

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023718.D
 Acq On : 10 Nov 2025 16:37
 Operator : SY/MD
 Sample : Q3593-07
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-LAW-25-0167-0175-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: VY023718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.178	69	75	86	rVV	151868	264474	8.72%	2.090%
2	2.482	117	125	129	rBV9	10828	33672	1.11%	0.266%
3	4.622	466	476	488	rBV4	11107	40329	1.33%	0.319%
4	4.848	503	513	531	rBV2	12604	50241	1.66%	0.397%
5	5.122	544	558	573	rBV3	29188	114207	3.76%	0.902%
6	5.653	633	645	659	rBV	141508	449740	14.82%	3.554%
7	7.640	961	971	977	rBV2	223128	556669	18.35%	4.399%
8	7.713	977	983	992	rVB	299912	689319	22.72%	5.447%
9	7.921	1010	1017	1031	rBV5	17199	45078	1.49%	0.356%
10	8.067	1032	1041	1051	rBV2	194815	456368	15.04%	3.606%
11	8.475	1102	1108	1116	rBV	18176	42723	1.41%	0.338%
12	8.616	1123	1131	1140	rBV	449769	906797	29.89%	7.165%
13	9.109	1201	1212	1219	rBV2	37477	94208	3.11%	0.744%
14	10.109	1369	1376	1382	rBV	518975	895487	29.52%	7.076%
15	10.170	1382	1386	1393	rVB	77315	145110	4.78%	1.147%
16	10.822	1490	1493	1497	rVB5	19056	31150	1.03%	0.246%
17	10.963	1513	1516	1521	rVB	54715	82308	2.71%	0.650%
18	11.018	1522	1525	1530	rVB3	26923	42049	1.39%	0.332%
19	11.225	1555	1559	1568	rVB5	25187	53447	1.76%	0.422%
20	11.420	1585	1591	1602	rVB	305289	523490	17.26%	4.137%
21	11.517	1605	1607	1611	rBV	25857	36253	1.19%	0.286%
22	11.627	1618	1625	1634	rBV2	168428	485855	16.01%	3.839%
23	11.926	1670	1674	1675	rBV2	51840	64701	2.13%	0.511%
24	12.091	1698	1701	1703	rBV3	33839	45063	1.49%	0.356%
25	12.261	1723	1729	1737	rVB	1905164	3033765	100.00%	23.972%
26	12.408	1748	1753	1760	rBV2	170745	301545	9.94%	2.383%
27	12.657	1790	1794	1797	rBV2	80314	115159	3.80%	0.910%
28	12.737	1803	1807	1811	rVB5	87926	136305	4.49%	1.077%
29	13.042	1853	1857	1862	rVB	134905	210264	6.93%	1.661%
30	13.669	1955	1960	1965	rBV2	132045	239899	7.91%	1.896%
31	13.883	1992	1995	2001	rVB2	223315	347539	11.46%	2.746%
32	13.999	2010	2014	2018	rBV	112430	197952	6.52%	1.564%
33	14.176	2039	2043	2049	rBV4	134612	253582	8.36%	2.004%
34	14.340	2067	2070	2074	rVB2	99830	120155	3.96%	0.949%
35	14.535	2099	2102	2106	rVB4	77493	97692	3.22%	0.772%
36	14.651	2117	2121	2127	rVB5	190848	348645	11.49%	2.755%

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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	14.761	2135	2139	2142	rBV4	148185	231074	7.62%	1.826%
38	15.346	2231	2235	2243	rBV7	185665	423753	13.97%	3.348%
39	15.511	2257	2262	2269	rBV6	207040	449240	14.81%	3.550%

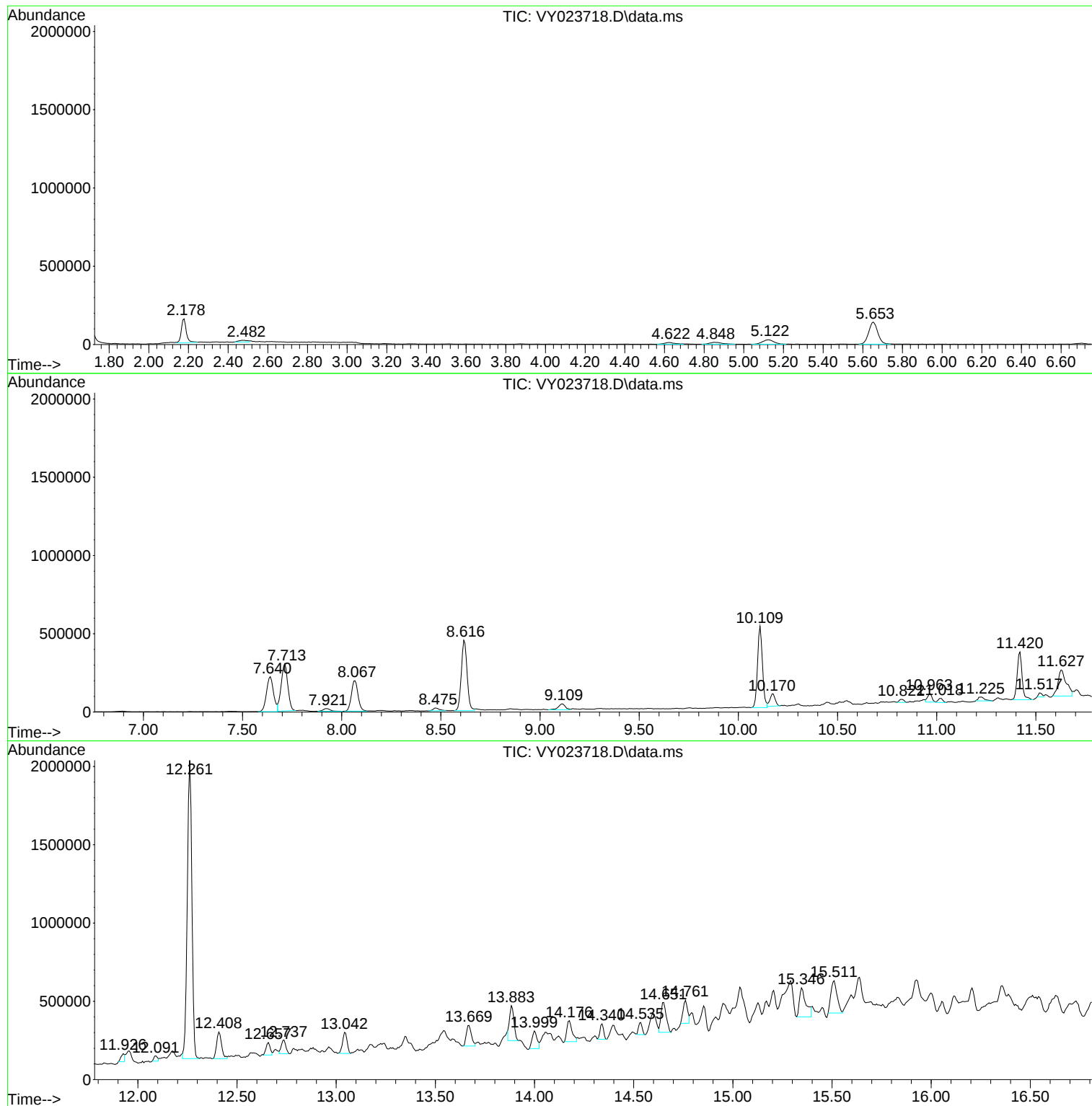
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Quant Title : SW846 8260

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



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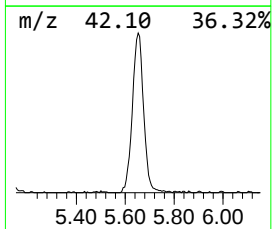
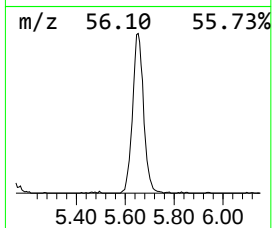
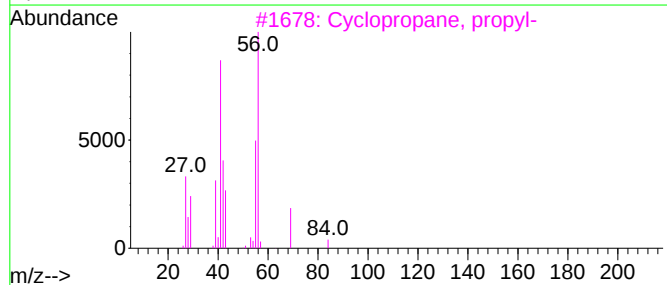
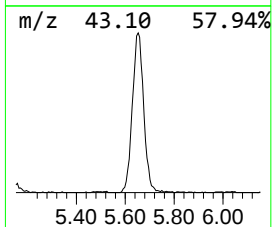
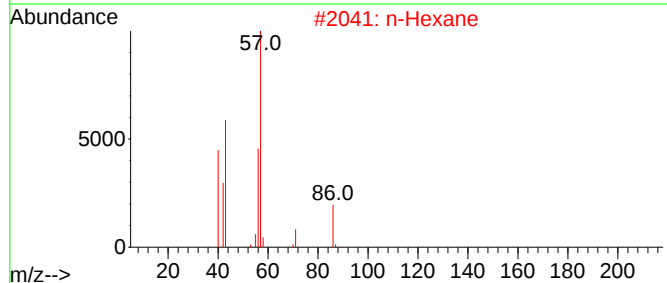
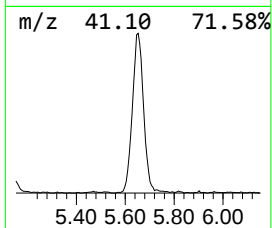
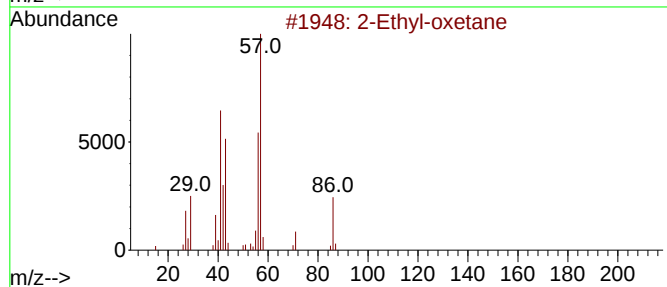
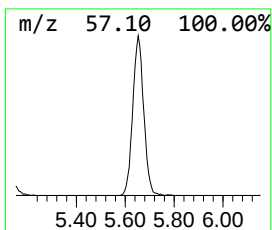
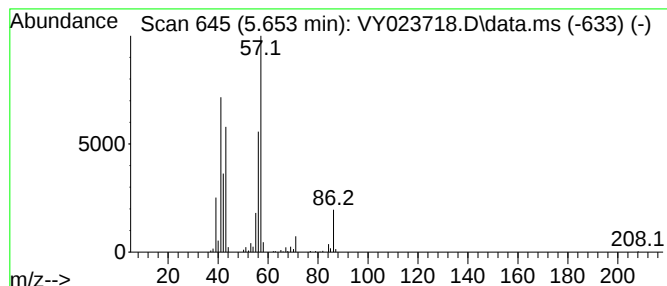
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 1 2-Ethyl-oxetane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.653	32.62 ug/l	449740	Pentafluorobenzene	7.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2			n-Hexane	86	C6H14	000110-54-3	86
3			Cyclopropane, propyl-	84	C6H12	002415-72-7	43
4			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	38



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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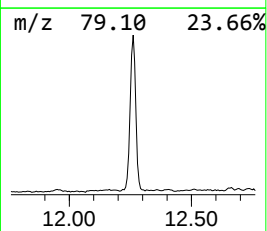
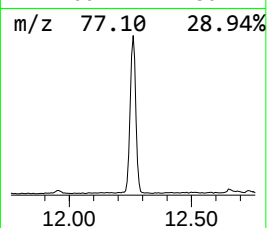
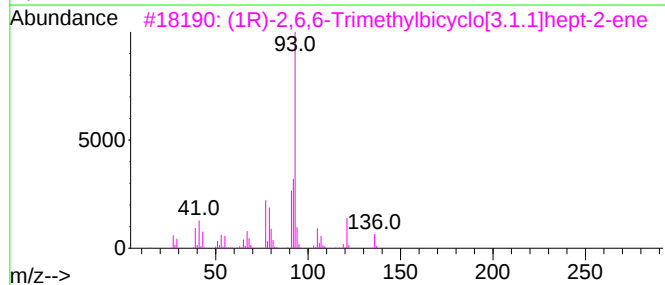
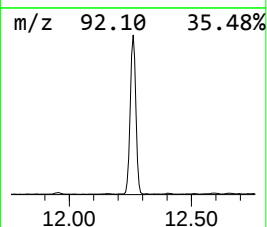
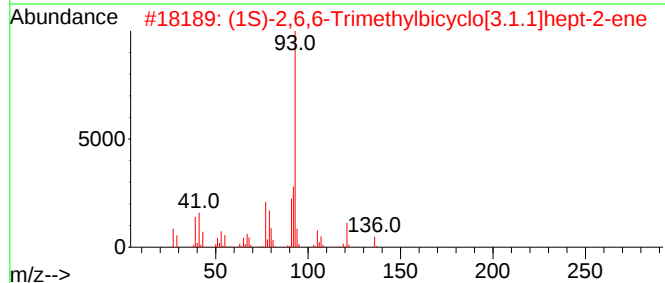
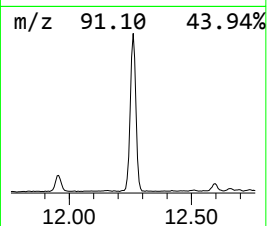
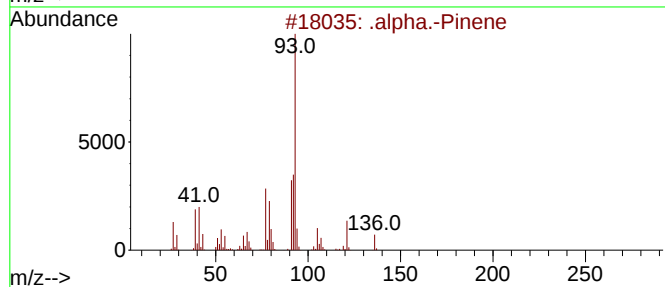
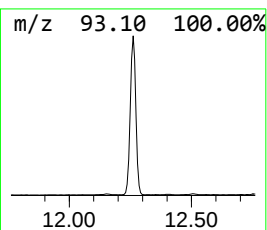
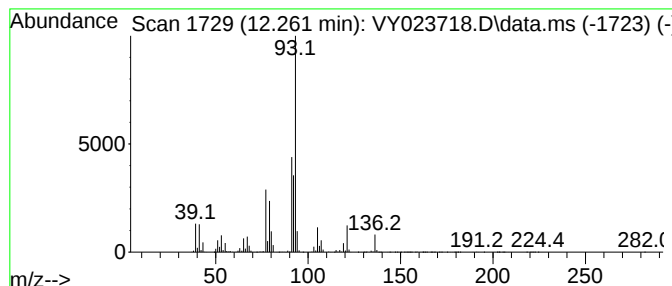
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Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.261	289.76 ug/l	3033770	Chlorobenzene-d5	11.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	97
2			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
3			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4			.gamma.-Terpinene	136	C10H16	000099-85-4	91
5			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91



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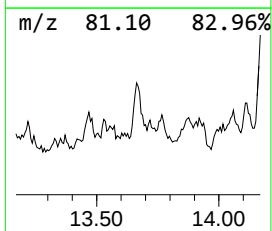
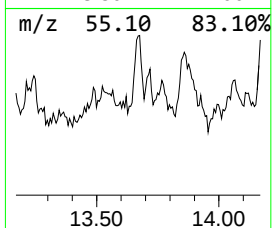
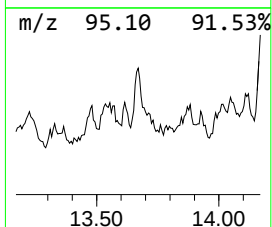
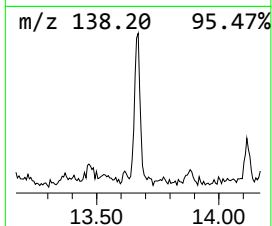
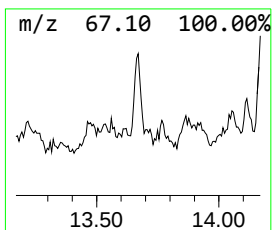
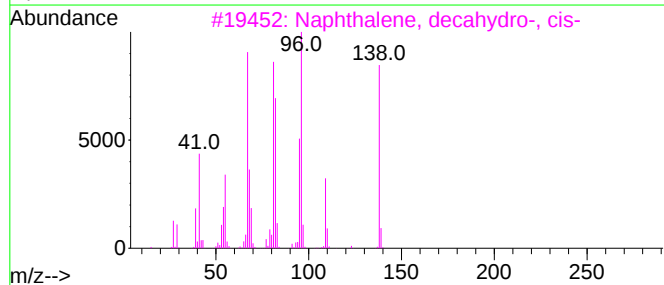
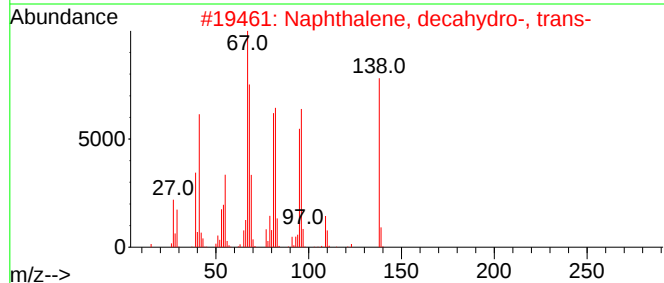
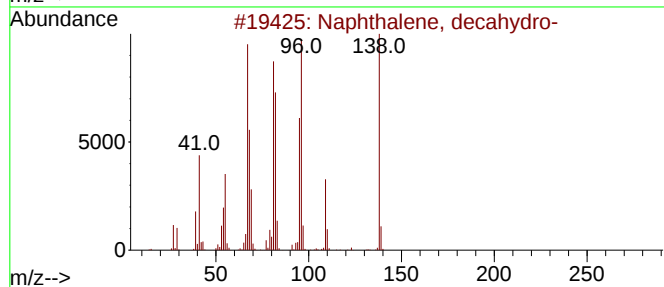
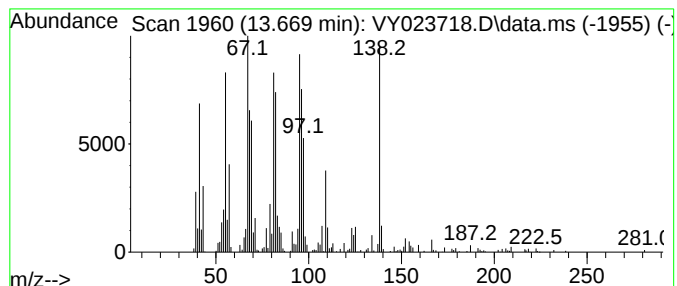
Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, decahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.669	57.05 ug/l	239899	1,4-Dichlorobenzene-d4			13.346
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-		138	C10H18	000091-17-8	94
2	Naphthalene, decahydro-, trans-		138	C10H18	000493-02-7	93
3	Naphthalene, decahydro-, cis-		138	C10H18	000493-01-6	93
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...		138	C10H18	018968-23-5	90
5	Spiro[4.5]decane		138	C10H18	000176-63-6	81



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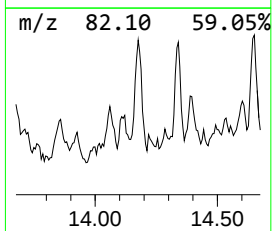
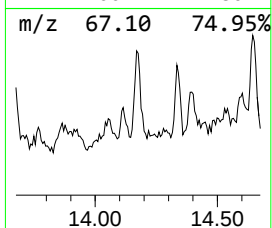
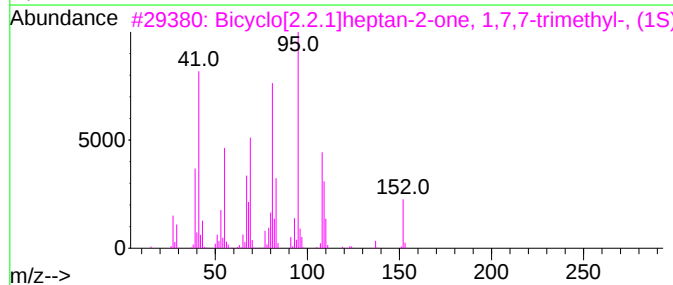
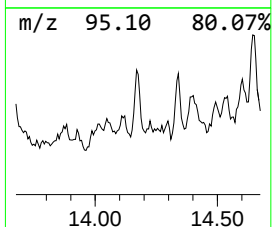
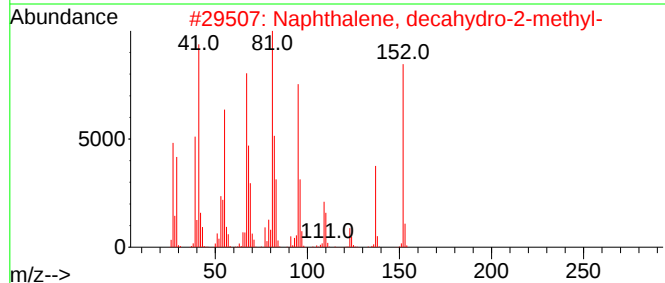
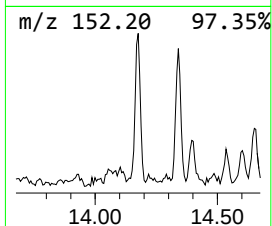
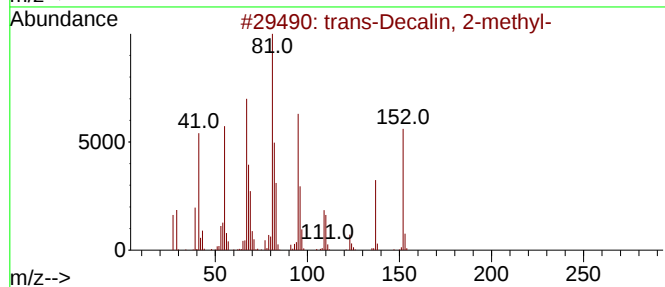
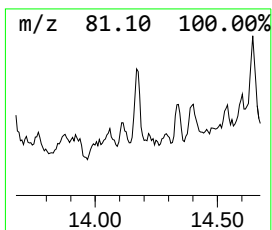
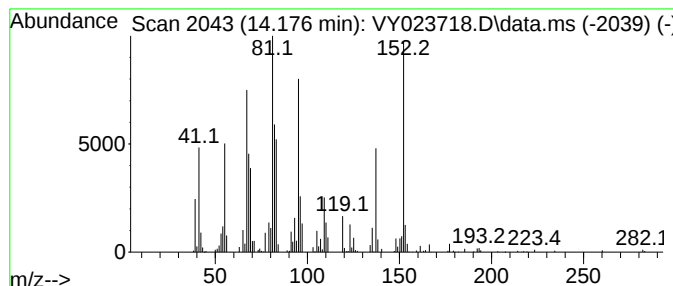
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 trans-Decalin, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	60.30 ug/l	253582	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	93
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	81
4			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	70
5			(+)-2-Bornanone	152	C10H16O	000464-49-3	68



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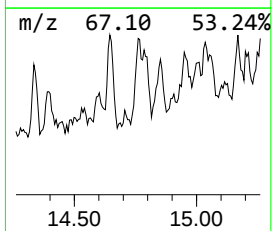
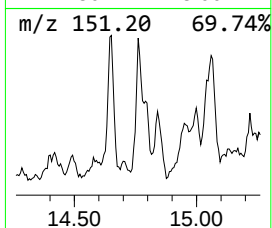
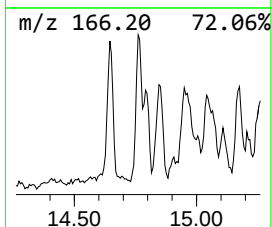
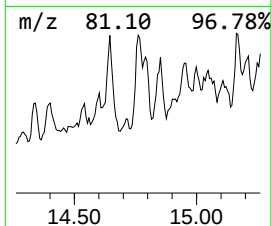
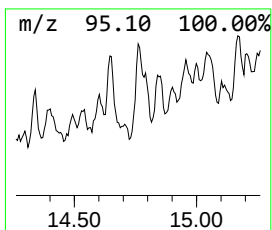
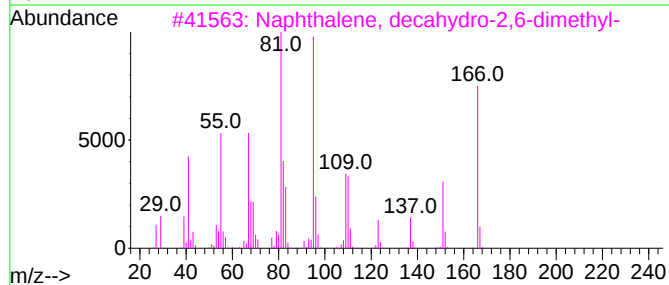
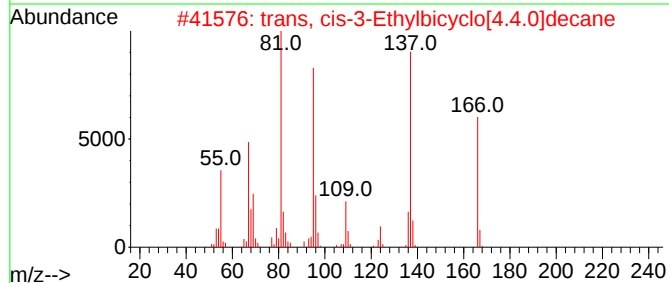
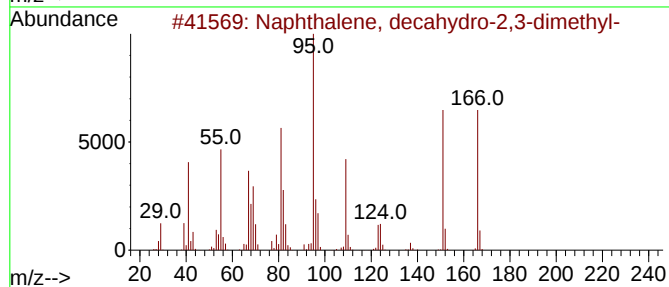
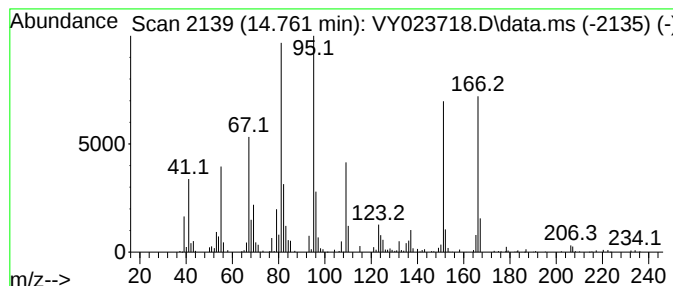
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro-2,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.761	54.95 ug/l	231074	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	93
2			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	76
3			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	74
4			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	64
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
Data File : VY023718.D
Acq On : 10 Nov 2025 16:37
Operator : SY/MD
Sample : Q3593-07
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Ethyl-oxetane	5.653	32.6	ug/l	449740	1	7.713	689319	50.0
.alpha.-Pinene	12.261	289.8	ug/l	3033770	3	11.420	523490	50.0
Naphthalene, de...	13.669	57.0	ug/l	239899	4	13.346	210264	50.0
trans-Decalin, ...	14.176	60.3	ug/l	253582	4	13.346	210264	50.0
Naphthalene, de...	14.761	55.0	ug/l	231074	4	13.346	210264	50.0