

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022674.D
 Acq On : 07 Oct 2021 19:53
 Operator : SY/MD
 Sample : M4052-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX3

Quant Time: Oct 08 04:04:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

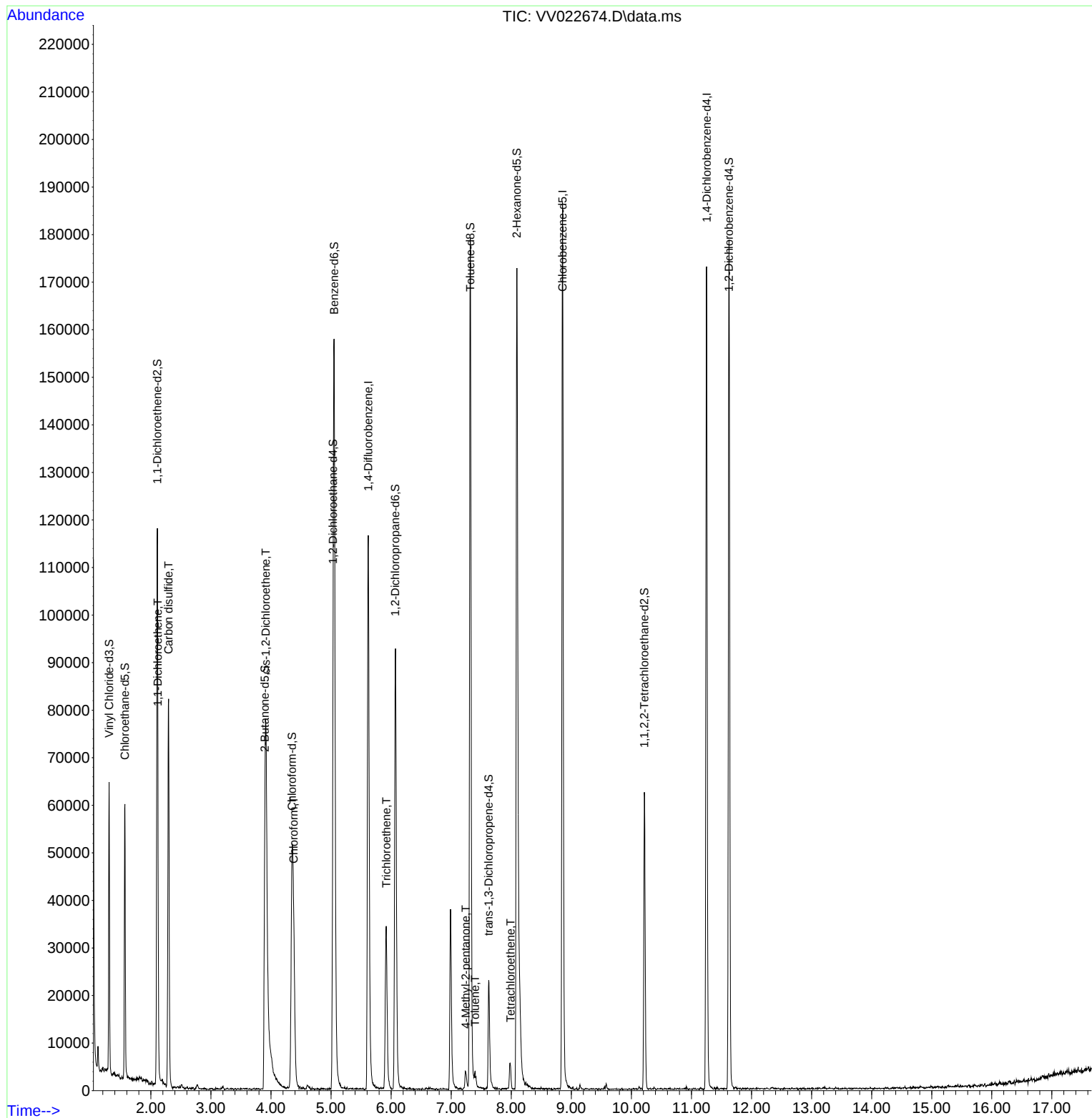
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	107774	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48920	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37527	5.091	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.800%
7) Chloroethane-d5	1.568	69	35331	5.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.108	63	59374	4.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	3.899	46	90857	47.011	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.020%
24) Chloroform-d	4.349	84	48652	3.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.000%#
26) 1,2-Dichloroethane-d4	5.034	65	37097	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.053	84	144638	4.508	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.069	67	45605	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.320	98	121363	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.625	79	14311	4.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.092	63	57817	45.518	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29622	4.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	48179	5.312	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
12) 1,1-Dichloroethene	2.118	96	4152	0.642	ug/L #	1
14) Carbon disulfide	2.294	76	93420	5.137	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	27663	3.744	ug/L	92
25) Chloroform	4.378	83	26197	1.783	ug/L	98
34) Trichloroethene	5.921	95	10935	1.385	ug/L	97
40) 4-Methyl-2-pentanone	7.243	43	2886	0.769	ug/L #	88
42) Toluene	7.397	91	2682	0.091	ug/L	95
47) Tetrachloroethene	7.989	164	1544	0.242	ug/L #	85

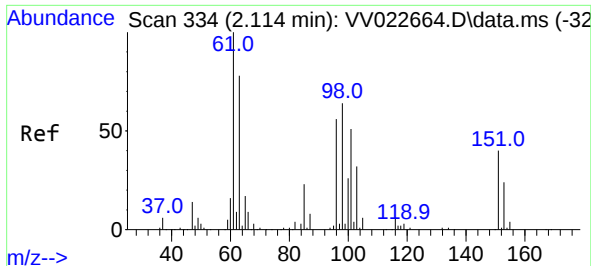
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.642 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022674.D

Acq: 07 Oct 2021 19:53

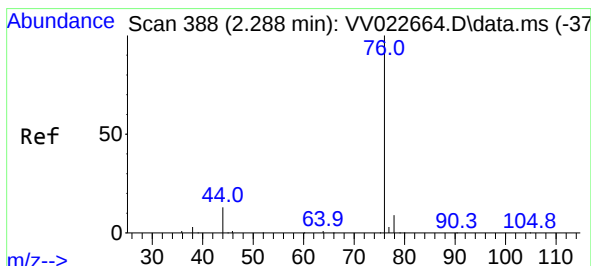
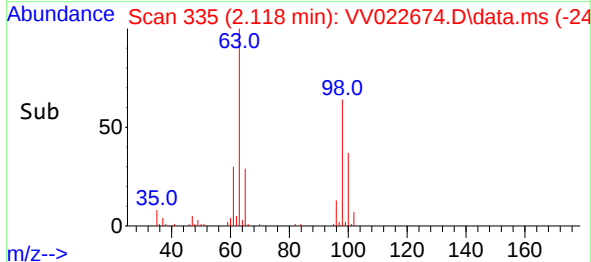
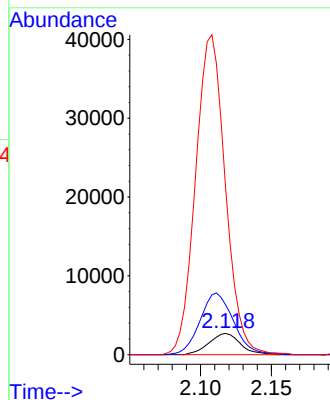
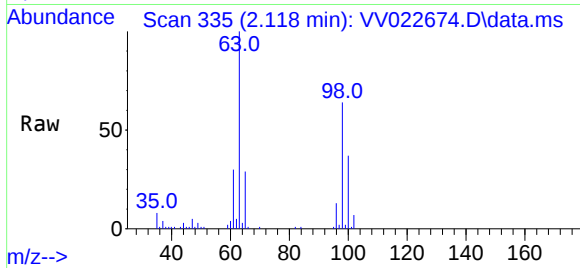
Tgt Ion: 96 Resp: 4152

Ion Ratio Lower Upper

96 100

61 235.0 127.3 236.5

63 790.5 106.2 197.2#



#14

Carbon disulfide

Concen: 5.137 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.007 min

Lab File: VV022674.D

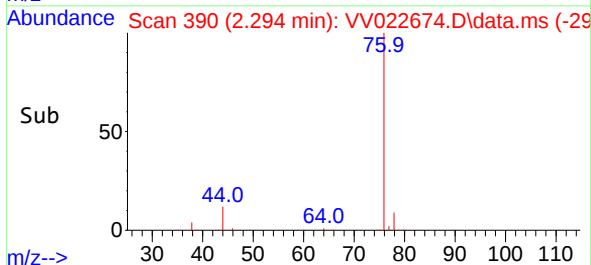
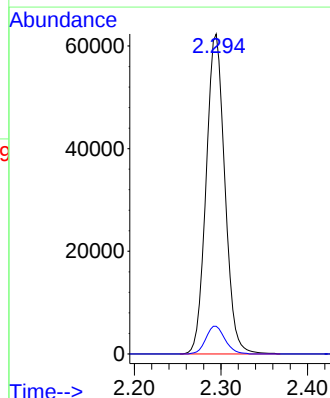
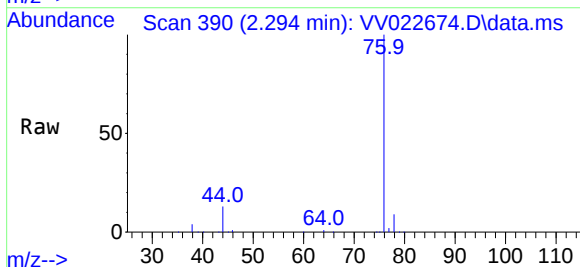
Acq: 07 Oct 2021 19:53

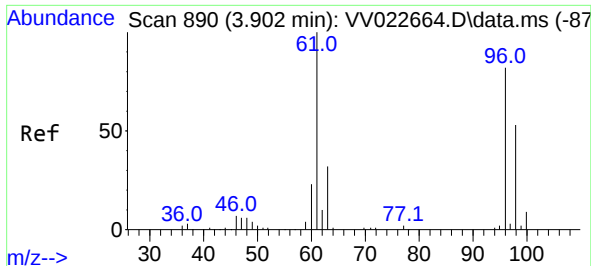
Tgt Ion: 76 Resp: 93420

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

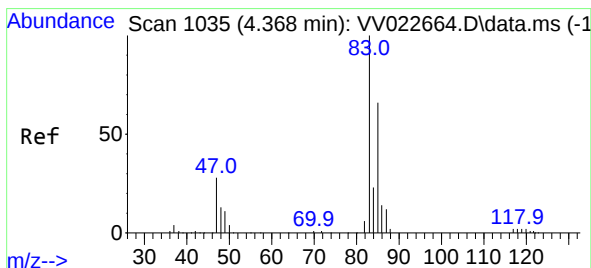
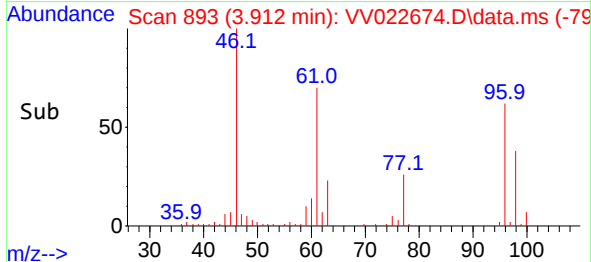
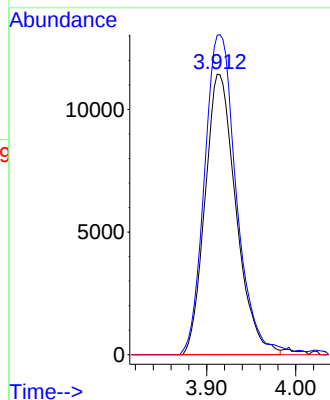
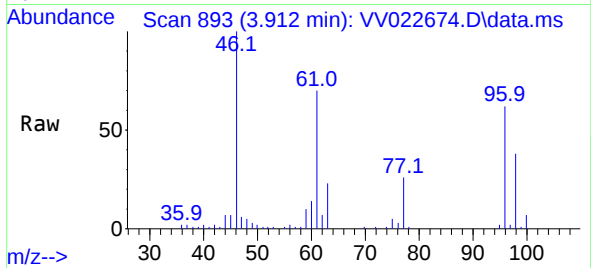




#22
cis-1,2-Dichloroethene
Concen: 3.744 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

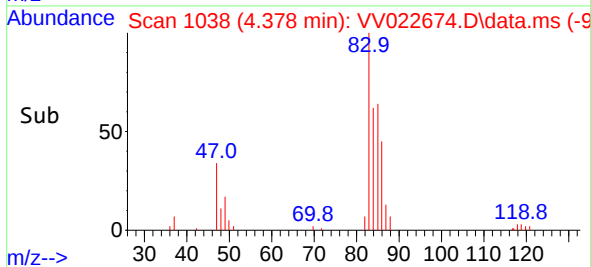
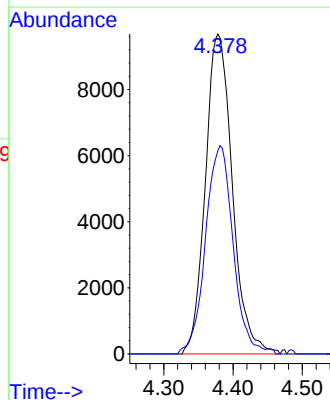
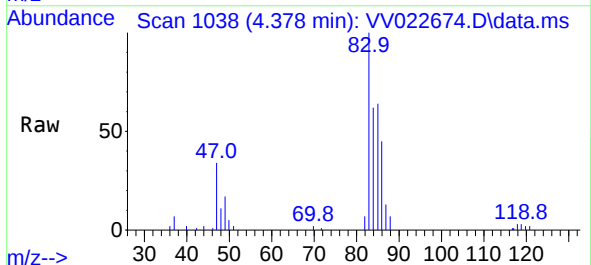
Instrument :
MSVOA_V
ClientSampled :
C0AX3

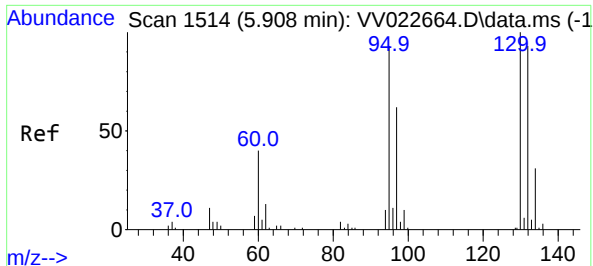
Tgt Ion: 96 Resp: 27663
Ion Ratio Lower Upper
96 100
61 113.9 86.0 159.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 1.783 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Tgt Ion: 83 Resp: 26197
Ion Ratio Lower Upper
83 100
85 63.5 45.7 84.9

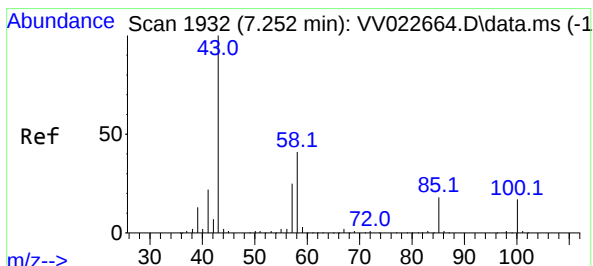
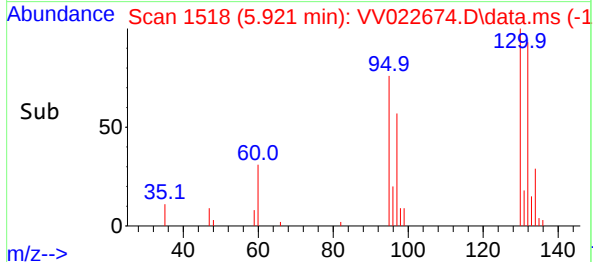
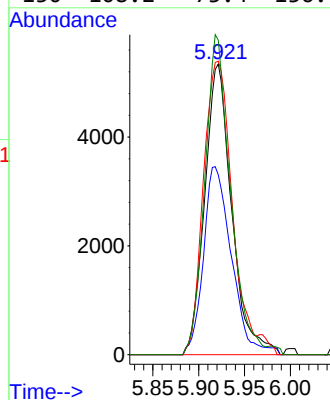
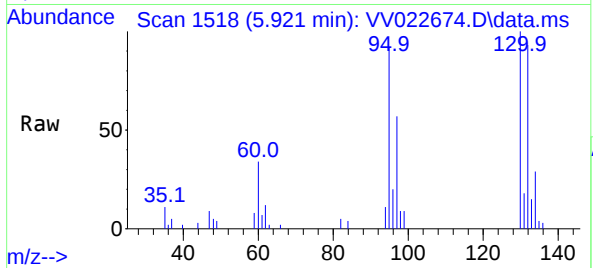




#34
Trichloroethene
Concen: 1.385 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

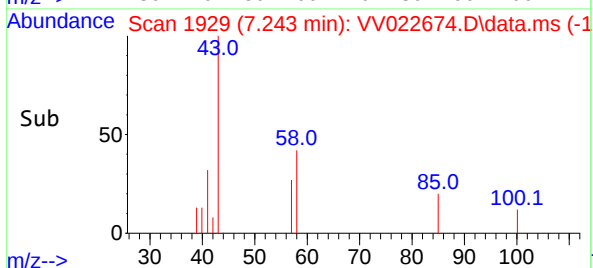
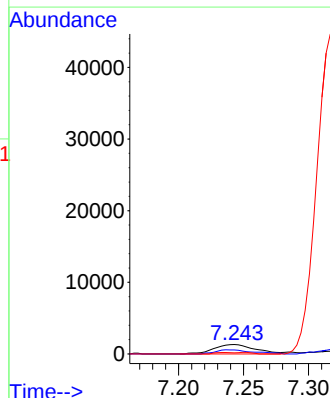
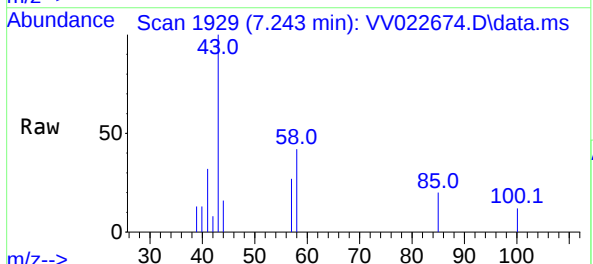
Instrument :
MSVOA_V
ClientSampled :
C0AX3

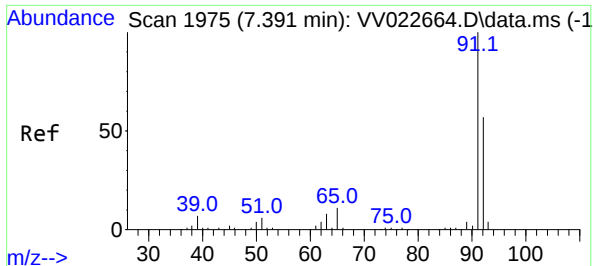
Tgt Ion: 95 Resp: 10935
Ion Ratio Lower Upper
95 100
97 61.9 45.8 85.2
132 101.0 72.2 134.0
130 108.2 73.4 136.4



#40
4-Methyl-2-pentanone
Concen: 0.769 ug/L
RT: 7.243 min Scan# 1929
Delta R.T. -0.010 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Tgt Ion: 43 Resp: 2886
Ion Ratio Lower Upper
43 100
58 39.9 32.0 48.0
100 0.0 14.2 21.2#

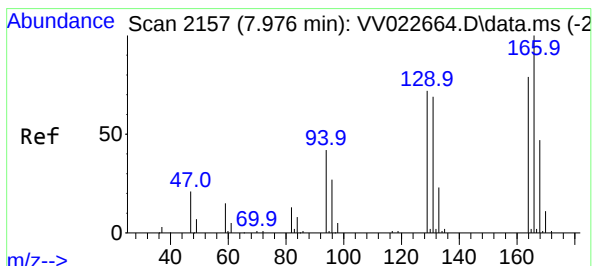
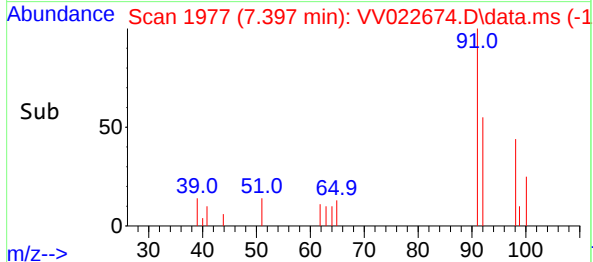
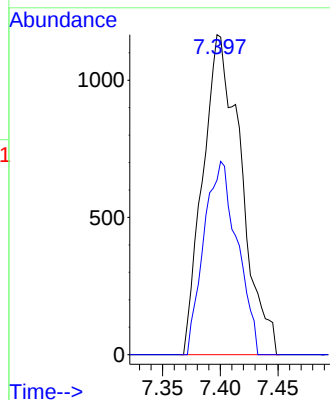
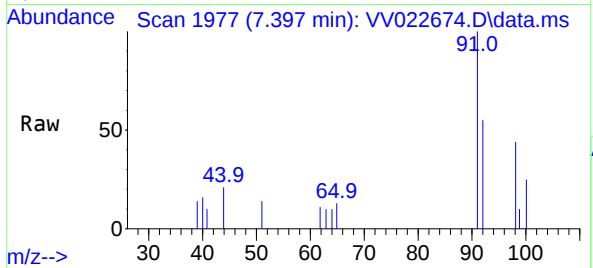




#42
Toluene
Concen: 0.091 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.007 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Instrument :
MSVOA_V
ClientSampleId :
C0AX3

Tgt Ion: 91 Resp: 2682
Ion Ratio Lower Upper
91 100
92 54.5 40.7 75.7



#47
Tetrachloroethene
Concen: 0.242 ug/L
RT: 7.989 min Scan# 2161
Delta R.T. 0.013 min
Lab File: VV022674.D
Acq: 07 Oct 2021 19:53

Tgt Ion: 164 Resp: 1544
Ion Ratio Lower Upper
164 100
129 89.6 65.0 120.6
131 59.9 62.2 115.4#
166 114.3 89.2 165.8

