

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054528.D
 Acq On : 15 Jun 2023 15:59
 Operator : MD/SY
 Sample : 03253-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY2

Quant Time: Jun 16 01:32:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

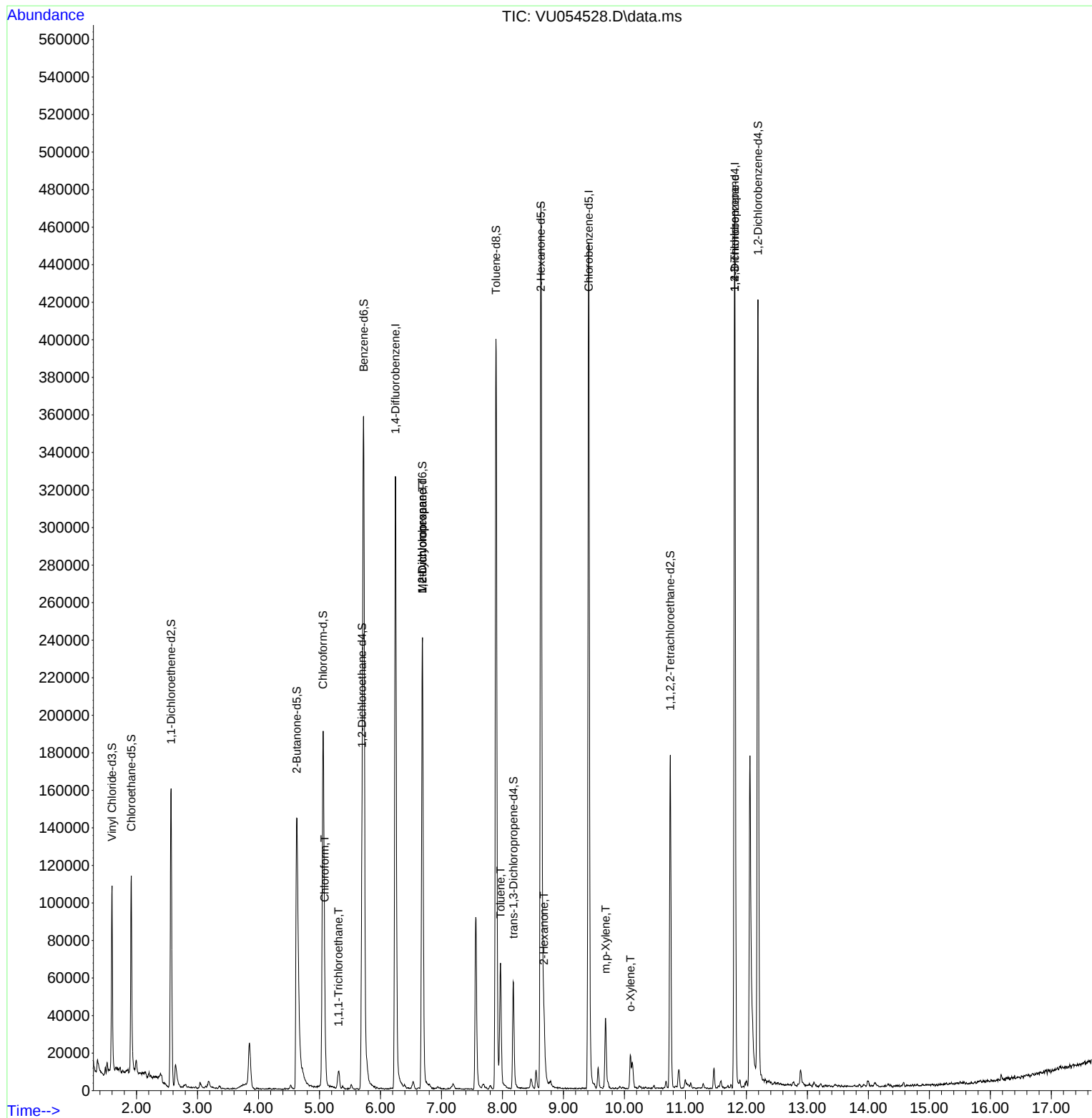
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	270465	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	260152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	129475	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	66348	3.855	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.000%	
7) Chloroethane-d5	1.914	69	79722	4.947	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.566	65	29283	3.809	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.200%	
20) 2-Butanone-d5	4.628	46	249250	51.503	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.000%	
24) Chloroform-d	5.058	84	177058	4.921	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.698	65	88358	5.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
32) Benzene-d6	5.724	84	339130	4.689	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.689	67	118347	4.900	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.894	98	282142	4.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	8.180	79	34739	4.136	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.631	63	162754	46.191	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.380%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89021	4.943	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	111162	5.090	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						
25) Chloroform	5.084	83	21984	0.532	ug/L	94
29) 1,1,1-Trichloroethane	5.312	97	7494	0.212	ug/L	96
35) Methylcyclohexane	6.689	83	26077	0.698	ug/L #	17
37) 1,2-Dichloropropane	6.689	63	12451	0.493	ug/L #	90
42) Toluene	7.968	91	49933	0.519	ug/L	98
48) 2-Hexanone	8.682	43	16768	1.668	ug/L #	94
53) m,p-Xylene	9.692	106	11087	0.287	ug/L	79
54) o-Xylene	10.100	106	4780	0.128	ug/L	90
61) 1,2,3-Trichloropropane	11.807	75	16992	1.299	ug/L #	70

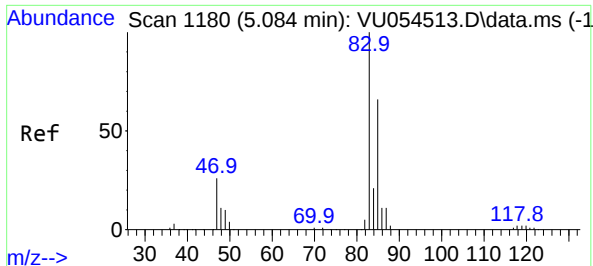
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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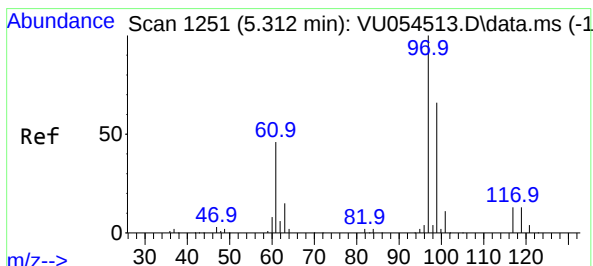
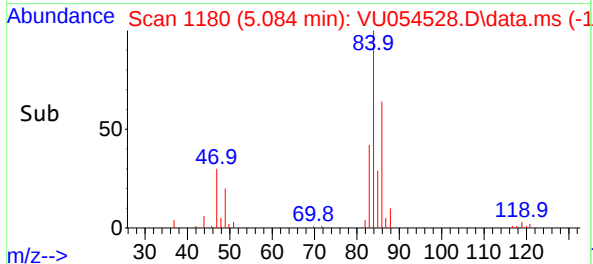
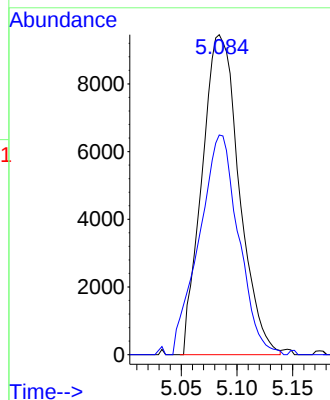
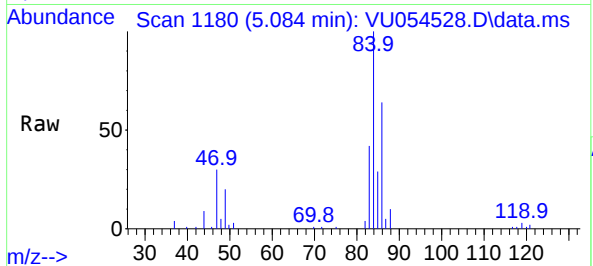




#25
Chloroform
Concen: 0.532 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU054528.D
Acq: 15 Jun 2023 15:59

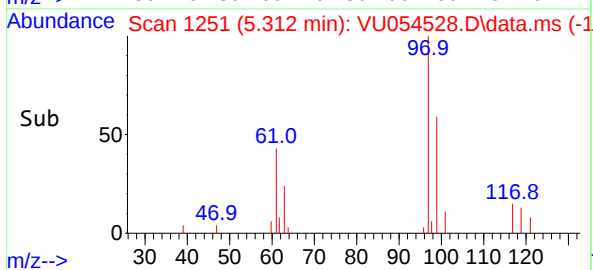
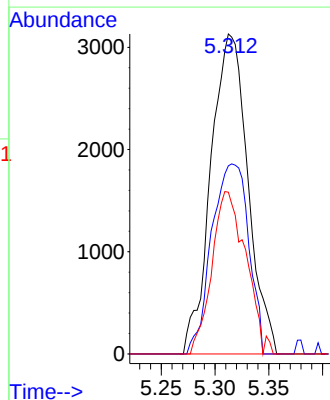
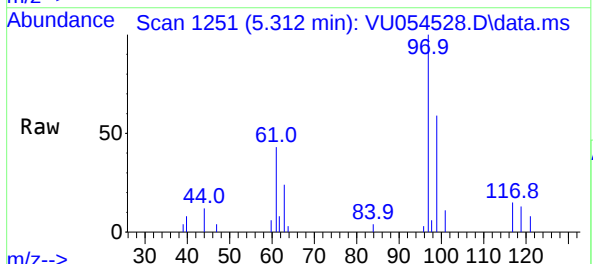
Instrument :
MSVOA_U
ClientSampleId :
EXYY2

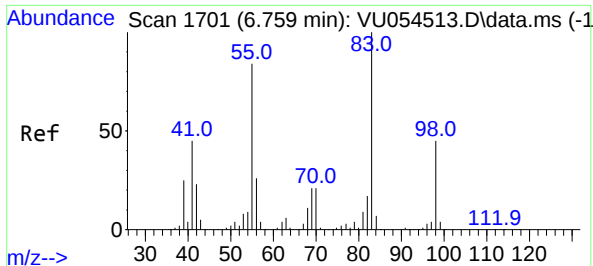
Tgt Ion: 83 Resp: 21984
Ion Ratio Lower Upper
83 100
85 68.6 44.7 82.9



#29
1,1,1-Trichloroethane
Concen: 0.212 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU054528.D
Acq: 15 Jun 2023 15:59

Tgt Ion: 97 Resp: 7494
Ion Ratio Lower Upper
97 100
99 59.3 50.8 76.2
61 46.5 36.1 54.1

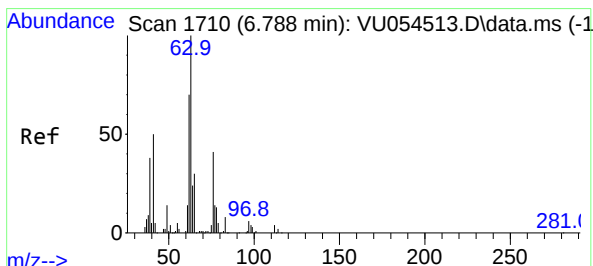
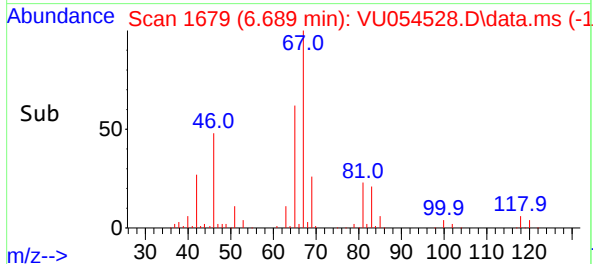
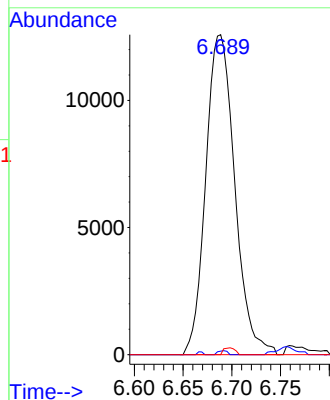
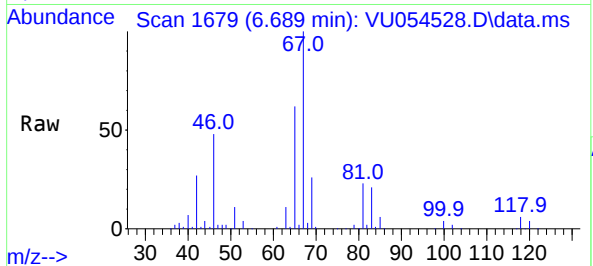




#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054528.D
Acq: 15 Jun 2023 15:59

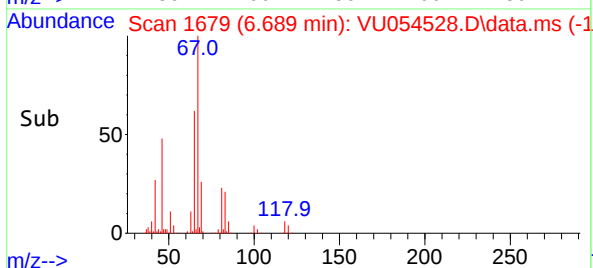
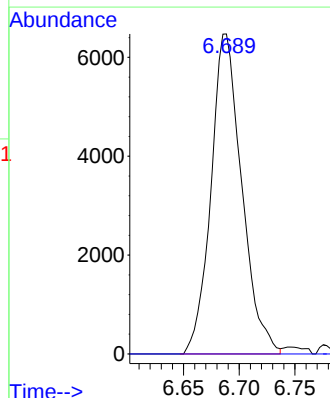
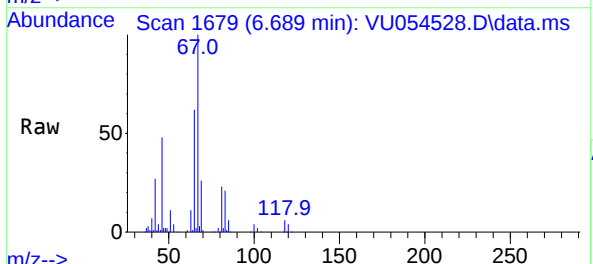
Instrument :
MSVOA_U
ClientSampleId :
EXYY2

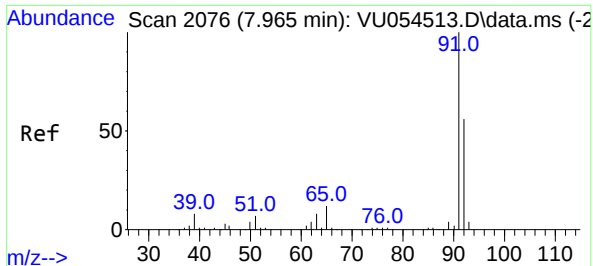
Tgt Ion: 83 Resp: 26077
Ion Ratio Lower Upper
83 100
55 0.4 67.1 100.7#
98 0.8 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU054528.D
Acq: 15 Jun 2023 15:59

Tgt Ion: 63 Resp: 12451
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#

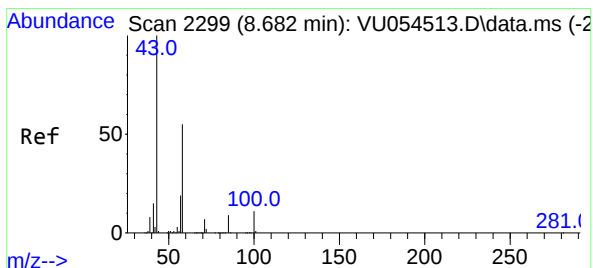
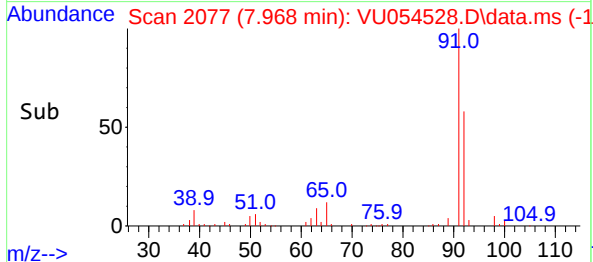
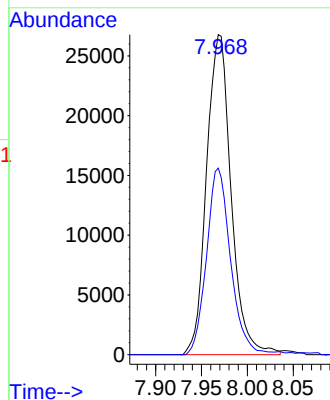
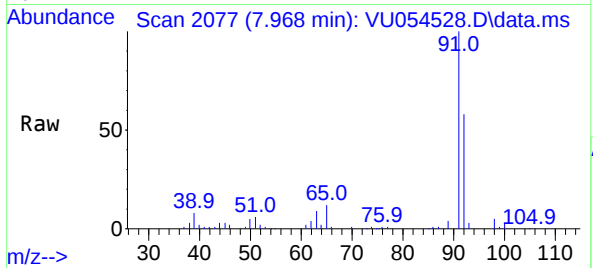




#42
Toluene
Concen: 0.519 ug/L
RT: 7.968 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU054528.D
Acq: 15 Jun 2023 15:59

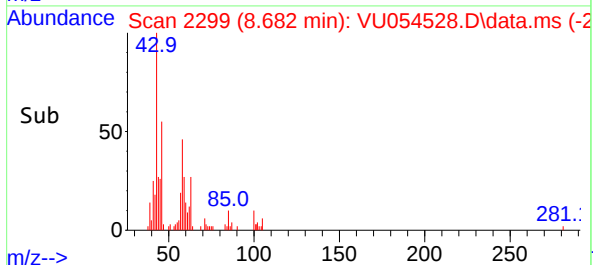
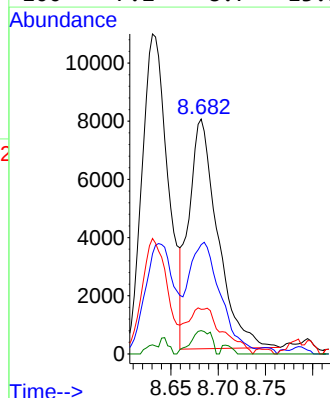
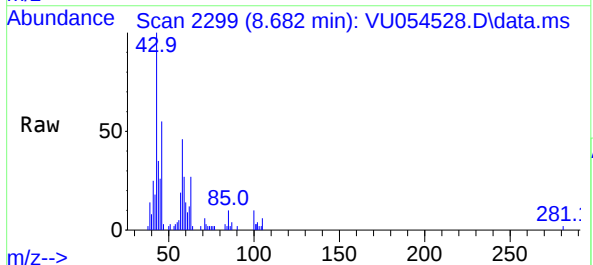
Instrument :
MSVOA_U
ClientSampleId :
EXYY2

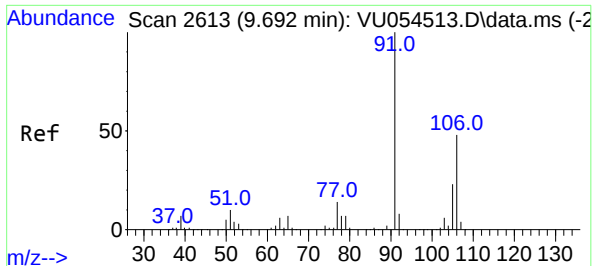
Tgt Ion: 91 Resp: 49933
Ion Ratio Lower Upper
91 100
92 58.3 39.5 73.4



#48
2-Hexanone
Concen: 1.668 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU054528.D
Acq: 15 Jun 2023 15:59

Tgt Ion: 43 Resp: 16768
Ion Ratio Lower Upper
43 100
58 52.7 45.2 67.8
57 23.3 15.8 23.6
100 7.2 8.7 13.1#

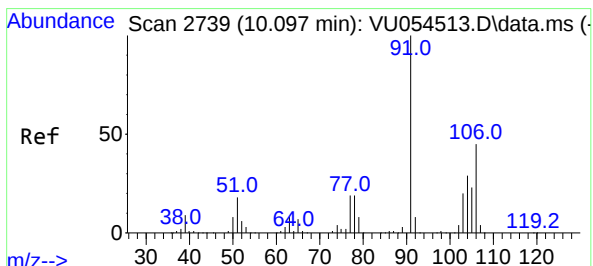
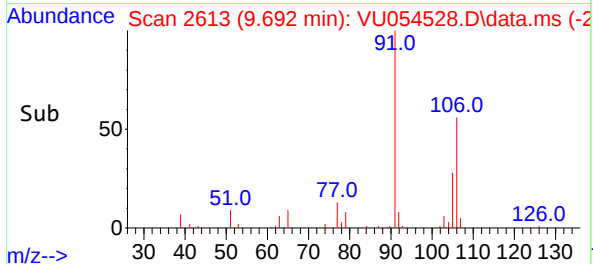
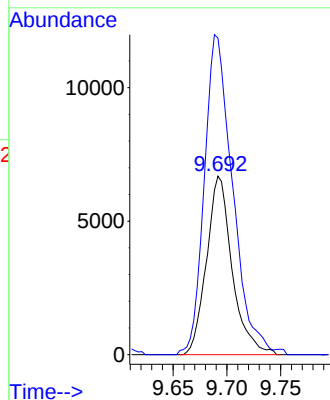
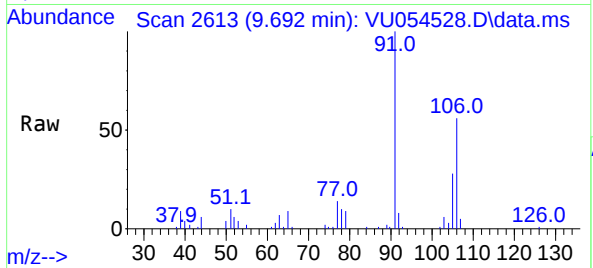




#53
m,p-Xylene
Concen: 0.287 ug/L
RT: 9.692 min Scan# 21087
Delta R.T. -0.000 min
Lab File: VU054528.D
Acq: 15 Jun 2023 15:59

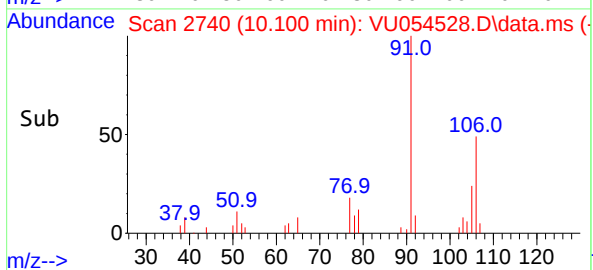
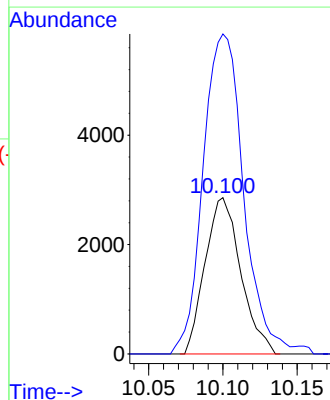
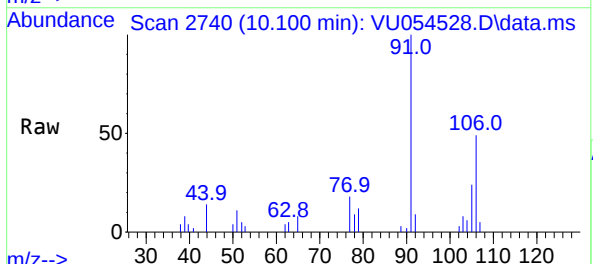
Instrument :
MSVOA_U
ClientSampleId :
EXYY2

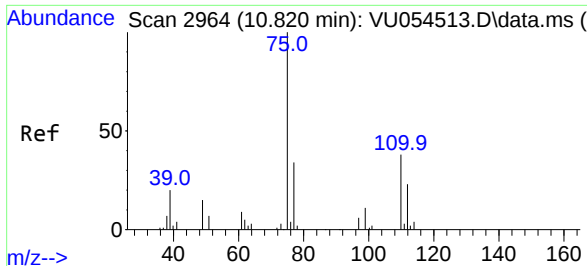
Tgt Ion:106 Resp: 11087
Ion Ratio Lower Upper
106 100
91 177.4 147.0 273.0



#54
o-Xylene
Concen: 0.128 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU054528.D
Acq: 15 Jun 2023 15:59

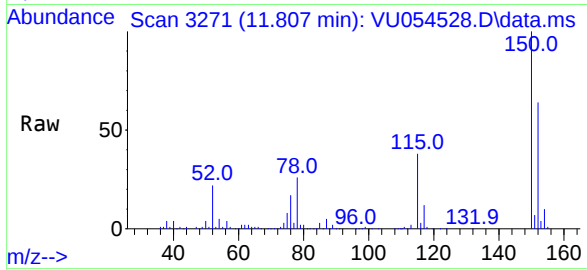
Tgt Ion:106 Resp: 4780
Ion Ratio Lower Upper
106 100
91 204.8 154.5 286.9





#61
1,2,3-Trichloropropane
Concen: 1.299 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU054528.D
Acq: 15 Jun 2023 15:59

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 75 Resp: 16992
Ion Ratio Lower Upper
75 100
110 1.5 28.0 42.0#
77 31.9 25.4 38.2

