

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029485.D
 Acq On : 08 Dec 2022 19:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK301

Quant Time: Dec 09 02:02:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	559118	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	517601	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	277341	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	131007	38.264	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.520%
7) Chloroethane-d5	1.561	69	111805	42.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.640%
11) 1,1-Dichloroethene-d2	2.108	63	241766	45.273	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.540%
21) 2-Butanone-d5	3.866	46	219248	104.973	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.970%
24) Chloroform-d	4.339	84	292115	45.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	5.024	65	168444	45.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.560%
32) Benzene-d6	5.043	84	600706	43.922	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.840%
36) 1,2-Dichloropropane-d6	6.063	67	183547	43.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.880%
41) Toluene-d8	7.307	98	563105	43.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.612	79	89068	42.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.440%
47) 2-Hexanone-d5	8.082	63	178697	100.170	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.170%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	278339	46.624	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.240%
66) 1,2-Dichlorobenzene-d4	11.612	152	230590	43.676	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	209128	47.485	ug/L	99
3) Chloromethane	1.240	50	228980	45.602	ug/L	99
5) Vinyl chloride	1.310	62	205298	48.867	ug/L	99
6) Bromomethane	1.513	94	103479	61.215	ug/L	99
8) Chloroethane	1.580	64	118133	50.499	ug/L	99
9) Trichlorofluoromethane	1.751	101	262467	49.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	146340	50.076	ug/L	99
12) 1,1-Dichloroethene	2.114	96	149848	50.140	ug/L	98
13) Acetone	2.156	43	128931	94.759	ug/L	100
14) Carbon disulfide	2.291	76	469386	47.191	ug/L	99
15) Methyl Acetate	2.423	43	166292	53.644	ug/L	98
16) Methylene chloride	2.500	84	184588	49.674	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	171802	49.891	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	534224	50.635	ug/L	99
19) 1,1-Dichloroethane	3.182	63	301289	51.072	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	188527	49.788	ug/L	98
22) 2-Butanone	3.950	43	228737	105.653	ug/L	97
23) Bromochloromethane	4.239	128	97603	50.057	ug/L	94
25) Chloroform	4.365	83	312292	51.062	ug/L	100

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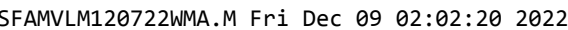
Instrument :
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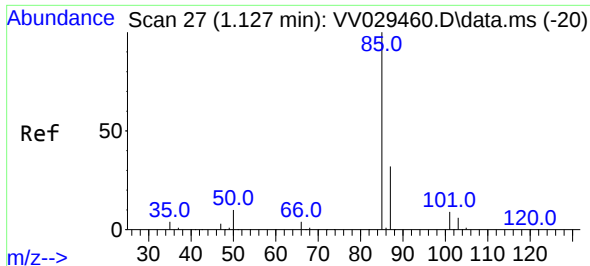
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	222723	51.552	ug/L	99
29) Cyclohexane	4.670	56	278075	49.594	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	272197	48.268	ug/L	98
31) Carbon tetrachloride	4.821	117	231739	47.059	ug/L	100
33) Benzene	5.092	78	728674	49.944	ug/L	100
34) Trichloroethene	5.908	95	177722	48.612	ug/L	99
35) Methylcyclohexane	6.124	83	300735	48.433	ug/L	98
37) 1,2-Dichloropropane	6.165	63	181402	51.515	ug/L	99
38) Bromodichloromethane	6.503	83	231939	47.713	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	275096	47.502	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	459384	109.416	ug/L	98
42) Toluene	7.381	91	773507	49.257	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	259937	47.395	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	180403	49.589	ug/L	99
46) Tetrachloroethene	7.966	164	145539	49.514	ug/L	96
48) 2-Hexanone	8.133	43	353952	110.346	ug/L	96
49) Dibromochloromethane	8.236	129	189289	47.128	ug/L	98
50) 1,2-Dibromoethane	8.342	107	185183	49.409	ug/L	100
51) Chlorobenzene	8.873	112	490695	49.347	ug/L	99
52) Ethylbenzene	9.005	91	825251	49.986	ug/L	100
53) m,p-Xylene	9.130	106	321226	49.160	ug/L	100
54) o-Xylene	9.535	106	317004	49.045	ug/L	98
55) Styrene	9.551	104	566124	50.400	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	292196	50.211	ug/L	99
59) Bromoform	9.722	173	143030	46.686	ug/L	99
60) Isopropylbenzene	9.921	105	841134	51.657	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	222428	51.958	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	704765	48.951	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	703858	49.320	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	389968	48.981	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	393284	48.605	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	392854	48.254	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	61381	46.132	ug/L	99
69) 1,3,5-Trichlorobenzene	12.631	180	303462	47.895	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	273772	48.591	ug/L	100
71) Naphthalene	13.493	128	642433	50.269	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	275893	49.994	ug/L	99

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

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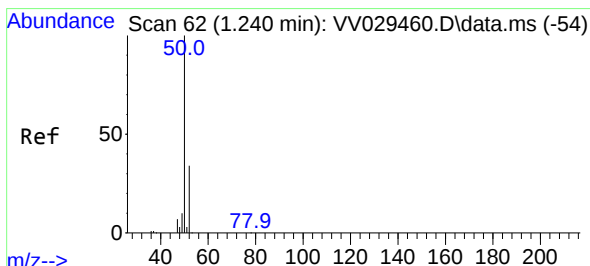
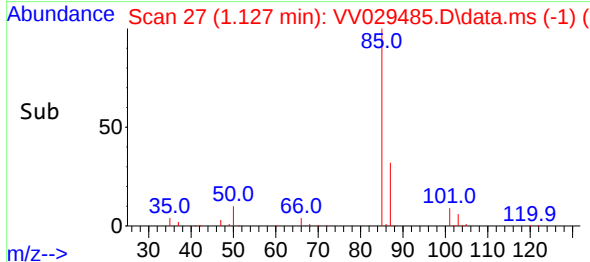
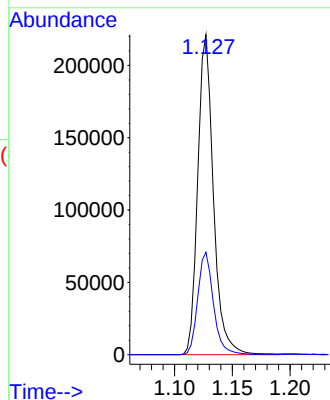
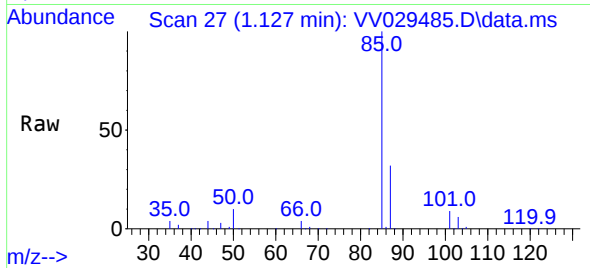




#2
 Dichlorodifluoromethane
 Concen: 47.485 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029485.D
 Acq: 08 Dec 2022 19:45

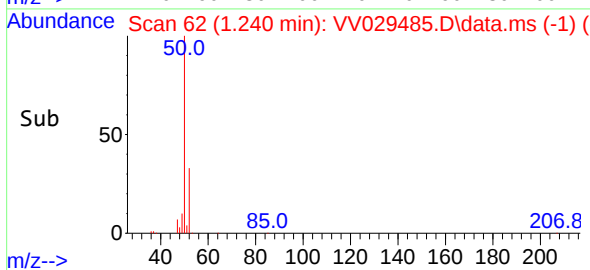
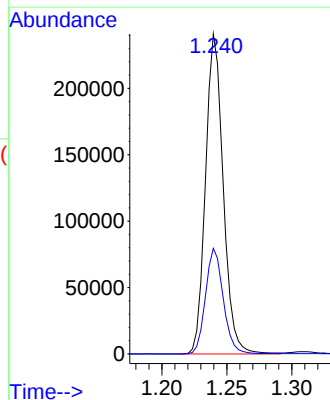
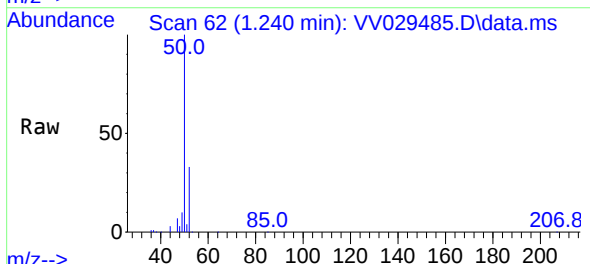
Instrument :
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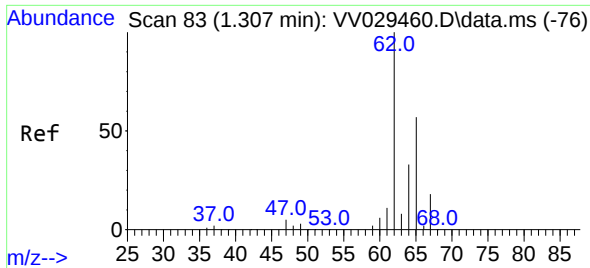
Tgt Ion: 85 Resp: 209128
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9



#3
 Chloromethane
 Concen: 45.602 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029485.D
 Acq: 08 Dec 2022 19:45

Tgt Ion: 50 Resp: 228980
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.3 43.3

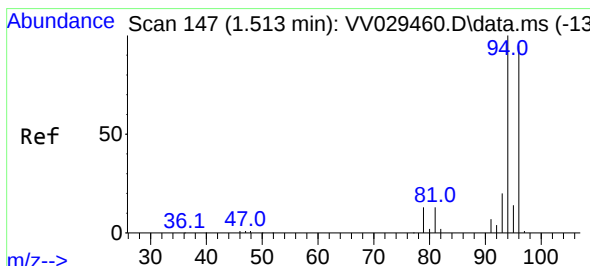
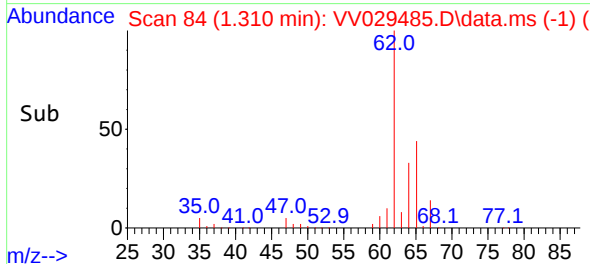
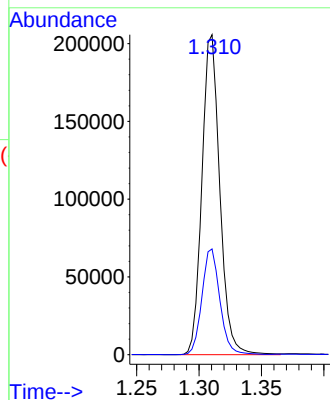
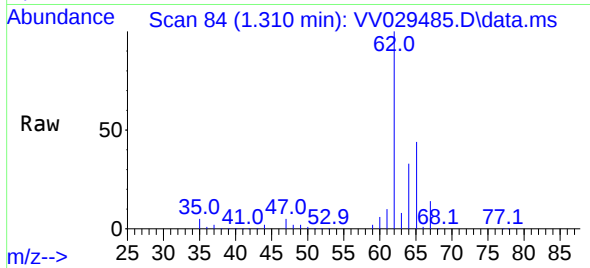




#5
 Vinyl chloride
 Concen: 48.867 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029485.D
 Acq: 08 Dec 2022 19:45

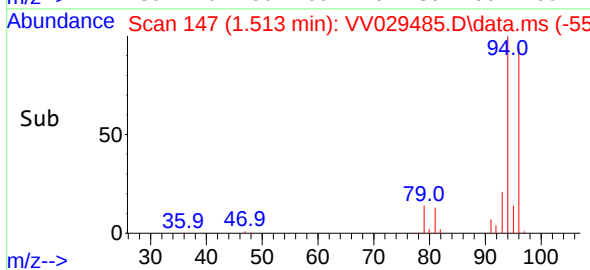
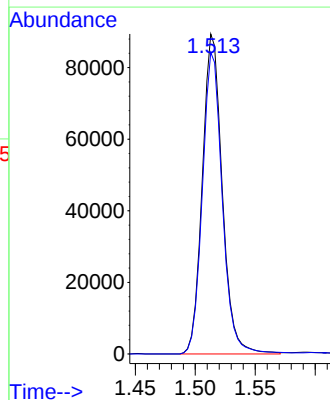
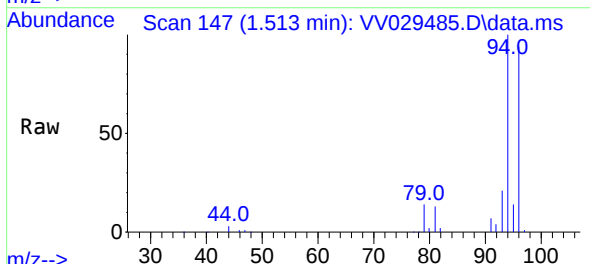
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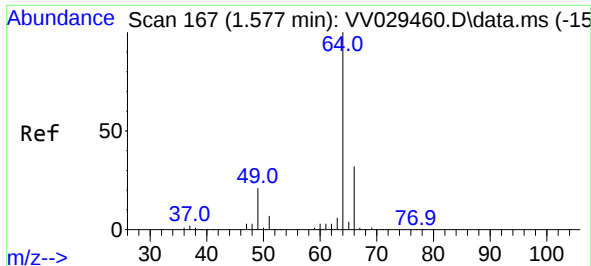
Tgt Ion: 62 Resp: 205298
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.5 41.9



#6
 Bromomethane
 Concen: 61.215 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VV029485.D
 Acq: 08 Dec 2022 19:45

Tgt Ion: 94 Resp: 103479
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.1 120.9

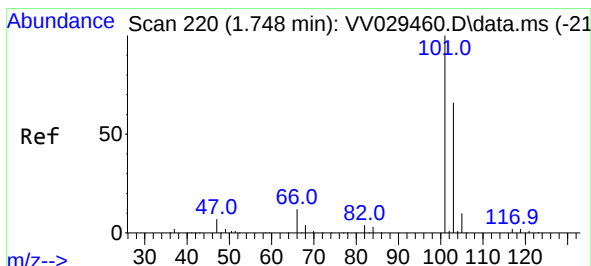
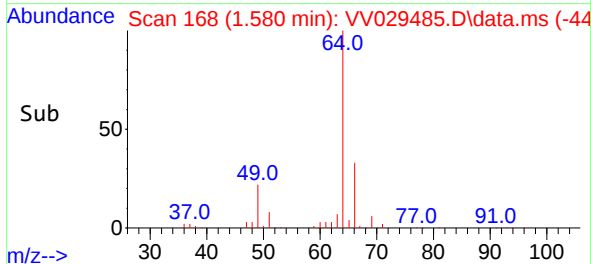
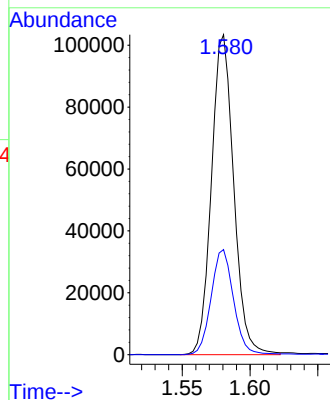
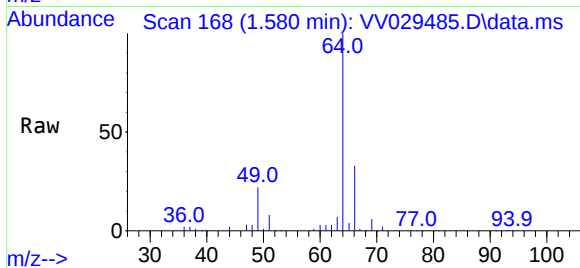




#8
Chloroethane
Concen: 50.499 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

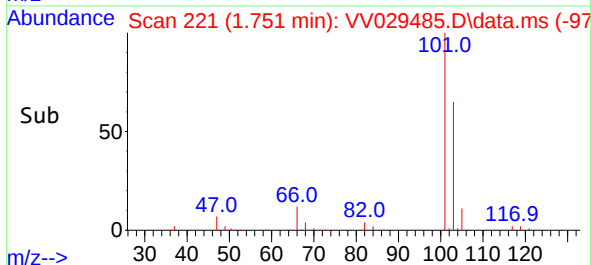
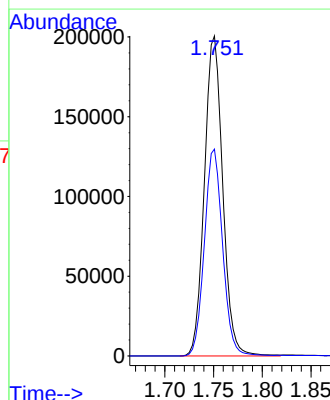
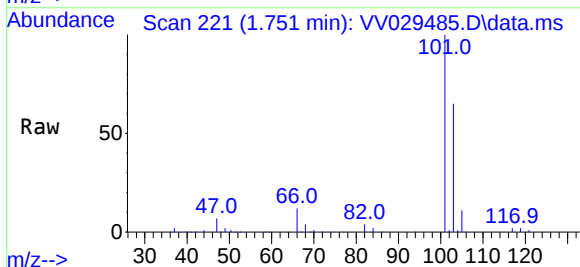
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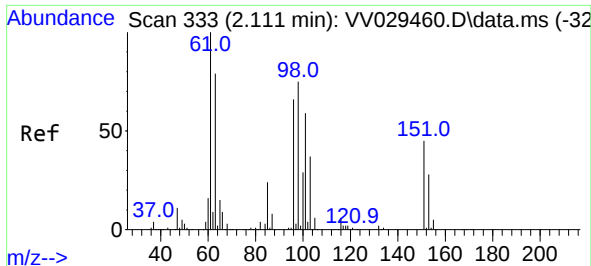
Tgt Ion: 64 Resp: 118133
Ion Ratio Lower Upper
64 100
66 32.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 49.906 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion:101 Resp: 262467
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

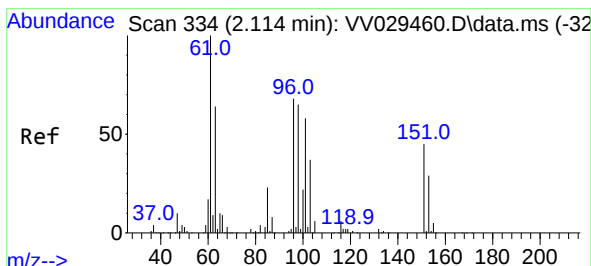
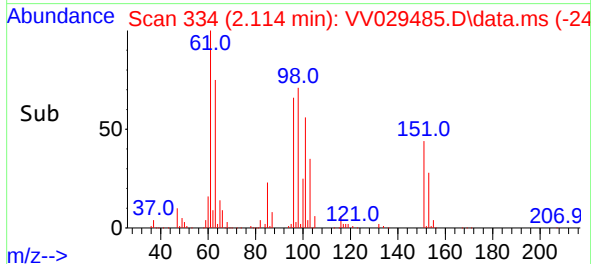
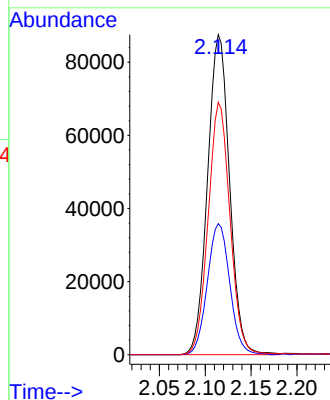
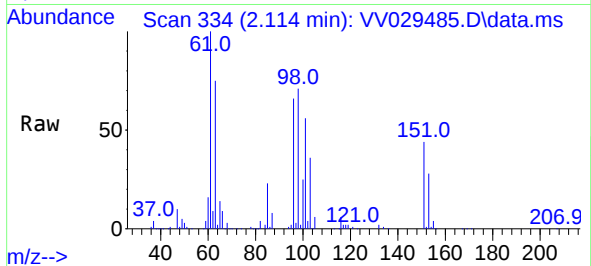




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.076 ug/L
RT: 2.114 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

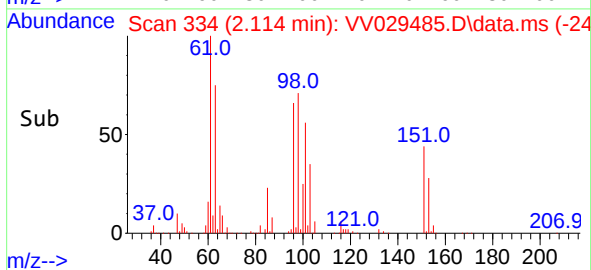
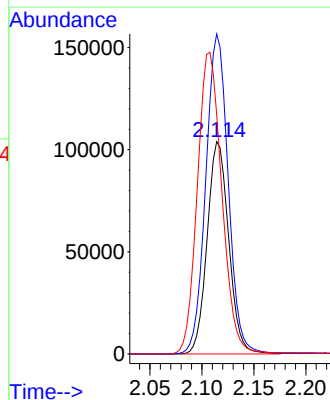
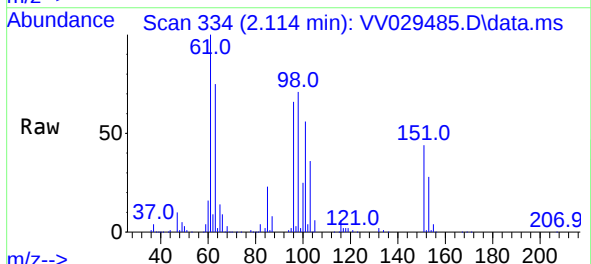
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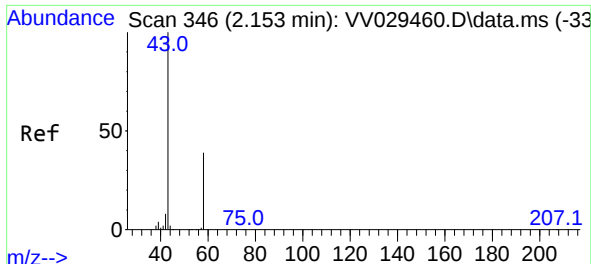
Tgt Ion:101 Resp: 146340
Ion Ratio Lower Upper
101 100
85 41.7 33.6 50.4
151 78.5 63.5 95.3



#12
1,1-Dichloroethene
Concen: 50.140 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 96 Resp: 149848
Ion Ratio Lower Upper
96 100
61 150.7 103.3 191.9
63 112.9 77.3 143.7

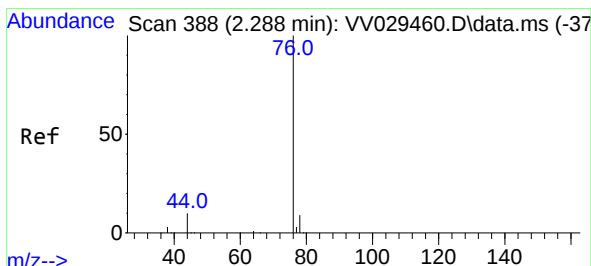
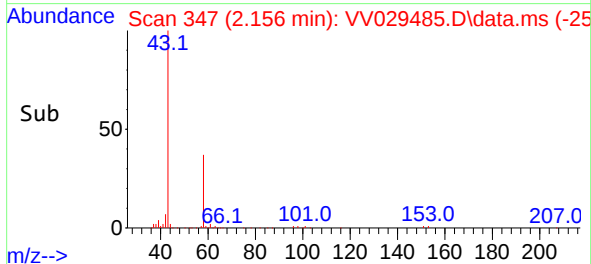
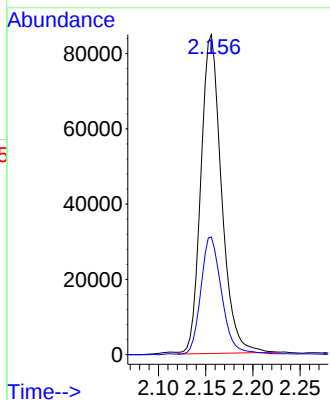
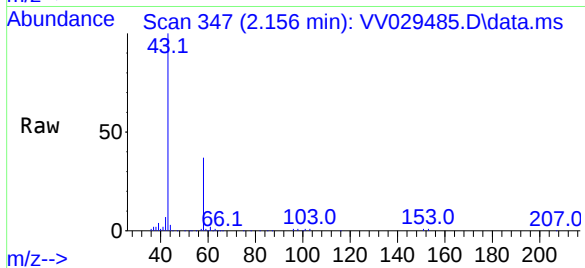




#13
Acetone
Concen: 94.759 ug/L
RT: 2.156 min Scan# 34
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

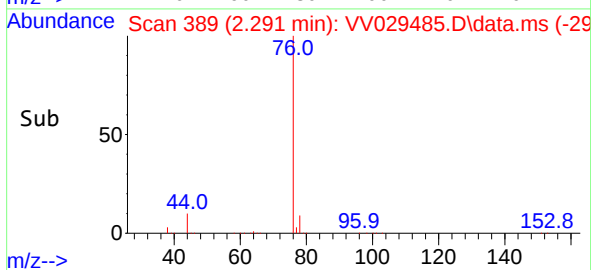
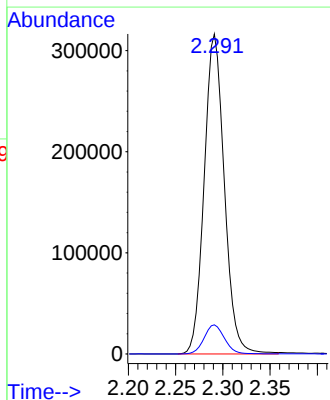
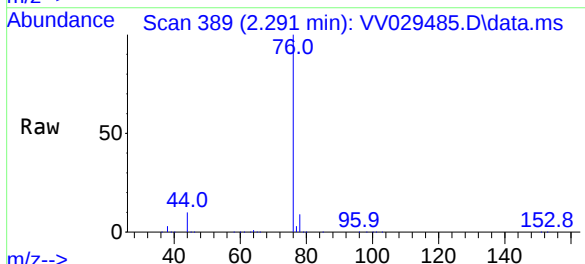
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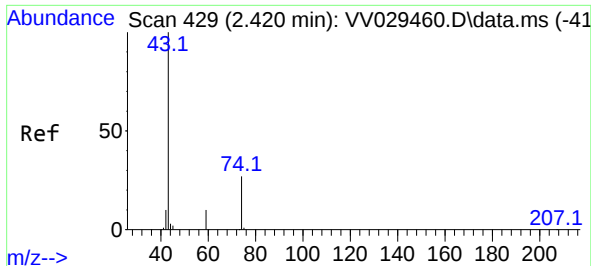
Tgt Ion: 43 Resp: 128931
Ion Ratio Lower Upper
43 100
58 37.2 0.0 74.8



#14
Carbon disulfide
Concen: 47.191 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 76 Resp: 469386
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

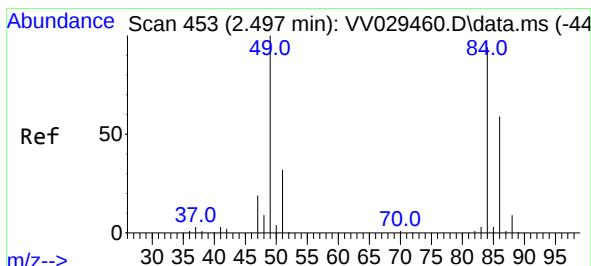
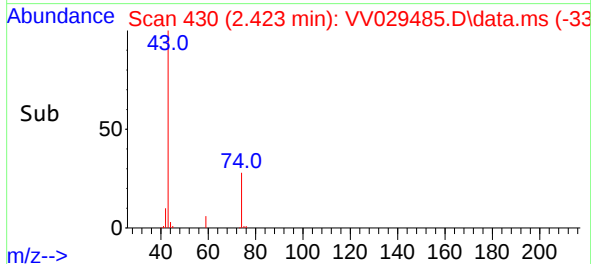
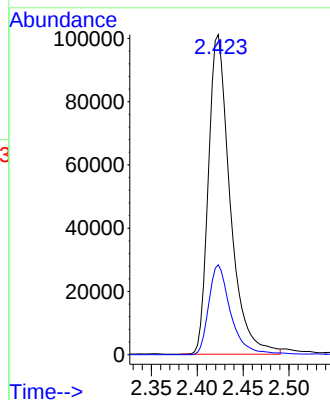
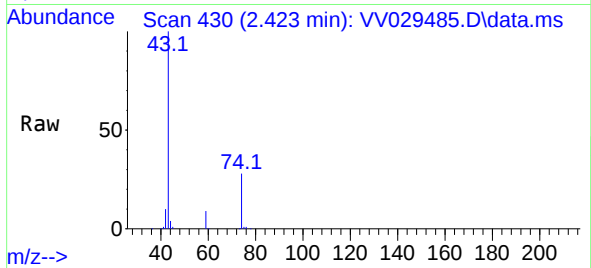




#15
Methyl Acetate
Concen: 53.644 ug/L
RT: 2.423 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

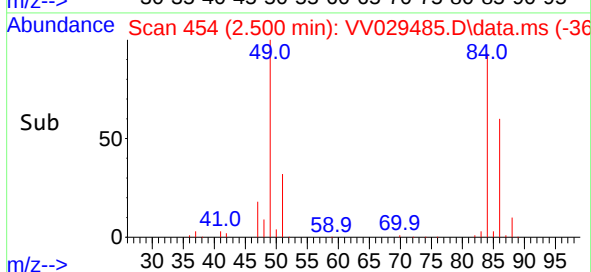
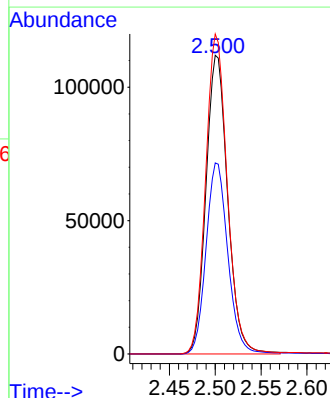
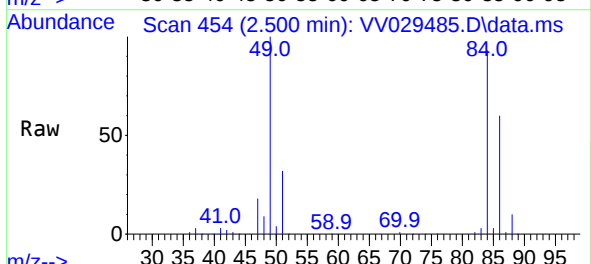
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

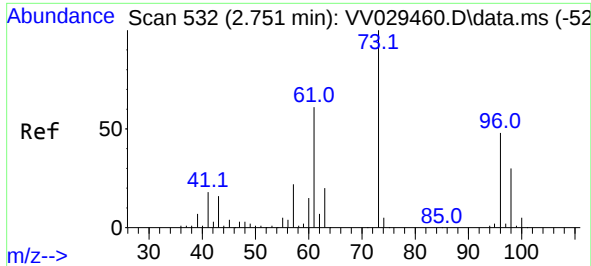
Tgt Ion: 43 Resp: 166292
Ion Ratio Lower Upper
43 100
74 28.3 23.5 35.3



#16
Methylene chloride
Concen: 49.674 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 84 Resp: 184588
Ion Ratio Lower Upper
84 100
86 63.9 46.0 85.4
49 107.1 72.2 134.0

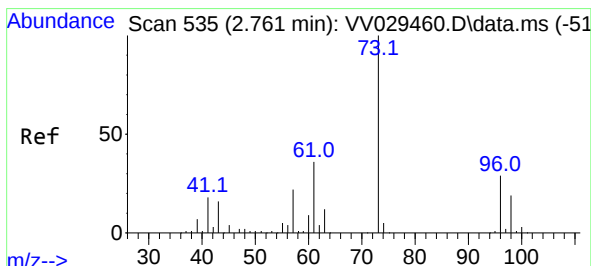
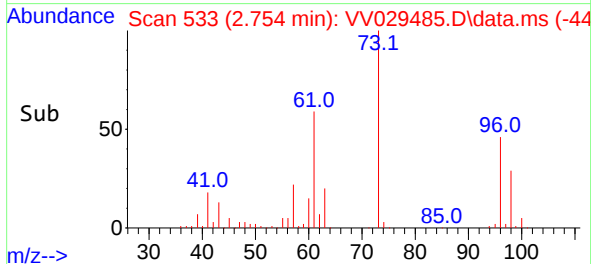
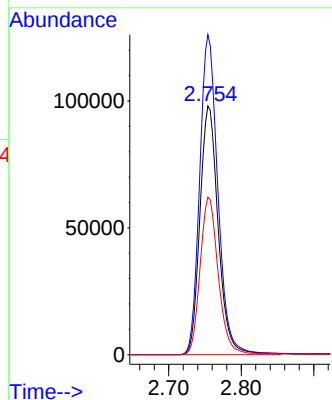
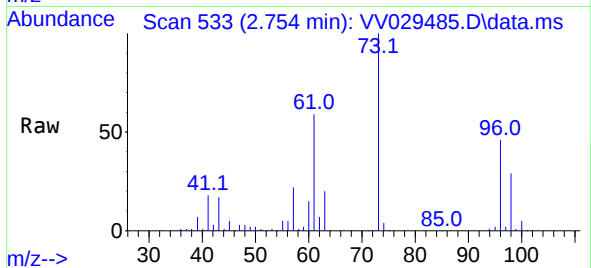




#17
trans-1,2-Dichloroethene
Concen: 49.891 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

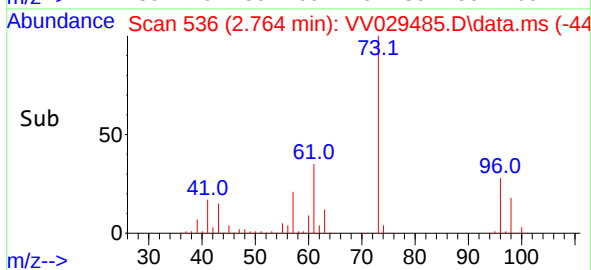
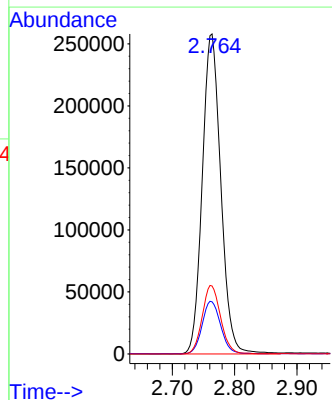
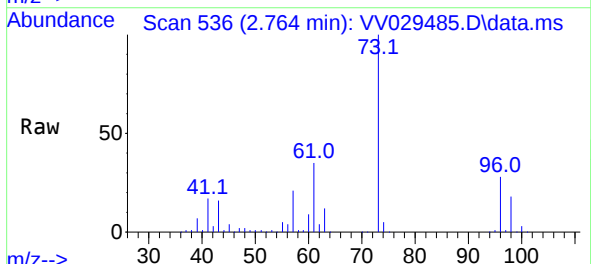
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

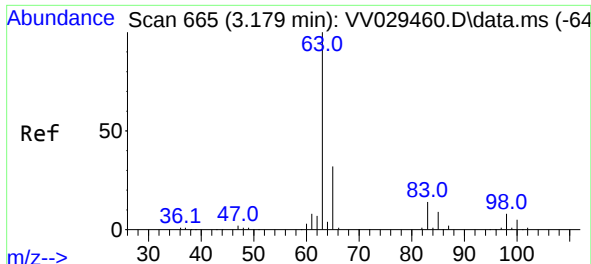
Tgt Ion: 96 Resp: 171802
Ion Ratio Lower Upper
96 100
61 128.7 86.4 160.4
98 63.3 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 50.635 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 73 Resp: 534224
Ion Ratio Lower Upper
73 100
43 16.2 12.7 19.1
57 21.2 16.7 25.1





#19

1,1-Dichloroethane

Concen: 51.072 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029485.D

Acq: 08 Dec 2022 19:45

Instrument :

MSVOA_V

ClientSampleId :

VBLK301

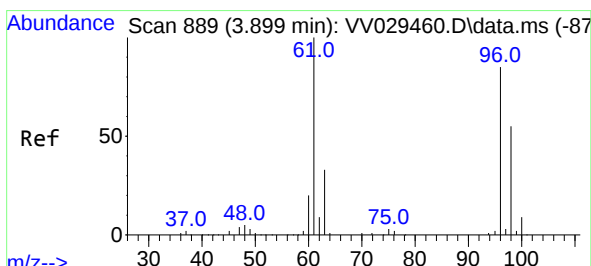
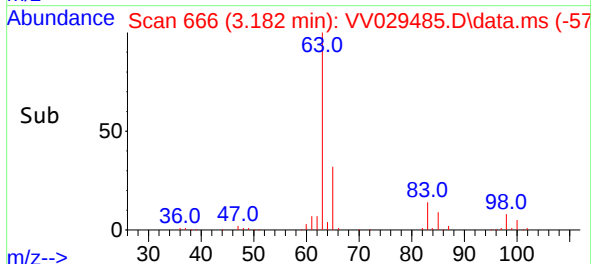
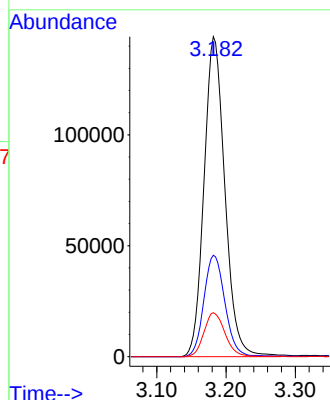
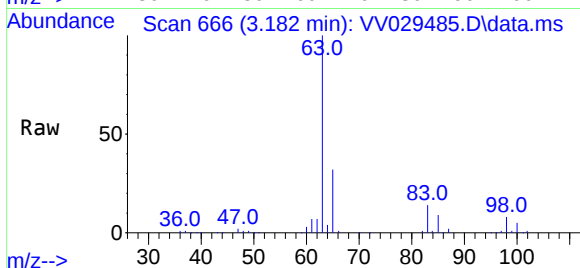
Tgt Ion: 63 Resp: 301289

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.7

83 13.8 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 49.788 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV029485.D

Acq: 08 Dec 2022 19:45

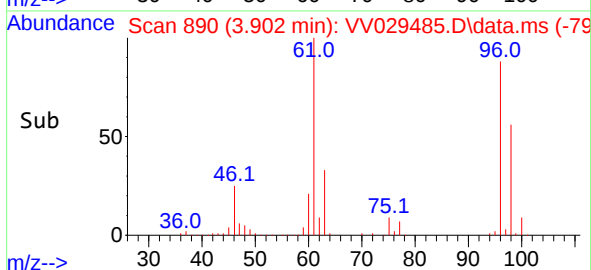
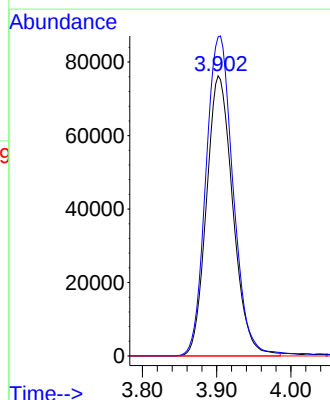
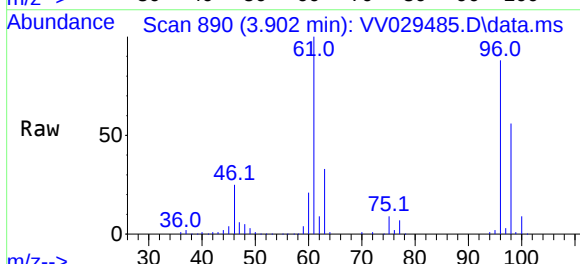
Tgt Ion: 96 Resp: 188527

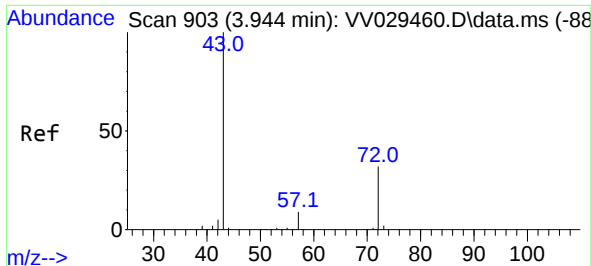
Ion Ratio Lower Upper

96 100

61 113.9 78.0 144.9

68 0.0 0.0 0.0

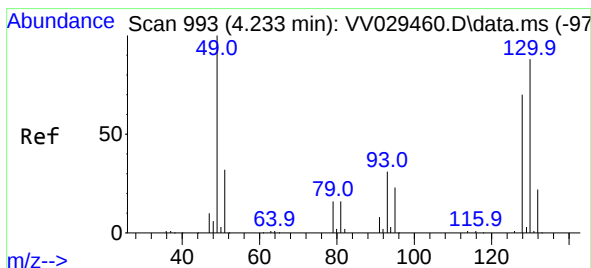
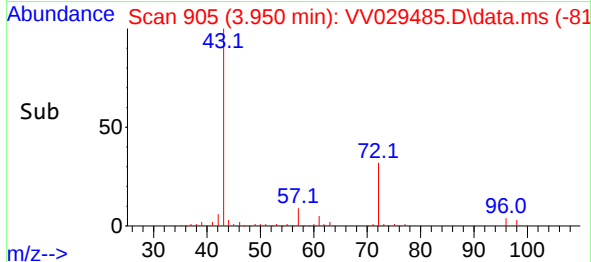
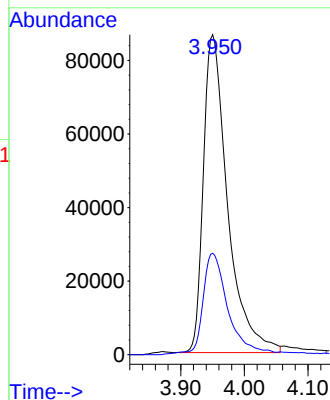
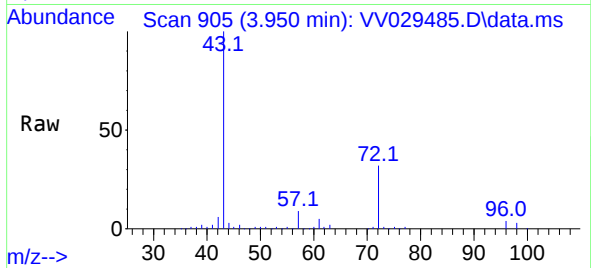




#22
2-Butanone
Concen: 105.653 ug/L
RT: 3.950 min Scan# 903
Delta R.T. -0.003 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

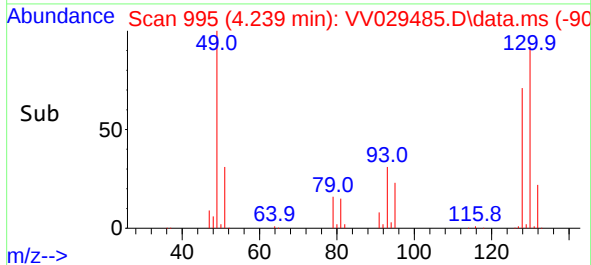
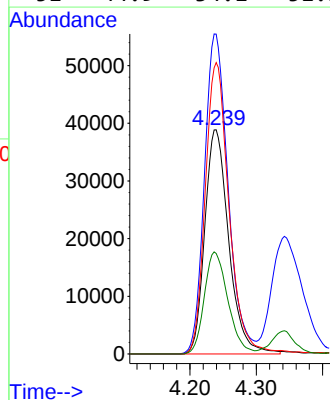
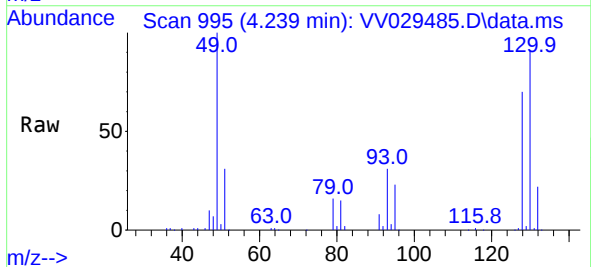
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

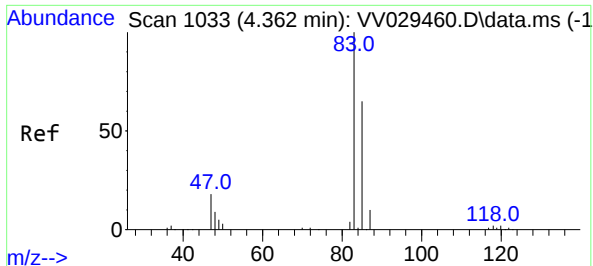
Tgt Ion: 43 Resp: 228737
Ion Ratio Lower Upper
43 100
72 30.3 15.9 47.6



#23
Bromochloromethane
Concen: 50.057 ug/L
RT: 4.239 min Scan# 995
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion:128 Resp: 97603
Ion Ratio Lower Upper
128 100
49 142.7 92.2 171.2
130 130.0 88.3 164.1
51 44.9 34.1 51.1





#25

Chloroform

Concen: 51.062 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VV029485.D

Acq: 08 Dec 2022 19:45

Instrument :

MSVOA_V

ClientSampleId :

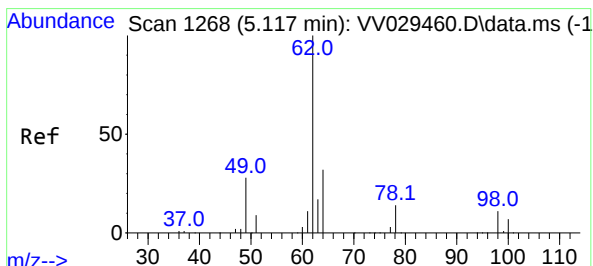
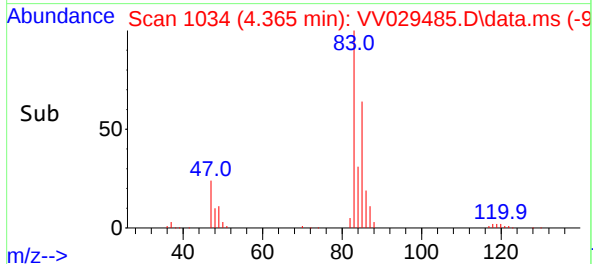
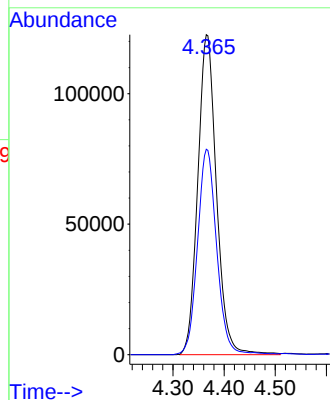
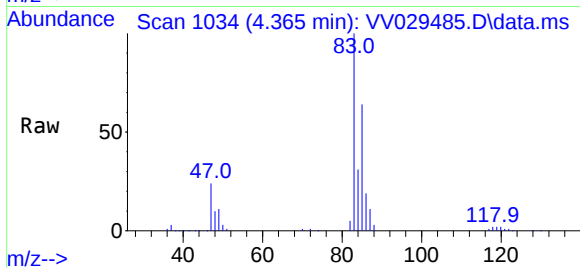
VBLK301

Tgt Ion: 83 Resp: 312292

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.9



#27

1,2-Dichloroethane

Concen: 51.552 ug/L

RT: 5.120 min Scan# 1269

Delta R.T. -0.003 min

Lab File: VV029485.D

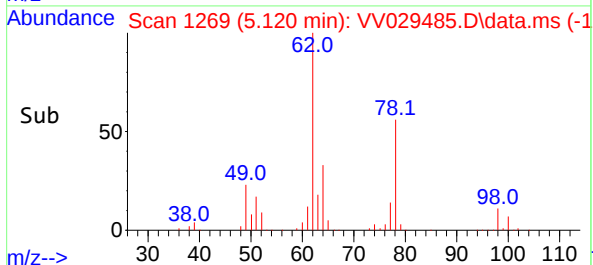
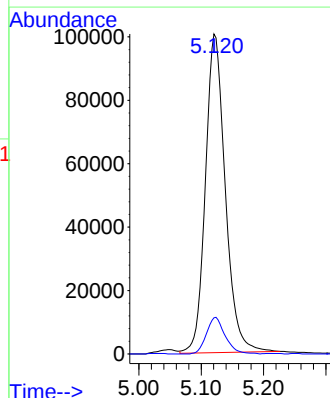
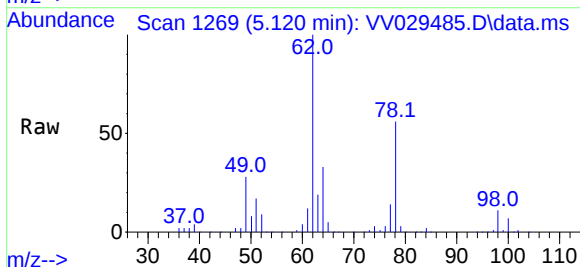
Acq: 08 Dec 2022 19:45

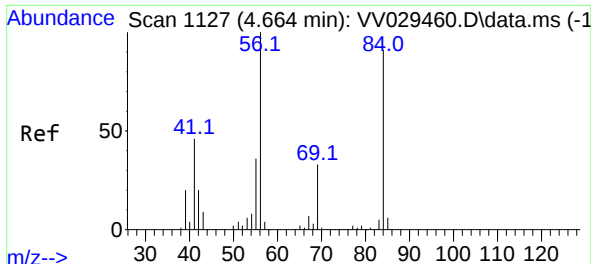
Tgt Ion: 62 Resp: 222723

Ion Ratio Lower Upper

62 100

98 11.3 9.4 14.0





#29

Cyclohexane

Concen: 49.594 ug/L

RT: 4.670 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VV029485.D

Acq: 08 Dec 2022 19:45

Instrument :

MSVOA_V

ClientSampleId :

VBLK301

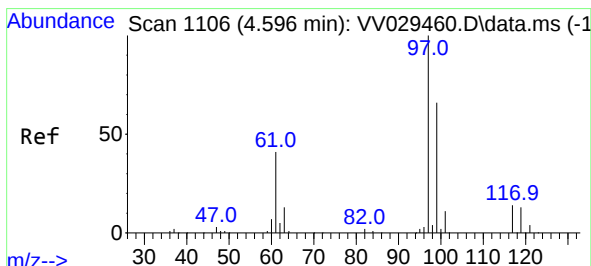
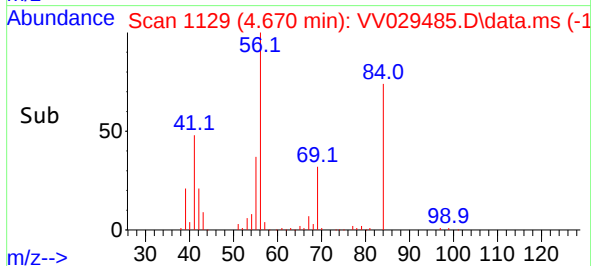
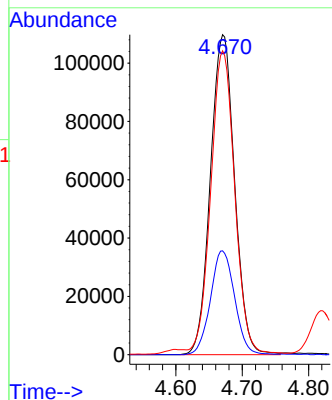
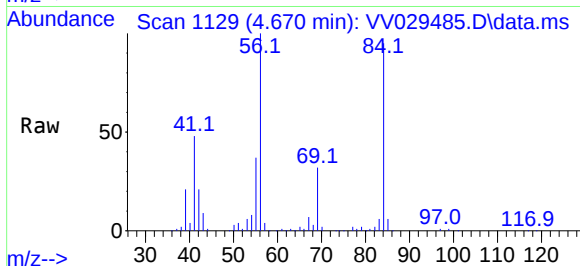
Tgt Ion: 56 Resp: 278075

Ion Ratio Lower Upper

56 100

69 32.4 25.8 38.8

84 93.9 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 48.268 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV029485.D

Acq: 08 Dec 2022 19:45

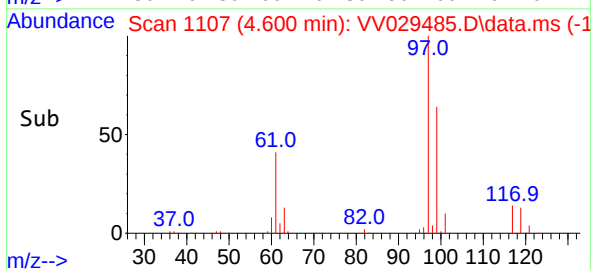
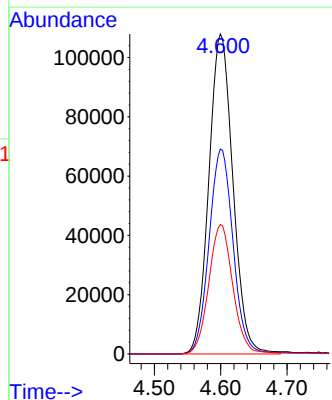
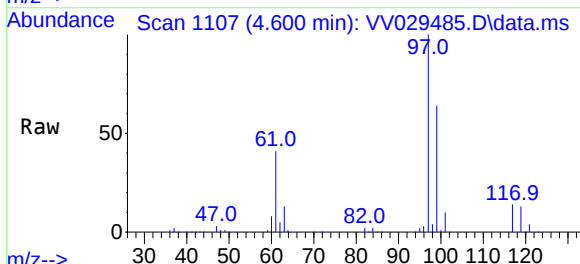
Tgt Ion: 97 Resp: 272197

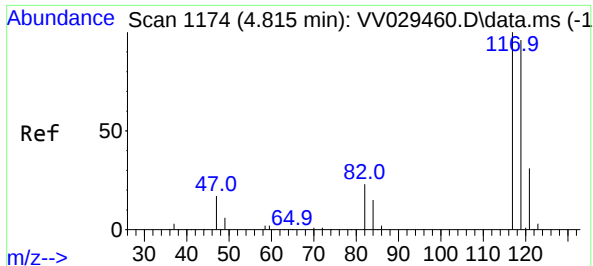
Ion Ratio Lower Upper

97 100

99 63.7 52.1 78.1

61 40.5 31.8 47.8

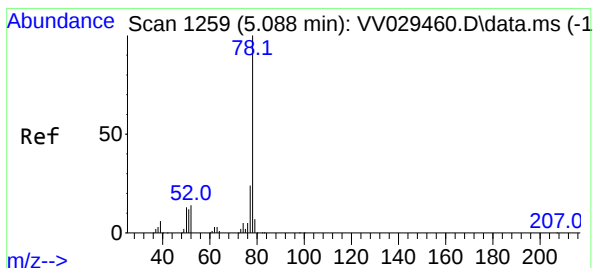
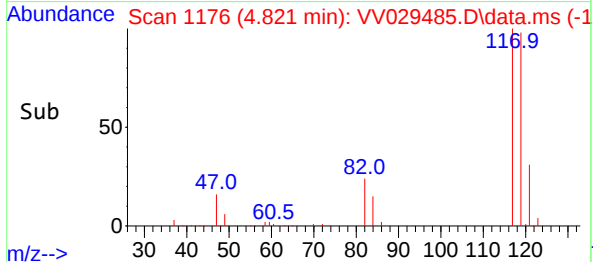
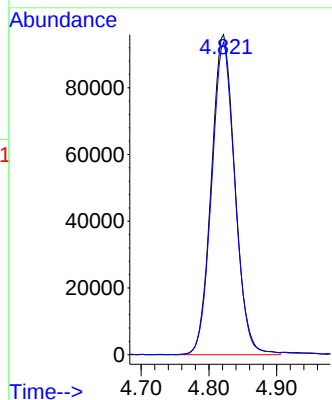
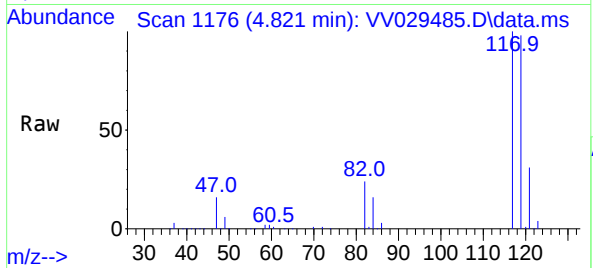




#31
Carbon tetrachloride
Concen: 47.059 ug/L
RT: 4.821 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

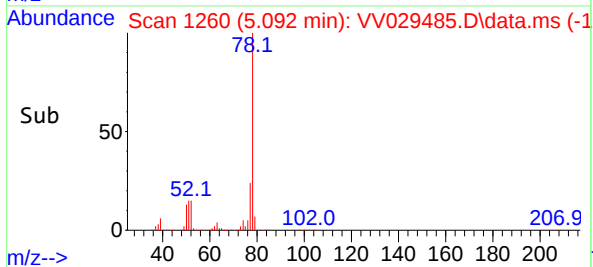
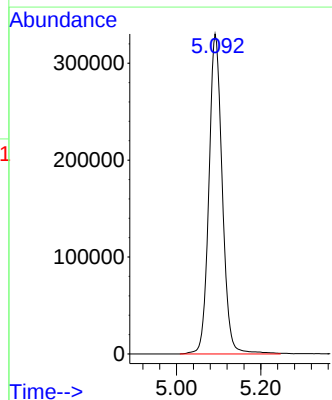
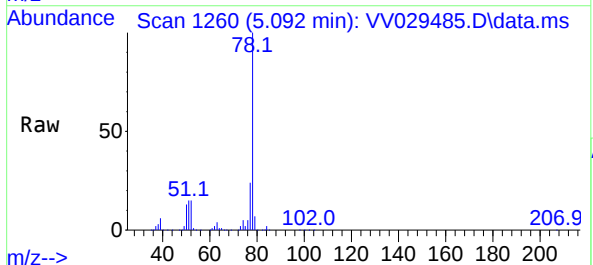
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

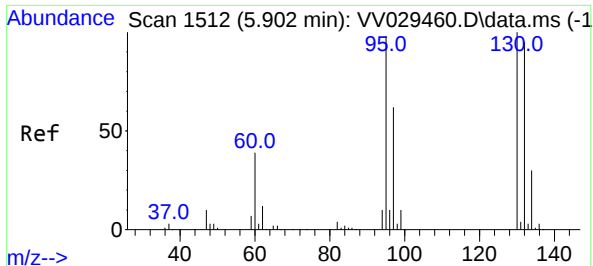
Tgt Ion:117 Resp: 231739
Ion Ratio Lower Upper
117 100
119 96.0 76.7 115.1



#33
Benzene
Concen: 49.944 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 78 Resp: 728674



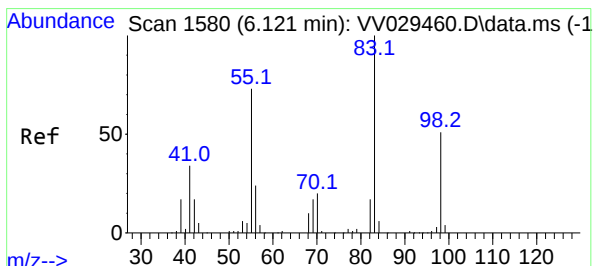
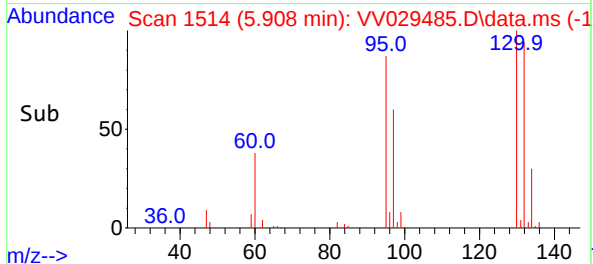
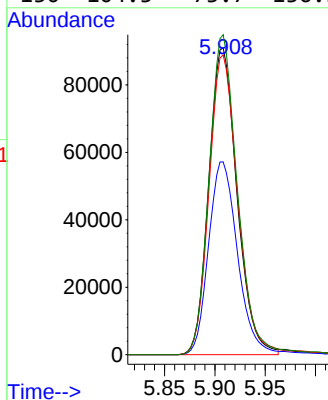
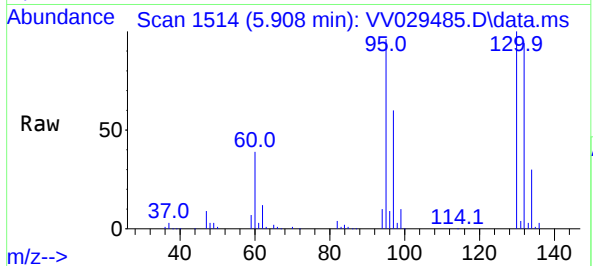


#34
Trichloroethene
Concen: 48.612 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK301

Tgt Ion: 95 Resp: 177722

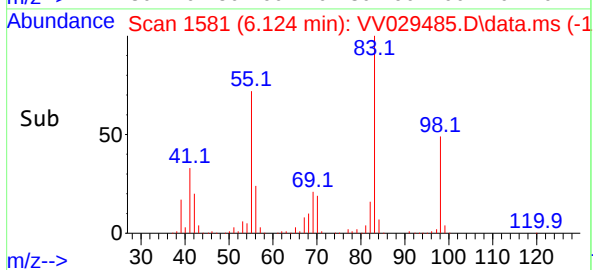
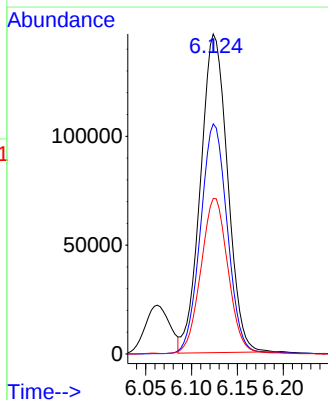
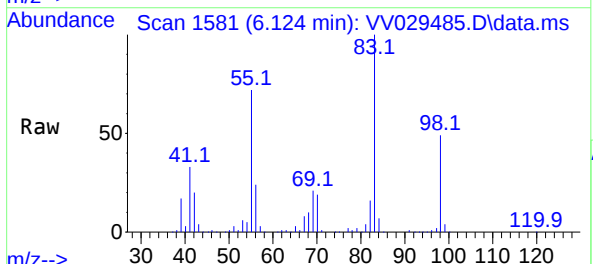
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.0	81.8
132	97.7	69.9	129.9
130	104.3	73.7	136.9

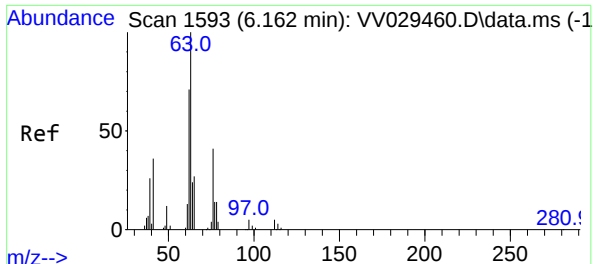


#35
Methylcyclohexane
Concen: 48.433 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 83 Resp: 300735

Ion	Ratio	Lower	Upper
83	100		
55	71.4	55.5	83.3
98	49.4	39.8	59.8

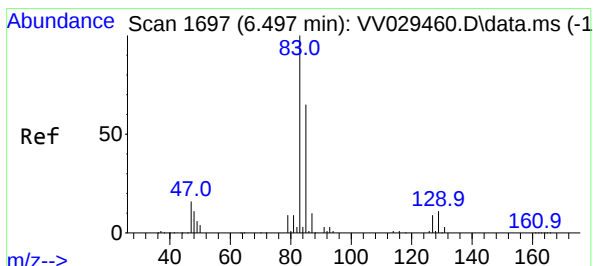
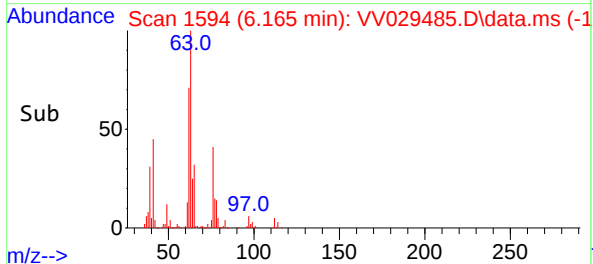
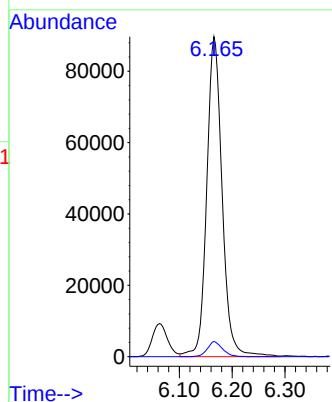
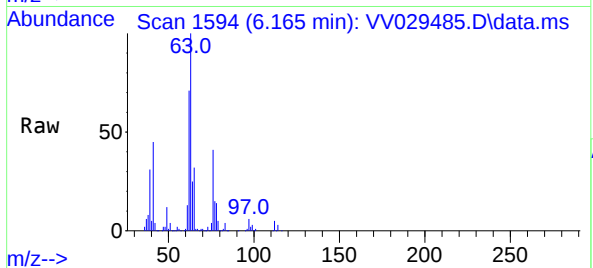




#37
1,2-Dichloropropane
Concen: 51.515 ug/L
RT: 6.165 min Scan# 1593
Delta R.T. -0.003 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

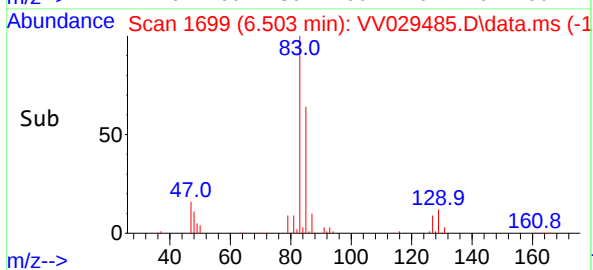
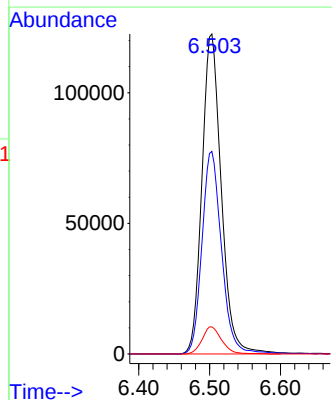
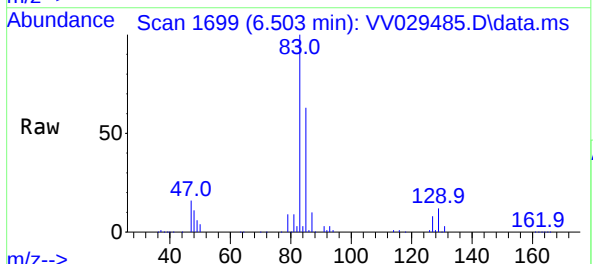
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

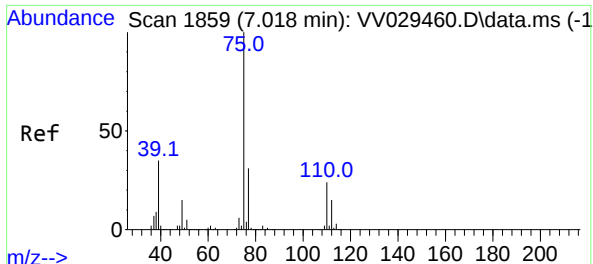
Tgt Ion: 63 Resp: 181402
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 47.713 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 83 Resp: 231939
Ion Ratio Lower Upper
83 100
85 63.3 45.3 84.1
127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 47.502 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029485.D

Acq: 08 Dec 2022 19:45

Instrument :

MSVOA_V

ClientSampleId :

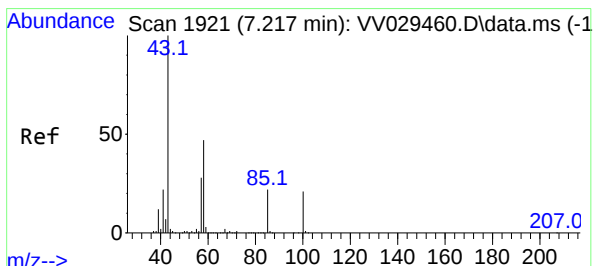
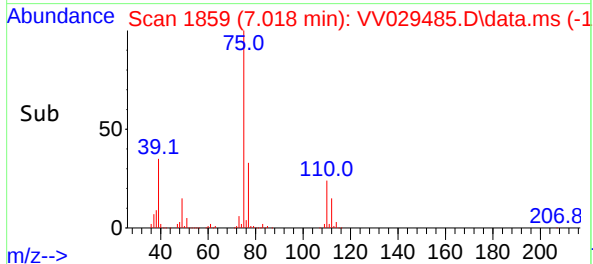
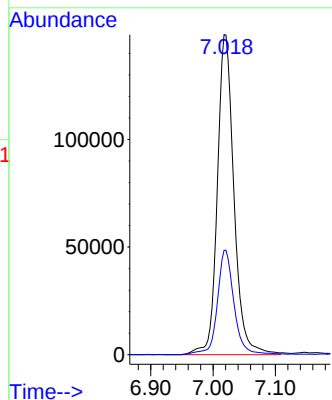
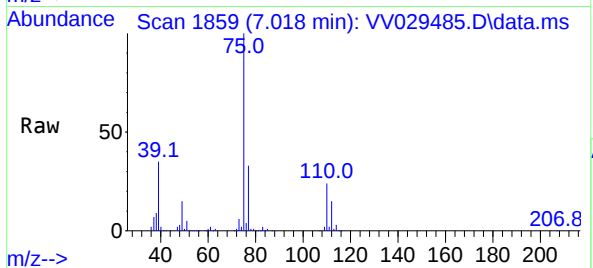
VBLK301

Tgt Ion: 75 Resp: 275096

Ion Ratio Lower Upper

75 100

77 32.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 109.416 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV029485.D

Acq: 08 Dec 2022 19:45

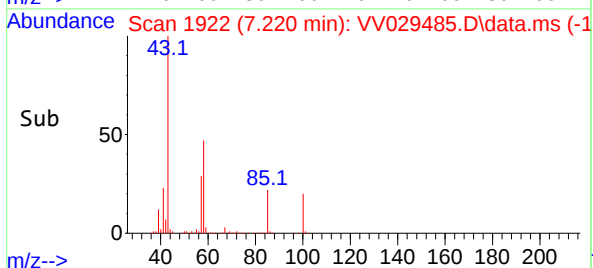
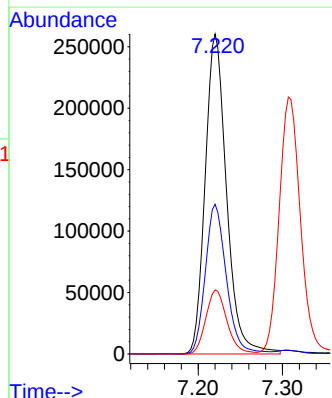
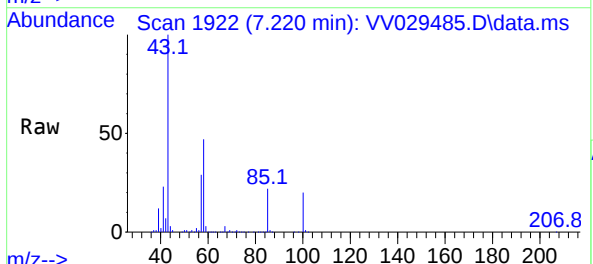
Tgt Ion: 43 Resp: 459384

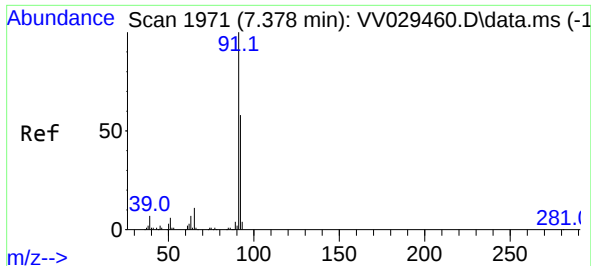
Ion Ratio Lower Upper

43 100

58 46.0 37.5 56.3

100 19.8 16.7 25.1

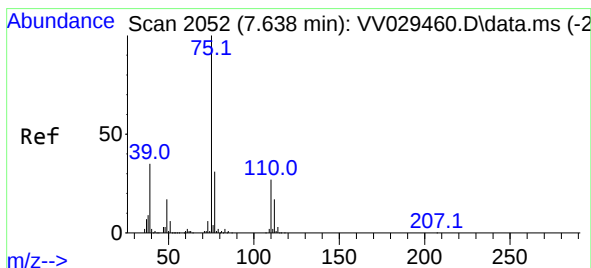
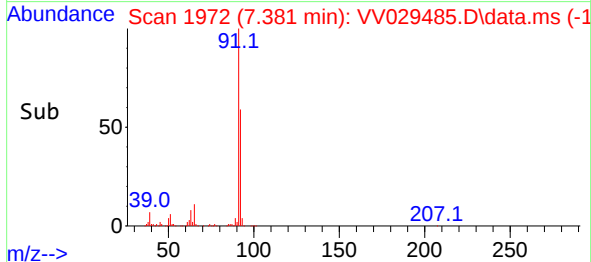
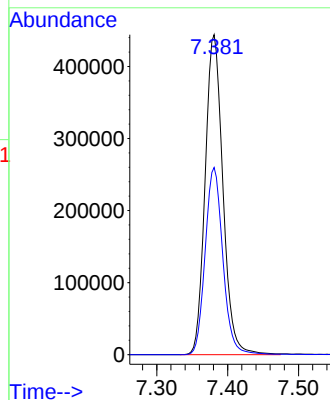
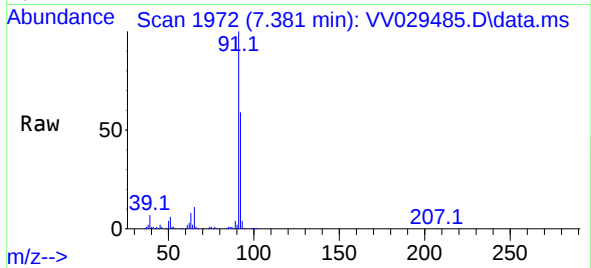




#42
Toluene
Concen: 49.257 ug/L
RT: 7.381 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

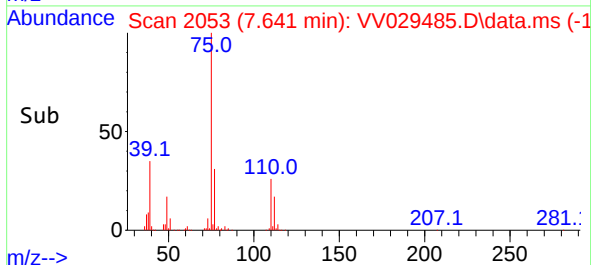
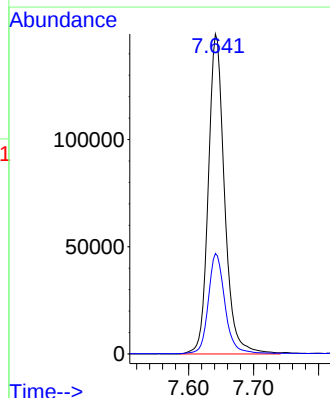
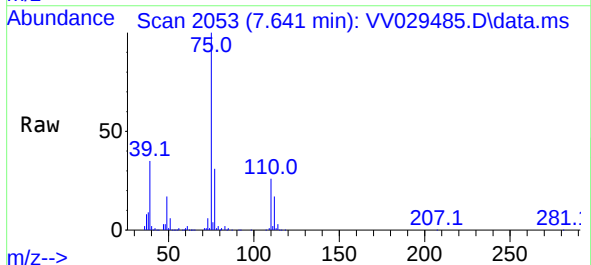
Instrument : MSVOA_V
ClientSampleId : VBLK301

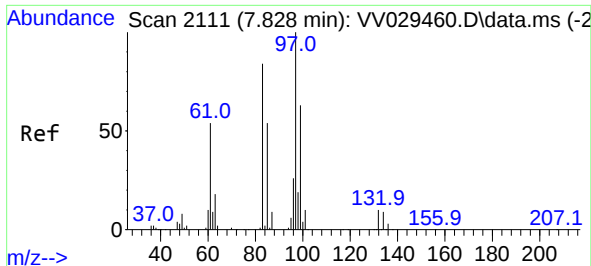
Tgt Ion: 91 Resp: 773507
Ion Ratio Lower Upper
91 100
92 58.5 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 47.395 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. -0.003 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 75 Resp: 259937
Ion Ratio Lower Upper
75 100
77 31.4 22.3 41.5



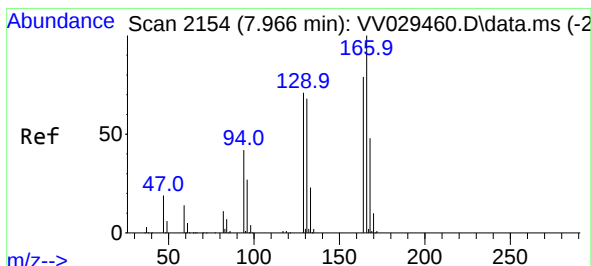
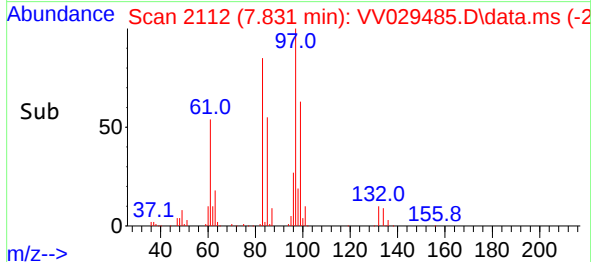
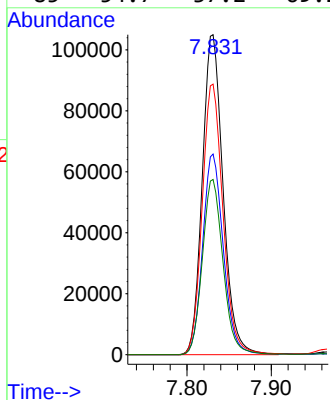
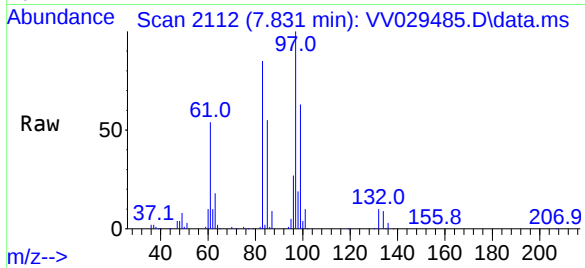


#45
1,1,2-Trichloroethane
Concen: 49.589 ug/L
RT: 7.831 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK301

Tgt Ion: 97 Resp: 180403

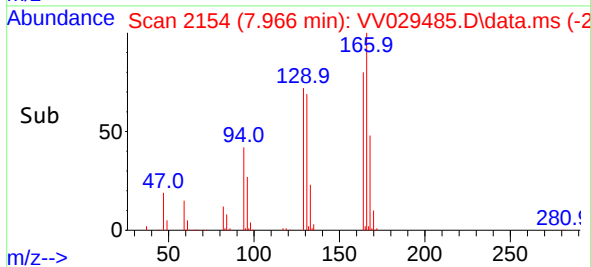
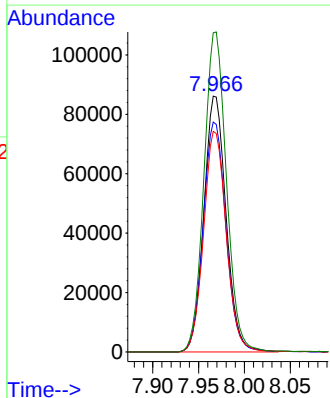
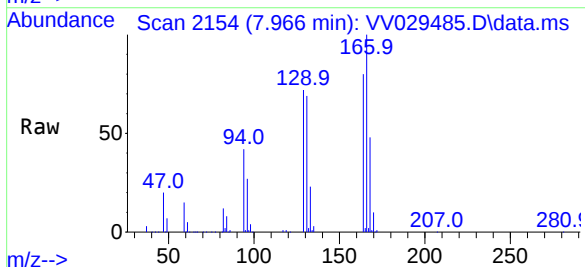
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.8	81.3
83	84.5	58.6	108.8
85	54.7	37.2	69.2

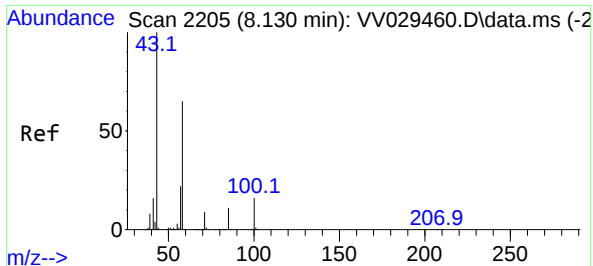


#46
Tetrachloroethene
Concen: 49.514 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 164 Resp: 145539

Ion	Ratio	Lower	Upper
164	100		
129	89.8	65.3	121.3
131	86.2	63.1	117.1
166	124.7	90.8	168.6

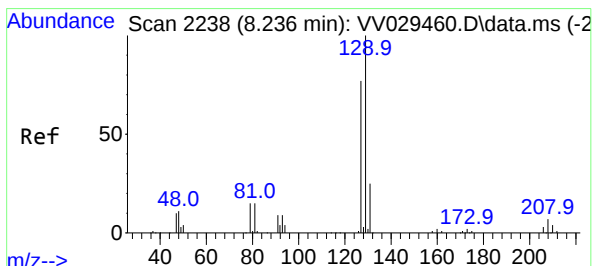
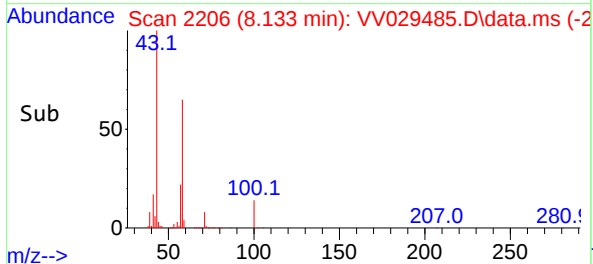
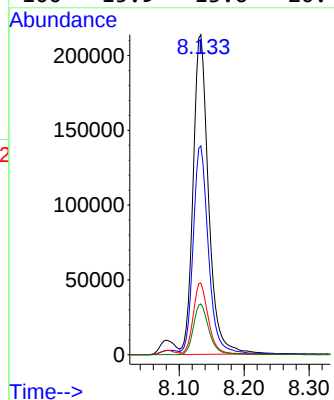
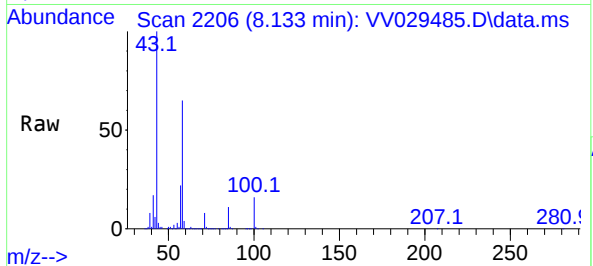




#48
2-Hexanone
Concen: 110.346 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

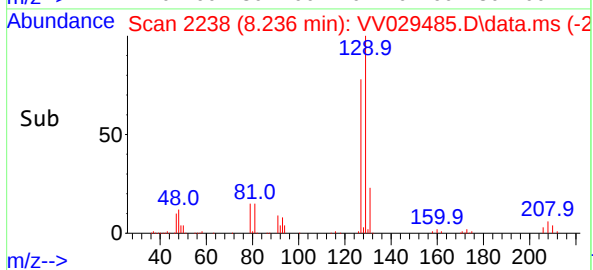
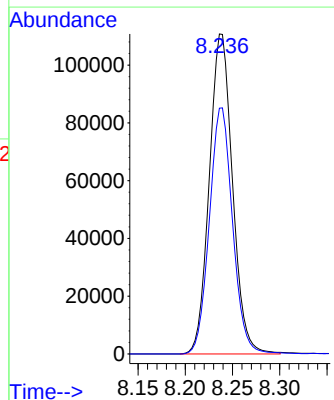
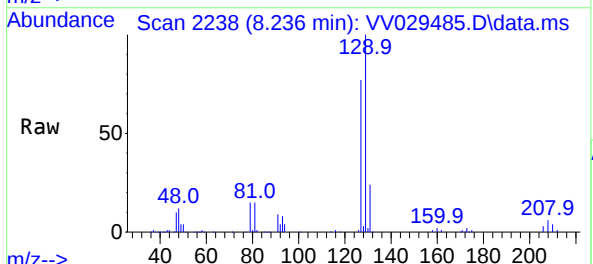
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

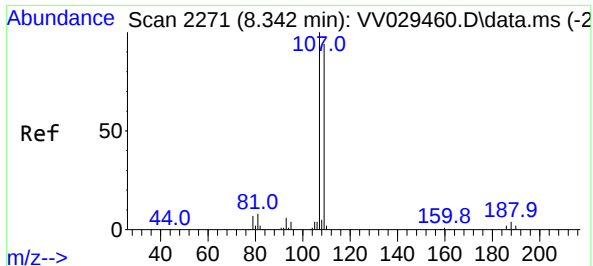
Tgt Ion: 43 Resp: 353952
Ion Ratio Lower Upper
43 100
58 63.5 54.1 81.1
57 21.2 17.4 26.0
100 15.9 13.6 20.4



#49
Dibromochloromethane
Concen: 47.128 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 129 Resp: 189289
Ion Ratio Lower Upper
129 100
127 76.8 55.2 102.4





#50

1,2-Dibromoethane

Concen: 49.409 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029485.D

Acq: 08 Dec 2022 19:45

Instrument :

MSVOA_V

ClientSampleId :

VBLK301

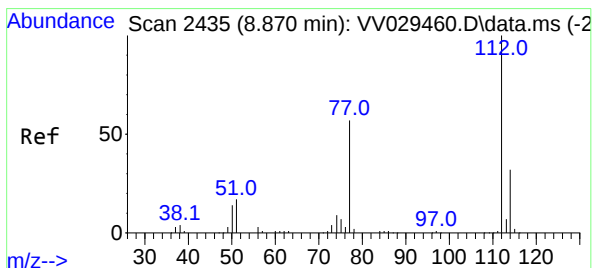
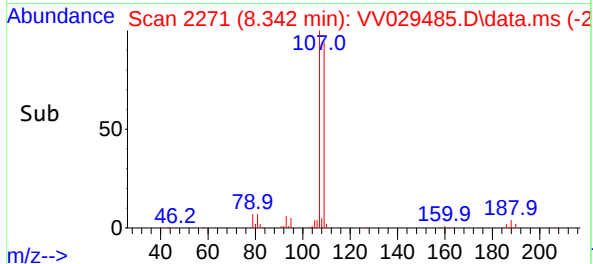
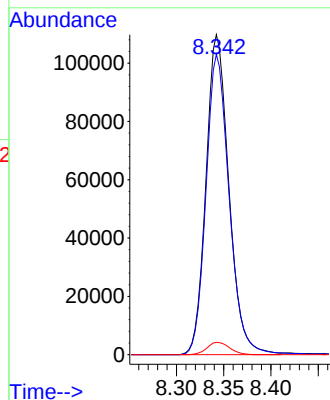
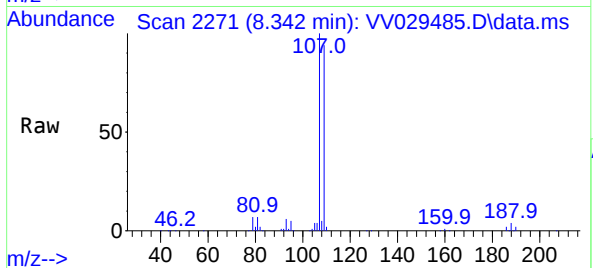
Tgt Ion:107 Resp: 185183

Ion Ratio Lower Upper

107 100

109 93.8 66.0 122.6

188 3.8 3.2 4.8



#51

Chlorobenzene

Concen: 49.347 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV029485.D

Acq: 08 Dec 2022 19:45

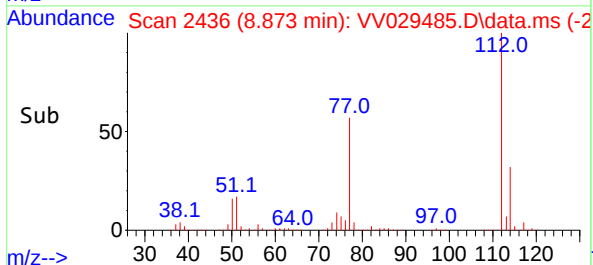
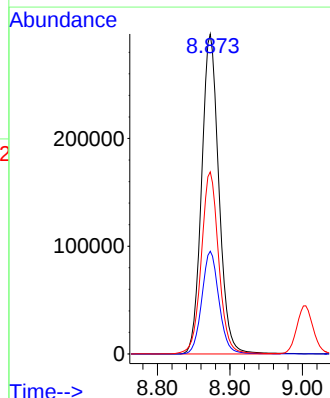
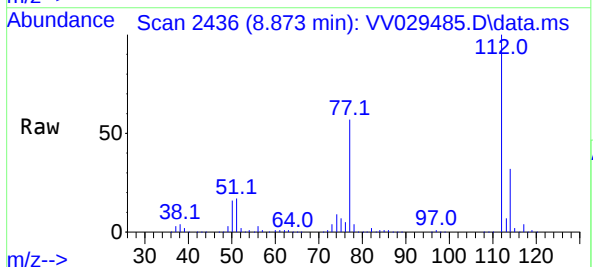
Tgt Ion:112 Resp: 490695

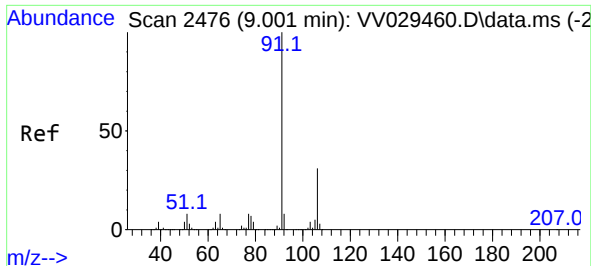
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.3

77 56.9 45.0 67.4

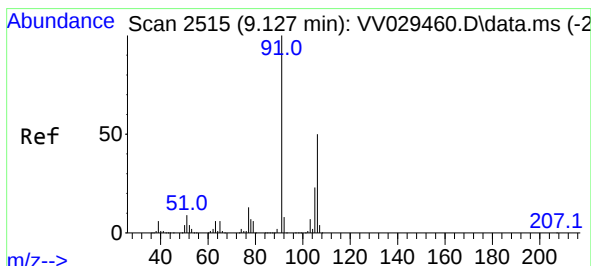
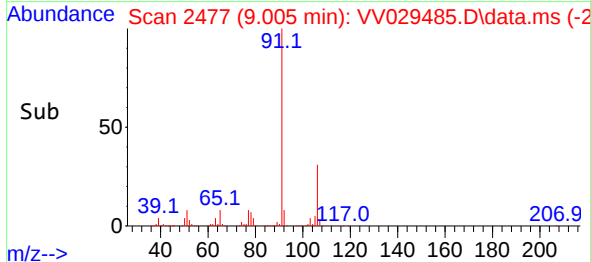
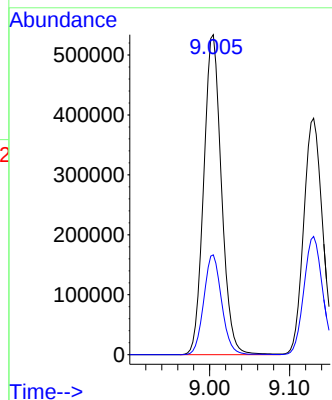
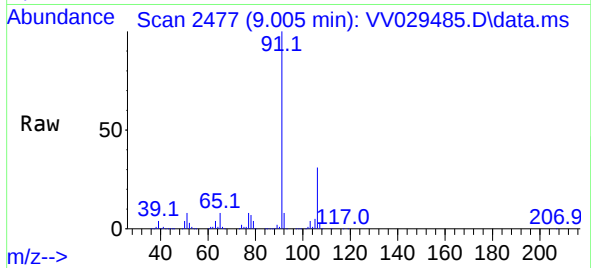




#52
Ethylbenzene
Concen: 49.986 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

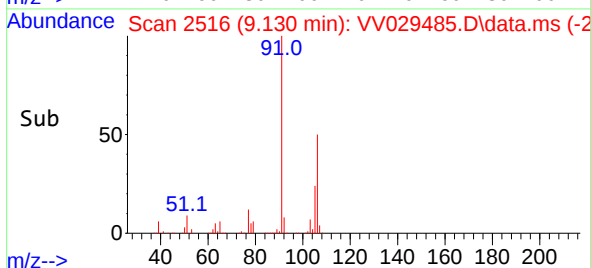
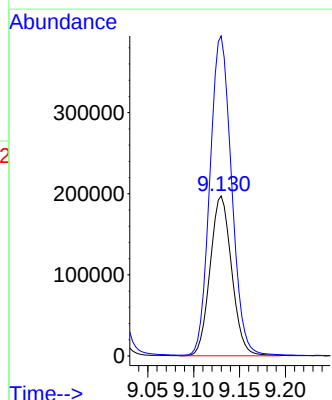
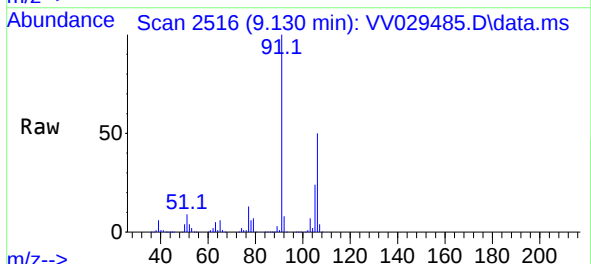
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

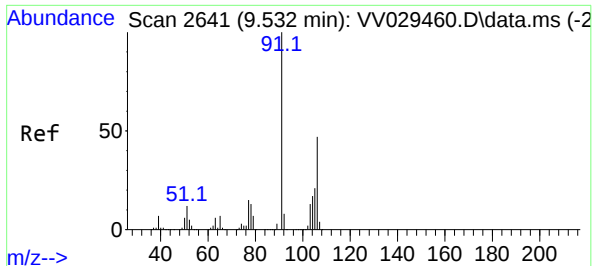
Tgt Ion: 91 Resp: 825251
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 49.160 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 106 Resp: 321226
Ion Ratio Lower Upper
106 100
91 199.9 139.5 259.1

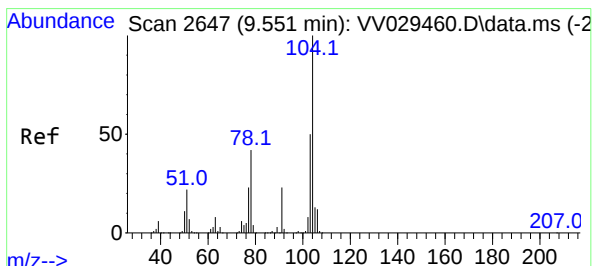
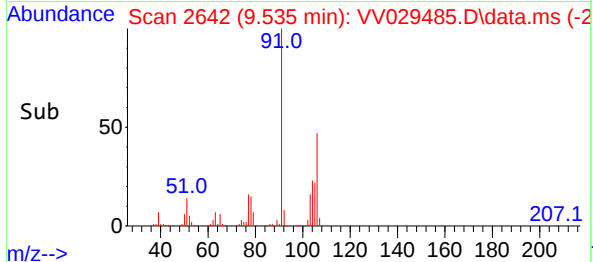
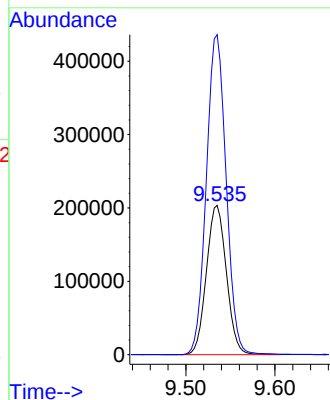
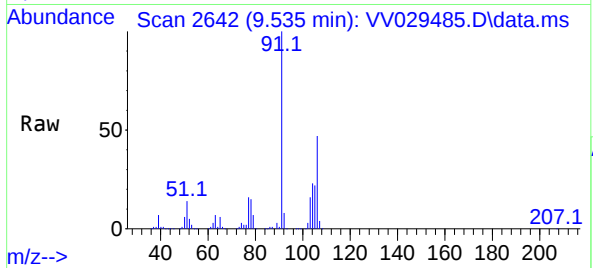




#54
o-Xylene
Concen: 49.045 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

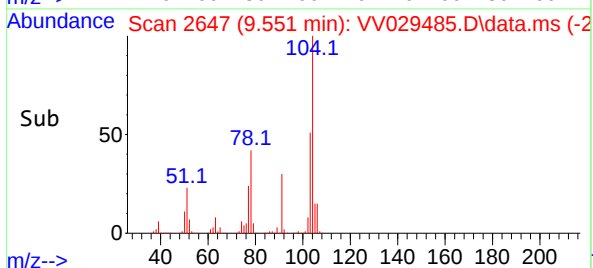
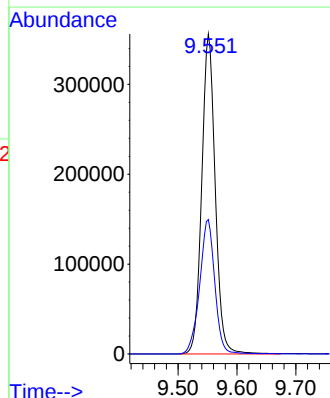
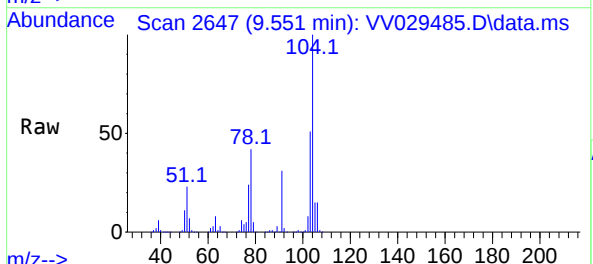
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

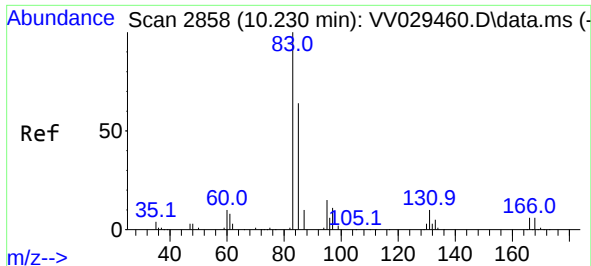
Tgt Ion:106 Resp: 317004
Ion Ratio Lower Upper
106 100
91 214.4 148.0 274.8



#55
Styrene
Concen: 50.400 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion:104 Resp: 566124
Ion Ratio Lower Upper
104 100
78 42.0 29.4 54.6

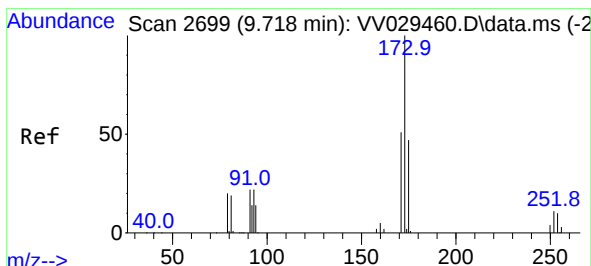
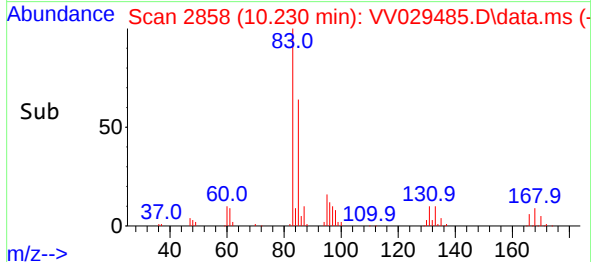
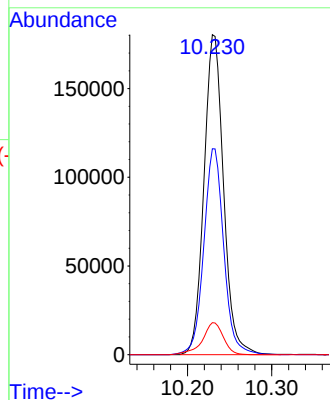
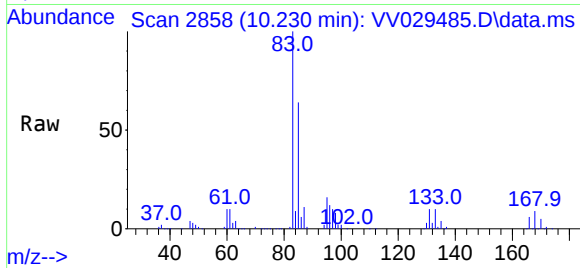




#57
1,1,2,2-Tetrachloroethane
Concen: 50.211 ug/L
RT: 10.230 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

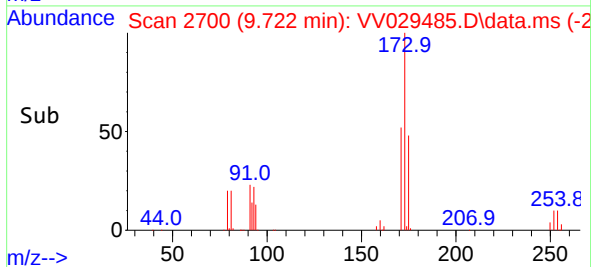
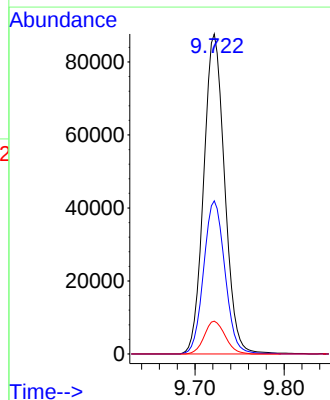
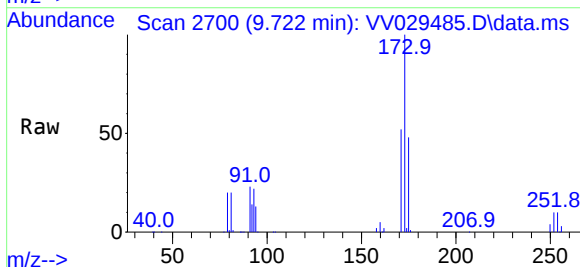
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

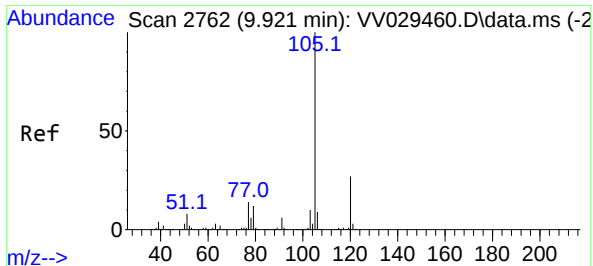
Tgt Ion: 83 Resp: 292196
Ion Ratio Lower Upper
83 100
85 64.3 45.7 84.9
131 10.0 7.9 11.9



#59
Bromoform
Concen: 46.686 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 173 Resp: 143030
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 10.2 7.8 11.8

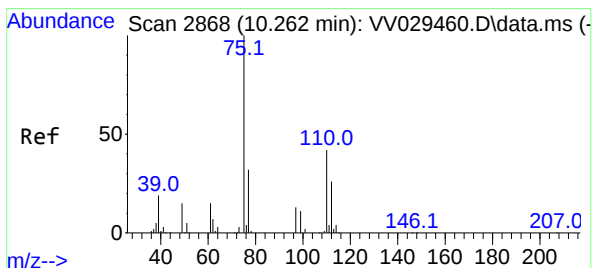
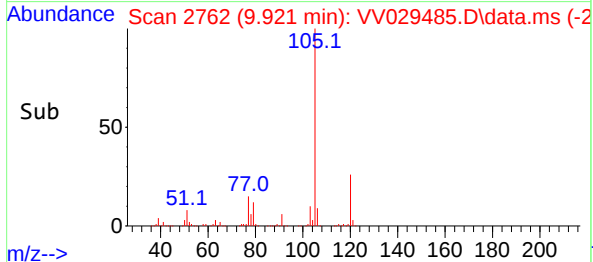
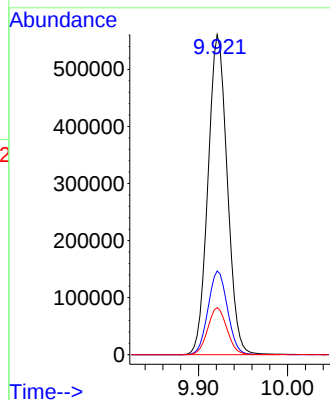
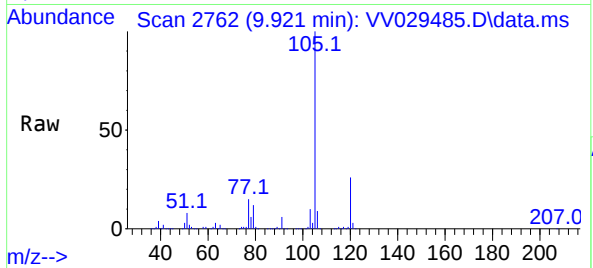




#60
Isopropylbenzene
Concen: 51.657 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

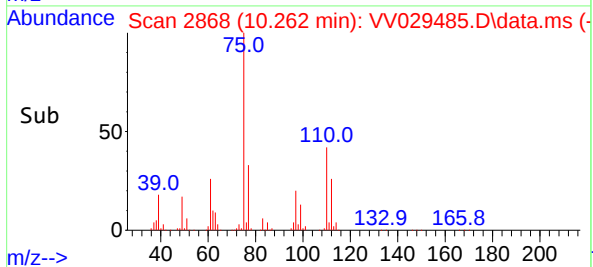
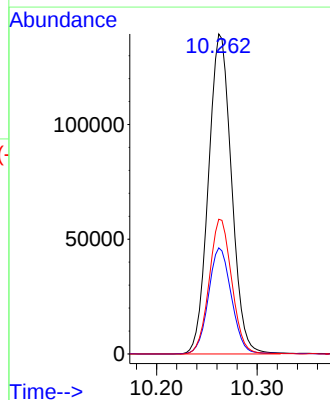
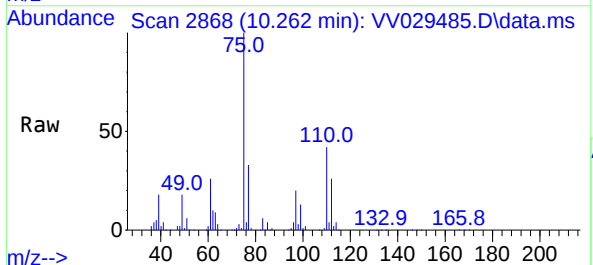
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

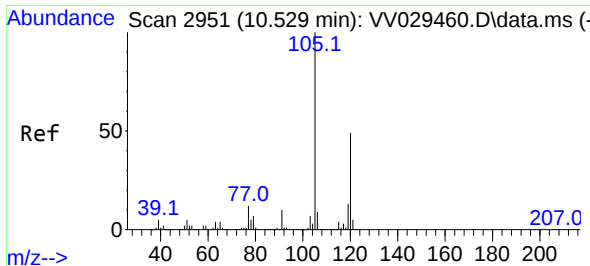
Tgt Ion:105 Resp: 841134
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 14.7 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 51.958 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion: 75 Resp: 222428
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.2
110 41.3 32.7 49.1

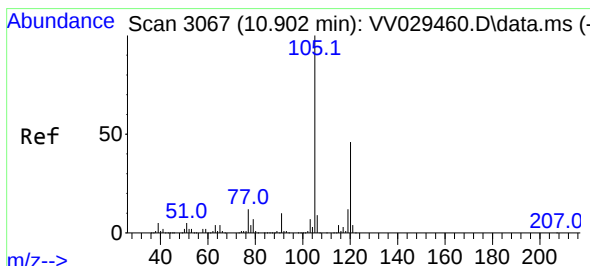
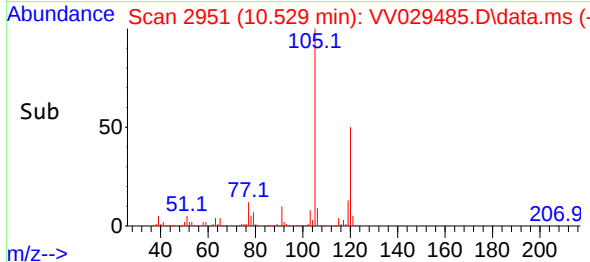
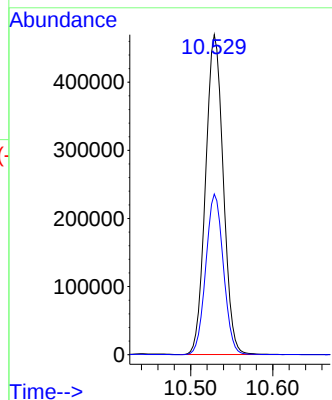
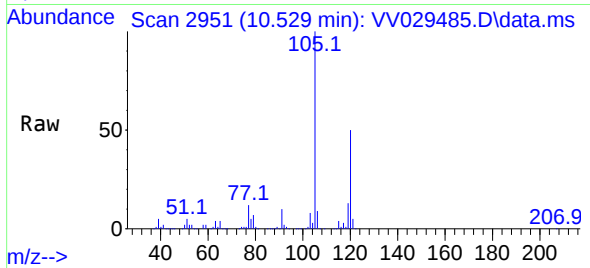




#62
1,3,5-Trimethylbenzene
Concen: 48.951 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

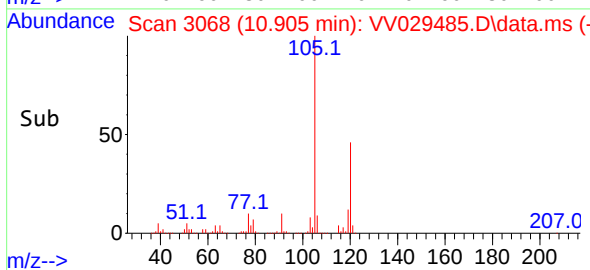
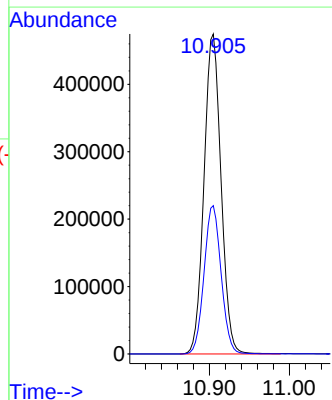
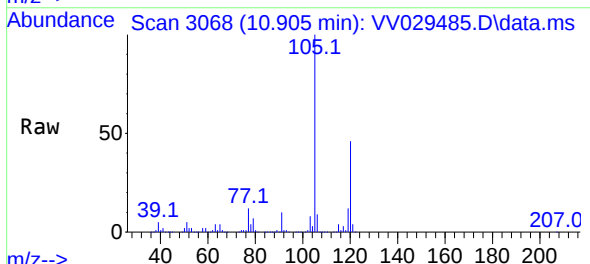
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

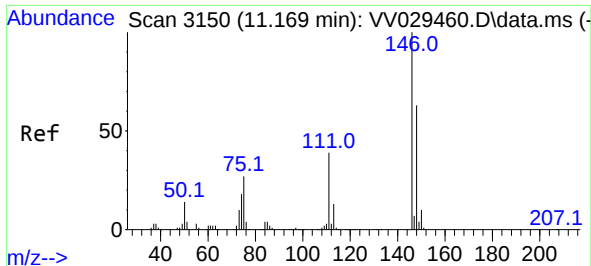
Tgt Ion:105 Resp: 704765
Ion Ratio Lower Upper
105 100
120 50.0 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 49.320 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion:105 Resp: 703858
Ion Ratio Lower Upper
105 100
120 46.4 36.7 55.1

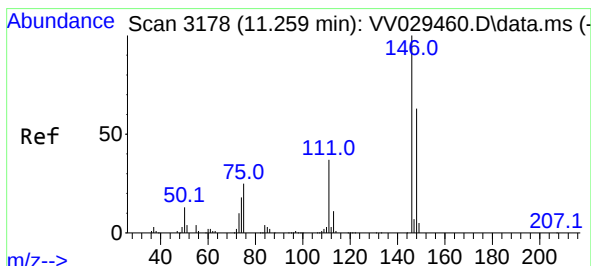
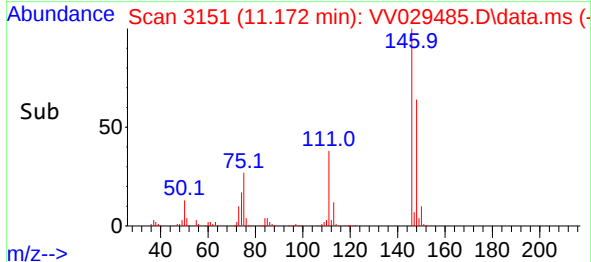
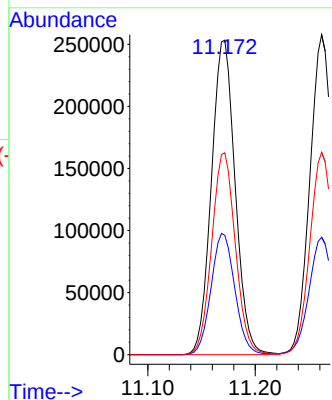
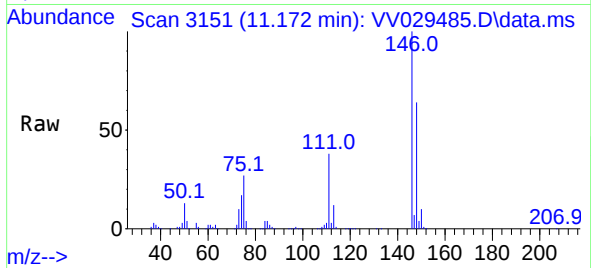




#64
1,3-Dichlorobenzene
Concen: 48.981 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

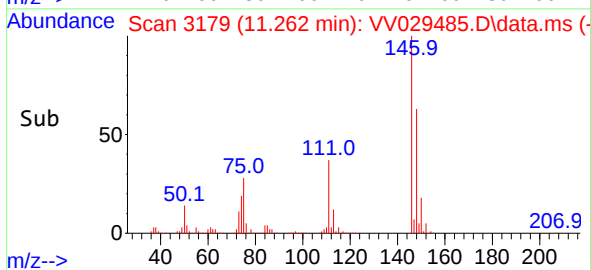
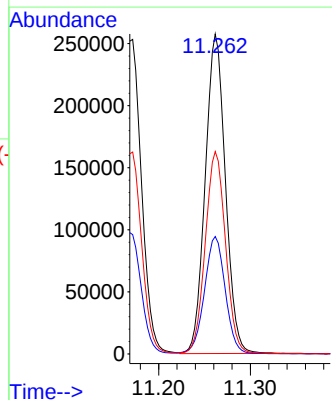
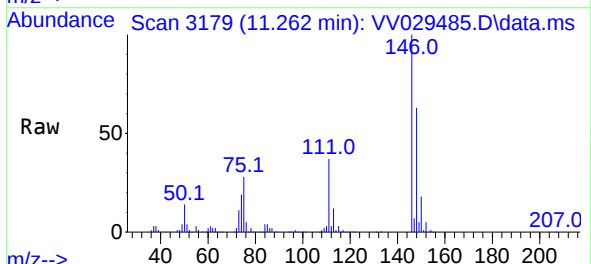
Instrument :
MSVOA_V
ClientSampleId :
VBLK301

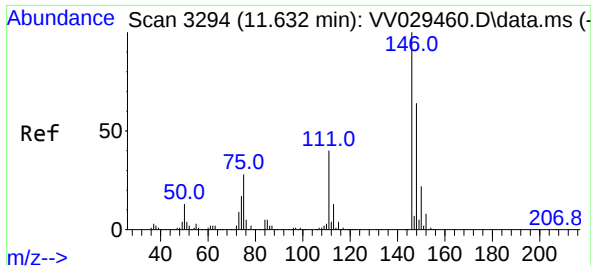
Tgt Ion:146 Resp: 389968
Ion Ratio Lower Upper
146 100
111 37.9 27.4 51.0
148 64.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 48.605 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion:146 Resp: 393284
Ion Ratio Lower Upper
146 100
111 36.7 26.2 48.8
148 63.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 48.254 ug/L

RT: 11.631 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029485.D

Acq: 08 Dec 2022 19:45

Instrument :

MSVOA_V

ClientSampleId :

VBLK301

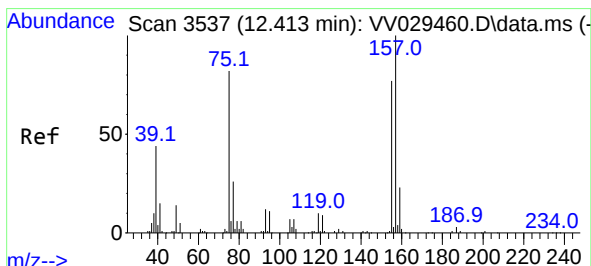
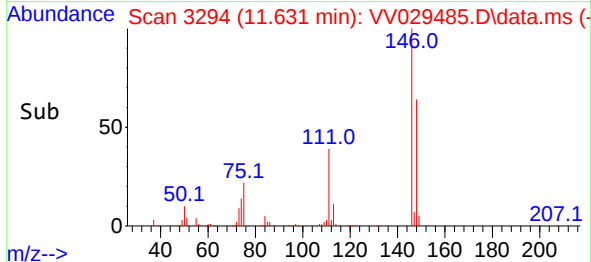
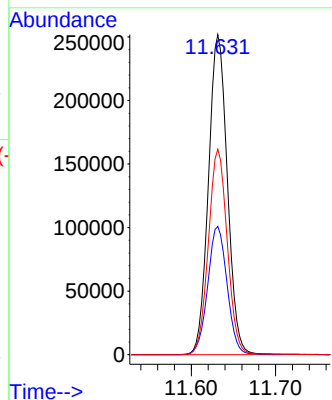
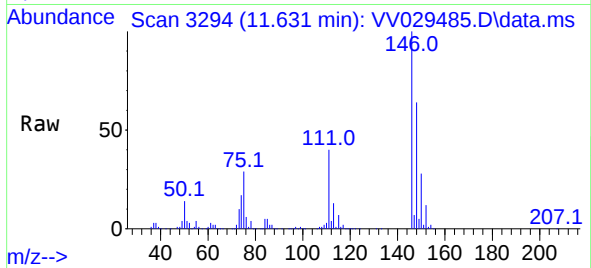
Tgt Ion:146 Resp: 392854

Ion Ratio Lower Upper

146 100

111 40.1 32.0 48.0

148 64.2 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 46.132 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. -0.003 min

Lab File: VV029485.D

Acq: 08 Dec 2022 19:45

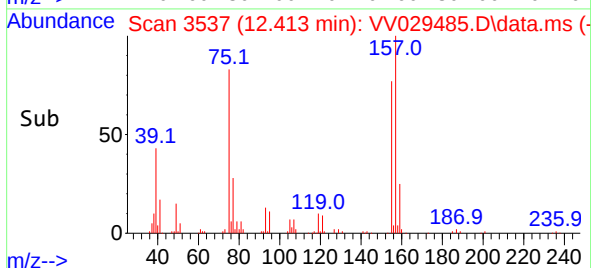
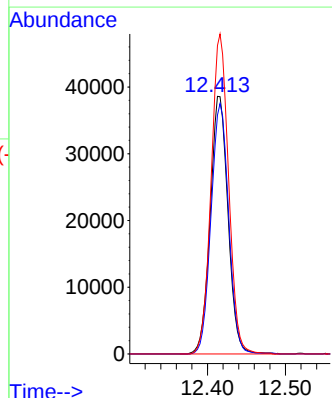
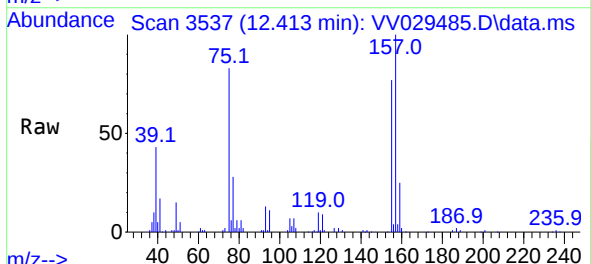
Tgt Ion: 75 Resp: 61381

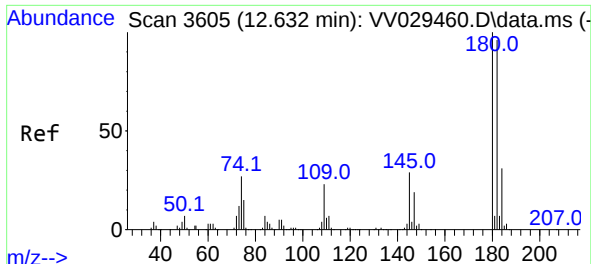
Ion Ratio Lower Upper

75 100

155 92.8 76.2 114.2

157 119.8 96.0 144.0



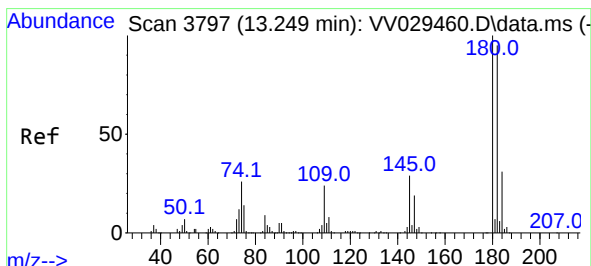
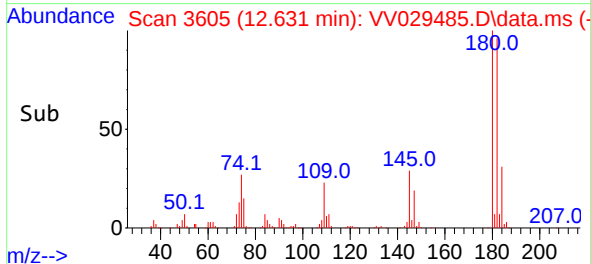
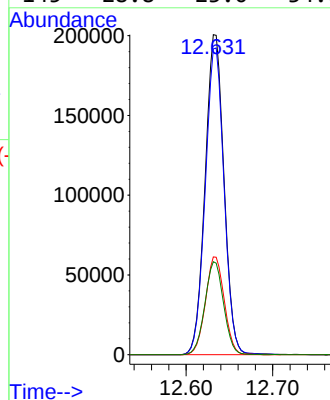
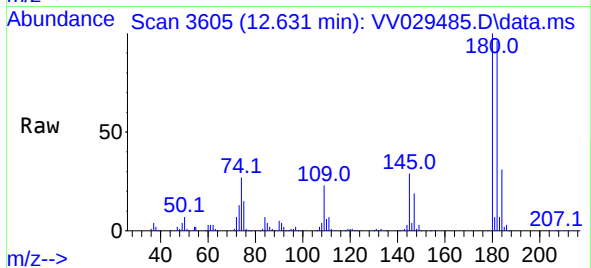


#69
1,3,5-Trichlorobenzene
Concen: 47.895 ug/L
RT: 12.631 min Scan# 3605
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK301

Tgt Ion:180 Resp: 303462

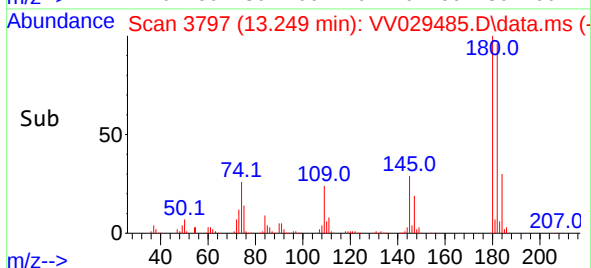
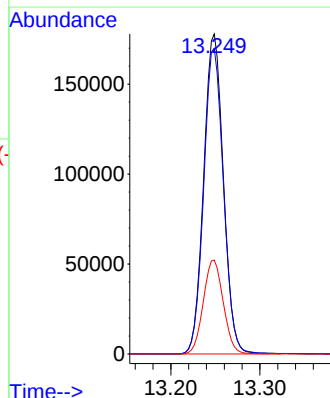
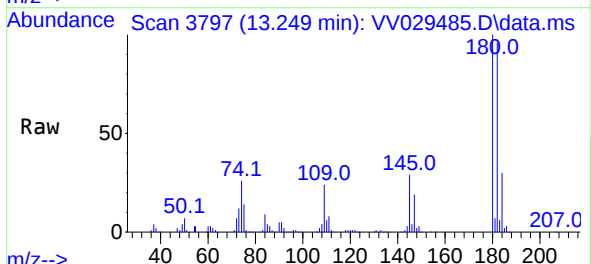
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.5	114.7
184	30.4	24.6	36.8
145	28.8	23.0	34.6

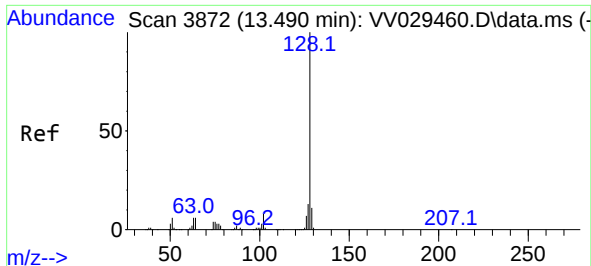


#70
1,2,4-trichlorobenzene
Concen: 48.591 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion:180 Resp: 273772

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.3	114.5
145	29.7	23.7	35.5

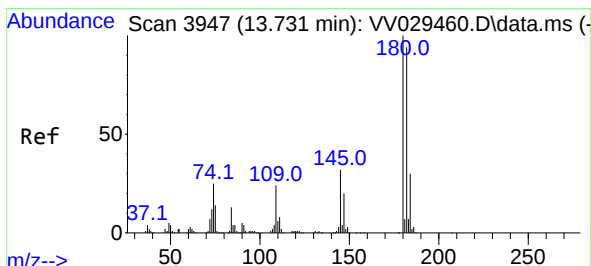
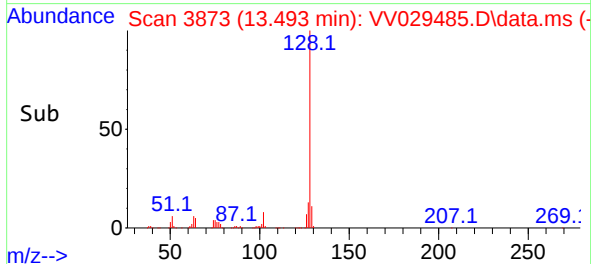
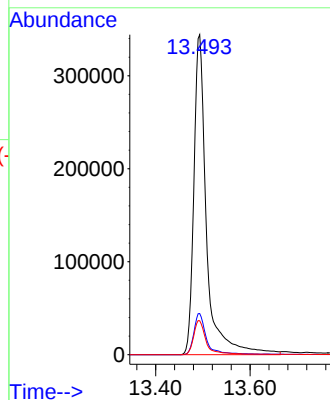
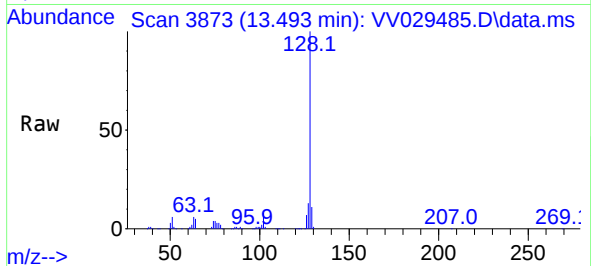




#71
Naphthalene
Concen: 50.269 ug/L
RT: 13.493 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Instrument :
MSVOA_V
ClientSampleId :
VBLK301

Tgt Ion:128 Resp: 642433
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 49.994 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029485.D
Acq: 08 Dec 2022 19:45

Tgt Ion:180 Resp: 275893
Ion Ratio Lower Upper
180 100
182 95.0 76.4 114.6
145 32.0 25.0 37.6

