

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023719.D
 Acq On : 10 Nov 2025 16:59
 Operator : SY/MD
 Sample : Q3593-09
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-LAW-25-0156-0166-COMP

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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_Y\methods\82Y100725S.M
 Title : SW846 8260

Signal : TIC: VY023719.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.080	52	59	60	rBV3	8598	15072	2.17%	0.227%
2	2.177	69	75	84	rBV	75823	126423	18.19%	1.902%
3	2.470	118	123	133	rBV	9766	27422	3.95%	0.413%
4	4.616	468	475	476	rBV2	9873	16203	2.33%	0.244%
5	4.848	505	513	514	rBV3	4427	8349	1.20%	0.126%
6	5.652	634	645	655	rBV2	32524	103676	14.92%	1.560%
7	6.707	807	818	826	rBV5	4289	15380	2.21%	0.231%
8	7.640	957	971	977	rBV	156562	399078	57.43%	6.005%
9	7.713	977	983	994	rVB	202052	465480	66.98%	7.004%
10	7.920	1011	1017	1025	rBV6	7527	18172	2.61%	0.273%
11	8.067	1032	1041	1051	rBV2	136028	306530	44.11%	4.612%
12	8.475	1102	1108	1114	rBV7	8546	19420	2.79%	0.292%
13	8.615	1122	1131	1141	rBV	294256	613166	88.23%	9.226%
14	9.109	1207	1212	1220	rVB2	17986	38663	5.56%	0.582%
15	10.109	1370	1376	1383	rBV	399914	694930	100.00%	10.457%
16	10.170	1384	1386	1392	rVB	16691	26484	3.81%	0.399%
17	10.444	1429	1431	1437	rBV6	8771	12645	1.82%	0.190%
18	10.962	1513	1516	1522	rVB	36733	55664	8.01%	0.838%
19	11.420	1585	1591	1599	rBV	294511	488215	70.25%	7.346%
20	11.517	1605	1607	1610	rBV2	17121	22420	3.23%	0.337%
21	11.633	1622	1626	1636	rVB4	44419	131833	18.97%	1.984%
22	11.926	1669	1674	1677	rBV2	43610	83853	12.07%	1.262%
23	12.090	1697	1701	1705	rBV	49088	74634	10.74%	1.123%
24	12.176	1712	1715	1720	rVB2	38836	61232	8.81%	0.921%
25	12.407	1748	1753	1762	rBV2	209488	406002	58.42%	6.109%
26	12.657	1790	1794	1797	rVB2	55685	77026	11.08%	1.159%
27	12.737	1803	1807	1811	rVB2	84424	124087	17.86%	1.867%
28	12.962	1842	1844	1851	rVB	75409	132550	19.07%	1.994%
29	13.041	1854	1857	1862	rVB	112001	169105	24.33%	2.544%
30	13.218	1883	1886	1889	rBV4	48344	81912	11.79%	1.233%
31	13.346	1904	1907	1916	rVB2	135937	254669	36.65%	3.832%
32	13.669	1955	1960	1965	rBV2	154601	296928	42.73%	4.468%
33	13.883	1991	1995	2009	rVB3	240098	594581	85.56%	8.947%
34	13.999	2011	2014	2018	rBV	76010	115647	16.64%	1.740%
35	14.053	2019	2023	2030	rVV9	76497	197935	28.48%	2.978%
36	14.175	2039	2043	2052	rBV5	92516	252439	36.33%	3.798%

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_Y\methods\82Y100725S.M
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37	14.858	2152	2155	2159	rVB2	86048	118089	16.99%	1.777%
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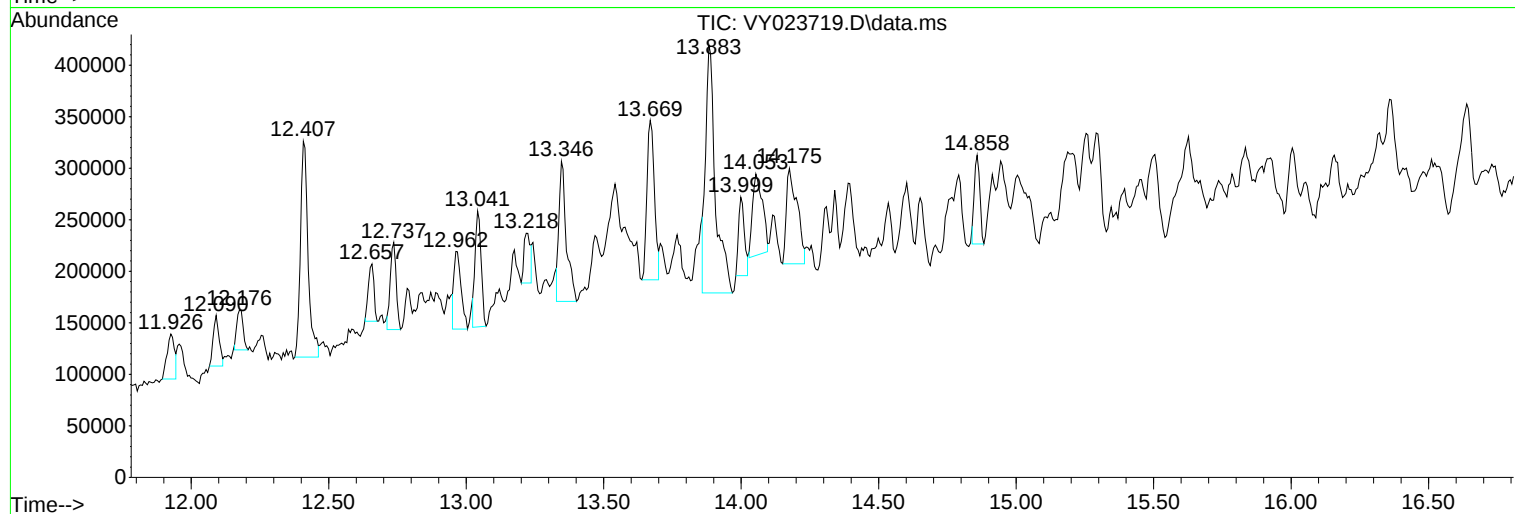
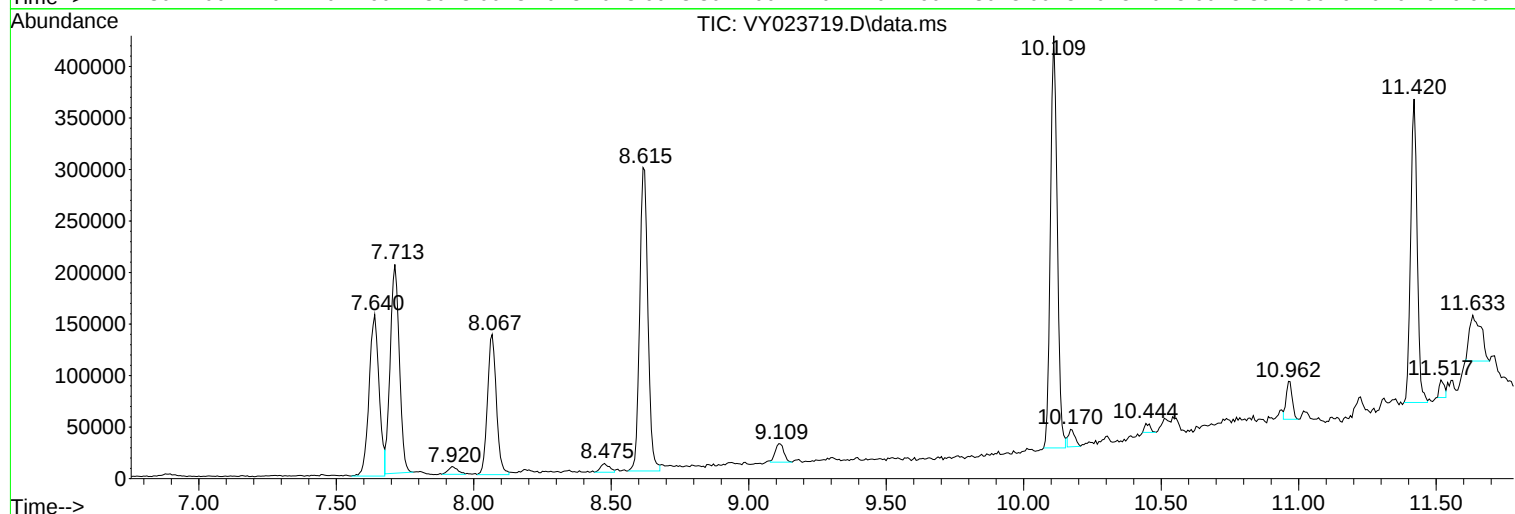
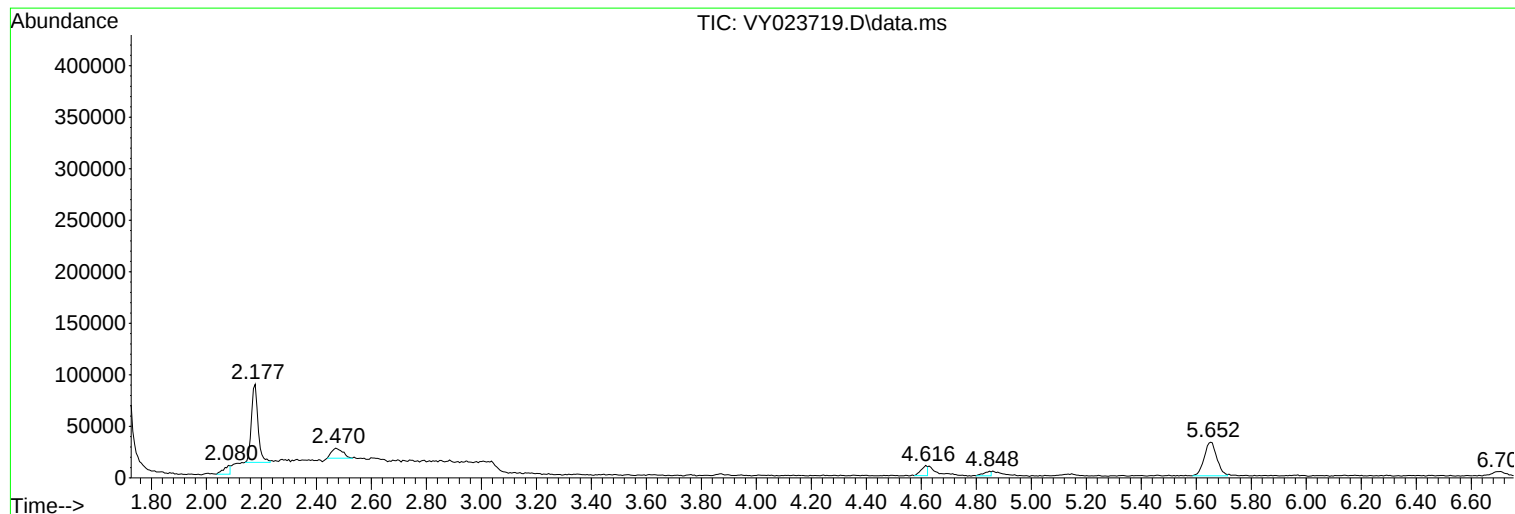
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



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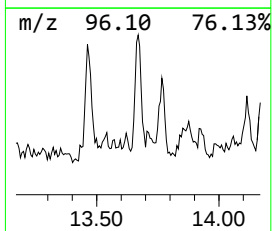
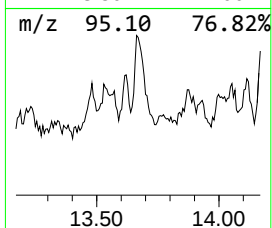
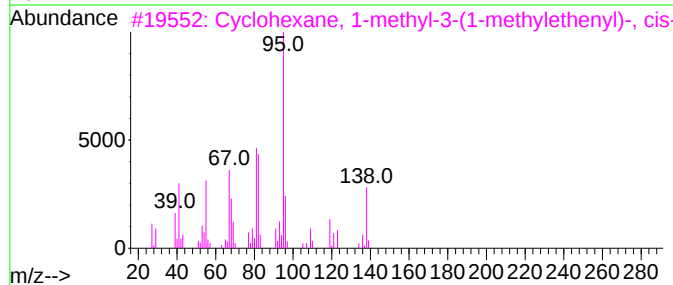
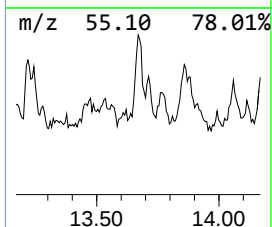
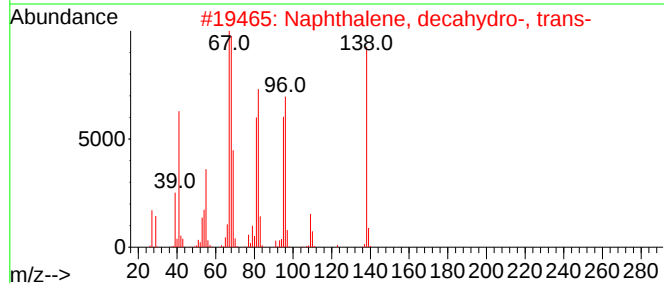
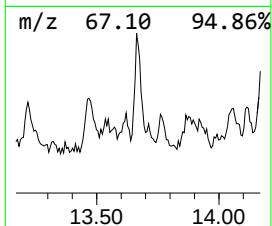
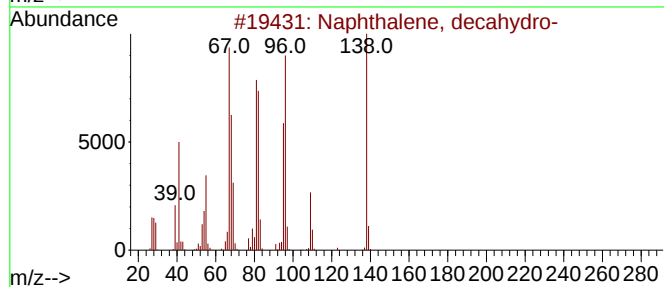
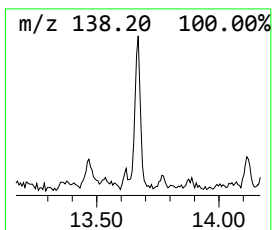
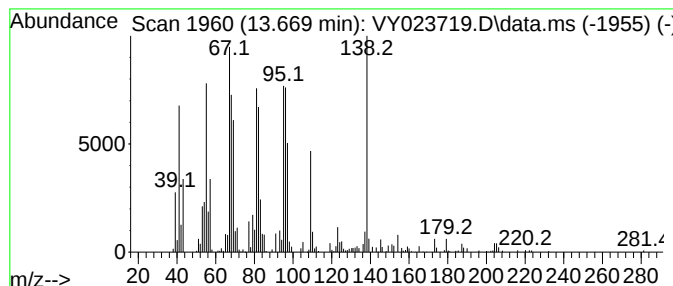
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	58.30 ug/l	296928	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	90
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	87
3			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	86
4			Spiro[4.5]decane	138	C10H18	000176-63-6	81
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76



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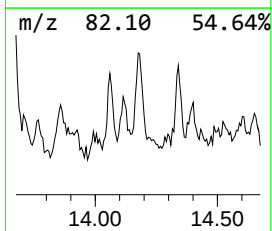
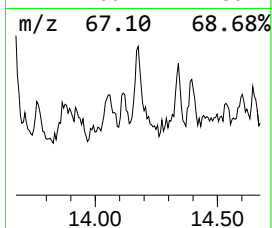
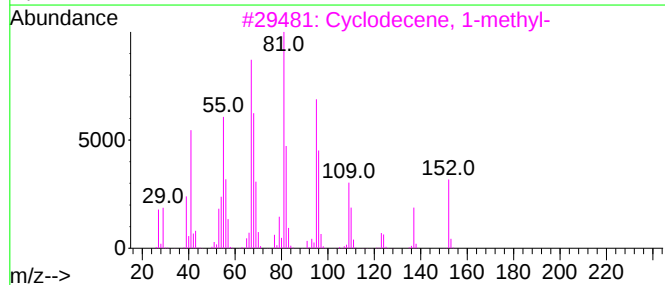
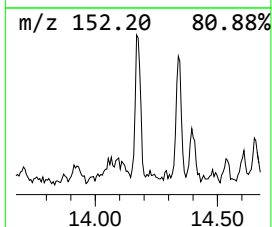
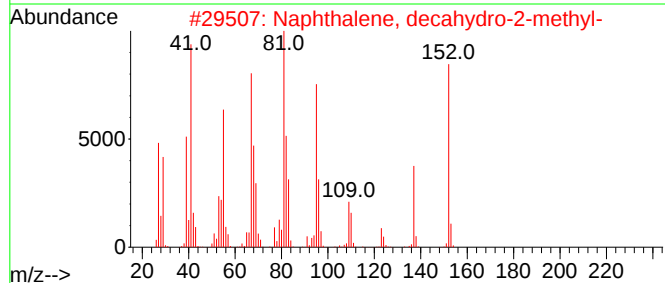
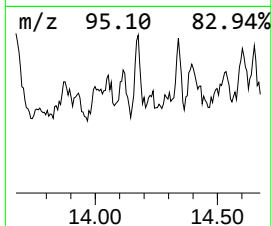
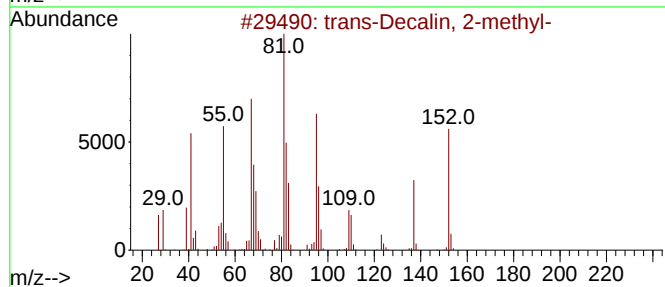
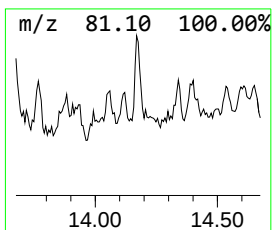
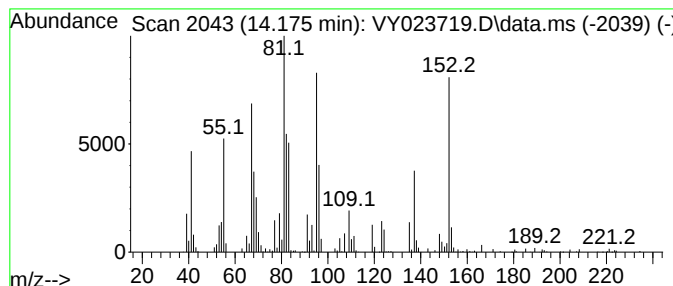
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Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.175	49.56 ug/l	252439	1,4-Dichlorobenzene-d4			13.346
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-		152	C11H20	1000152-47-3	94
2	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	94
3	Cyclodecene, 1-methyl-		152	C11H20	066633-38-3	81
4	cis-Decalin, 2-syn-methyl-		152	C11H20	1000155-85-6	70
5	Bicyclo[3.3.1]nonane-2,7-dione		152	C9H12O2	1000210-30-3	53



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Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, de...	13.669	58.3	ug/l	296928	4	13.346	254669	50.0
trans-Decalin, ...	14.175	49.6	ug/l	252439	4	13.346	254669	50.0