

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035819.D
 Acq On : 23 May 2023 17:15
 Operator : JC/MD
 Sample : 02899-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP01

Integration Parameters: RTEINT3.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX035819.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.593	562	575	590	rBV4	4540	18495	3.13%	0.542%
2	4.897	615	625	643	rBV2	80010	239489	40.51%	7.018%
3	5.550	723	732	740	rBV5	5047	14600	2.47%	0.428%
4	5.952	789	798	812	rBV	85953	235061	39.77%	6.889%
5	6.763	920	931	945	rBV	181851	441087	74.62%	12.927%
6	8.647	1231	1240	1248	rBV	371556	591124	100.00%	17.323%
7	8.720	1248	1252	1260	rVB2	4327	7120	1.20%	0.209%
8	10.055	1465	1471	1485	rBV	372902	509180	86.14%	14.922%
9	10.305	1504	1512	1519	rVB2	4641	8261	1.40%	0.242%
10	11.079	1633	1639	1648	rBV	297895	375730	63.56%	11.011%
11	11.457	1696	1701	1706	rBV6	3659	7583	1.28%	0.222%
12	11.750	1746	1749	1757	rVB2	7603	10117	1.71%	0.296%
13	11.969	1781	1785	1788	rBV3	13114	17424	2.95%	0.511%
14	12.006	1788	1791	1795	rVV	43594	58235	9.85%	1.707%
15	12.042	1795	1797	1801	rVV2	11129	12999	2.20%	0.381%
16	12.103	1801	1807	1810	rVB5	5918	11047	1.87%	0.324%
17	12.622	1887	1892	1896	rVB5	6092	9448	1.60%	0.277%
18	12.902	1933	1938	1943	rBV2	13338	22820	3.86%	0.669%
19	12.957	1945	1947	1951	rVB5	4717	6640	1.12%	0.195%
20	13.213	1984	1989	1994	rVV3	19061	32050	5.42%	0.939%
21	13.280	1994	2000	2004	rVV6	6866	14077	2.38%	0.413%
22	13.335	2004	2009	2012	rVV	14673	21007	3.55%	0.616%
23	13.359	2012	2013	2018	rVB5	6331	7416	1.25%	0.217%
24	13.475	2027	2032	2034	rBV5	7601	11218	1.90%	0.329%
25	13.512	2034	2038	2041	rVV2	30024	41509	7.02%	1.216%
26	13.591	2046	2051	2060	rVV4	68949	122953	20.80%	3.603%
27	13.689	2064	2067	2069	rBV3	9301	11237	1.90%	0.329%
28	13.731	2069	2074	2078	rVV	283840	355838	60.20%	10.428%
29	13.774	2078	2081	2086	rVB	69231	87895	14.87%	2.576%
30	14.024	2118	2122	2127	rVB	16635	24833	4.20%	0.728%
31	14.554	2202	2209	2213	rBV7	4379	9721	1.64%	0.285%
32	14.615	2213	2219	2220	rVV6	8719	16209	2.74%	0.475%
33	14.640	2220	2223	2231	rVB3	13940	22457	3.80%	0.658%
34	14.755	2238	2242	2244	rBV3	8118	11524	1.95%	0.338%
35	14.774	2244	2245	2251	rVB4	10271	13048	2.21%	0.382%
36	14.951	2270	2274	2278	rBV	6423	12816	2.17%	0.376%

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Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

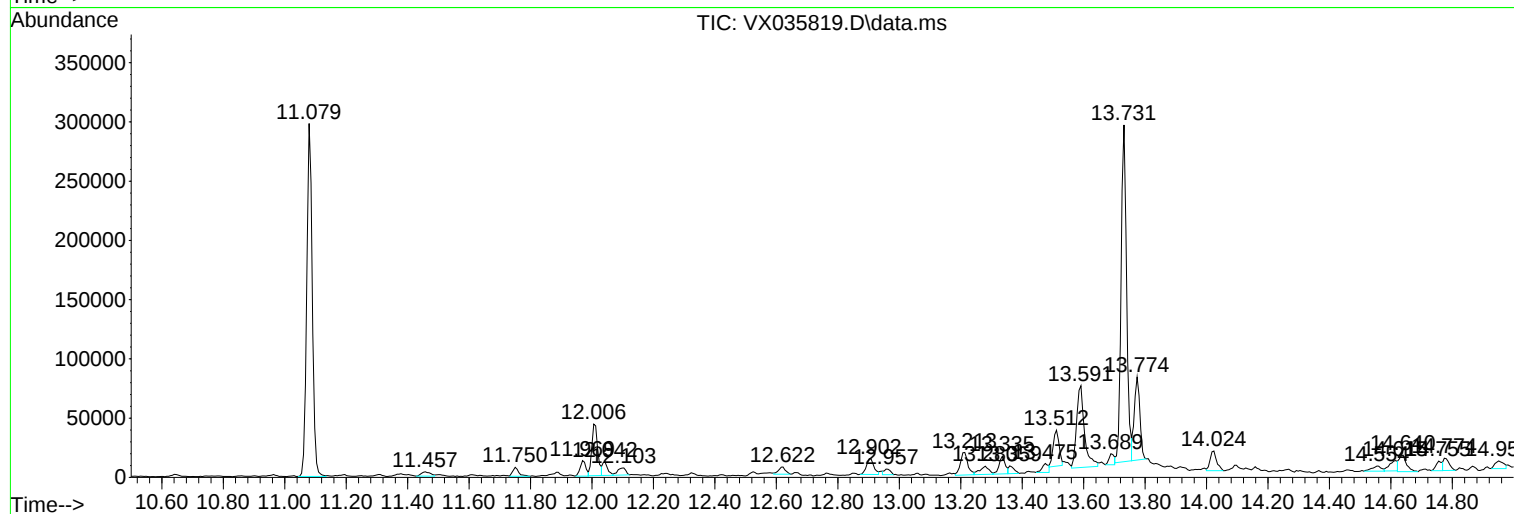
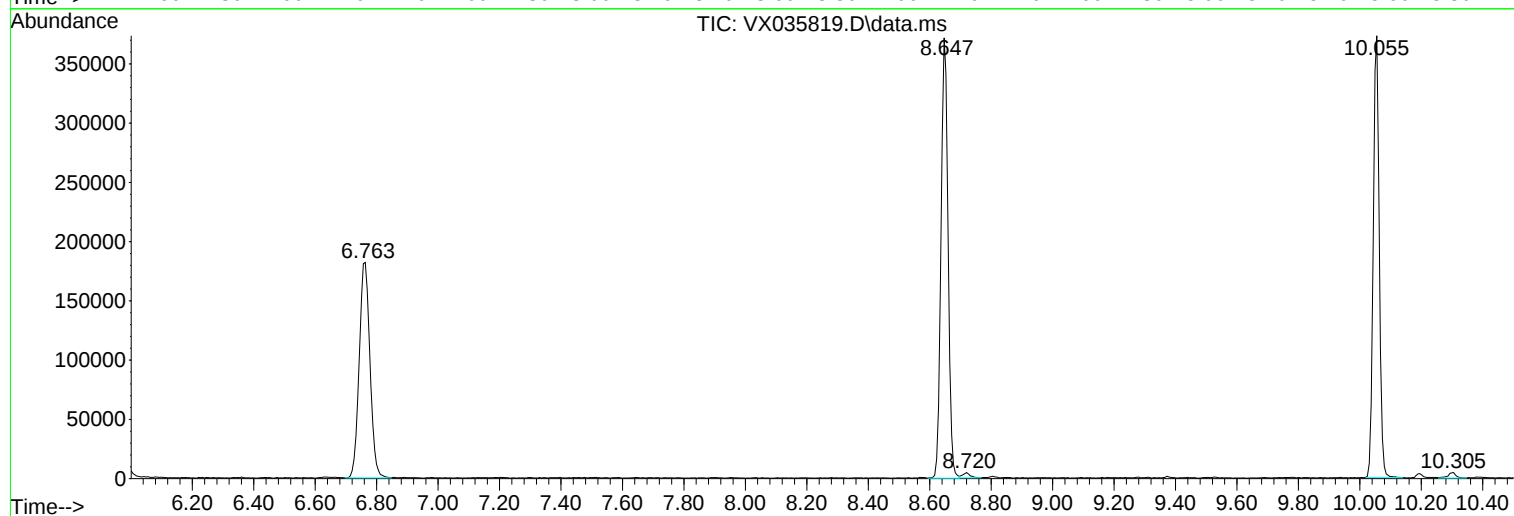
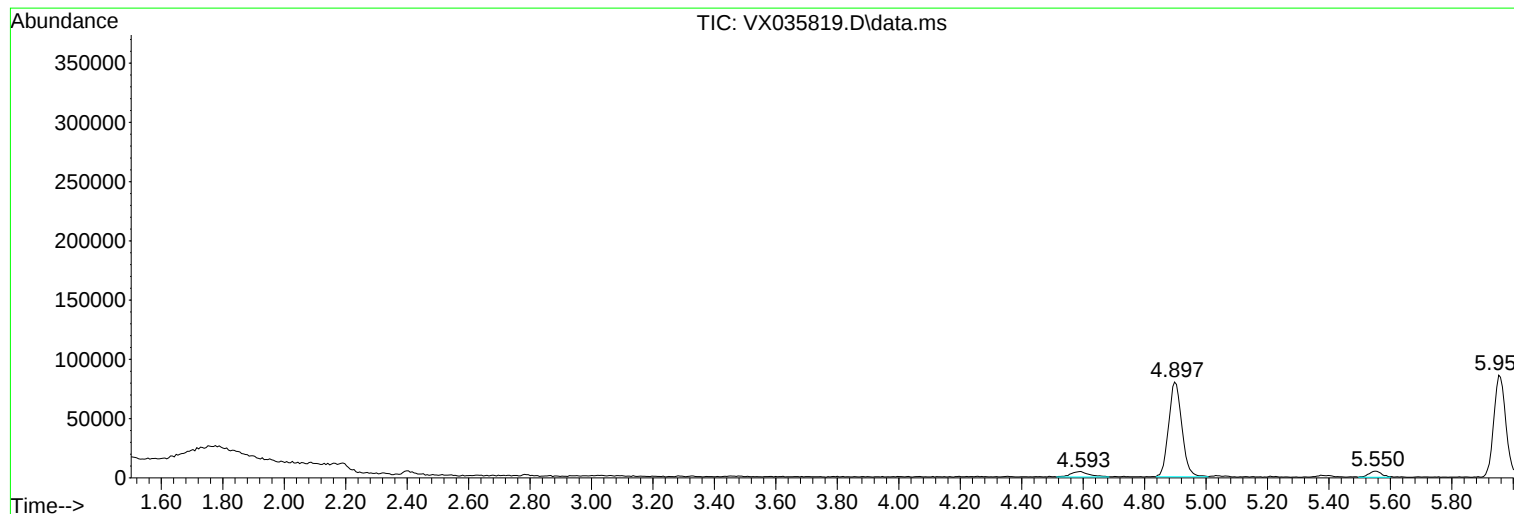
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_X
ClientSampleId :
TWP01

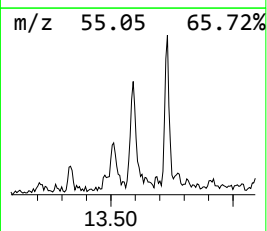
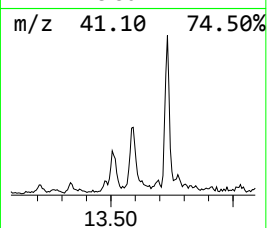
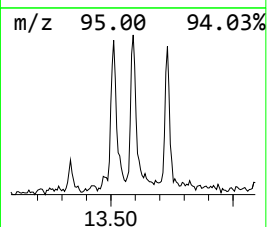
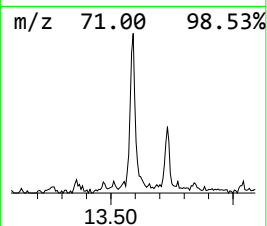
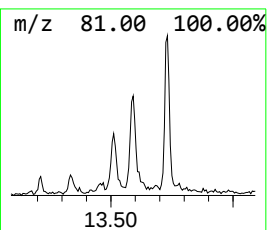
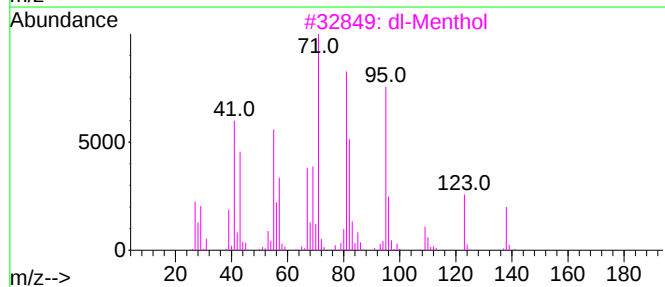
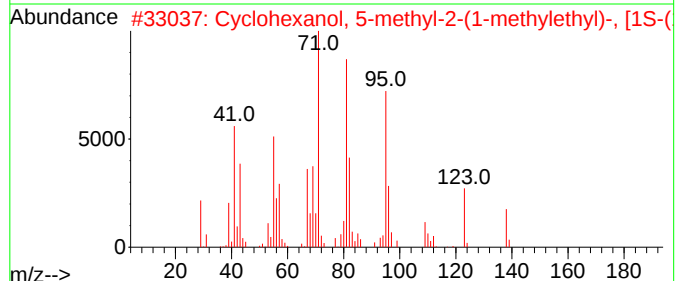
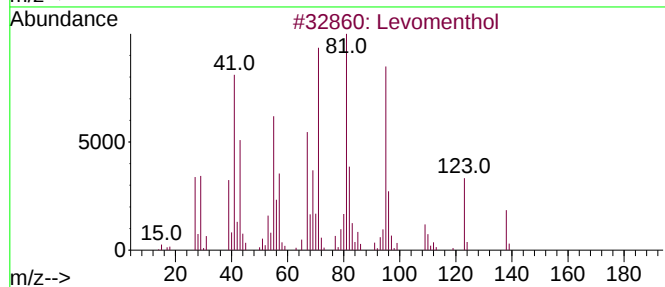
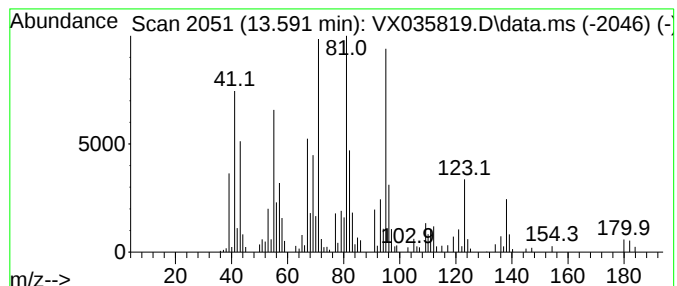
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Levomenthol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	7.24 ug/l	122953	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Levomenthol	156	C10H20O	002216-51-5	91
2			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	91
3			dl-Menthol	156	C10H20O	000089-78-1	87
4			dl-Menthol	156	C10H20O	000089-78-1	87
5			Levomenthol	156	C10H20O	002216-51-5	87



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Sample : 02899-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TWP01

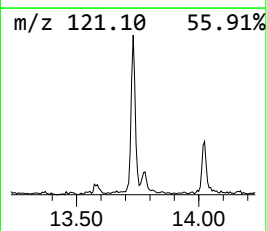
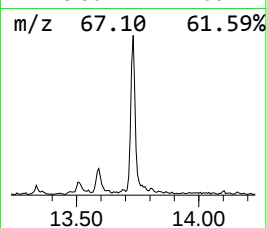
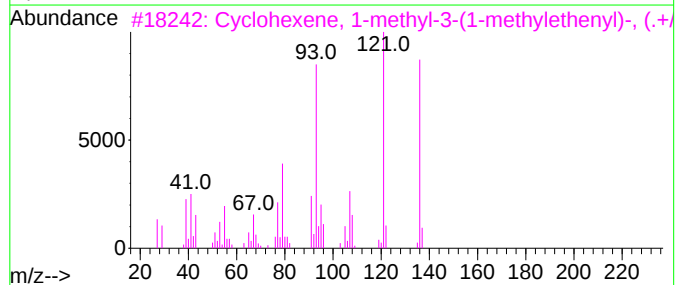
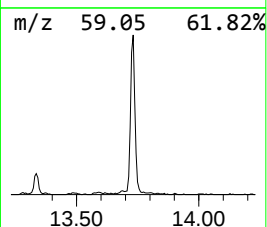
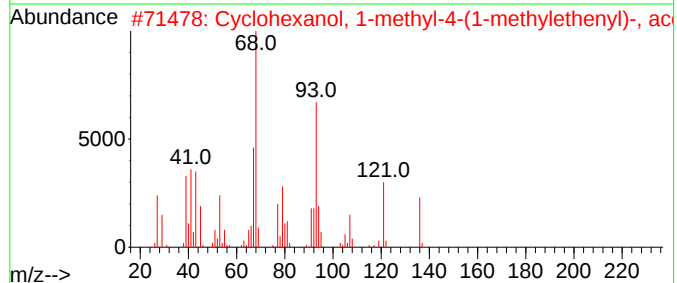
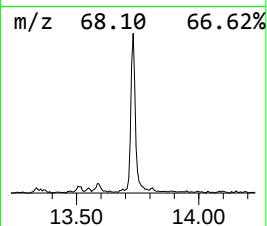
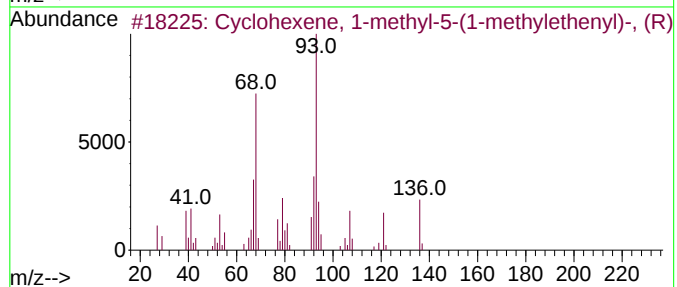
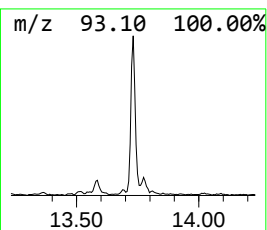
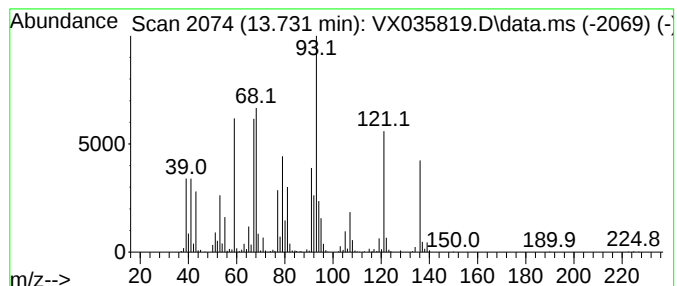
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexene, 1-methyl-5-(1-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.731	20.97 ug/l	355838	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	58
2			Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	58
3			Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	55
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	55
5			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	55



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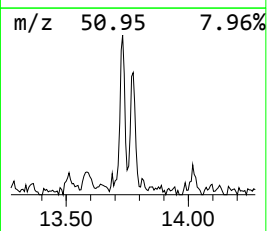
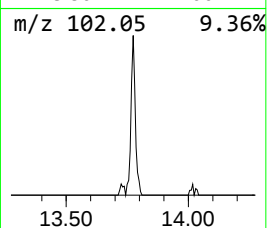
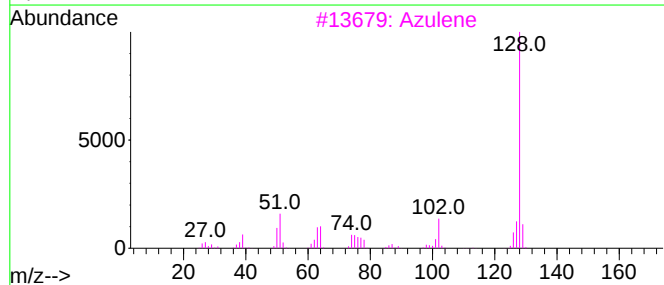
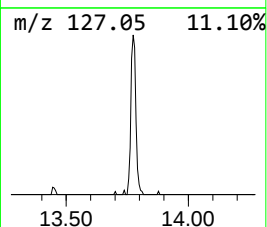
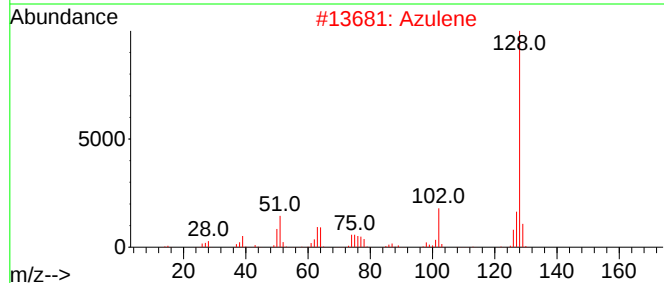
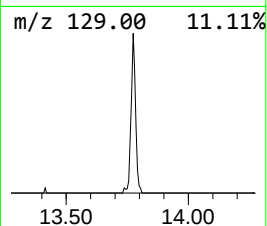
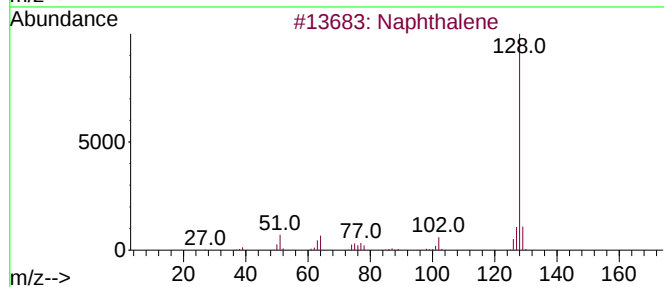
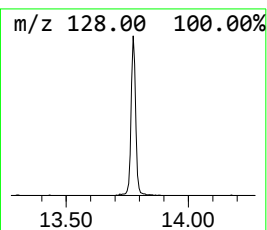
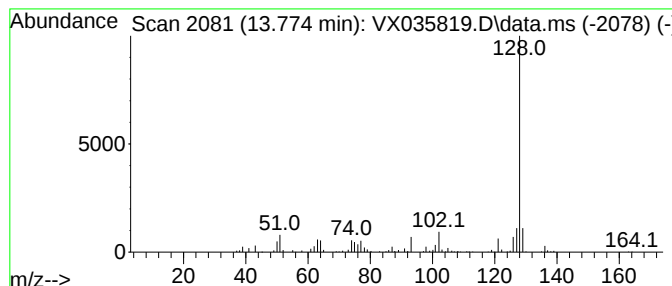
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	5.18 ug/l	87895	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	90
2			Azulene	128	C10H8	000275-51-4	90
3			Azulene	128	C10H8	000275-51-4	90
4			Azulene	128	C10H8	000275-51-4	90
5			Naphthalene	128	C10H8	000091-20-3	90



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Levomenthol	13.591	7.2	ug/l	122953	3	10.055	509180	30.0
Cyclohexene, 1-...	13.731	21.0	ug/l	355838	3	10.055	509180	30.0
Azulene	13.774	5.2	ug/l	87895	3	10.055	509180	30.0