

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101121\
 Data File : VU045277.D
 Acq On : 11 Oct 2021 12:43
 Operator : SY/MD
 Sample : VU1011MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK026

Quant Time: Oct 12 05:51:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 12 05:50:24 2021
 Response via : Initial Calibration

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

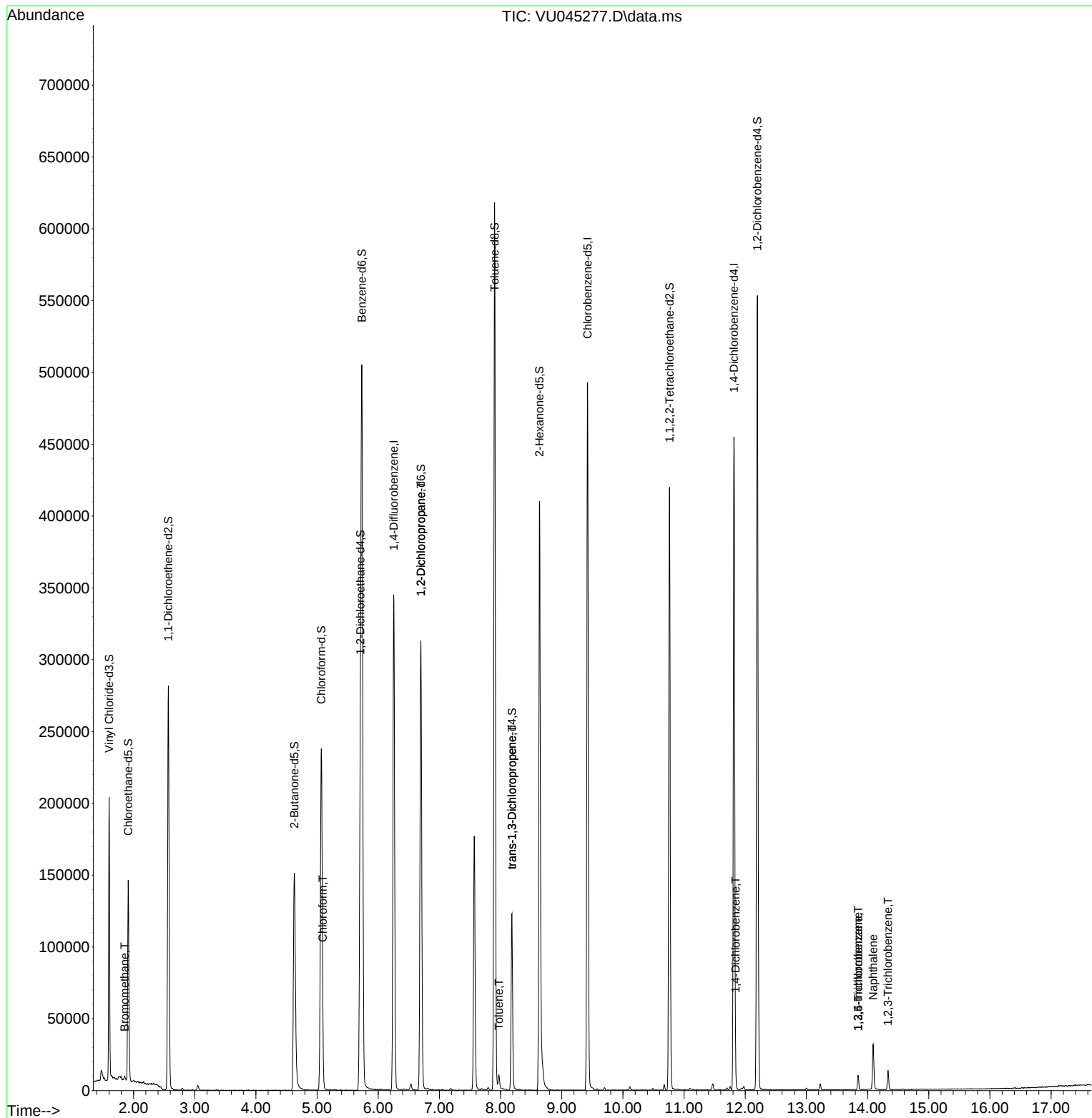
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	270730	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	259333	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	113606	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	132125	44.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.160%
7) Chloroethane-d5	1.912	69	109929	46.808	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.620%
11) 1,1-Dichloroethene-d2	2.568	63	167526	33.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.320%
21) 2-Butanone-d5	4.629	46	219907	93.856	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.860%
24) Chloroform-d	5.070	84	217108	46.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	5.706	65	154330	48.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.340%
32) Benzene-d6	5.732	84	453847	50.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.860%
36) 1,2-Dichloropropane-d6	6.697	67	146002	49.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.520%
41) Toluene-d8	7.902	98	390341	50.264	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.520%
43) trans-1,3-Dichloroprop...	8.185	79	67298	51.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.120%
47) 2-Hexanone-d5	8.636	63	147394	90.646	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.650%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214680	46.985	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.980%
66) 1,2-Dichlorobenzene-d4	12.198	152	134670	54.470	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.940%
Target Compounds						
					Qvalue	
6) Bromomethane	1.854	94	1571	1.035	ug/L	99
25) Chloroform	5.092	83	2924	0.640	ug/L	82
37) 1,2-Dichloropropane	6.697	63	16123	6.157	ug/L #	88
42) Toluene	7.973	91	6399	0.655	ug/L	99
44) trans-1,3-Dichloropropene	8.185	75	3050	0.856	ug/L #	77
65) 1,4-Dichlorobenzene	11.841	146	1658	0.421	ug/L	97
69) 1,3,5-Trichlorobenzene	13.844	180	3329	1.248	ug/L	95
70) 1,2,4-trichlorobenzene	13.844	180	3329	1.502	ug/L	93
71) Naphthalene	14.092	128	26403	3.439	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	4420	1.950	ug/L	97

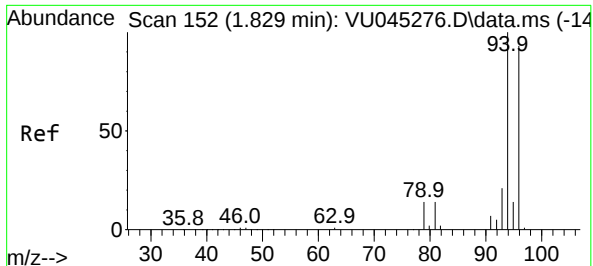
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK026

Quant Time: Oct 12 05:51:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 12 05:50:24 2021
Response via : Initial Calibration

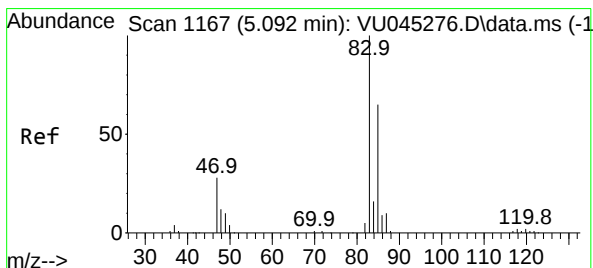
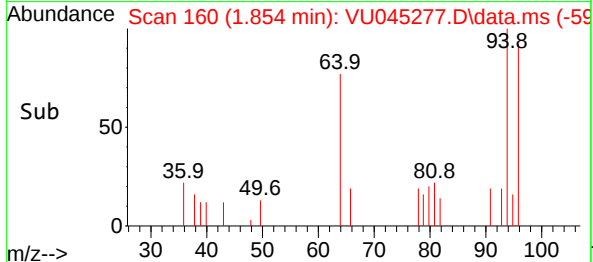
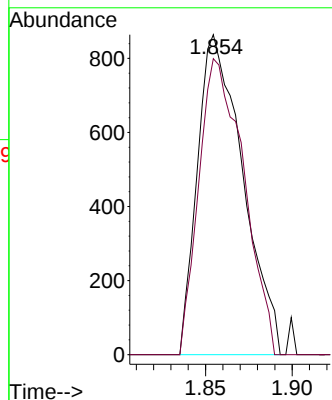
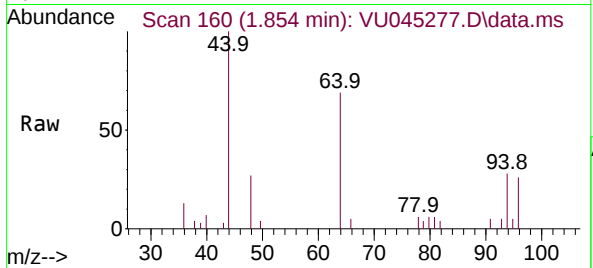




#6
Bromomethane
Concen: 1.035 ug/L
RT: 1.854 min Scan# 160
Delta R.T. 0.026 min
Lab File: VU045277.D
Acq: 11 Oct 2021 12:43

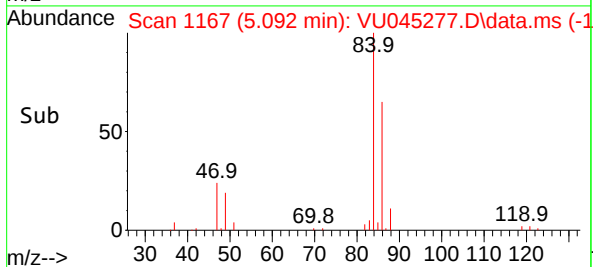
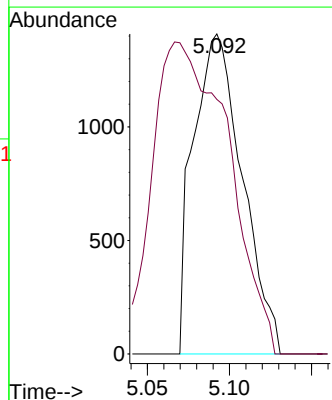
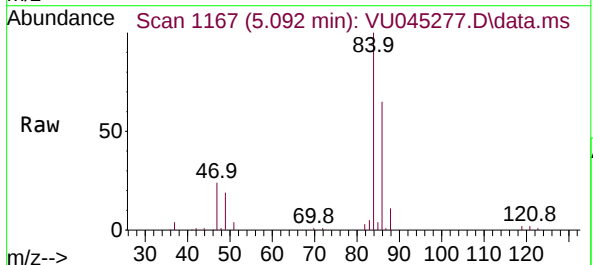
Instrument :
MSVOA_U
ClientSampleId :
VBLK026

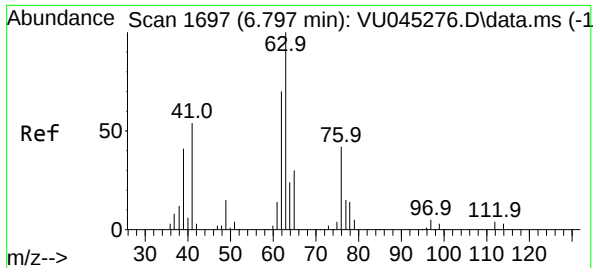
Tgt Ion: 94 Resp: 1571
Ion Ratio Lower Upper
94 100
96 92.5 65.7 121.9



#25
Chloroform
Concen: 0.640 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045277.D
Acq: 11 Oct 2021 12:43

Tgt Ion: 83 Resp: 2924
Ion Ratio Lower Upper
83 100
85 79.6 45.6 84.6



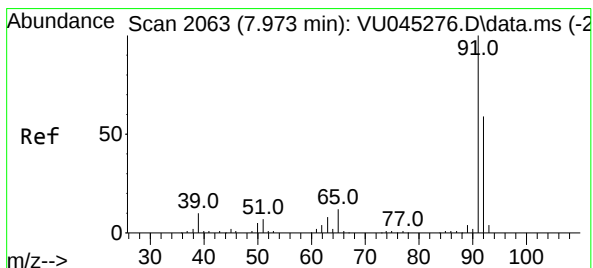
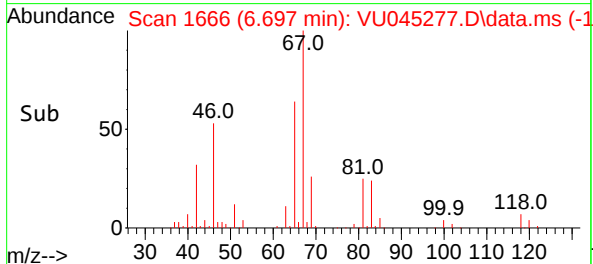
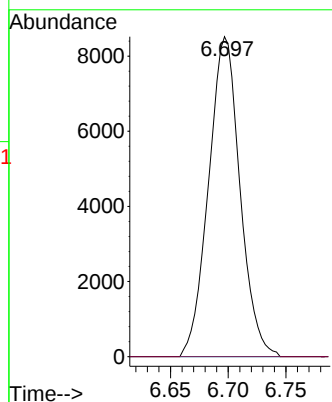
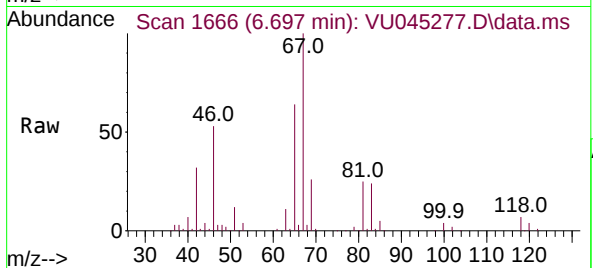


#37

1,2-Dichloropropane
Concen: 6.157 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045277.D
Acq: 11 Oct 2021 12:43

Instrument :
MSVOA_U
ClientSampled :
VBLK026

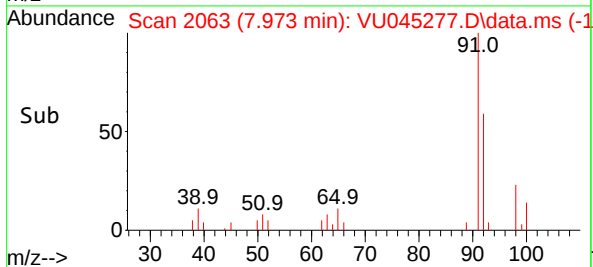
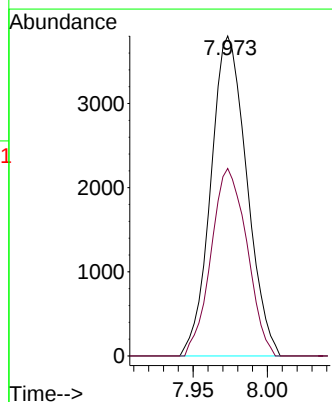
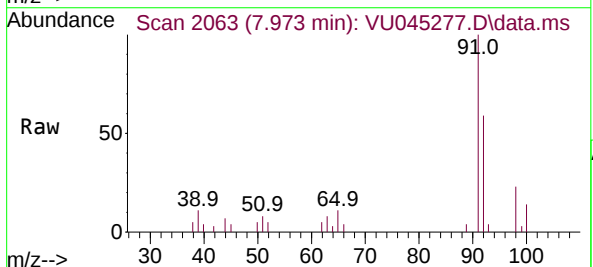
Tgt Ion: 63 Resp: 16123
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

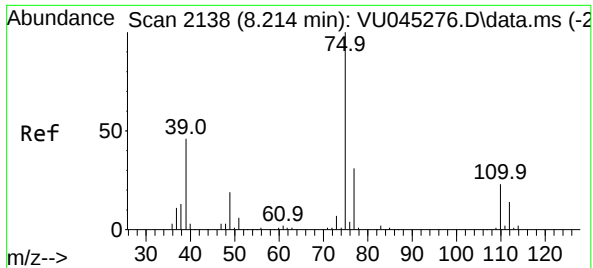


#42

Toluene
Concen: 0.655 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045277.D
Acq: 11 Oct 2021 12:43

Tgt Ion: 91 Resp: 6399
Ion Ratio Lower Upper
91 100
92 58.6 40.5 75.1

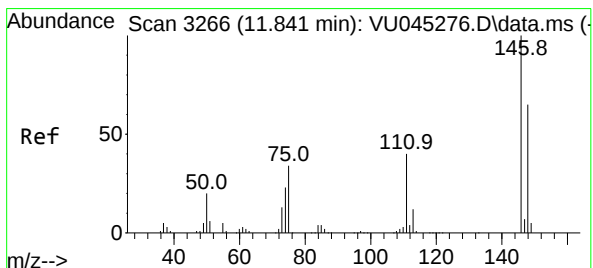
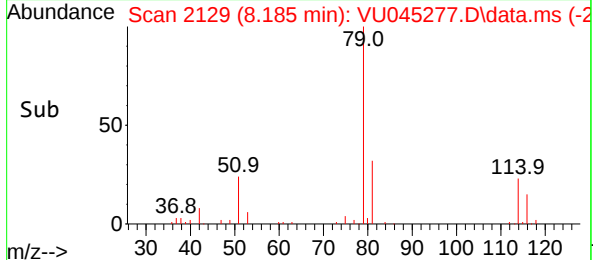
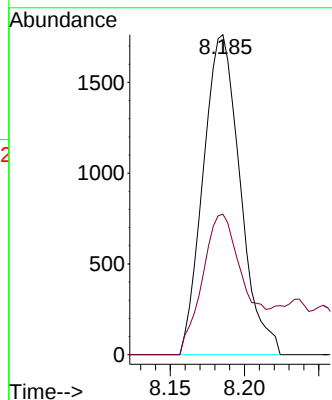
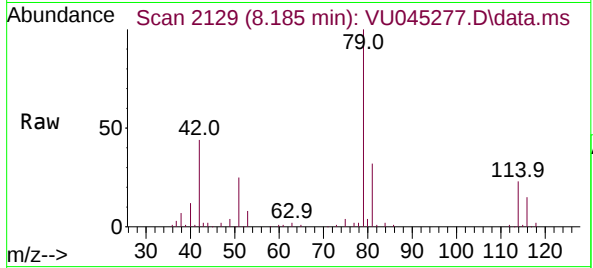




#44
trans-1,3-Dichloropropene
Concen: 0.856 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045277.D
Acq: 11 Oct 2021 12:43

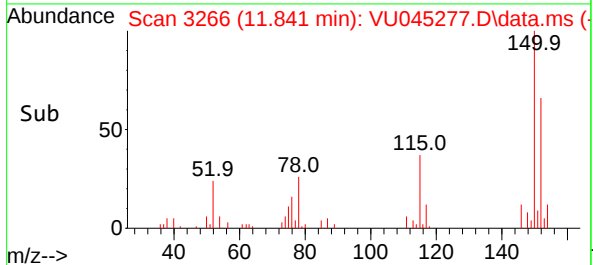
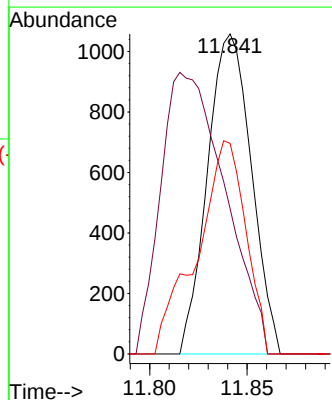
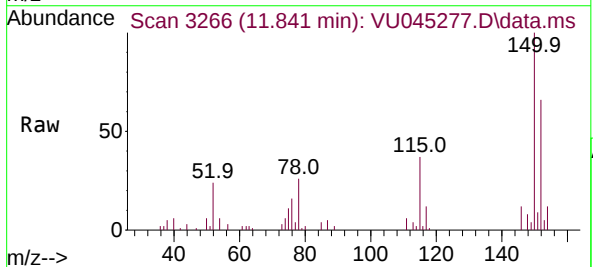
Instrument :
MSVOA_U
ClientSampleId :
VBLK026

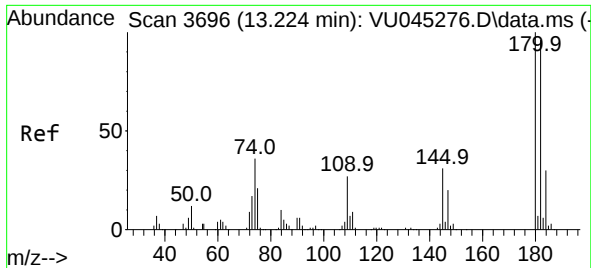
Tgt Ion: 75 Resp: 3050
Ion Ratio Lower Upper
75 100
77 43.9 21.7 40.3#



#65
1,4-Dichlorobenzene
Concen: 0.421 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU045277.D
Acq: 11 Oct 2021 12:43

Tgt Ion: 146 Resp: 1658
Ion Ratio Lower Upper
146 100
111 45.4 28.5 52.9
148 65.8 45.5 84.5

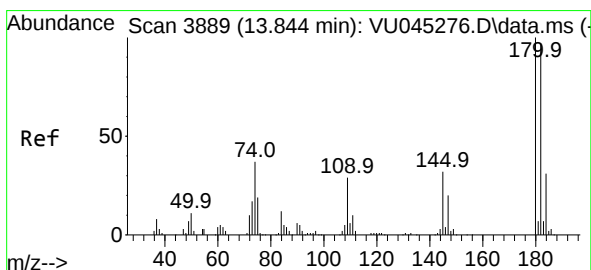
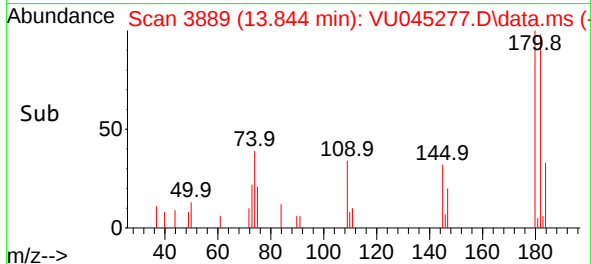
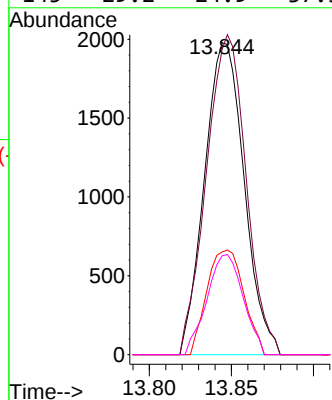
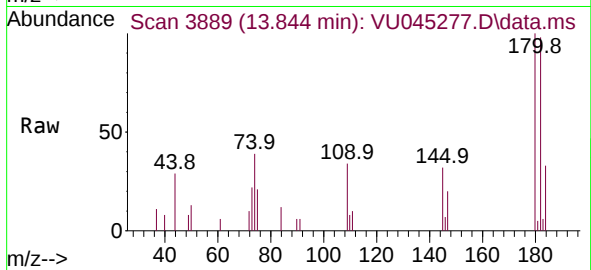




#69
1,3,5-Trichlorobenzene
Concen: 1.248 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.620 min
Lab File: VU045277.D
Acq: 11 Oct 2021 12:43

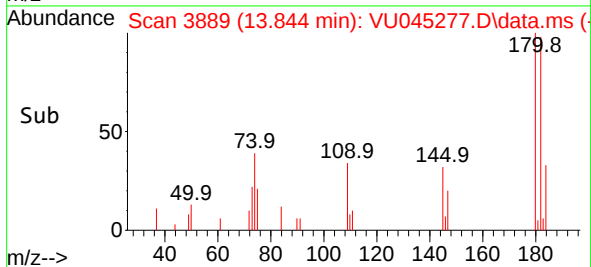
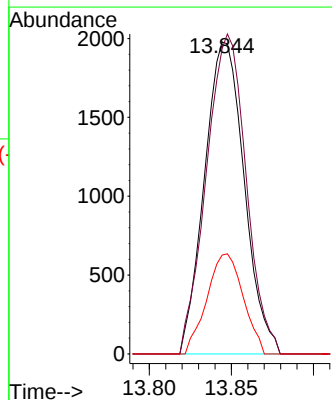
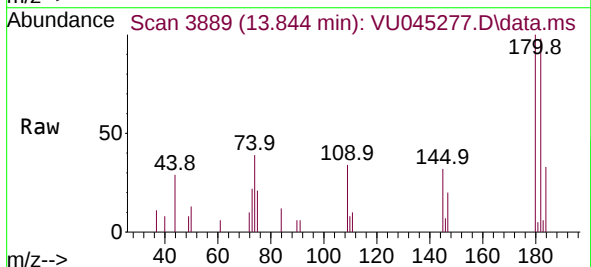
Instrument :
MSVOA_U
ClientSampleId :
VBLK026

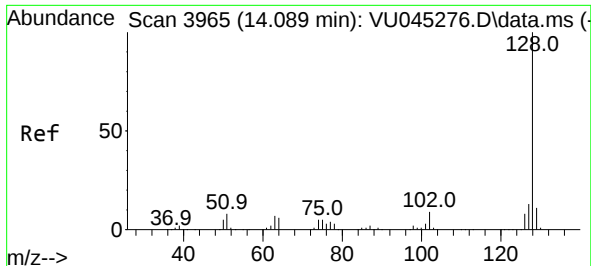
Tgt Ion:	180	Resp:	3329
Ion Ratio	Lower	Upper	
180	100		
182	102.4	76.8	115.2
184	31.2	24.4	36.6
145	29.2	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 1.502 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU045277.D
Acq: 11 Oct 2021 12:43

Tgt Ion:	180	Resp:	3329
Ion Ratio	Lower	Upper	
180	100		
182	102.4	76.2	114.2
145	29.2	25.4	38.0

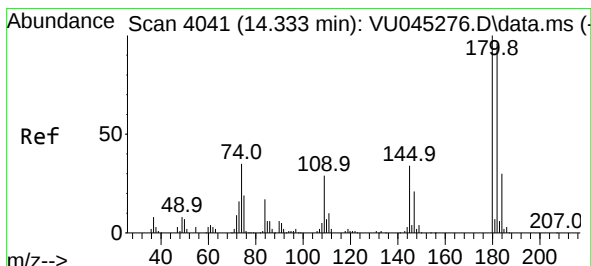
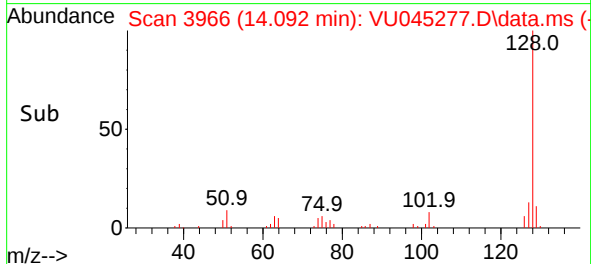
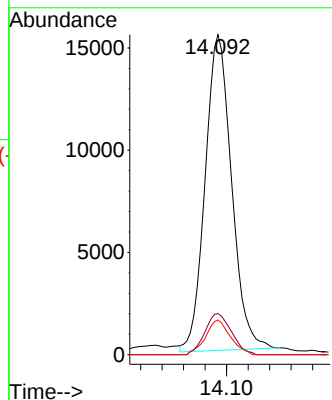
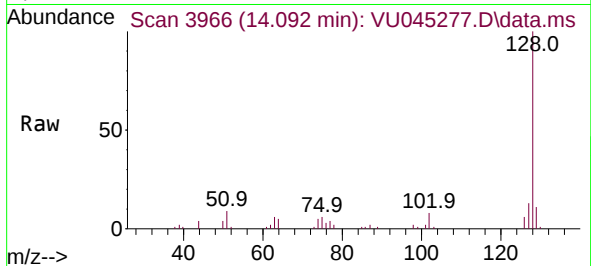




#71
Naphthalene
Concen: 3.439 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045277.D
Acq: 11 Oct 2021 12:43

Instrument :
MSVOA_U
ClientSampleId :
VBLK026

Tgt Ion:128	Resp:	26403
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.4 15.6
129	10.2	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 1.950 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045277.D
Acq: 11 Oct 2021 12:43

Tgt Ion:180	Resp:	4420
Ion Ratio	Lower	Upper
180	100	
182	92.4	76.8 115.2
145	33.3	26.5 39.7

