

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022471.D
 Acq On : 01 Oct 2021 07:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050354

Quant Time: Oct 01 07:37:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	226880	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	217139	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90645	47.078	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.160%
7) Chloroethane-d5	1.535	69	45633	29.964	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.920%#
11) 1,1-Dichloroethene-d2	2.098	63	162358	48.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.000%
21) 2-Butanone-d5	3.876	46	116417	85.673	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.670%
24) Chloroform-d	4.346	84	158553	45.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.031	65	94785	44.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.920%
32) Benzene-d6	5.047	84	317350	46.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.920%
36) 1,2-Dichloropropane-d6	6.069	67	98129	44.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.800%
41) Toluene-d8	7.313	98	297707	47.615	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	7.622	79	40423	40.508	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.020%
47) 2-Hexanone-d5	8.091	63	82685	93.115	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.110%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	148903	46.939	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.880%
66) 1,2-Dichlorobenzene-d4	11.625	152	125787	45.800	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	106907	49.444	ug/L	100
3) Chloromethane	1.236	50	113220	51.203	ug/L	99
5) Vinyl chloride	1.307	62	112634	54.580	ug/L	99
6) Bromomethane	1.497	94	51991	39.248	ug/L	98
8) Chloroethane	1.552	64	59425	47.227	ug/L	98
9) Trichlorofluoromethane	1.732	101	154775	55.241	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	83782	53.333	ug/L	98
12) 1,1-Dichloroethene	2.108	96	83092	55.680	ug/L	80
13) Acetone	2.162	43	83833	78.606	ug/L	99
14) Carbon disulfide	2.281	76	236822	50.859	ug/L	100
15) Methyl Acetate	2.423	43	101988	51.306	ug/L	100
16) Methylene chloride	2.500	84	102574	49.319	ug/L	97
17) trans-1,2-Dichloroethene	2.751	96	89829	52.195	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	278039	54.327	ug/L	99
19) 1,1-Dichloroethane	3.182	63	162165	52.202	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	96044	52.398	ug/L	98
22) 2-Butanone	3.960	43	124995	89.093	ug/L	99
23) Bromochloromethane	4.243	128	52345	52.676	ug/L	98
25) Chloroform	4.371	83	166947	52.169	ug/L	99

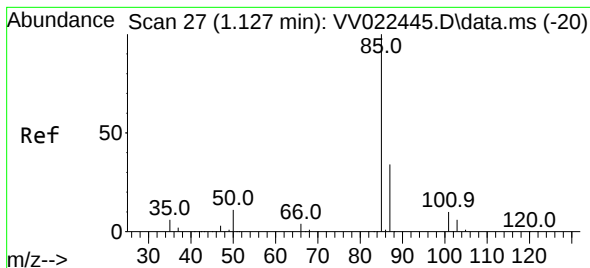
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
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 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	119038	52.311	ug/L	98
29) Cyclohexane	4.674	56	133458	52.452	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	144528	55.455	ug/L	99
31) Carbon tetrachloride	4.825	117	124932	54.429	ug/L	99
33) Benzene	5.095	78	360735	54.438	ug/L	100
34) Trichloroethene	5.912	95	90861	53.318	ug/L	99
35) Methylcyclohexane	6.130	83	134320	51.165	ug/L	99
37) 1,2-Dichloropropane	6.172	63	92867	54.607	ug/L	99
38) Bromodichloromethane	6.510	83	116077	53.382	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	124227	49.629	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	254644	106.411	ug/L	98
42) Toluene	7.387	91	385720	54.532	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	118946	49.769	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	92803	53.619	ug/L	98
46) Tetrachloroethene	7.976	164	75716	53.962	ug/L	96
48) 2-Hexanone	8.140	43	202790	111.586	ug/L	100
49) Dibromochloromethane	8.246	129	100364	54.800	ug/L	98
50) 1,2-Dibromoethane	8.352	107	98698	53.348	ug/L	94
51) Chlorobenzene	8.882	112	245098	52.670	ug/L	99
52) Ethylbenzene	9.014	91	396593	53.530	ug/L	100
53) m,p-Xylene	9.140	106	155697	54.570	ug/L	100
54) o-Xylene	9.545	106	156746	56.540	ug/L	99
55) Styrene	9.561	104	272568	56.550	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	159512	55.678	ug/L	100
59) Bromoform	9.735	173	74201	53.549	ug/L	99
60) Isopropylbenzene	9.934	105	401074	52.718	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	121740	52.832	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	334390	53.336	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	343414	54.280	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	200669	52.031	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	203825	51.886	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	214674	54.508	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	30577	50.254	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	141072	50.705	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	111897	47.532	ug/L	99
71) Naphthalene	13.503	128	360121	49.926	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	124073	51.046	ug/L	98

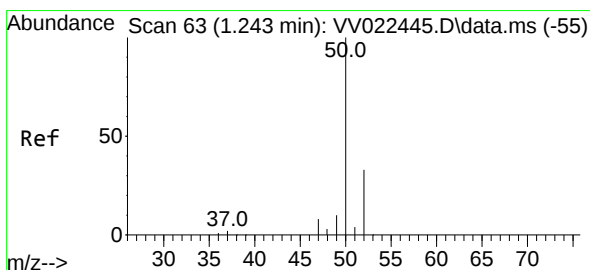
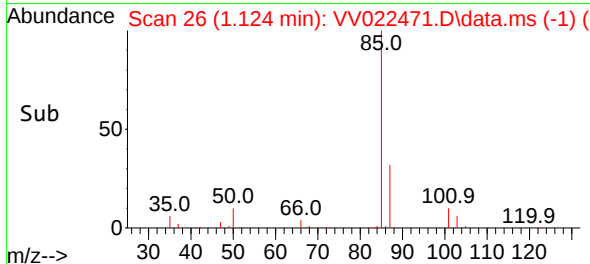
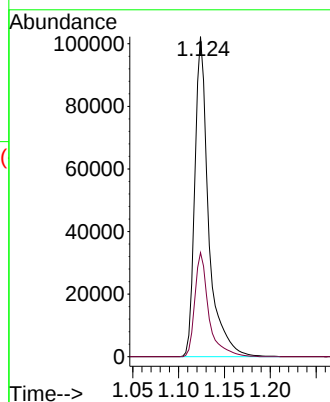
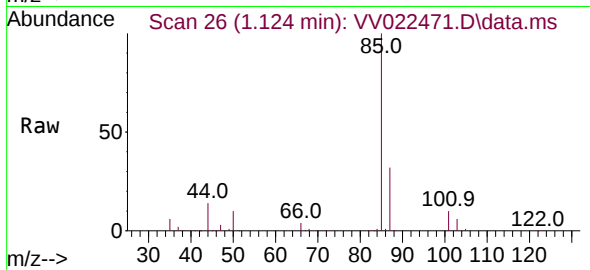
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 49.444 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.003 min
 Lab File: VV022471.D
 Acq: 01 Oct 2021 07:17

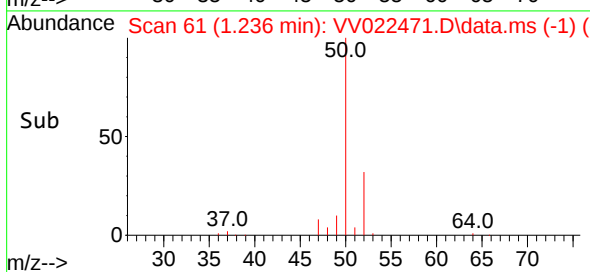
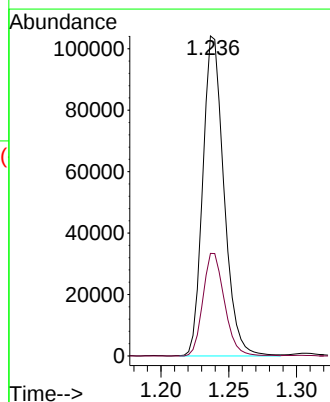
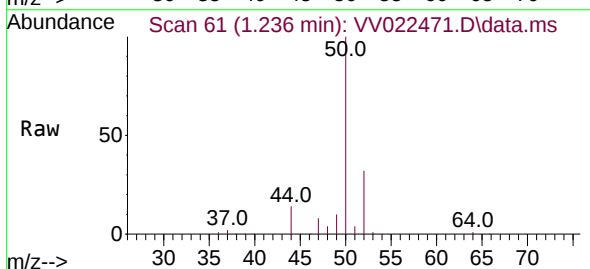
Instrument :
 MSVOA_V
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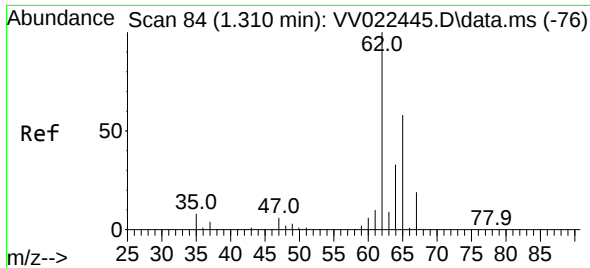
Tgt Ion: 85 Resp: 106907
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.2



#3
 Chloromethane
 Concen: 51.203 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VV022471.D
 Acq: 01 Oct 2021 07:17

Tgt Ion: 50 Resp: 113220
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.0 42.6

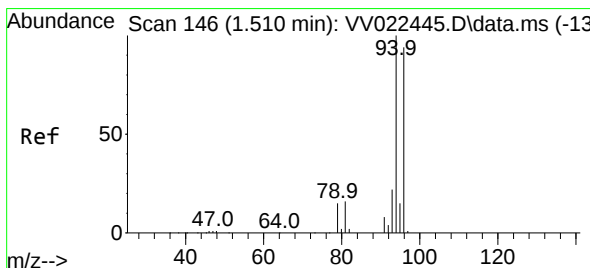
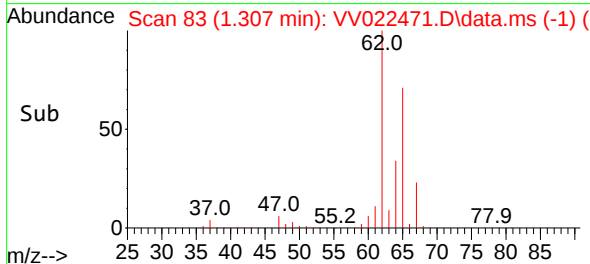
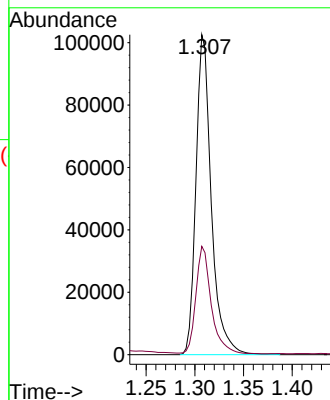
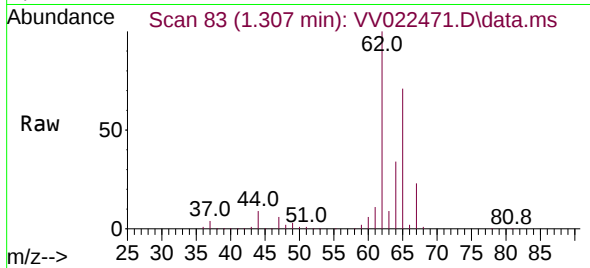




#5
 Vinyl chloride
 Concen: 54.580 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022471.D
 Acq: 01 Oct 2021 07:17

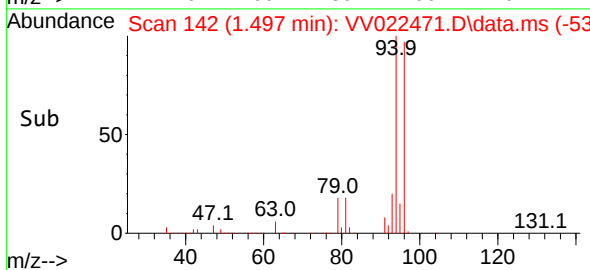
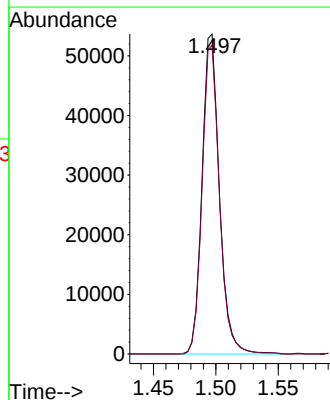
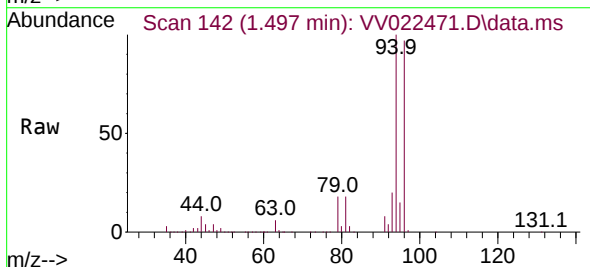
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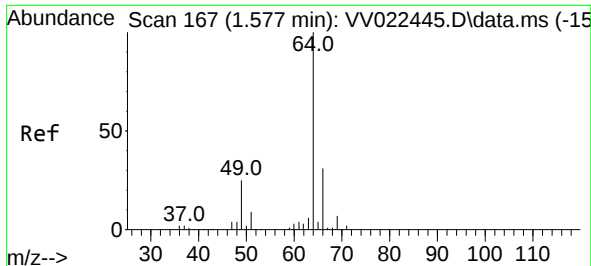
Tgt Ion: 62 Resp: 112634
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.4 43.6



#6
 Bromomethane
 Concen: 39.248 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. -0.013 min
 Lab File: VV022471.D
 Acq: 01 Oct 2021 07:17

Tgt Ion: 94 Resp: 51991
 Ion Ratio Lower Upper
 94 100
 96 96.5 66.1 122.8

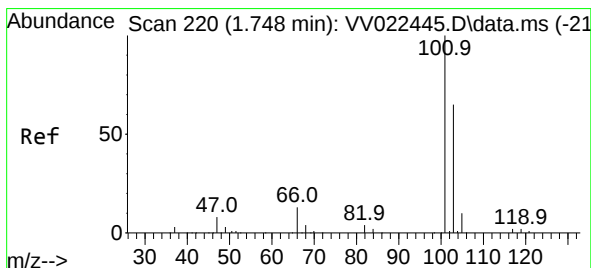
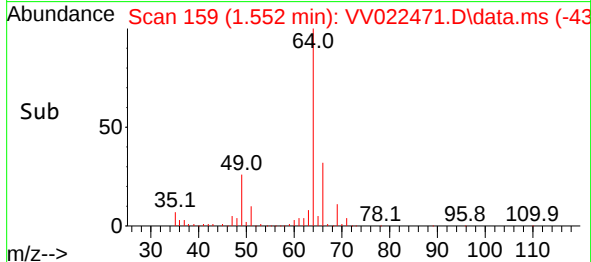
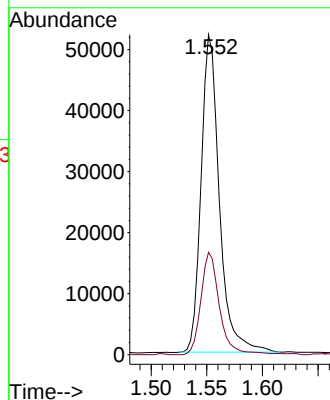
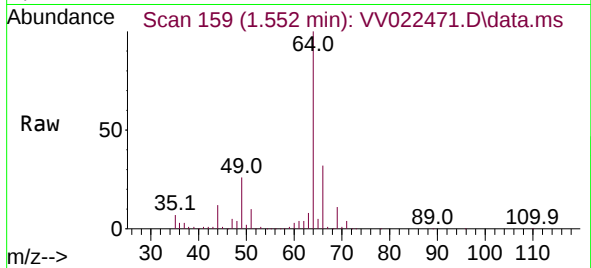




#8
Chloroethane
Concen: 47.227 ug/L
RT: 1.552 min Scan# 159
Delta R.T. -0.026 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

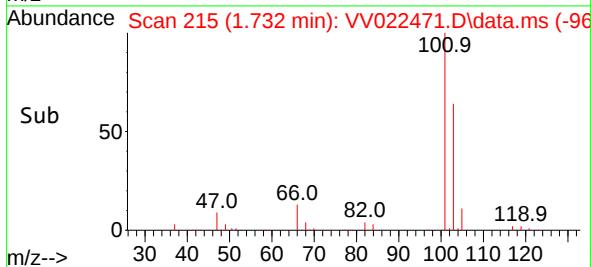
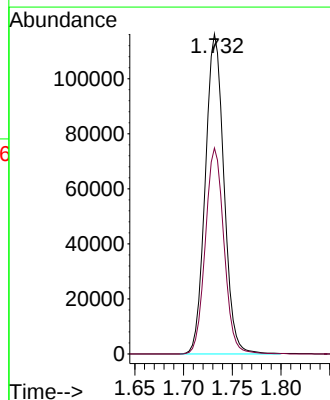
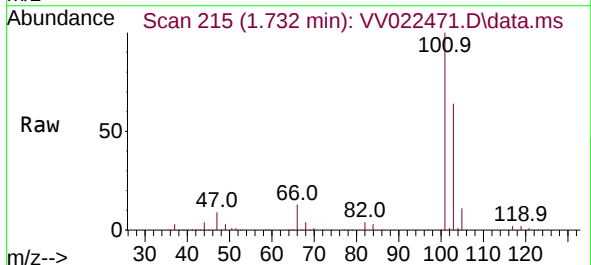
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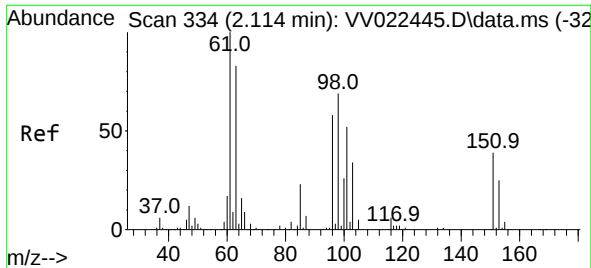
Tgt Ion: 64 Resp: 59425
Ion Ratio Lower Upper
64 100
66 32.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 55.241 ug/L
RT: 1.732 min Scan# 215
Delta R.T. -0.016 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion:101 Resp: 154775
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

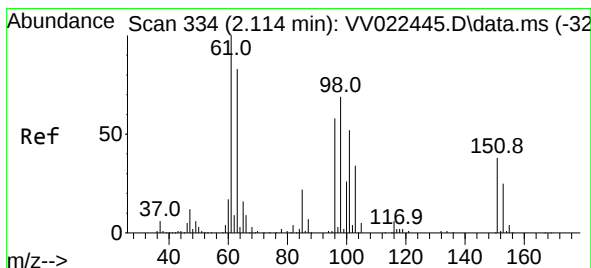
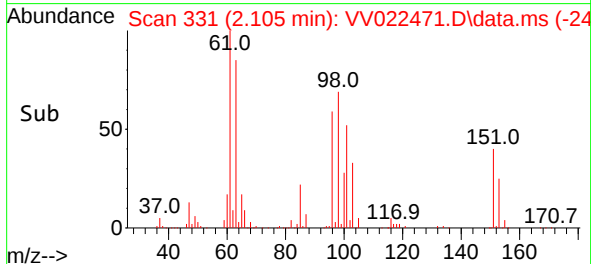
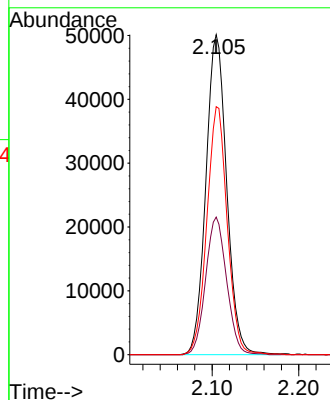
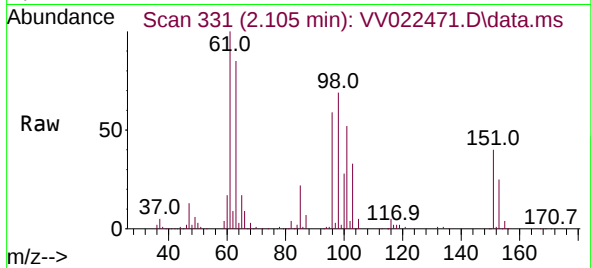




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.333 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.010 min
 Lab File: VV022471.D
 Acq: 01 Oct 2021 07:17

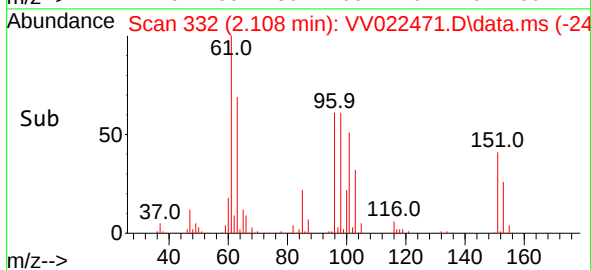
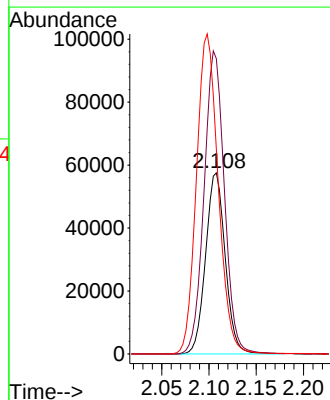
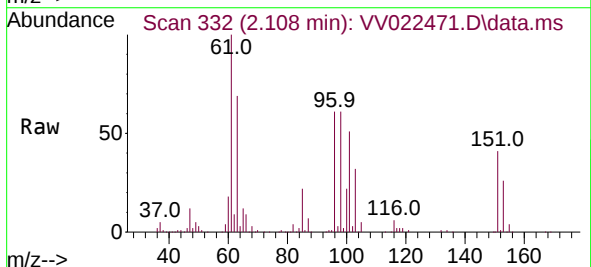
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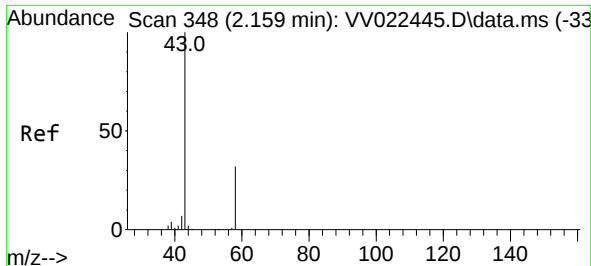
Tgt Ion:101 Resp: 83782
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.5 53.3
 151 75.7 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 55.680 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV022471.D
 Acq: 01 Oct 2021 07:17

Tgt Ion: 96 Resp: 83092
 Ion Ratio Lower Upper
 96 100
 61 162.9 124.4 231.0
 63 112.9 106.0 196.8

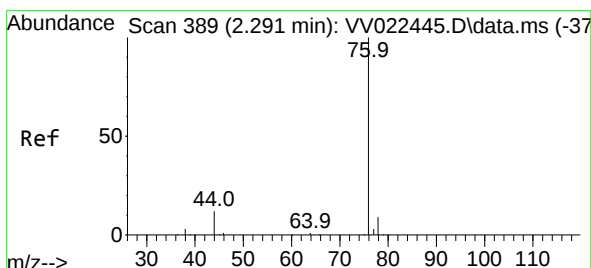
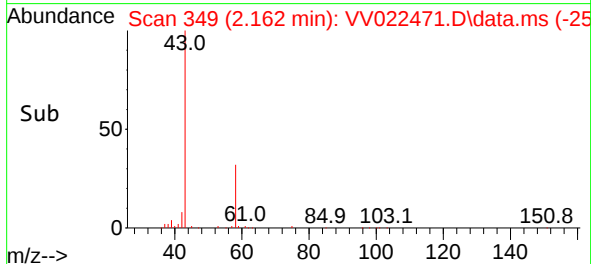
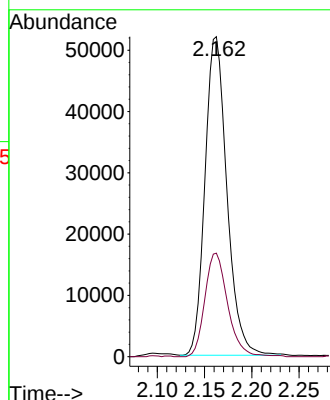
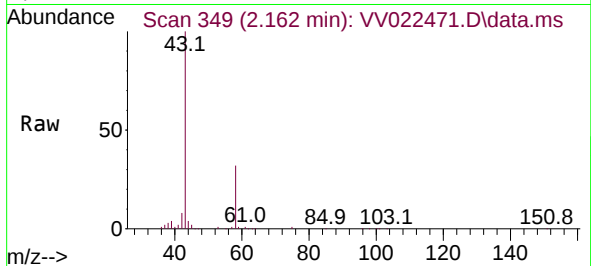




#13
Acetone
Concen: 78.606 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

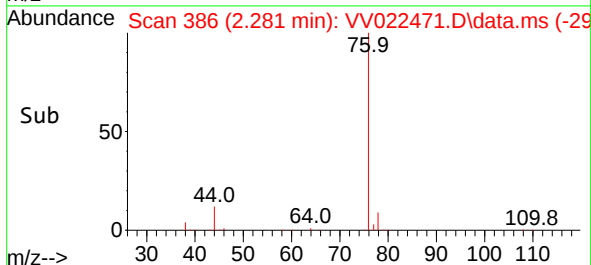
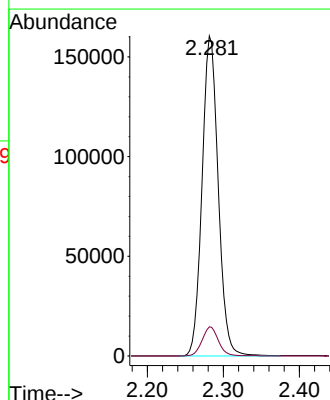
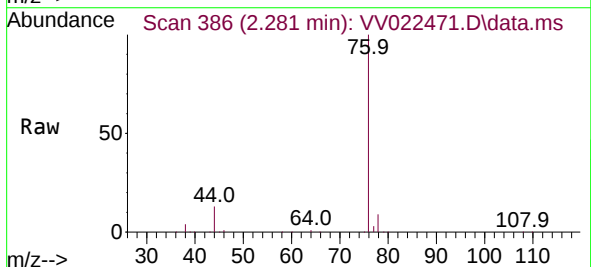
Instrument :
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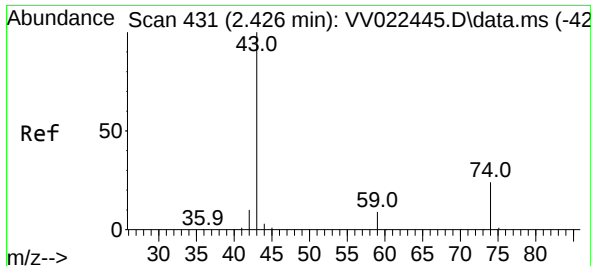
Tgt Ion: 43 Resp: 83833
Ion Ratio Lower Upper
43 100
58 33.9 0.0 67.2



#14
Carbon disulfide
Concen: 50.859 ug/L
RT: 2.281 min Scan# 386
Delta R.T. -0.010 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 76 Resp: 236822
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

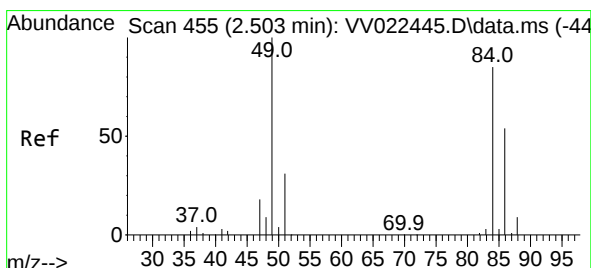
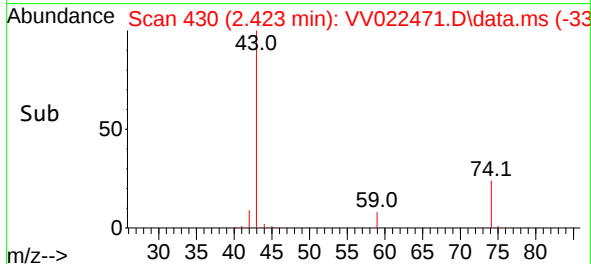
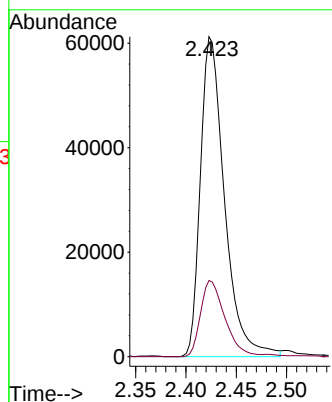
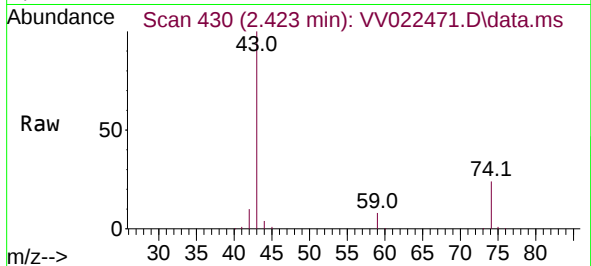




#15
Methyl Acetate
Concen: 51.306 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

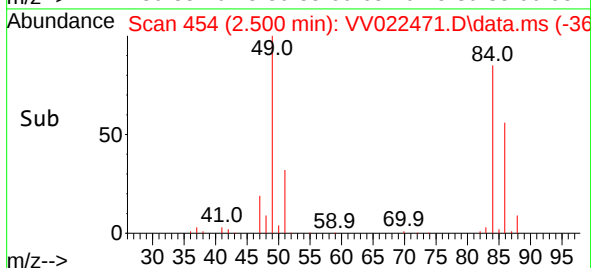
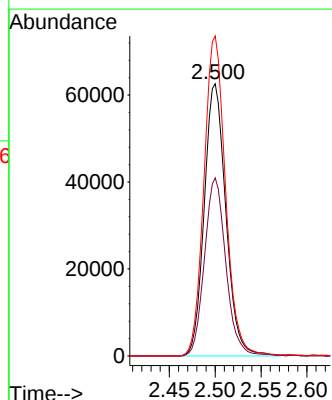
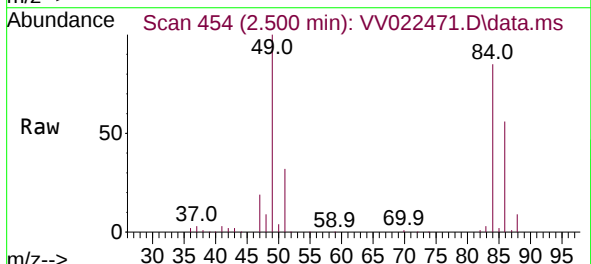
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

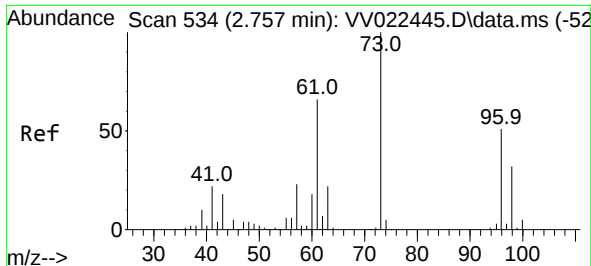
Tgt Ion: 43 Resp: 101988
Ion Ratio Lower Upper
43 100
74 24.0 19.0 28.6



#16
Methylene chloride
Concen: 49.319 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 84 Resp: 102574
Ion Ratio Lower Upper
84 100
86 65.4 44.6 82.8
49 117.6 85.3 158.3

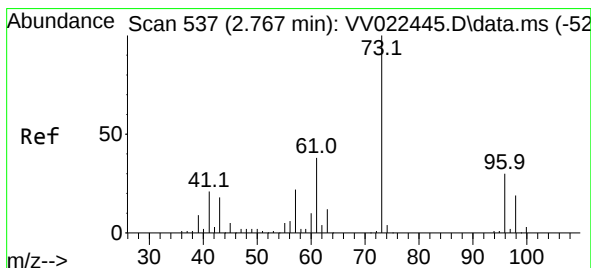
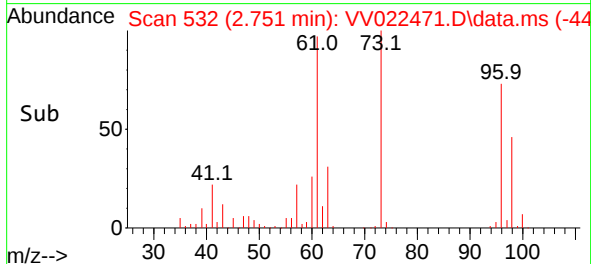
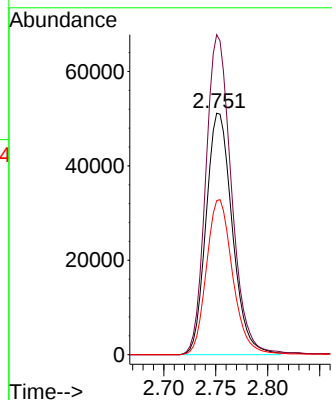
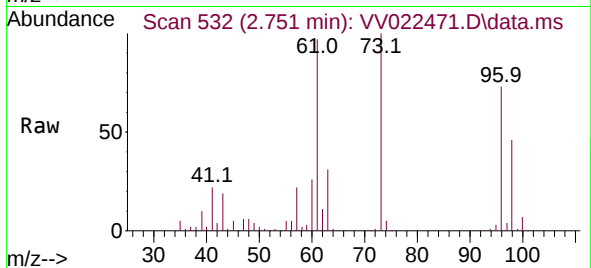




#17
trans-1,2-Dichloroethene
Concen: 52.195 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.006 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

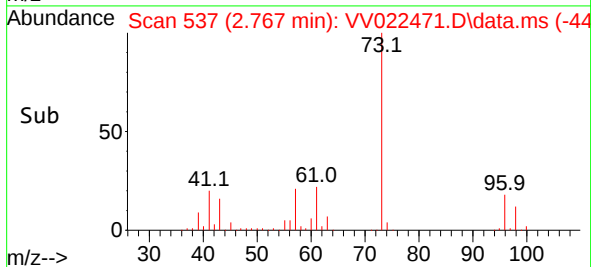
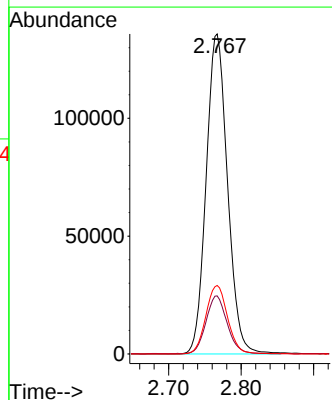
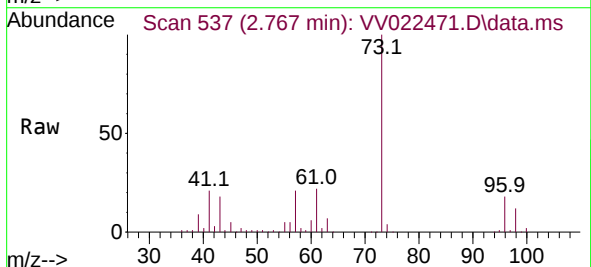
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

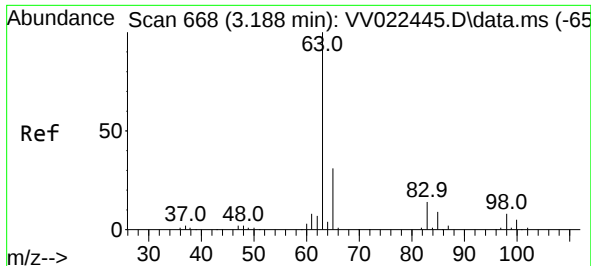
Tgt Ion: 96 Resp: 89829
Ion Ratio Lower Upper
96 100
61 132.5 92.7 172.1
98 63.8 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 54.327 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 73 Resp: 278039
Ion Ratio Lower Upper
73 100
43 17.8 14.6 21.8
57 21.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 52.202 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.006 min

Lab File: VV022471.D

Acq: 01 Oct 2021 07:17

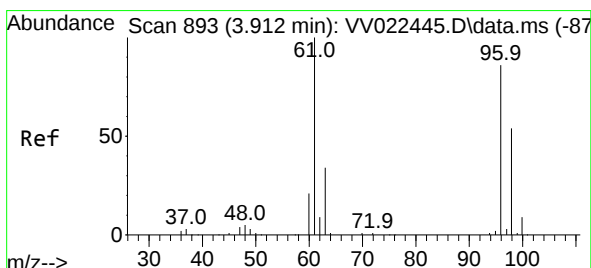
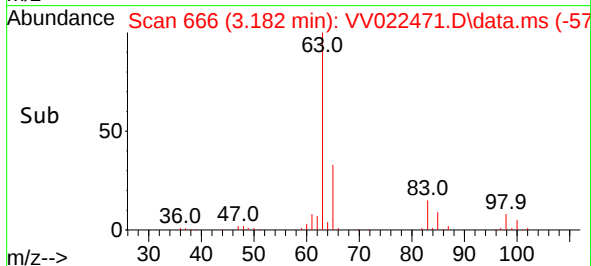
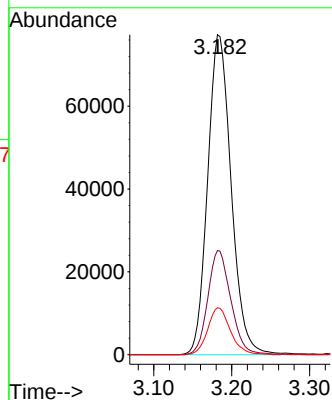
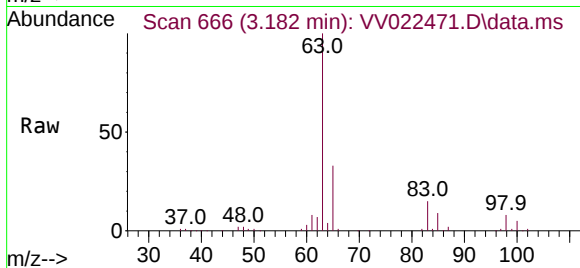
Tgt Ion: 63 Resp: 162165

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.3

83 14.7 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 52.398 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.006 min

Lab File: VV022471.D

Acq: 01 Oct 2021 07:17

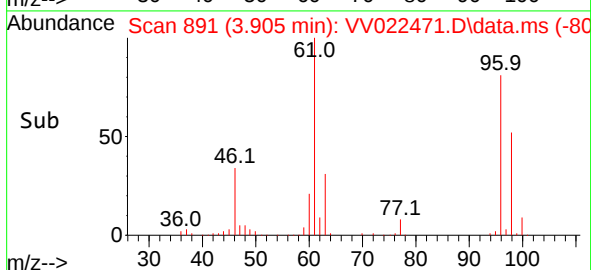
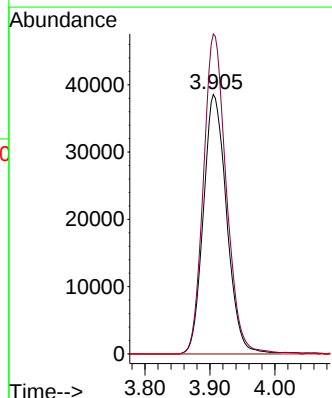
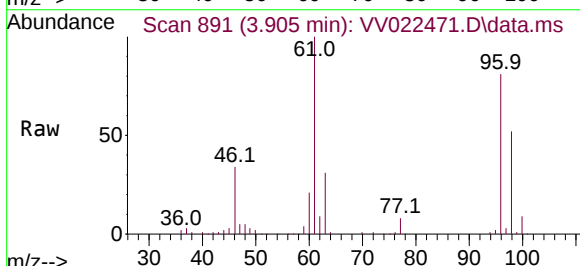
Tgt Ion: 96 Resp: 96044

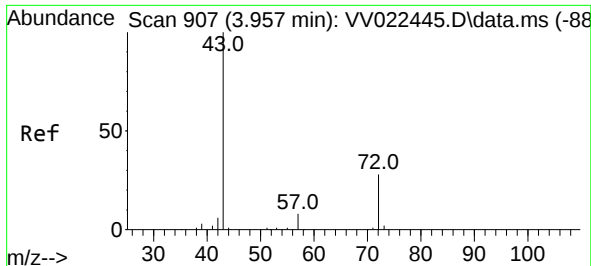
Ion Ratio Lower Upper

96 100

61 123.3 84.6 157.0

68 0.0 0.0 0.0

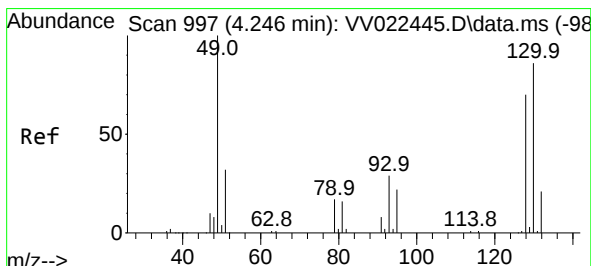
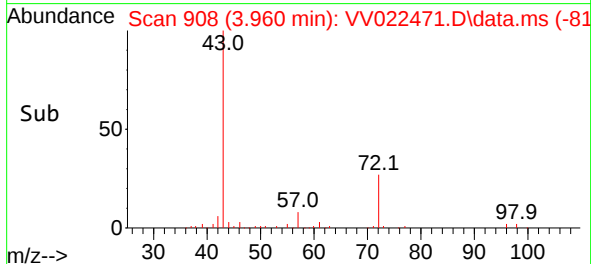
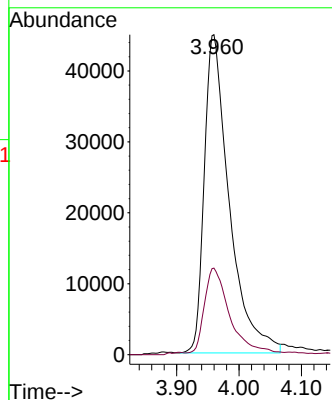
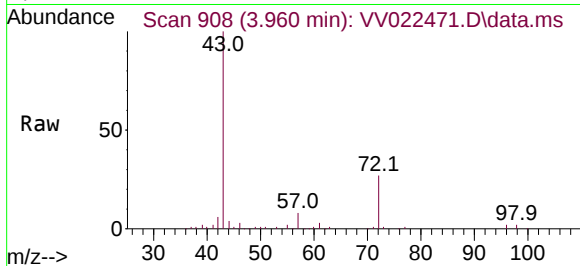




#22
2-Butanone
Concen: 89.093 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

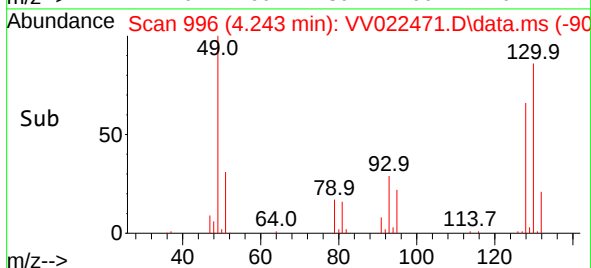
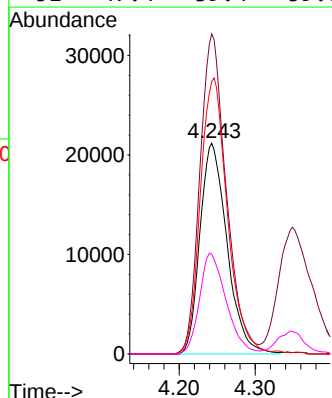
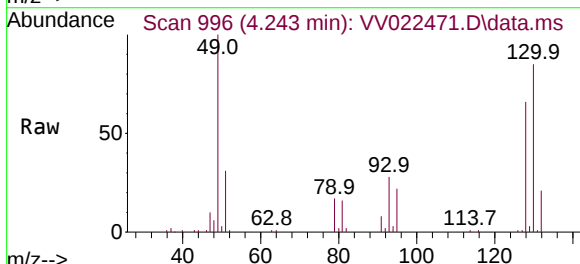
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

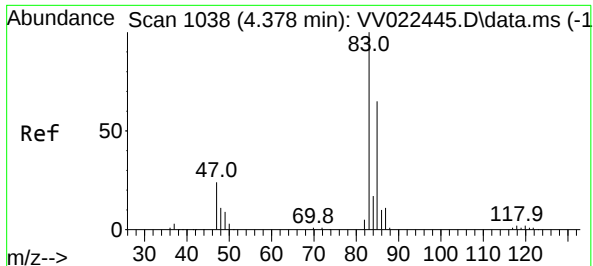
Tgt Ion: 43 Resp: 124995
Ion Ratio Lower Upper
43 100
72 27.0 13.8 41.4



#23
Bromochloromethane
Concen: 52.676 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 128 Resp: 52345
Ion Ratio Lower Upper
128 100
49 151.8 109.1 202.7
130 129.3 89.3 165.9
51 47.4 39.4 59.0





#25

Chloroform

Concen: 52.169 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV022471.D

Acq: 01 Oct 2021 07:17

Instrument :

MSVOA_V

ClientSampleId :

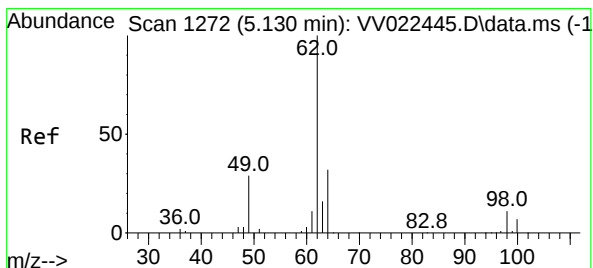
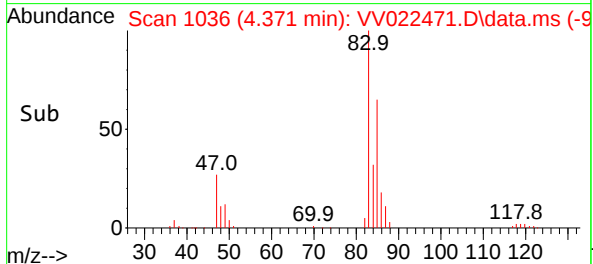
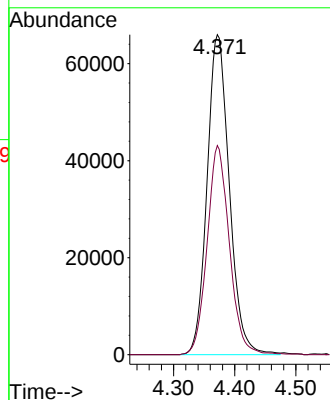
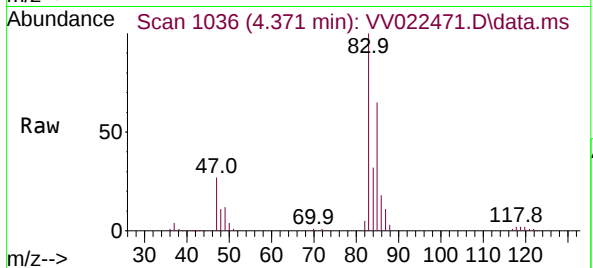
VSTD050354

Tgt Ion: 83 Resp: 166947

Ion Ratio Lower Upper

83 100

85 65.4 46.5 86.3



#27

1,2-Dichloroethane

Concen: 52.311 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV022471.D

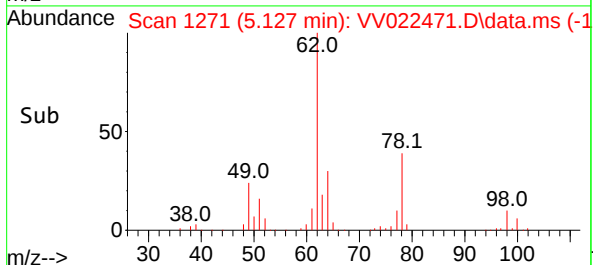
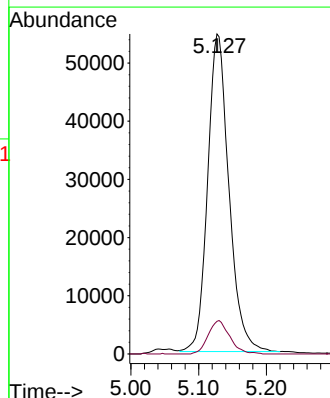
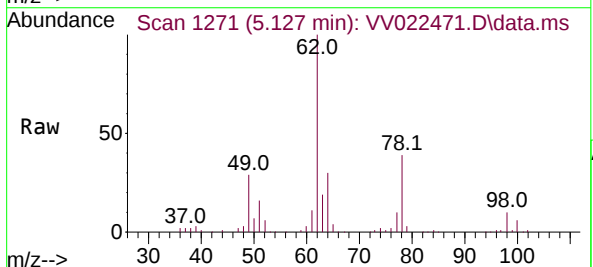
Acq: 01 Oct 2021 07:17

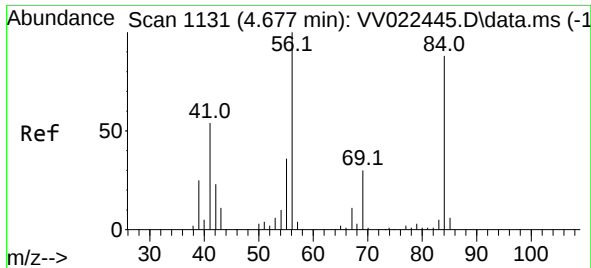
Tgt Ion: 62 Resp: 119038

Ion Ratio Lower Upper

62 100

98 10.2 8.9 13.3

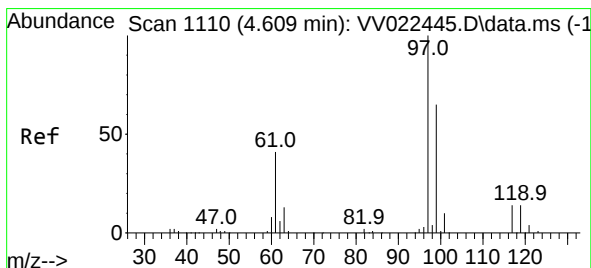
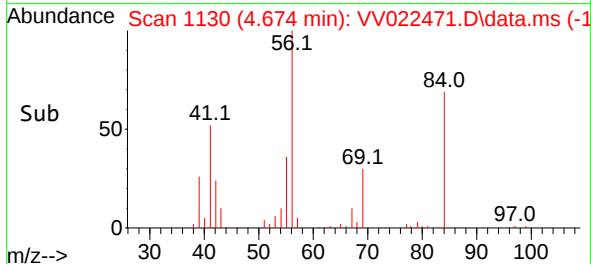
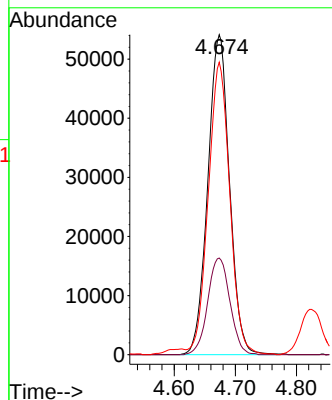
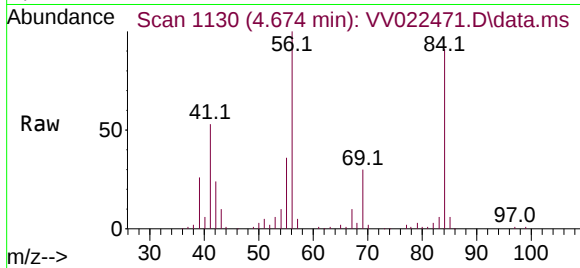




#29
Cyclohexane
Concen: 52.452 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

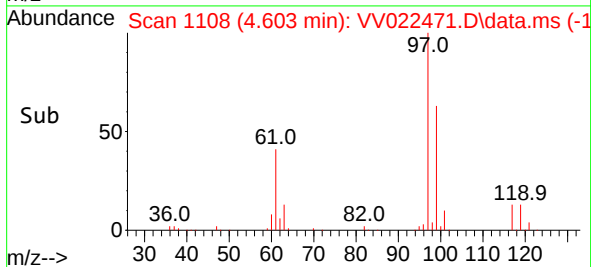
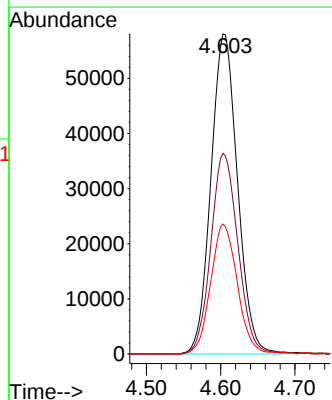
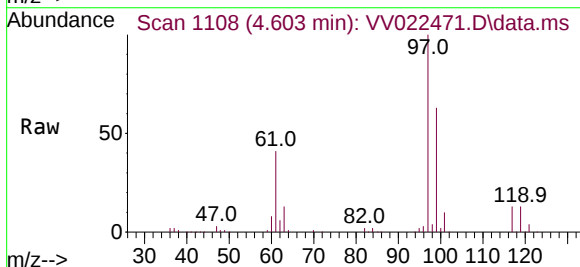
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

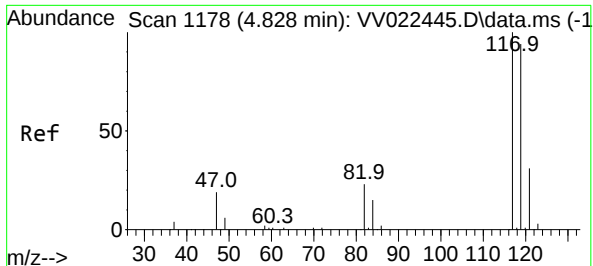
Tgt Ion:	56	Resp:	133458
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.6	37.0
84	90.3	71.8	107.8



#30
1,1,1-Trichloroethane
Concen: 55.455 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion:	97	Resp:	144528
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.2	76.8
61	40.5	33.7	50.5

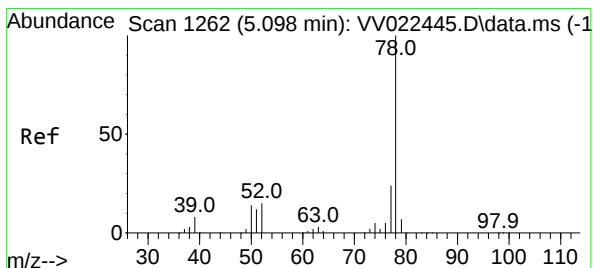
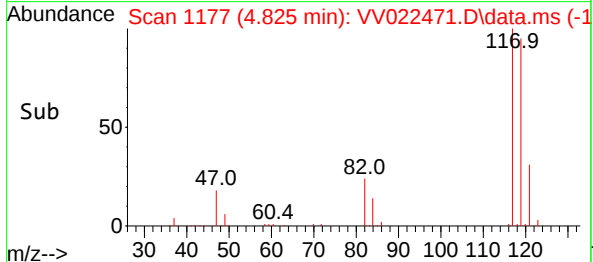
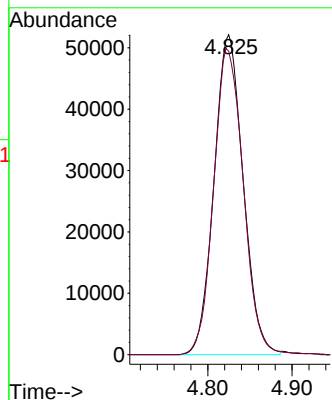
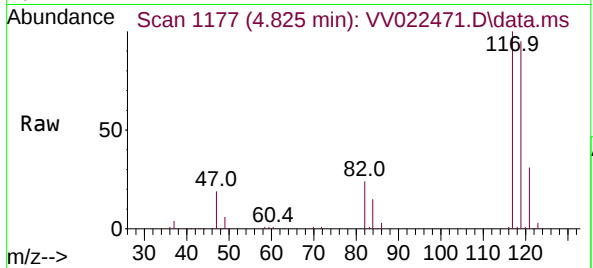




#31
Carbon tetrachloride
Concen: 54.429 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

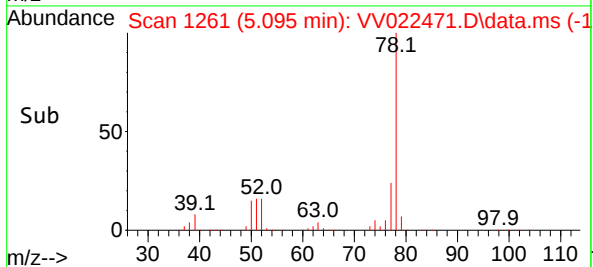
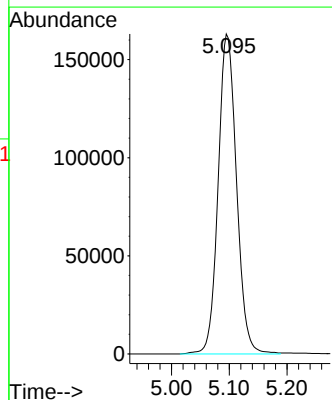
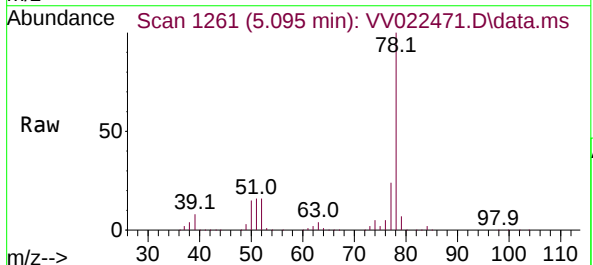
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

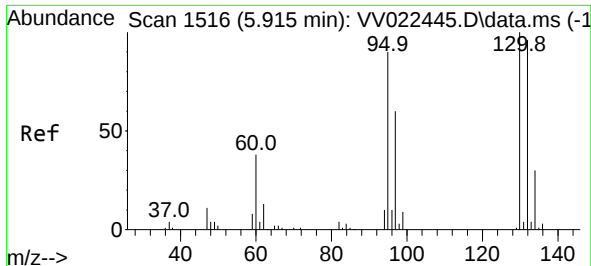
Tgt Ion:117 Resp: 124932
Ion Ratio Lower Upper
117 100
119 97.5 77.1 115.7



#33
Benzene
Concen: 54.438 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 78 Resp: 360735

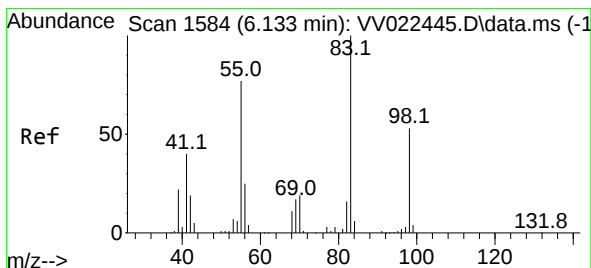
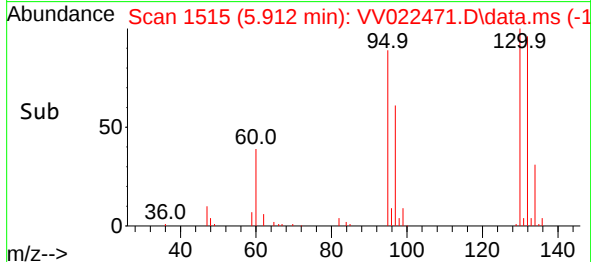
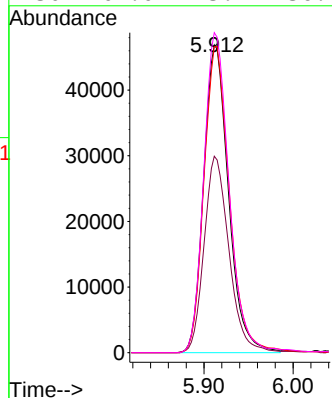
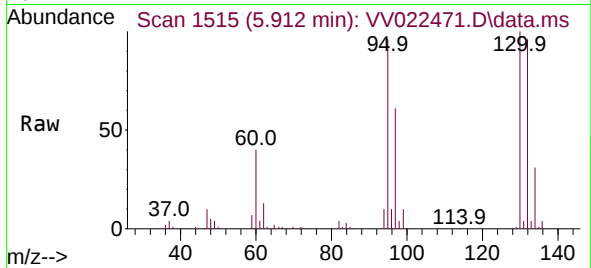




#34
Trichloroethene
Concen: 53.318 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

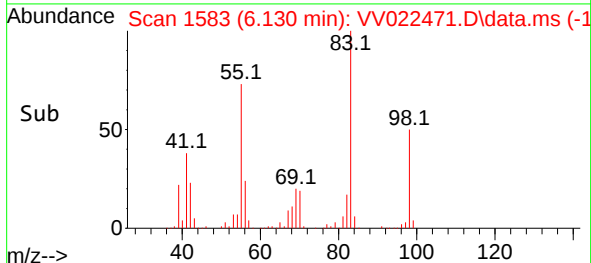
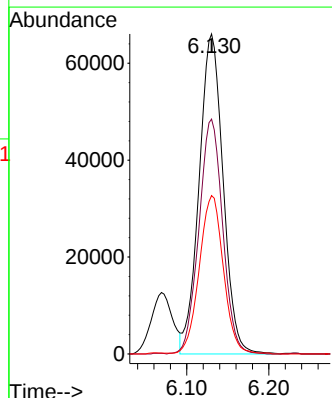
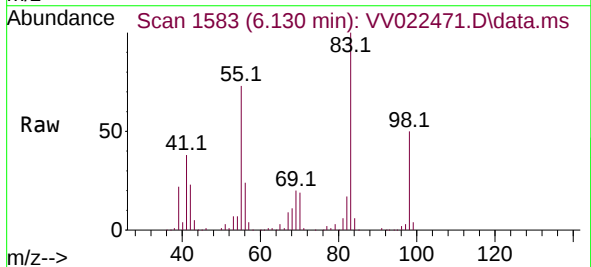
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

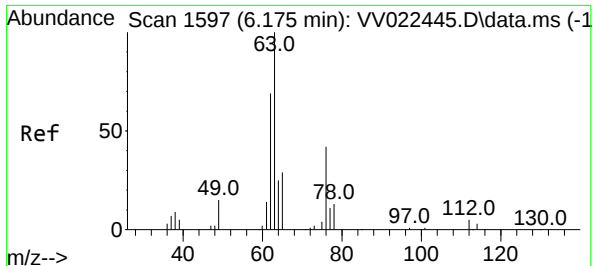
Tgt Ion: 95 Resp: 90861
Ion Ratio Lower Upper
95 100
97 63.8 45.2 84.0
132 99.4 71.0 131.8
130 104.0 73.7 136.9



#35
Methylcyclohexane
Concen: 51.165 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 83 Resp: 134320
Ion Ratio Lower Upper
83 100
55 72.7 58.6 87.8
98 49.2 39.2 58.8



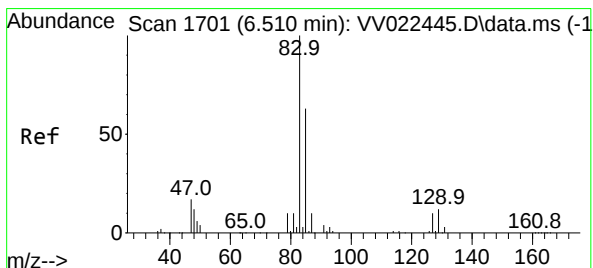
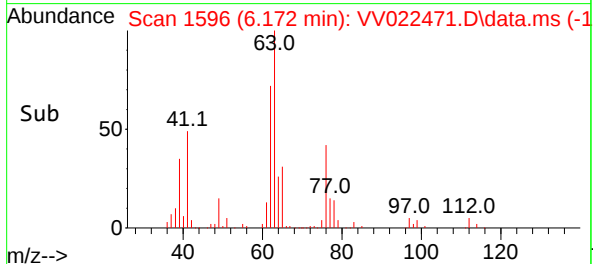
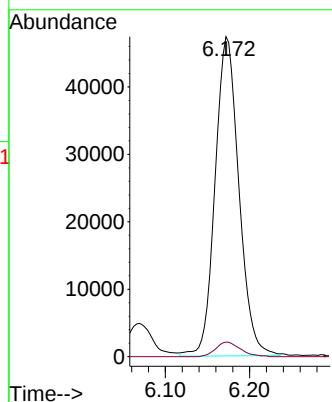
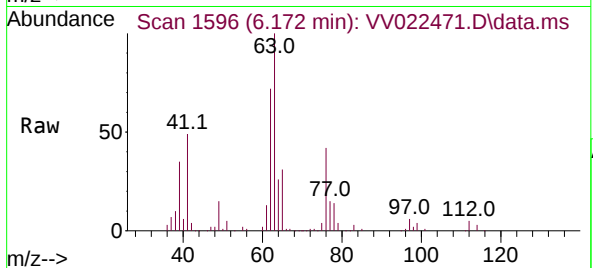


#37

1,2-Dichloropropane
Concen: 54.607 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

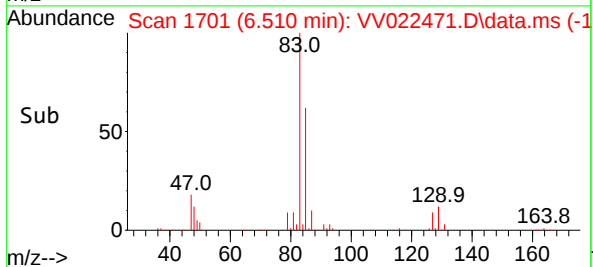
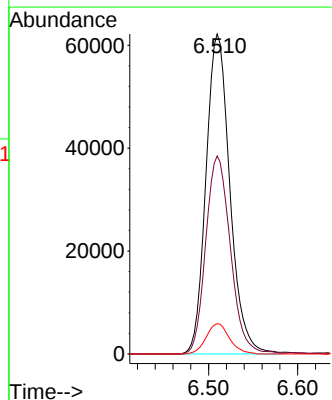
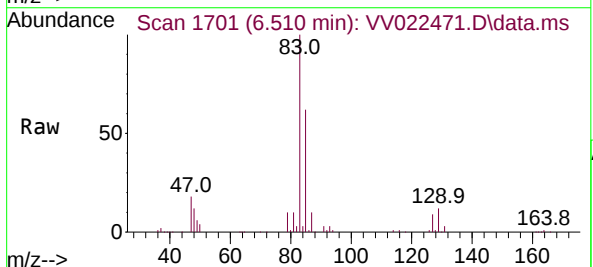
Tgt Ion: 63 Resp: 92867
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9

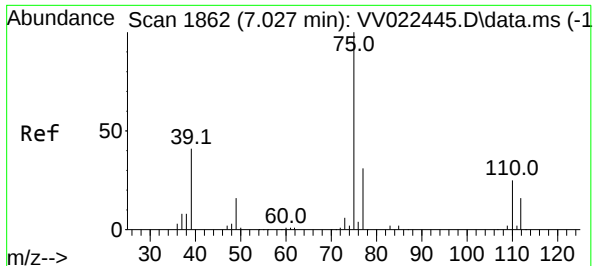


#38

Bromodichloromethane
Concen: 53.382 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 83 Resp: 116077
Ion Ratio Lower Upper
83 100
85 61.9 43.2 80.2
127 9.5 6.6 10.0

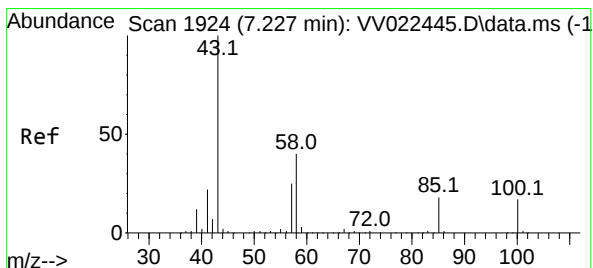
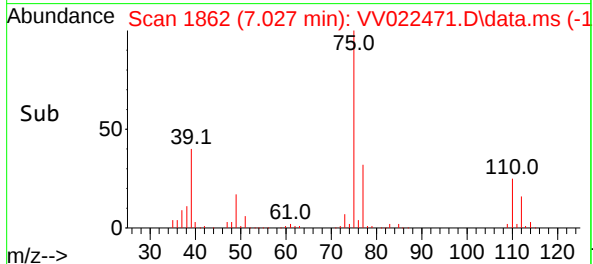
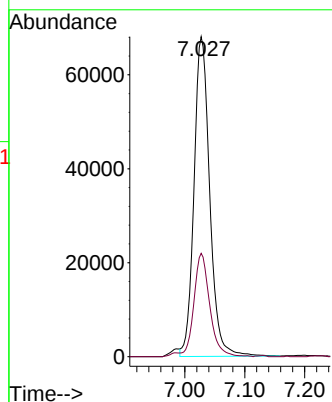
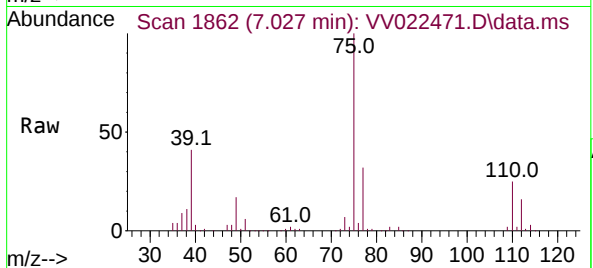




#39
 cis-1,3-Dichloropropene
 Concen: 49.629 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV022471.D
 Acq: 01 Oct 2021 07:17

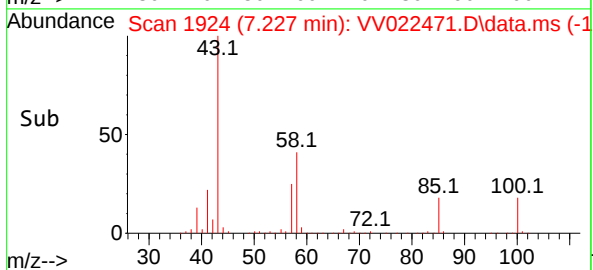
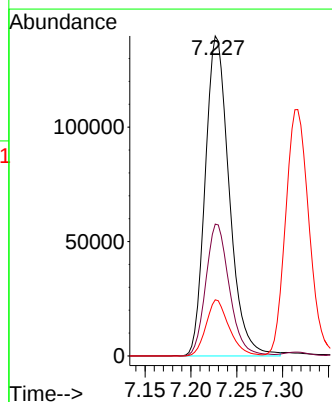
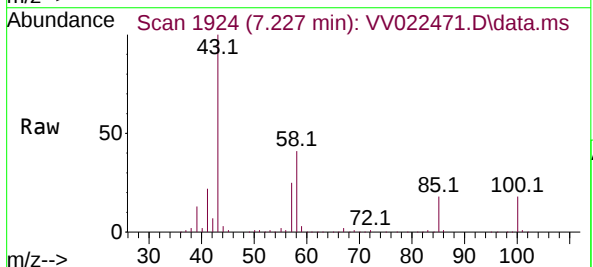
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050354

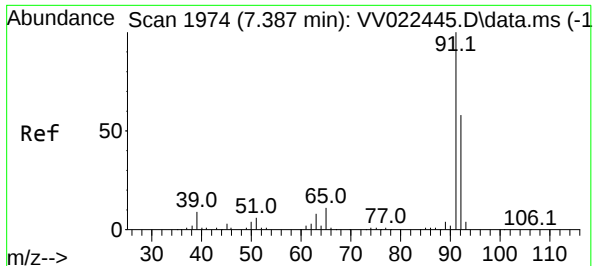
Tgt Ion: 75 Resp: 124227
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 106.411 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV022471.D
 Acq: 01 Oct 2021 07:17

Tgt Ion: 43 Resp: 254644
 Ion Ratio Lower Upper
 43 100
 58 40.6 31.6 47.4
 100 16.9 13.1 19.7

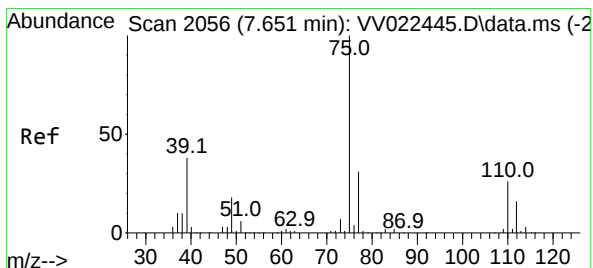
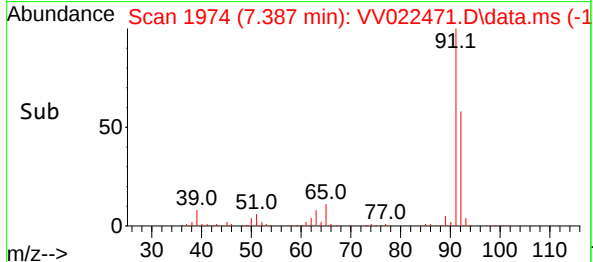
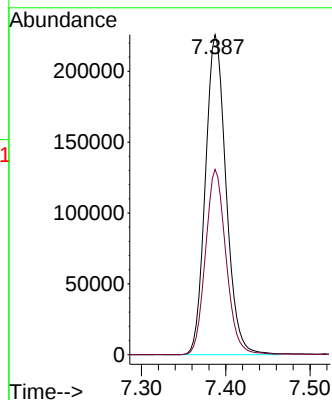
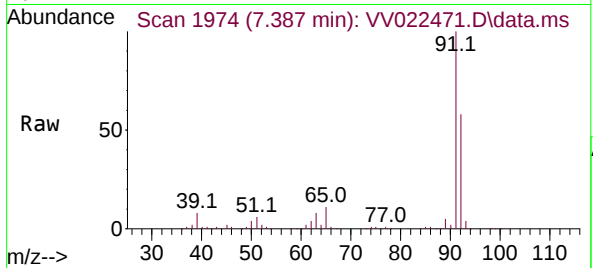




#42
Toluene
Concen: 54.532 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

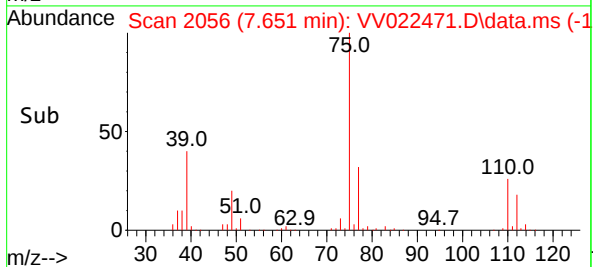
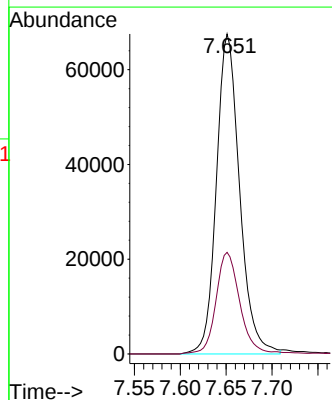
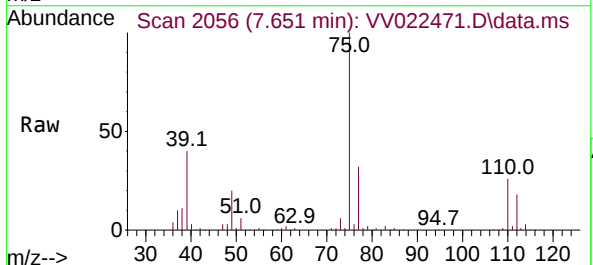
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

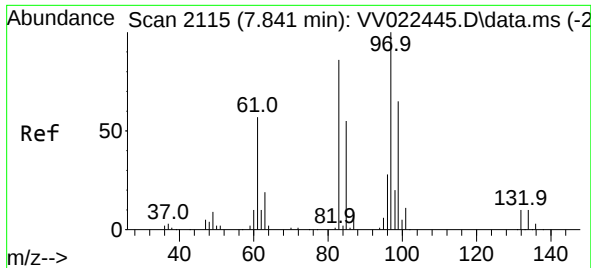
Tgt Ion: 91 Resp: 385720
Ion Ratio Lower Upper
91 100
92 57.9 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 49.769 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 75 Resp: 118946
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3

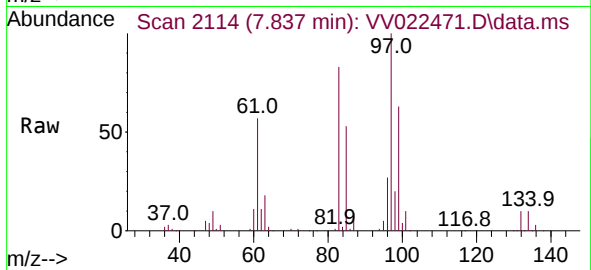




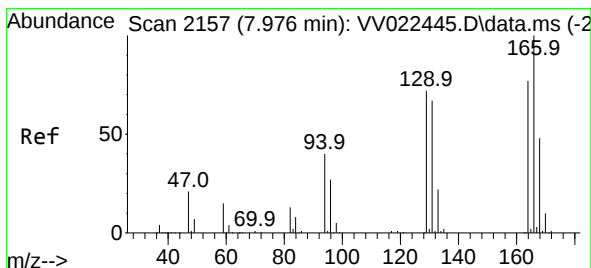
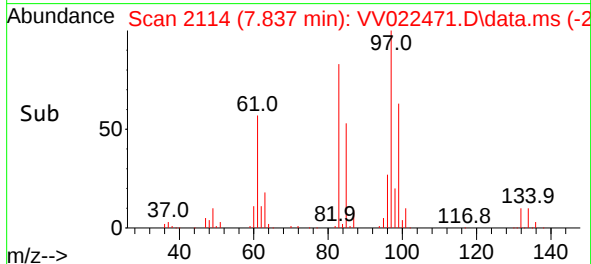
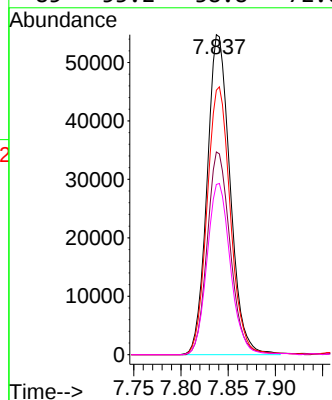
#45

1,1,2-Trichloroethane
Concen: 53.619 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

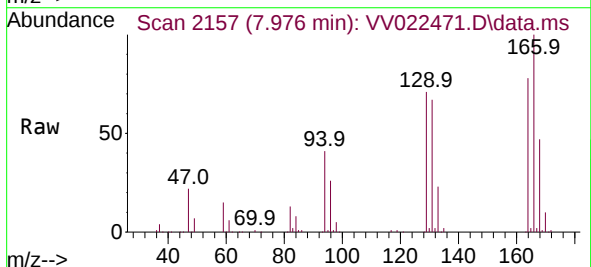


Tgt Ion:	97	Resp:	92803
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.6	82.8
83	82.7	59.8	111.1
85	53.2	38.8	72.0

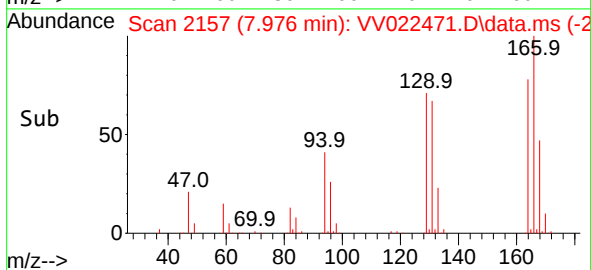
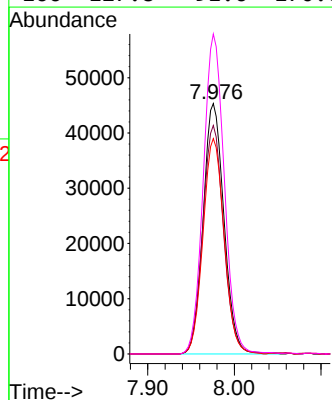


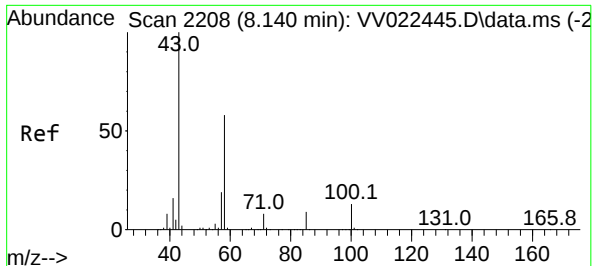
#46

Tetrachloroethene
Concen: 53.962 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17



Tgt Ion:	164	Resp:	75716
Ion	Ratio	Lower	Upper
164	100		
129	91.3	66.4	123.4
131	86.0	63.6	118.0
166	127.8	91.6	170.0



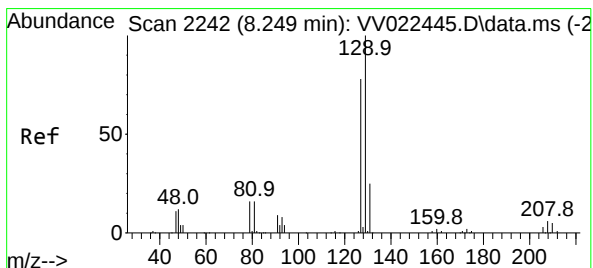
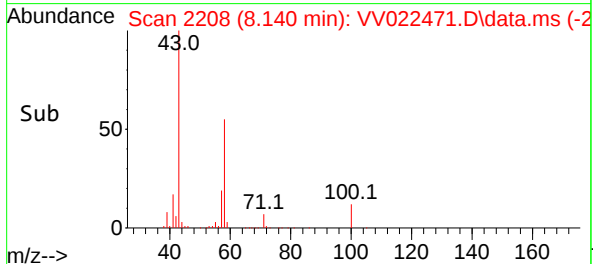
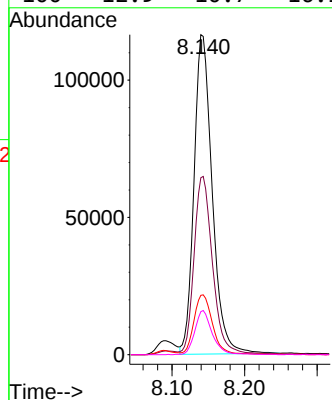
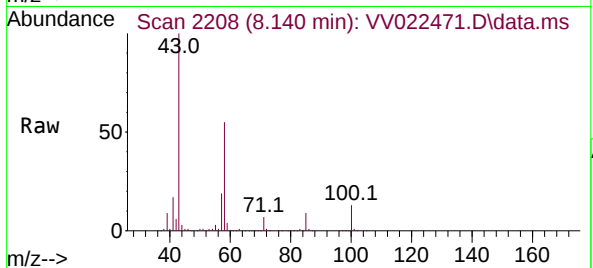


#48
2-Hexanone
Concen: 111.586 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

Tgt Ion: 43 Resp: 202790

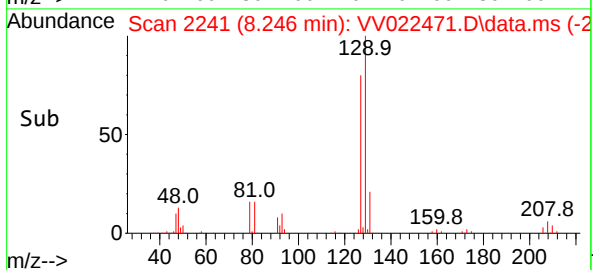
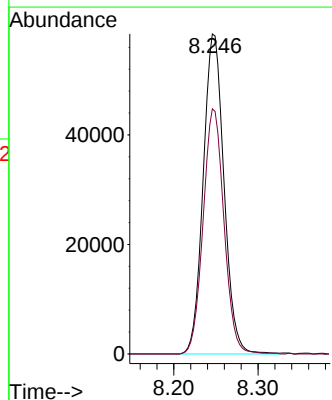
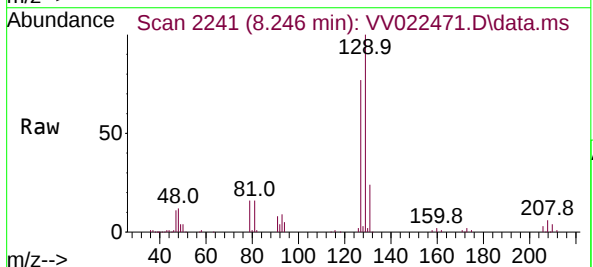
Ion	Ratio	Lower	Upper
43	100		
58	56.7	45.4	68.2
57	18.5	15.0	22.4
100	12.9	10.7	16.1

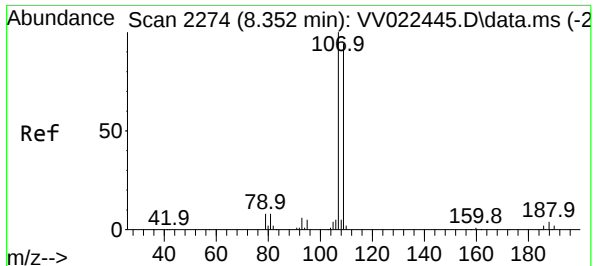


#49
Dibromochloromethane
Concen: 54.800 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 129 Resp: 100364

Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.7	101.7

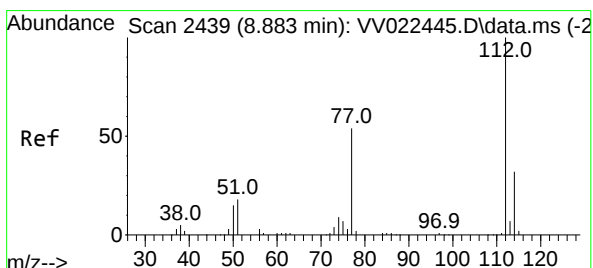
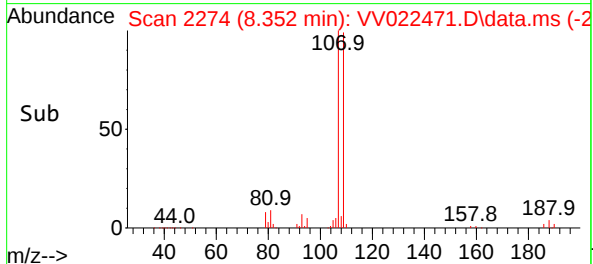
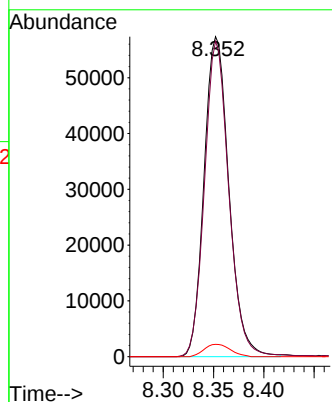
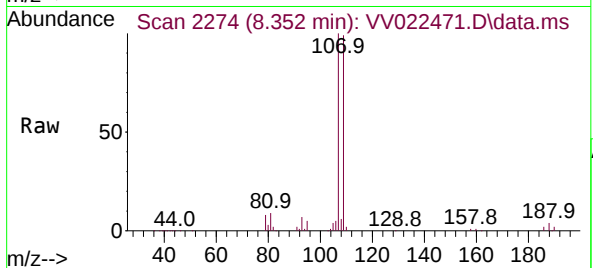




#50
1,2-Dibromoethane
Concen: 53.348 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

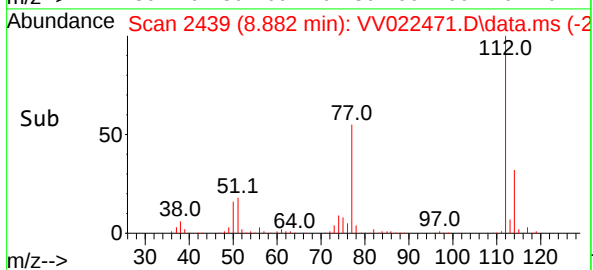
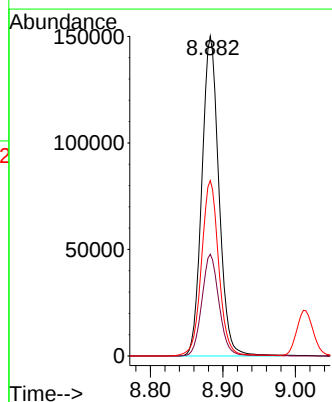
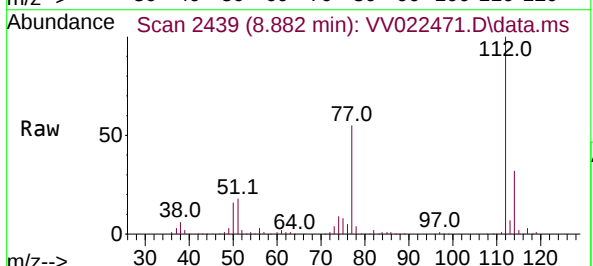
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

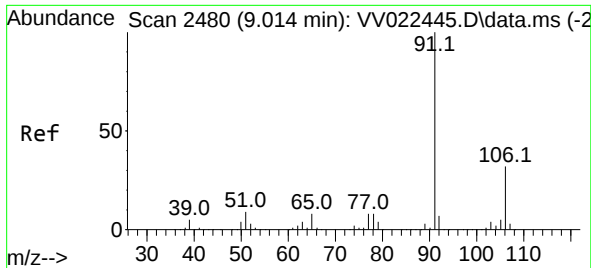
Tgt Ion:	107	Resp:	98698
Ion	Ratio	Lower	Upper
107	100		
109	98.6	64.7	120.1
188	3.8	2.9	4.3



#51
Chlorobenzene
Concen: 52.670 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion:	112	Resp:	245098
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.1
77	54.8	43.9	65.9

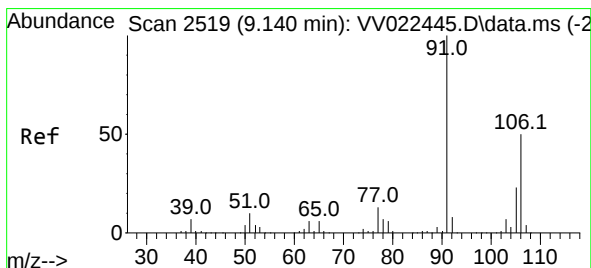
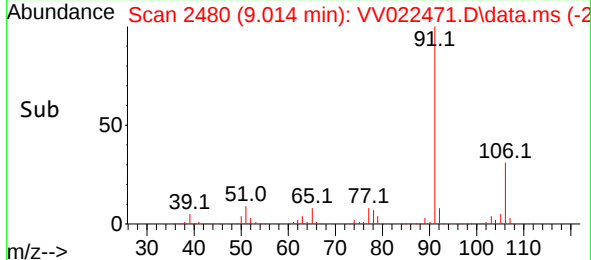
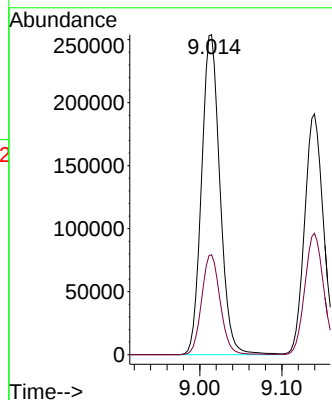
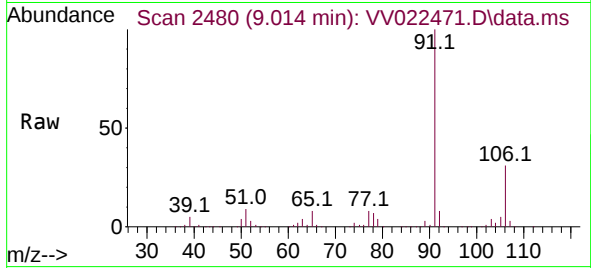




#52
Ethylbenzene
Concen: 53.530 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

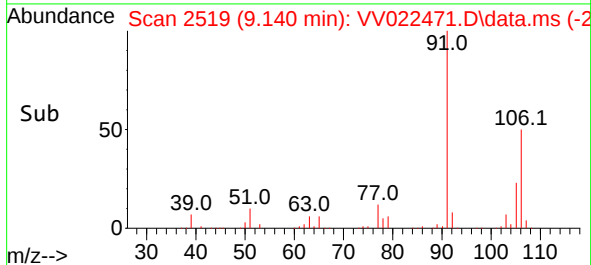
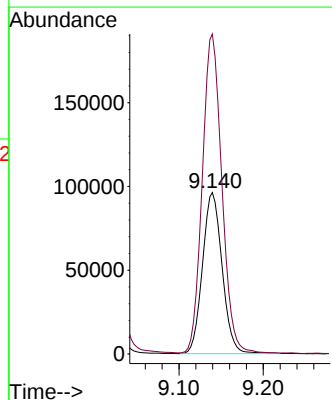
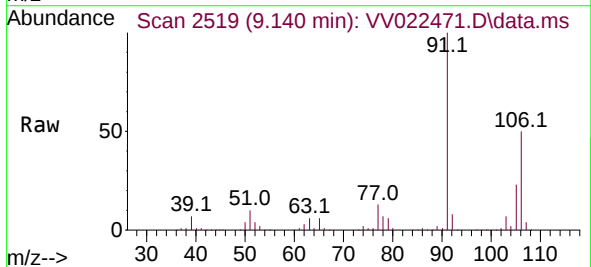
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

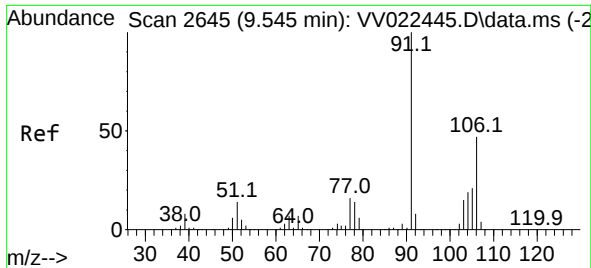
Tgt Ion: 91 Resp: 396593
Ion Ratio Lower Upper
91 100
106 31.3 22.0 40.8



#53
m,p-Xylene
Concen: 54.570 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 106 Resp: 155697
Ion Ratio Lower Upper
106 100
91 198.2 139.2 258.6

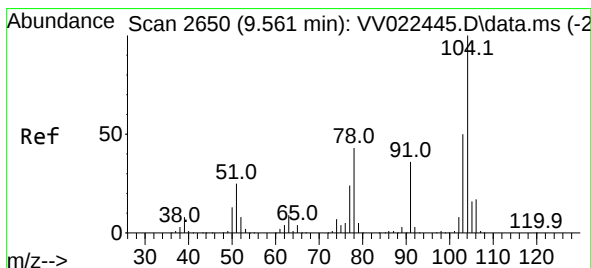
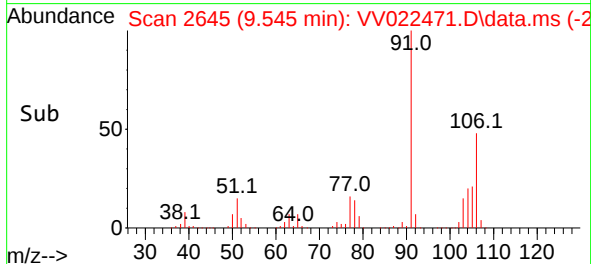
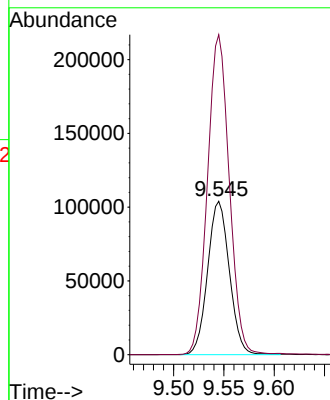
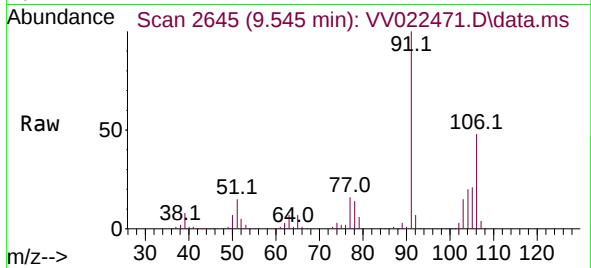




#54
o-Xylene
Concen: 56.540 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

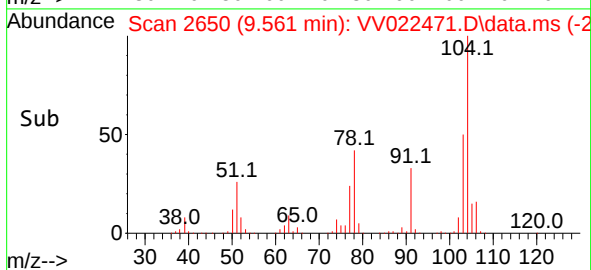
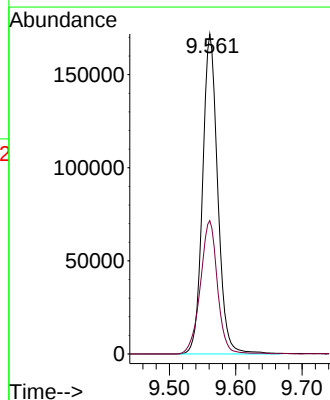
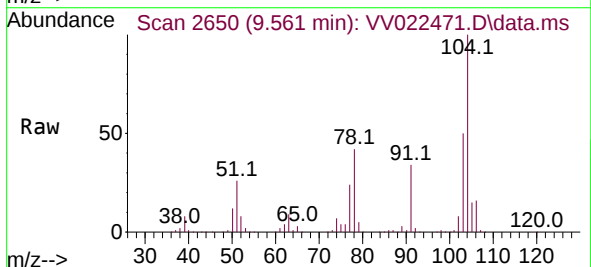
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

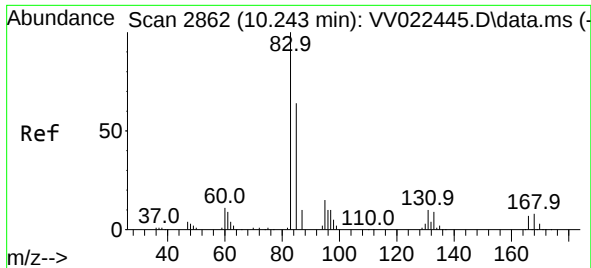
Tgt Ion:106 Resp: 156746
Ion Ratio Lower Upper
106 100
91 208.6 144.9 269.1



#55
Styrene
Concen: 56.550 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion:104 Resp: 272568
Ion Ratio Lower Upper
104 100
78 41.7 28.6 53.2

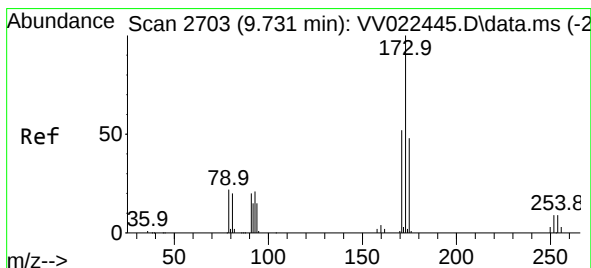
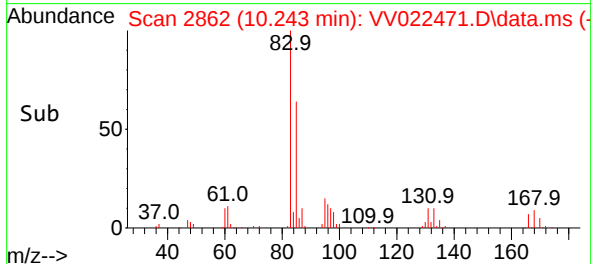
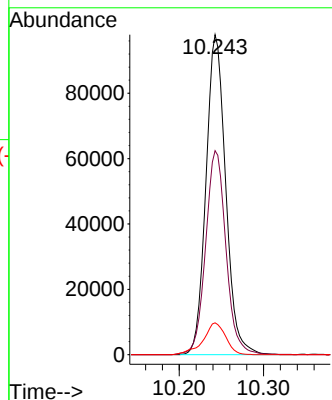
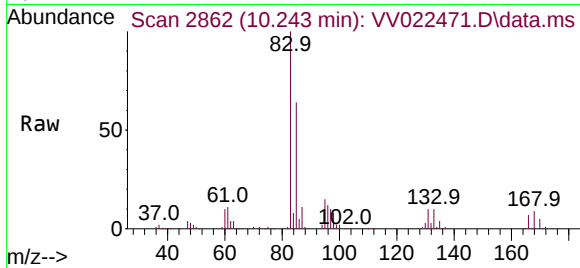




#57
1,1,2,2-Tetrachloroethane
Concen: 55.678 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

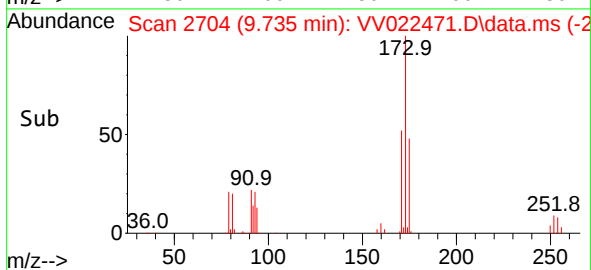
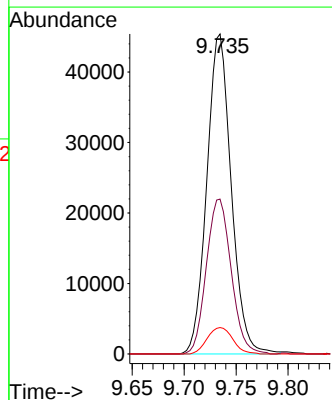
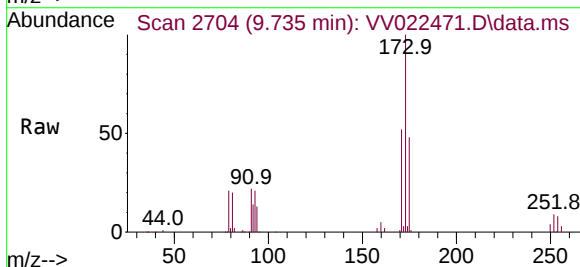
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

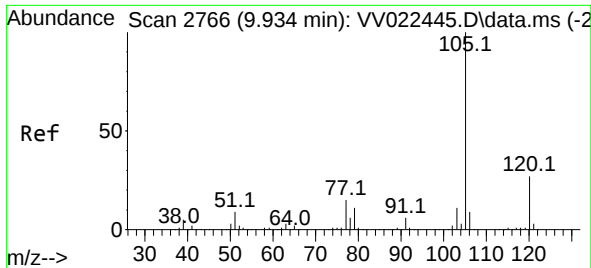
Tgt Ion:	83	Resp:	159512
Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.6	82.8
131	9.9	7.8	11.8



#59
Bromoform
Concen: 53.549 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion:	173	Resp:	74201
Ion	Ratio	Lower	Upper
173	100		
175	49.2	40.1	60.1
254	8.6	6.9	10.3

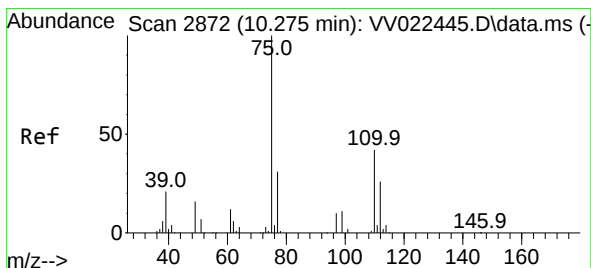
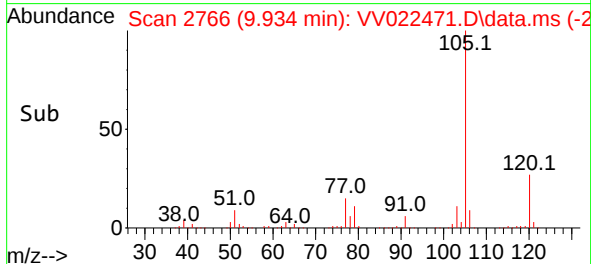
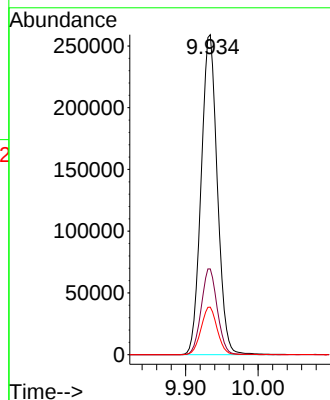
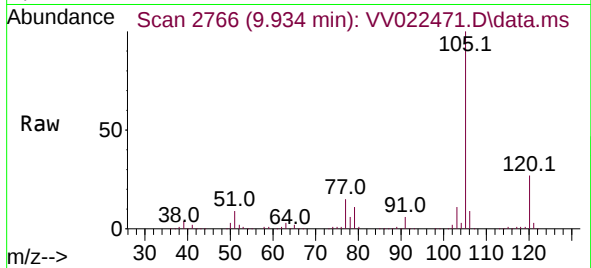




#60
Isopropylbenzene
Concen: 52.718 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

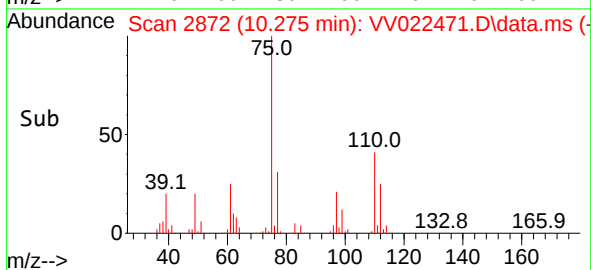
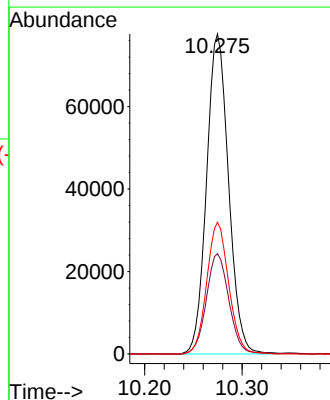
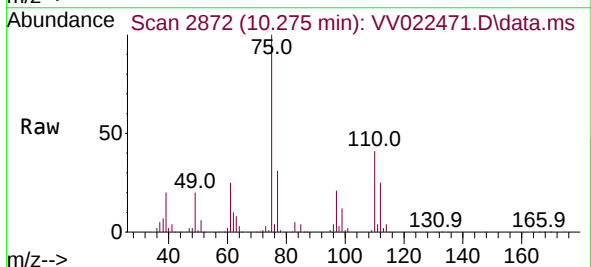
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

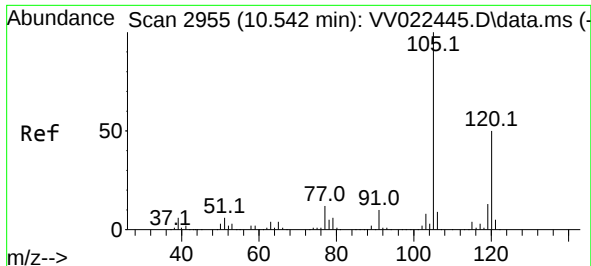
Tgt Ion:105 Resp: 401074
Ion Ratio Lower Upper
105 100
120 26.7 21.5 32.3
77 14.8 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 52.832 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 75 Resp: 121740
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
110 41.0 32.6 48.8

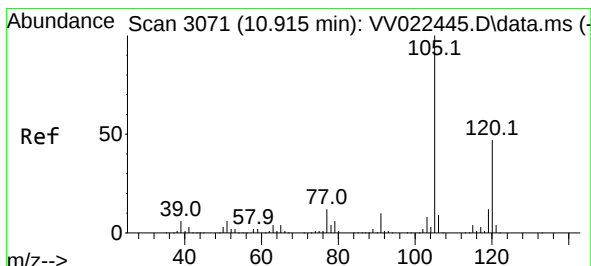
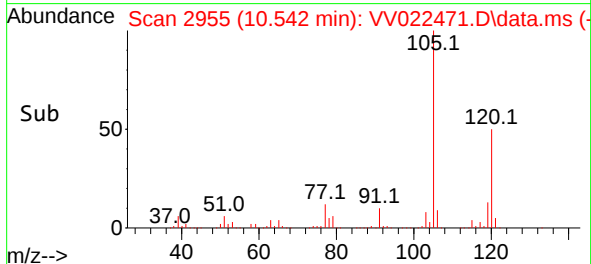
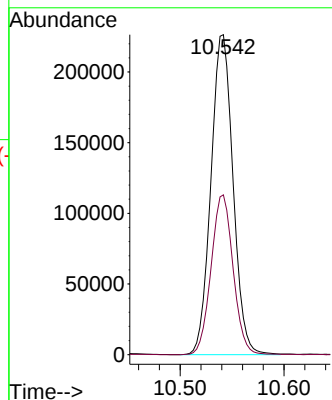
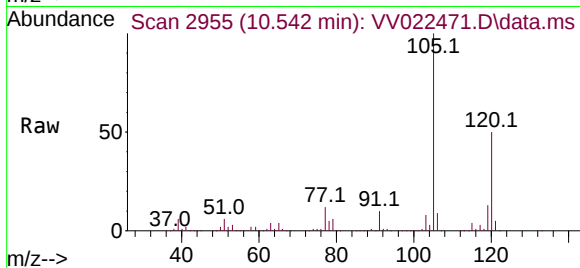




#62
1,3,5-Trimethylbenzene
Concen: 53.336 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

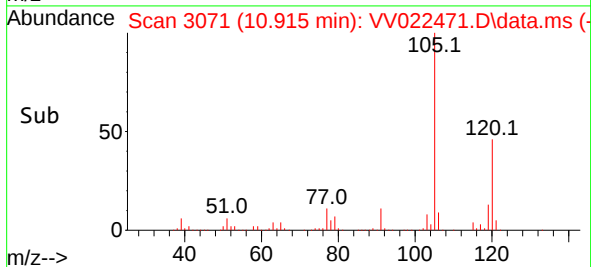
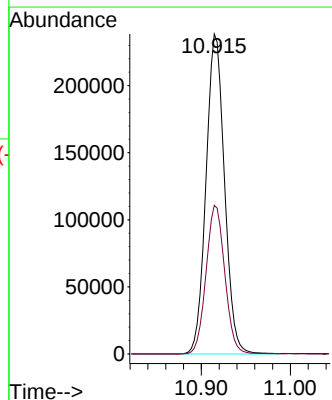
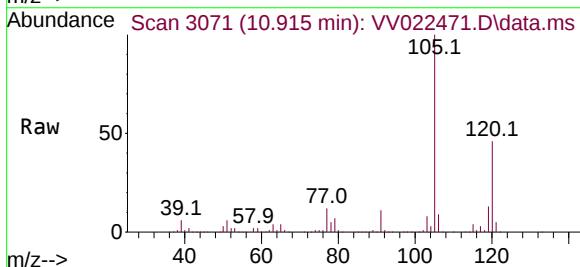
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

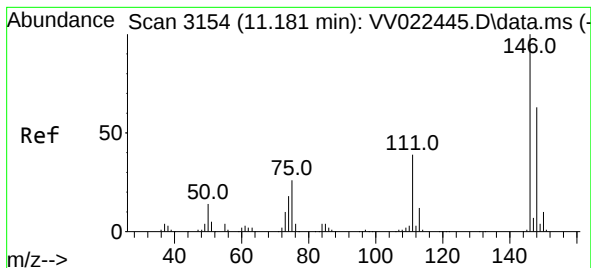
Tgt Ion:105 Resp: 334390
Ion Ratio Lower Upper
105 100
120 49.7 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 54.280 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion:105 Resp: 343414
Ion Ratio Lower Upper
105 100
120 47.1 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 52.031 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV022471.D

Acq: 01 Oct 2021 07:17

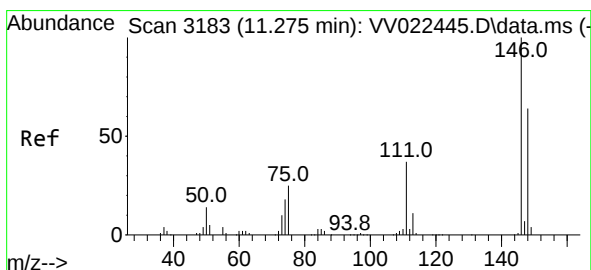
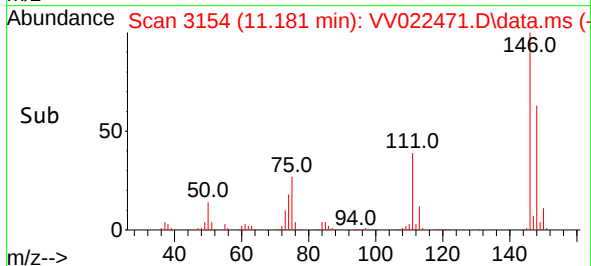
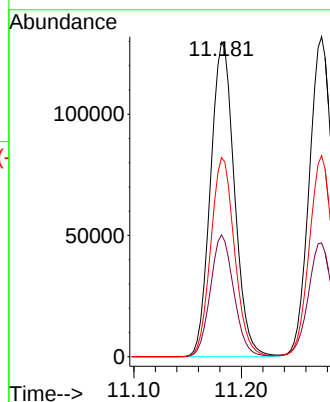
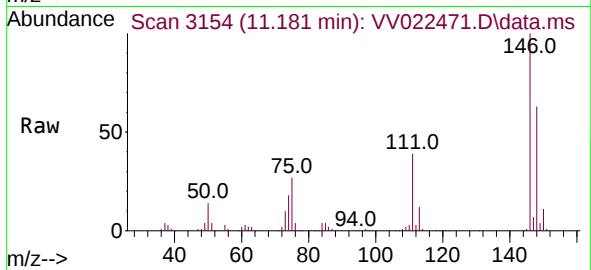
Tgt Ion:146 Resp: 200669

Ion Ratio Lower Upper

146 100

111 38.7 26.5 49.3

148 63.3 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 51.886 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VV022471.D

Acq: 01 Oct 2021 07:17

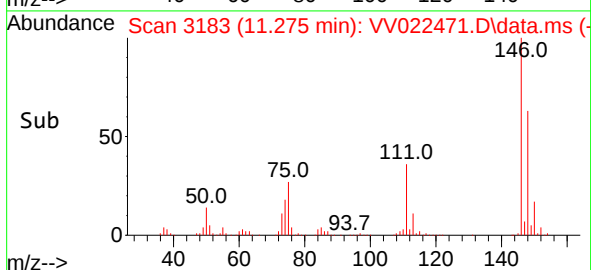
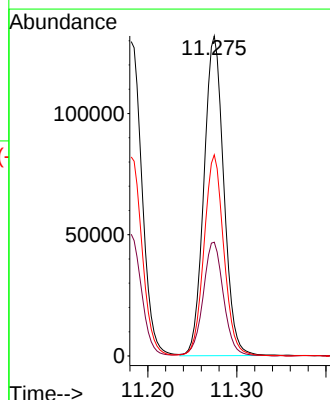
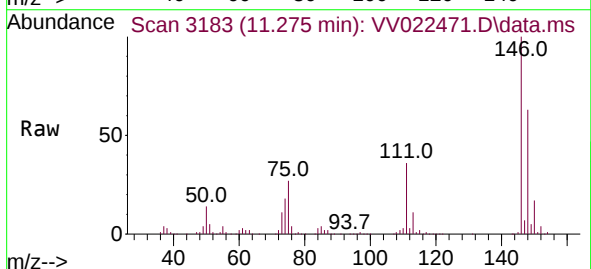
Tgt Ion:146 Resp: 203825

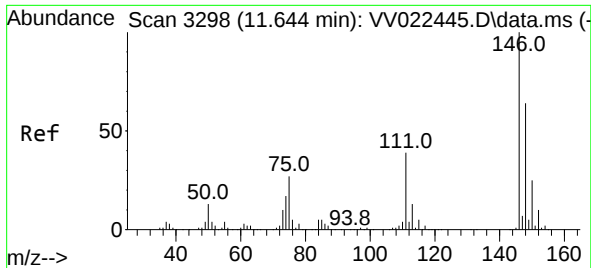
Ion Ratio Lower Upper

146 100

111 35.5 25.8 48.0

148 62.8 45.1 83.9

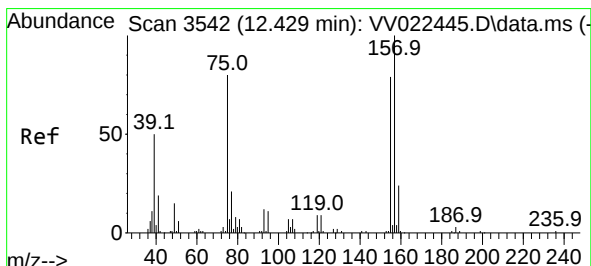
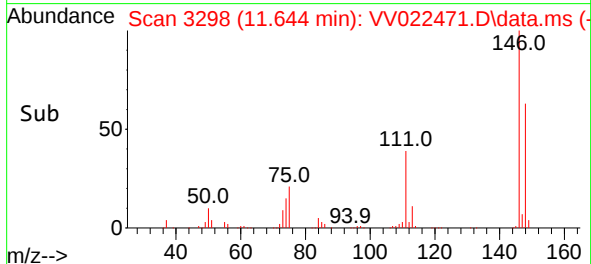
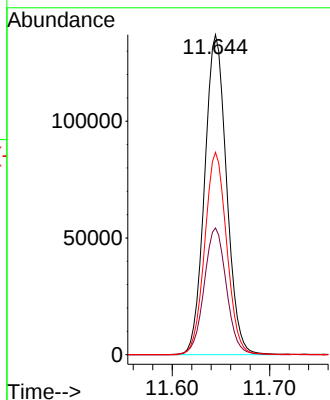
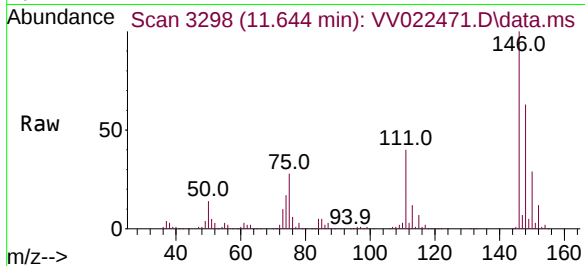




#67
1,2-Dichlorobenzene
Concen: 54.508 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

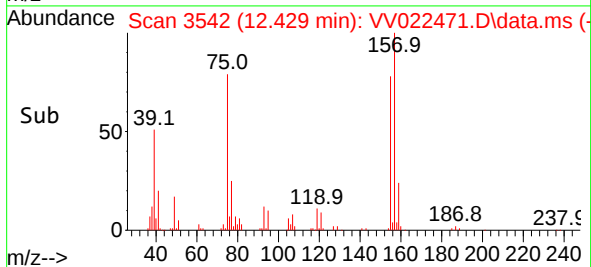
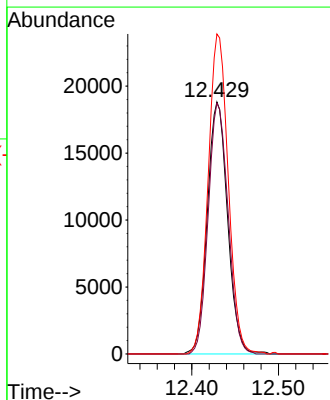
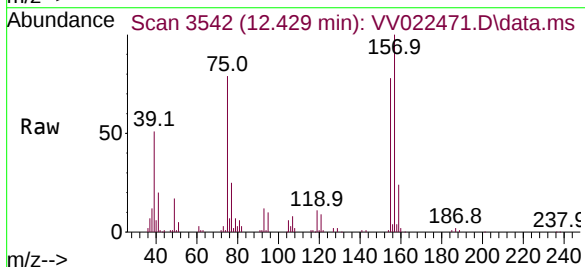
Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

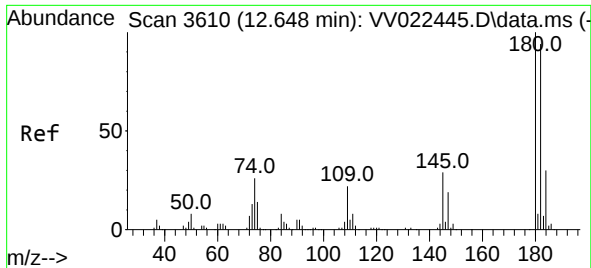
Tgt Ion:146 Resp: 214674
Ion Ratio Lower Upper
146 100
111 39.6 31.5 47.3
148 63.2 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 50.254 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion: 75 Resp: 30577
Ion Ratio Lower Upper
75 100
155 99.5 79.0 118.6
157 127.0 98.2 147.2

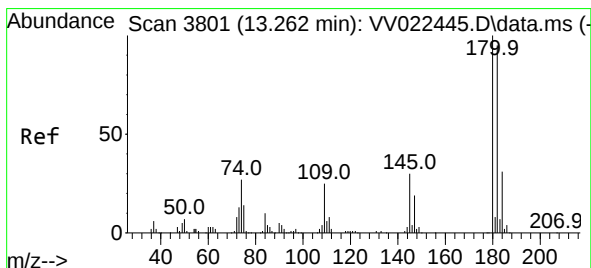
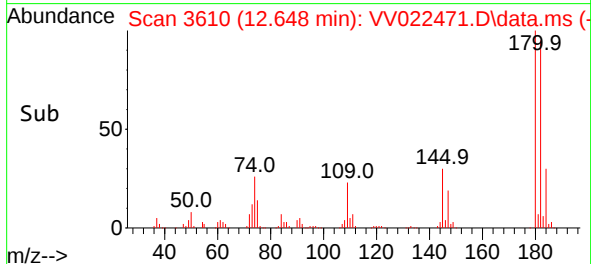
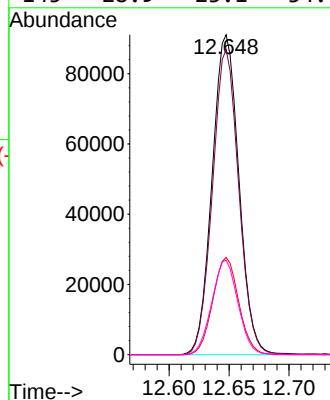
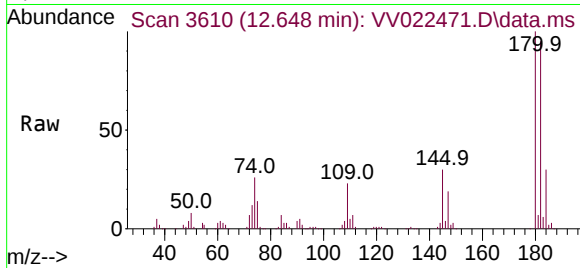




#69
 1,3,5-Trichlorobenzene
 Concen: 50.705 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV022471.D
 Acq: 01 Oct 2021 07:17

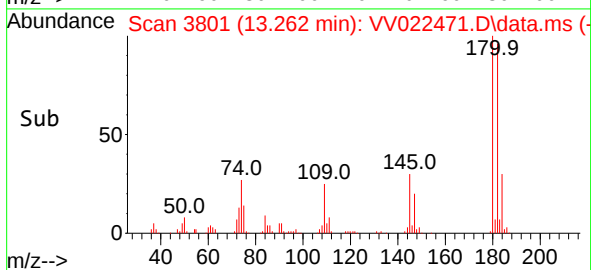
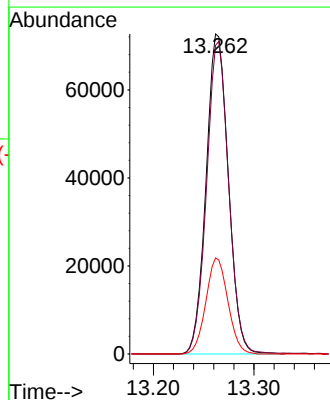
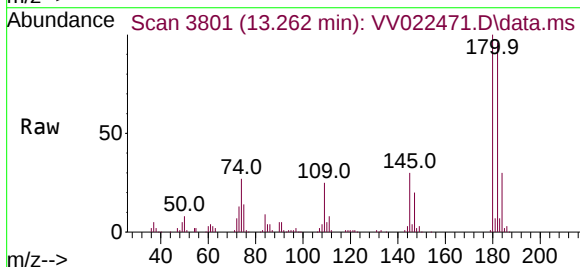
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050354

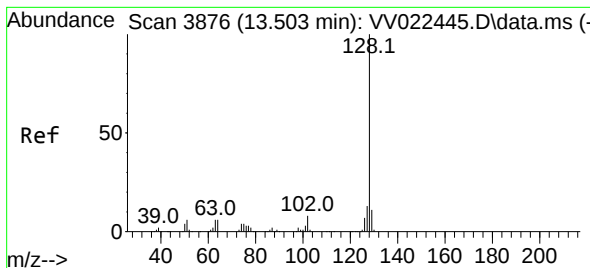
Tgt Ion:180	Resp: 141072
Ion Ratio	Lower Upper
180	100
182	93.7 75.2 112.8
184	29.5 24.2 36.2
145	28.9 23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 47.532 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV022471.D
 Acq: 01 Oct 2021 07:17

Tgt Ion:180	Resp: 111897
Ion Ratio	Lower Upper
180	100
182	96.5 76.2 114.2
145	29.6 23.9 35.9

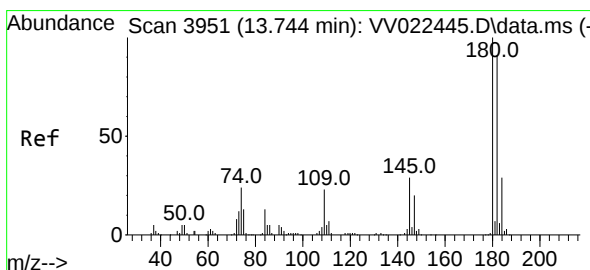
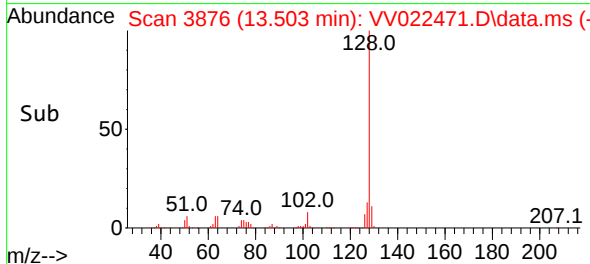
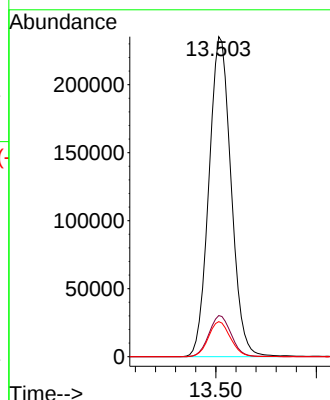
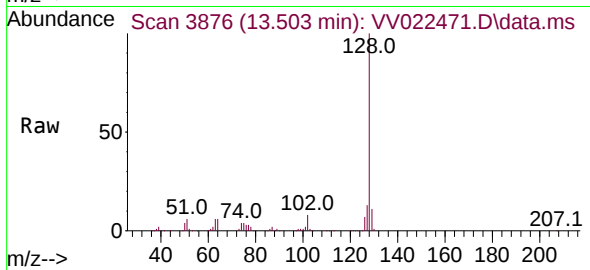




#71
Naphthalene
Concen: 49.926 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD050354

Tgt Ion:128 Resp: 360121
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.046 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022471.D
Acq: 01 Oct 2021 07:17

Tgt Ion:180 Resp: 124073
Ion Ratio Lower Upper
180 100
182 94.0 76.7 115.1
145 32.2 25.6 38.4

