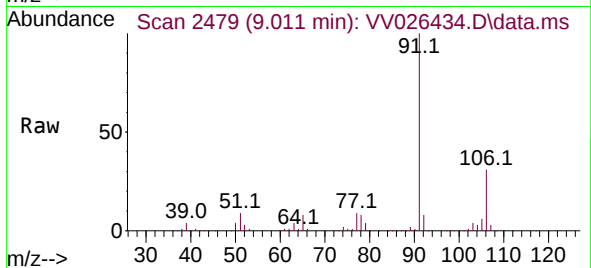
VSTD005327

Tgt Ion: 91 Resp: 399661

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



#53

m,p-Xylene

Concen: 5.834 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV026434.D

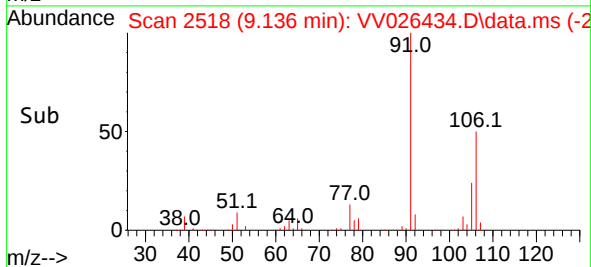
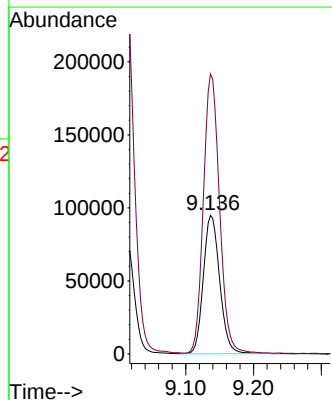
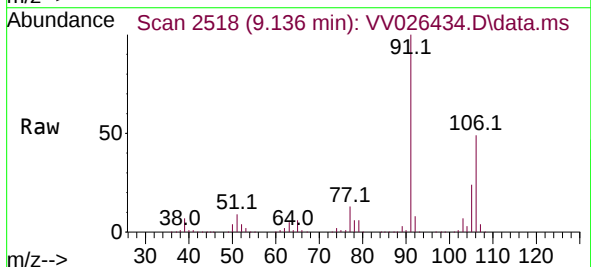
Acq: 18 Jun 2022 20:09

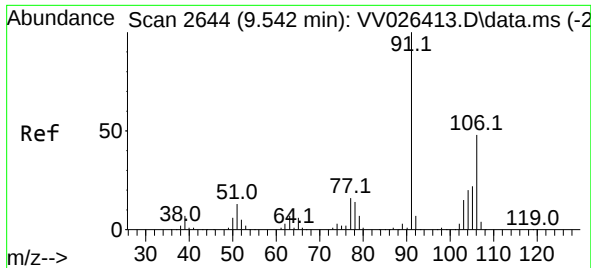
Tgt Ion: 106 Resp: 158892

Ion Ratio Lower Upper

106 100

91 202.1 141.3 262.3

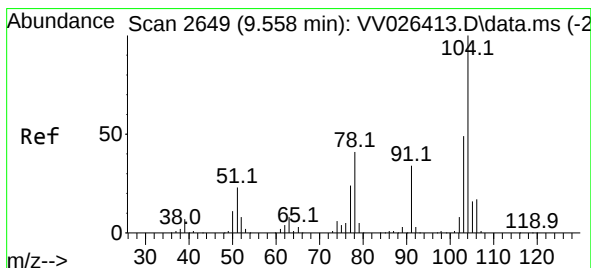
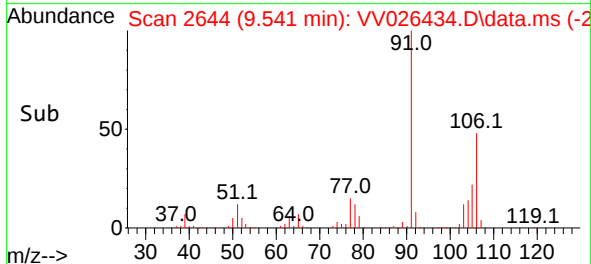
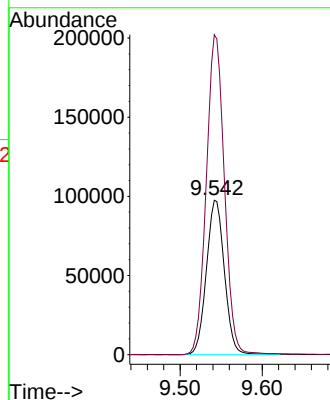
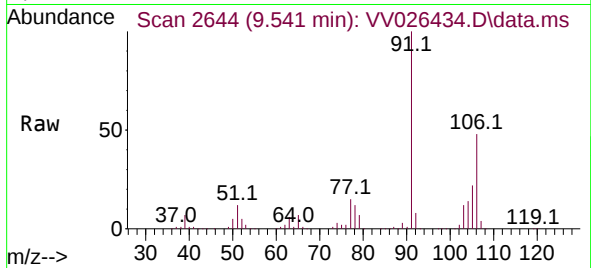




#54
o-Xylene
Concen: 5.651 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

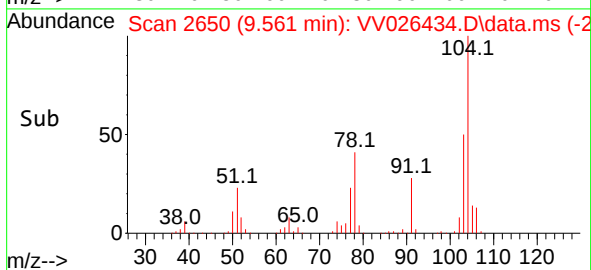
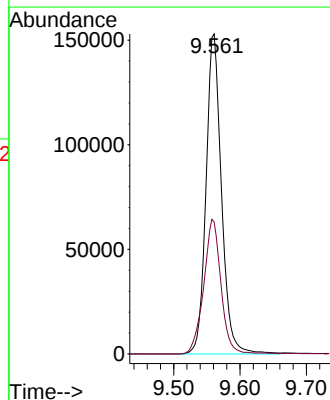
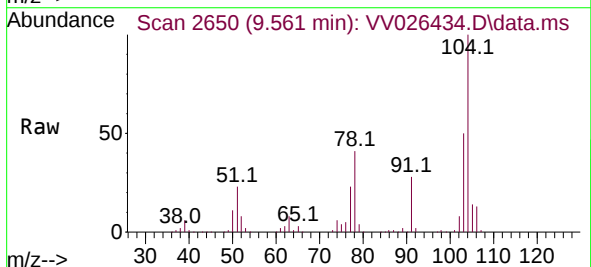
Instrument : MSVOA_V
ClientSampleId : VSTD005327

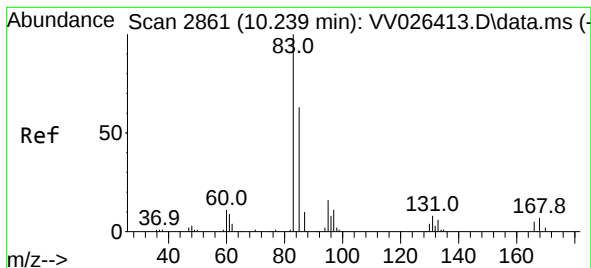
Tgt Ion:106 Resp: 149089
Ion Ratio Lower Upper
106 100
91 207.3 143.3 266.1



#55
Styrene
Concen: 5.593 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

Tgt Ion:104 Resp: 247789
Ion Ratio Lower Upper
104 100
78 41.2 29.5 54.7

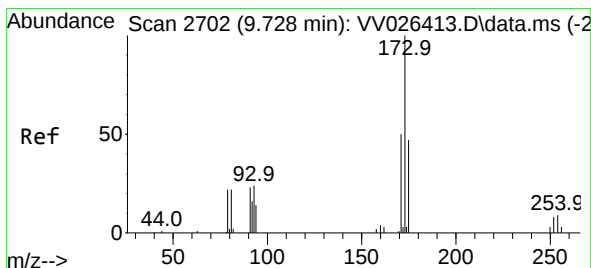
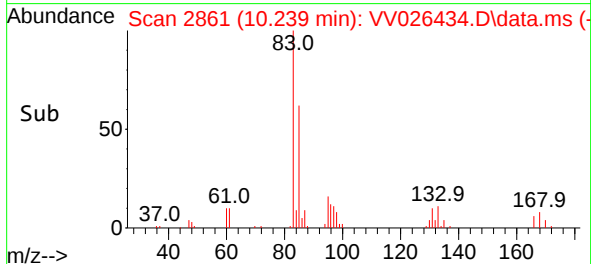
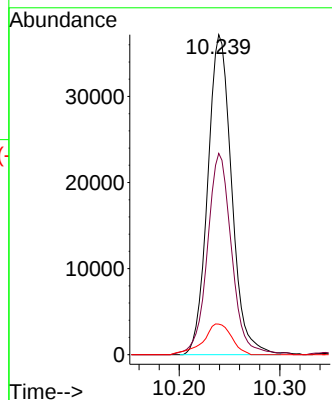
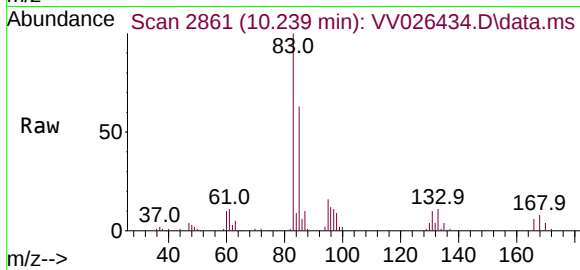




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.322 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

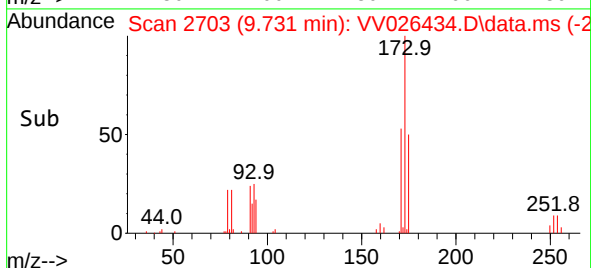
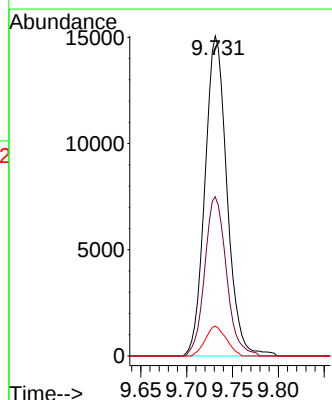
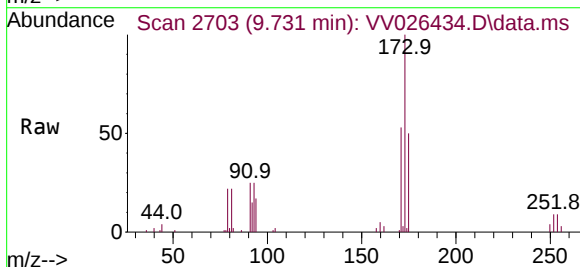
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005327

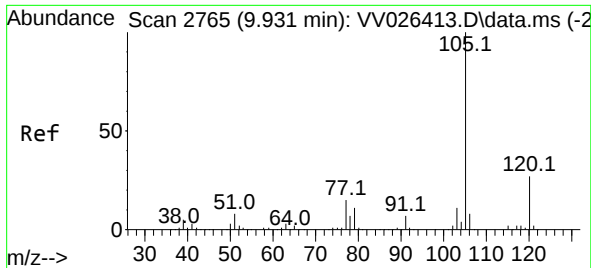
Tgt Ion:	83	Resp:	61409
Ion	Ratio	Lower	Upper
83	100		
85	62.9	47.1	87.5
131	9.5	7.7	11.5



#59
 Bromoform
 Concen: 4.445 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

Tgt Ion:	173	Resp:	25160
Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.3	57.5
254	8.8	6.9	10.3

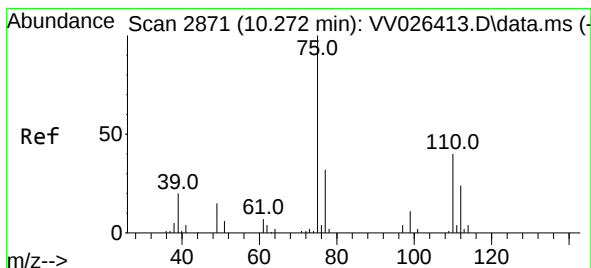
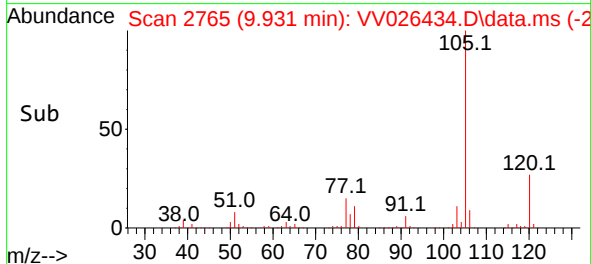
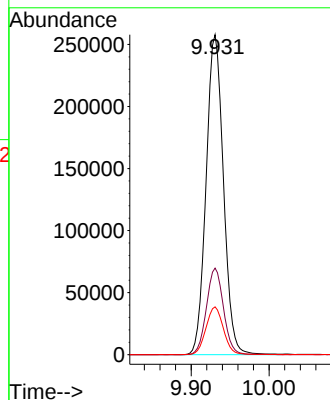
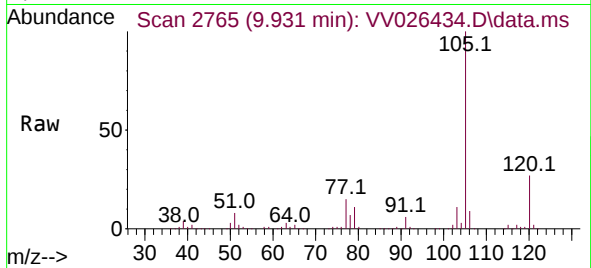




#60
Isopropylbenzene
Concen: 5.798 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

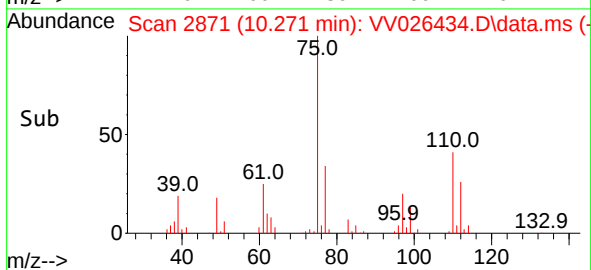
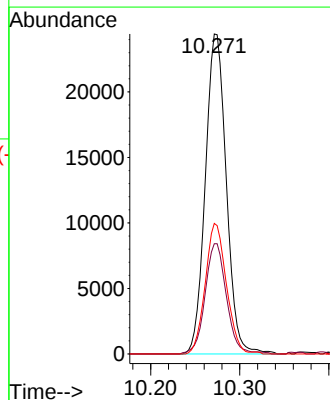
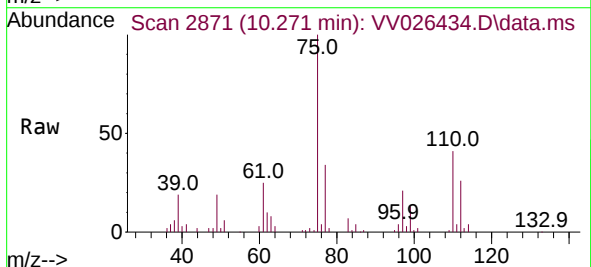
Instrument :
MSVOA_V
ClientSampleId :
VSTD005327

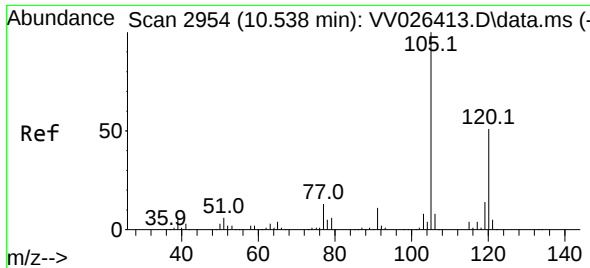
Tgt Ion:105 Resp: 398491
Ion Ratio Lower Upper
105 100
120 26.7 21.5 32.3
77 15.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.768 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

Tgt Ion: 75 Resp: 39890
Ion Ratio Lower Upper
75 100
77 35.1 26.9 40.3
110 41.1 30.7 46.1





#62

1,3,5-Trimethylbenzene

Concen: 5.802 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV026434.D

Acq: 18 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

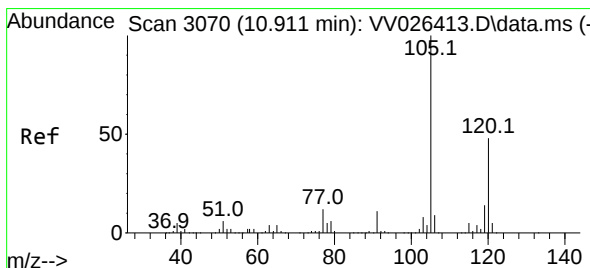
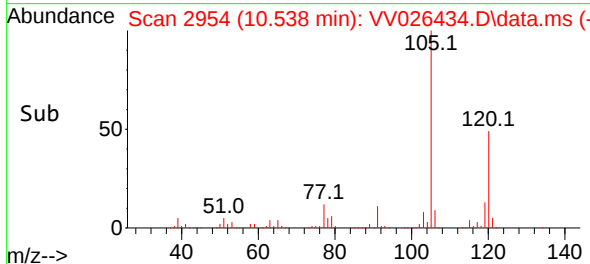
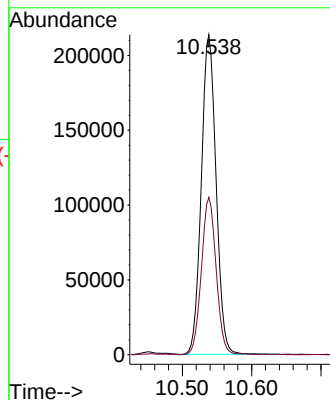
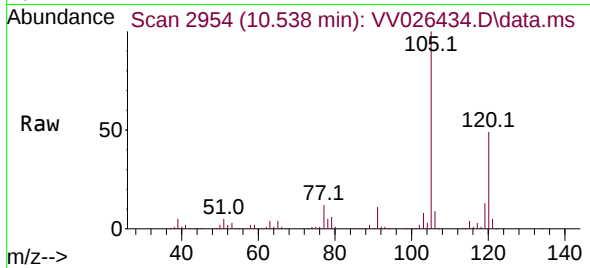
VSTD005327

Tgt Ion:105 Resp: 316455

Ion Ratio Lower Upper

105 100

120 49.3 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.985 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV026434.D

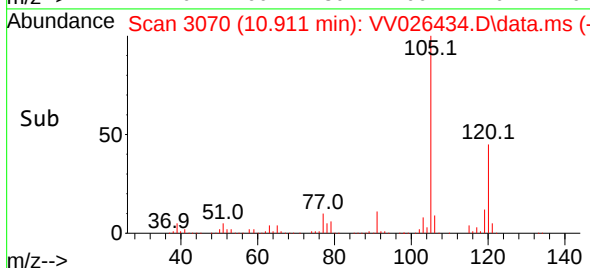
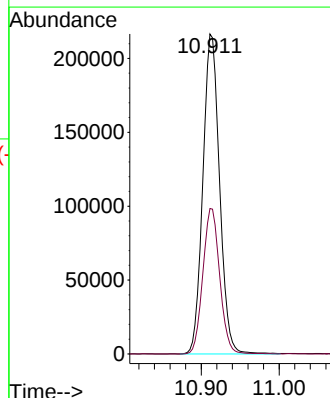
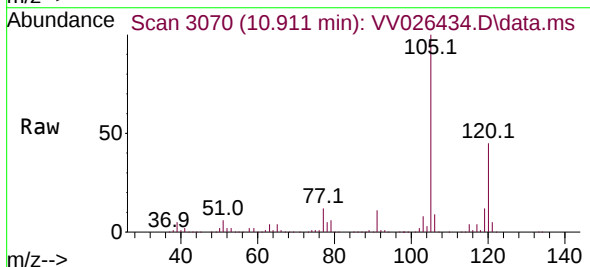
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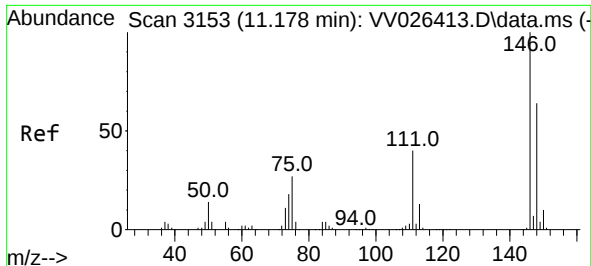
Tgt Ion:105 Resp: 323105

Ion Ratio Lower Upper

105 100

120 45.8 36.9 55.3

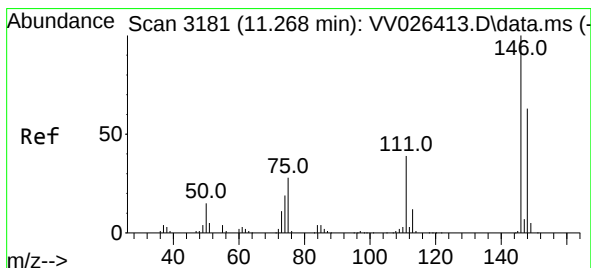
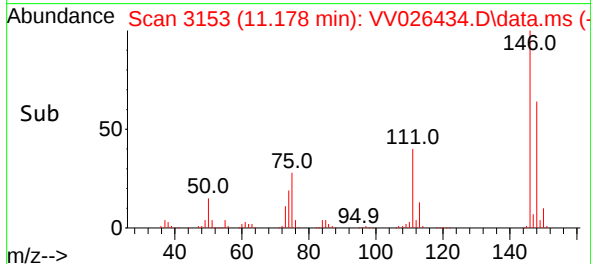
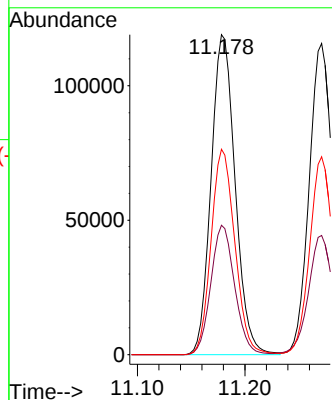
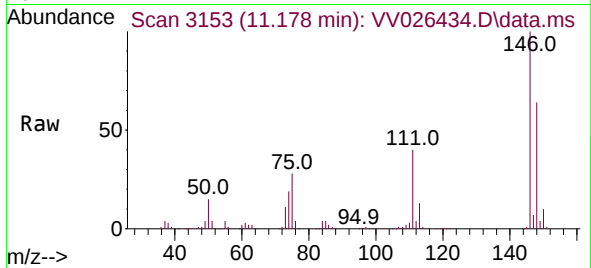




#64
 1,3-Dichlorobenzene
 Concen: 5.477 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

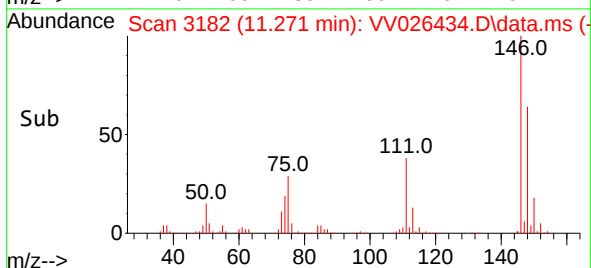
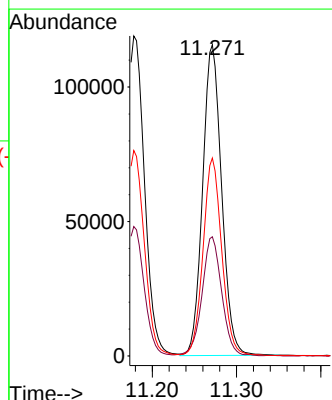
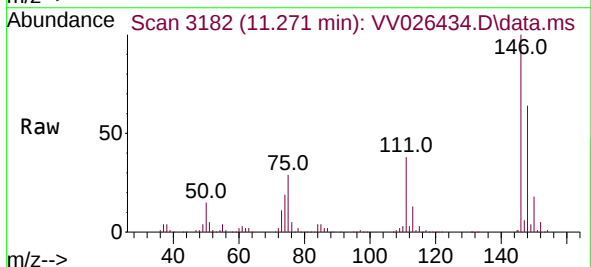
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005327

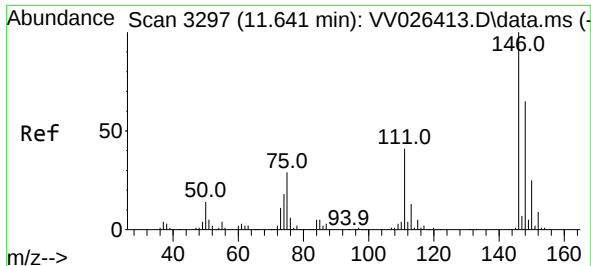
Tgt Ion:146 Resp: 184989
 Ion Ratio Lower Upper
 146 100
 111 40.5 27.8 51.6
 148 64.2 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 5.297 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

Tgt Ion:146 Resp: 181806
 Ion Ratio Lower Upper
 146 100
 111 38.3 26.7 49.7
 148 63.6 43.3 80.3

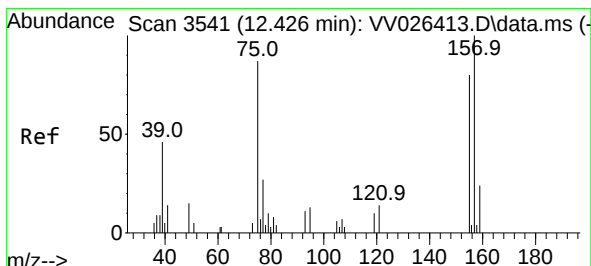
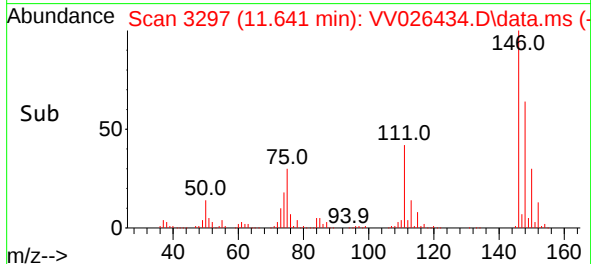
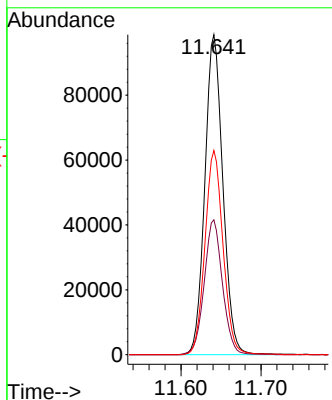
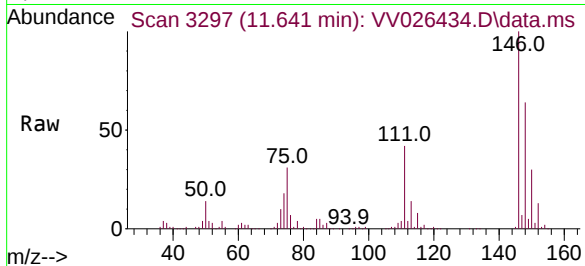




#67
1,2-Dichlorobenzene
Concen: 5.167 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

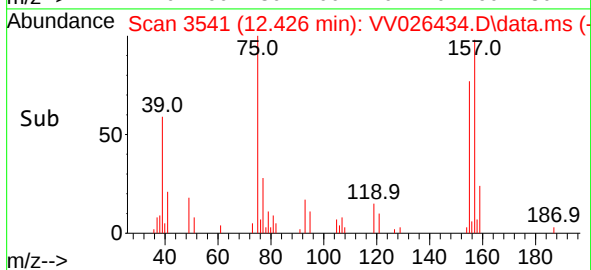
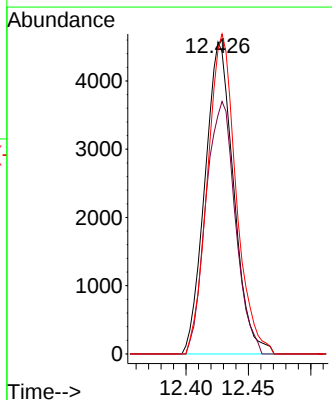
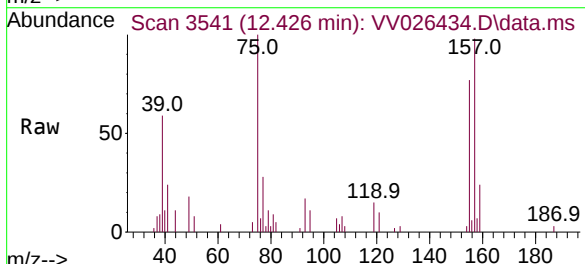
Instrument :
MSVOA_V
ClientSampleId :
VSTD005327

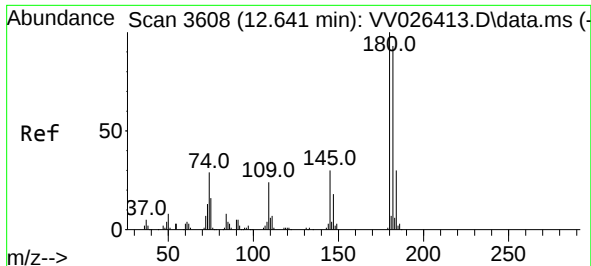
Tgt Ion:146 Resp: 154560
Ion Ratio Lower Upper
146 100
111 42.1 33.8 50.8
148 63.8 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.945 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

Tgt Ion: 75 Resp: 7329
Ion Ratio Lower Upper
75 100
155 76.6 63.7 95.5
157 97.6 85.0 127.6

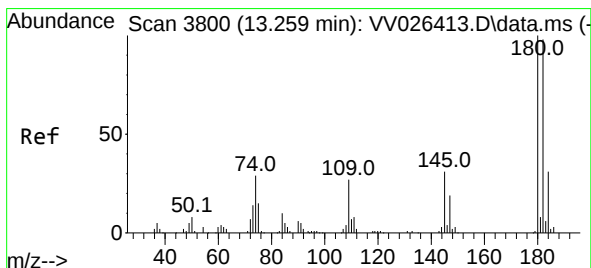
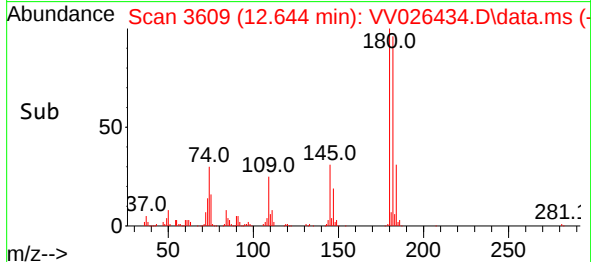
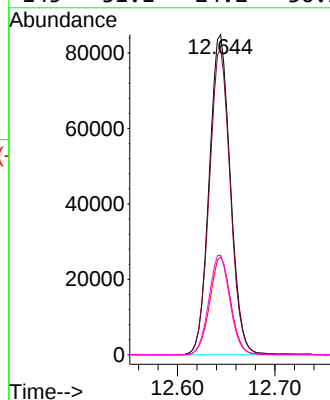
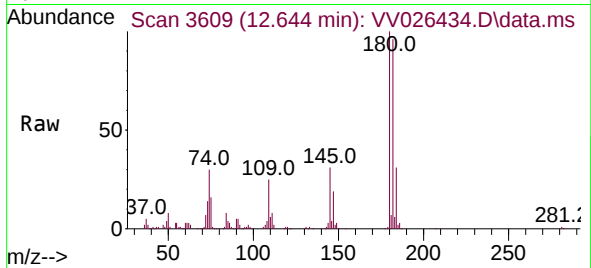




#69
 1,3,5-Trichlorobenzene
 Concen: 5.232 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

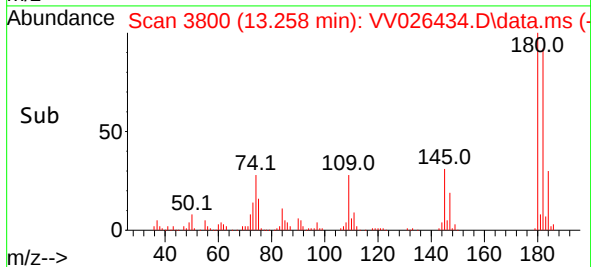
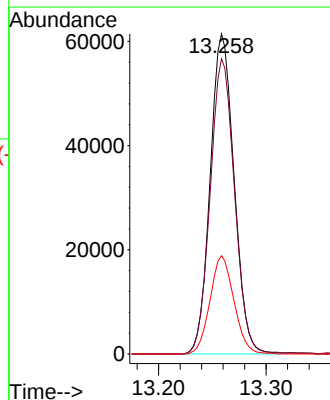
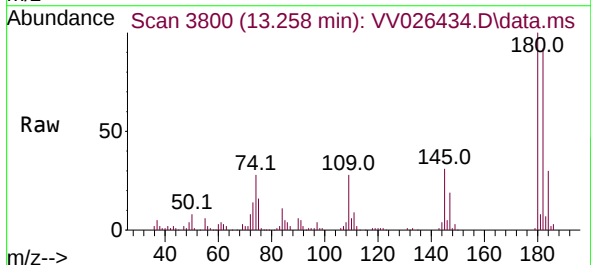
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005327

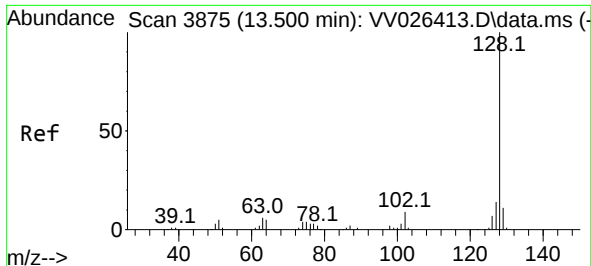
Tgt Ion:180	Resp:	127776
Ion	Ratio	Lower Upper
180	100	
182	94.9	75.5 113.3
184	30.3	23.7 35.5
145	31.1	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.265 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026434.D
 Acq: 18 Jun 2022 20:09

Tgt Ion:180	Resp:	94829
Ion	Ratio	Lower Upper
180	100	
182	94.1	76.2 114.2
145	30.8	23.9 35.9

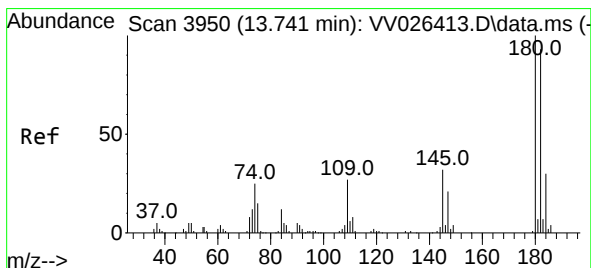
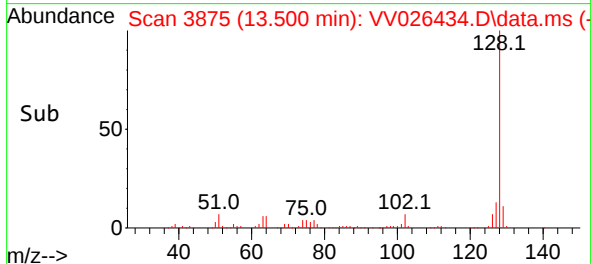
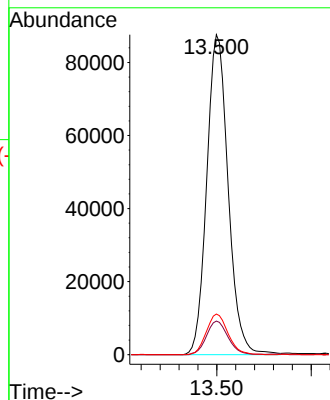
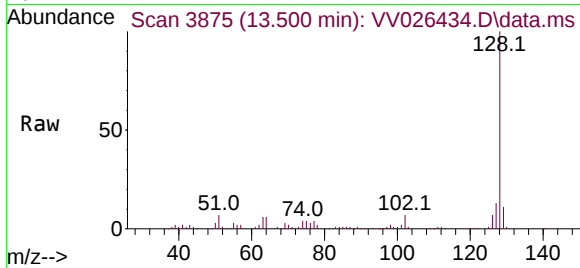




#71
Naphthalene
Concen: 5.509 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD005327

Tgt Ion:128 Resp: 137763
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.9 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.247 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026434.D
Acq: 18 Jun 2022 20:09

Tgt Ion:180 Resp: 79115
Ion Ratio Lower Upper
180 100
182 94.0 77.9 116.9
145 33.0 26.7 40.1

