

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023720.D
 Acq On : 10 Nov 2025 17:22
 Operator : SY/MD
 Sample : Q3593-11
 Misc : 6.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-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: VY023720.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	83	rVV	50956	98541	6.62%	0.847%
2	2.483	118	125	133	rBV	13141	48231	3.24%	0.415%
3	4.629	465	477	487	rBV4	13488	45743	3.07%	0.393%
4	5.653	633	645	658	rBV2	57006	183057	12.30%	1.574%
5	7.640	958	971	977	rBV	273046	682915	45.88%	5.873%
6	7.713	977	983	995	rVB	436762	1004503	67.48%	8.639%
7	8.067	1031	1041	1054	rBV	246722	556549	37.39%	4.786%
8	8.616	1123	1131	1142	rBV	645171	1316742	88.46%	11.324%
9	10.109	1369	1376	1384	rBV	870619	1488596	100.00%	12.802%
10	10.963	1514	1516	1521	rVB2	14155	15985	1.07%	0.137%
11	11.225	1554	1559	1564	rBV8	12435	21850	1.47%	0.188%
12	11.420	1584	1591	1599	rBV	686683	1161600	78.03%	9.990%
13	11.633	1618	1626	1629	rBV	64576	160197	10.76%	1.378%
14	11.957	1669	1679	1686	rBV5	40736	127338	8.55%	1.095%
15	12.091	1698	1701	1704	rBV2	26431	35709	2.40%	0.307%
16	12.176	1711	1715	1719	rBV2	31921	51648	3.47%	0.444%
17	12.261	1724	1729	1734	rBV3	70001	130580	8.77%	1.123%
18	12.408	1747	1753	1761	rVB2	458157	749428	50.34%	6.445%
19	12.658	1790	1794	1798	rBV2	47057	66461	4.46%	0.572%
20	12.731	1802	1806	1811	rVB3	78958	131447	8.83%	1.130%
21	12.786	1812	1815	1817	rBV2	31643	46340	3.11%	0.399%
22	12.962	1841	1844	1852	rVB5	62263	120009	8.06%	1.032%
23	13.042	1852	1857	1862	rBV	118875	184429	12.39%	1.586%
24	13.219	1883	1886	1894	rVB4	54859	129132	8.67%	1.111%
25	13.347	1902	1907	1917	rVB2	369109	615950	41.38%	5.297%
26	13.462	1922	1926	1931	rBV6	49091	94179	6.33%	0.810%
27	13.670	1955	1960	1966	rBV4	171258	341586	22.95%	2.938%
28	13.883	1986	1995	2009	rVB2	253532	667929	44.87%	5.744%
29	13.999	2010	2014	2018	rBV	110862	187651	12.61%	1.614%
30	14.054	2019	2023	2030	rVV8	64774	156237	10.50%	1.344%
31	14.176	2039	2043	2054	rBV4	135402	377706	25.37%	3.248%
32	14.304	2061	2064	2067	rBV3	68786	102933	6.91%	0.885%
33	14.395	2074	2079	2085	rVB7	91927	182175	12.24%	1.567%
34	14.651	2118	2121	2127	rVB5	99043	163468	10.98%	1.406%
35	14.858	2151	2155	2159	rVB3	123039	181248	12.18%	1.559%

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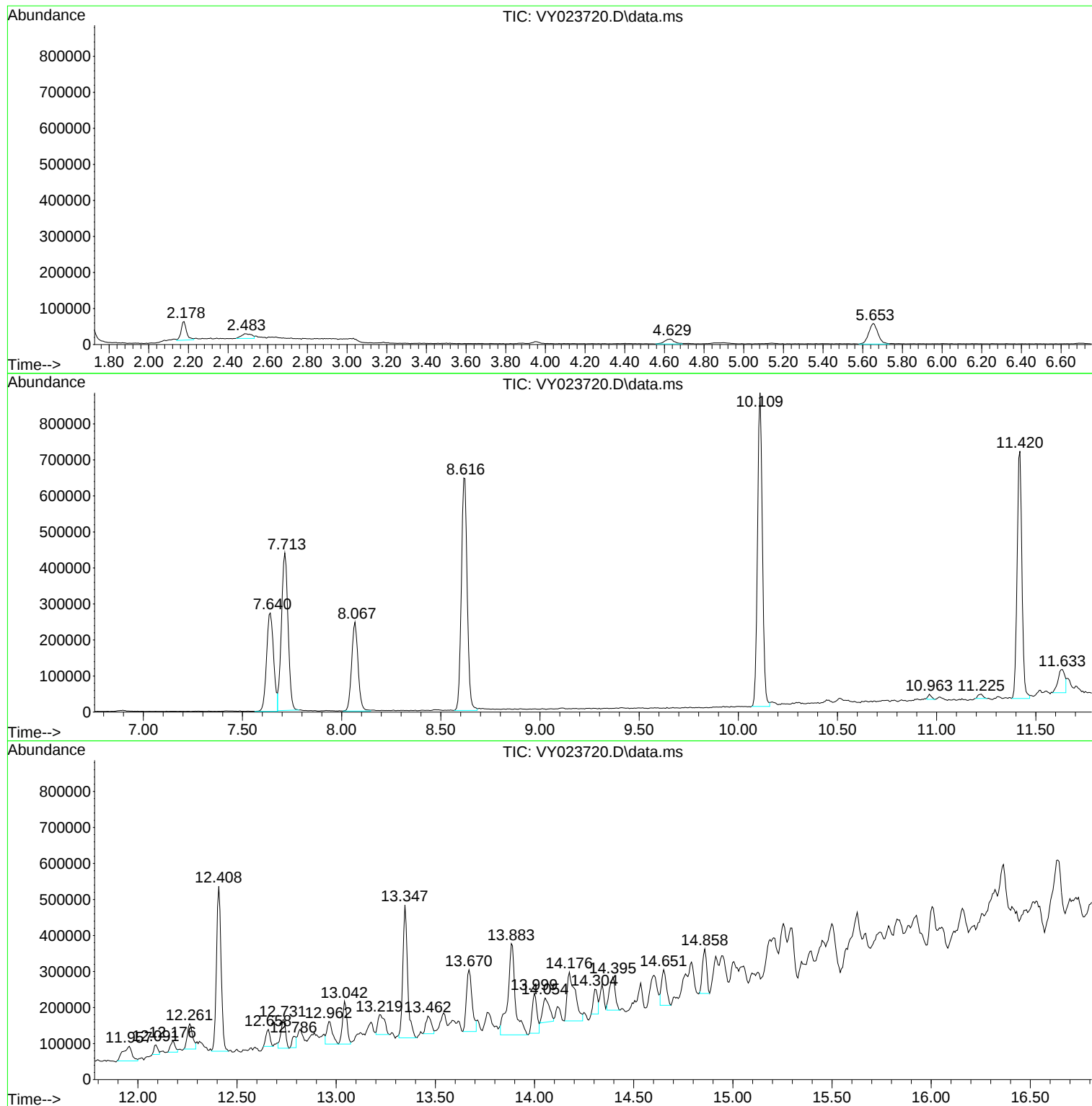
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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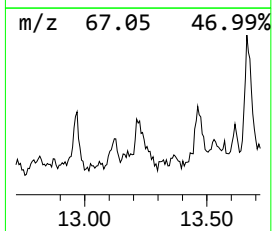
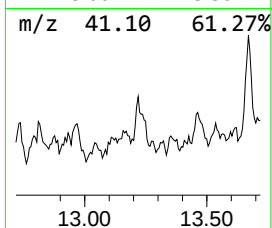
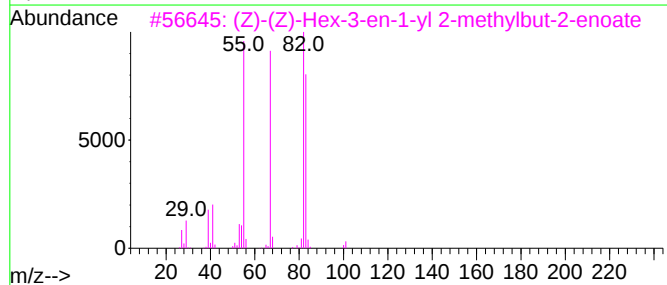
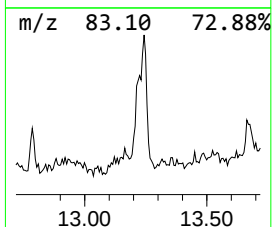
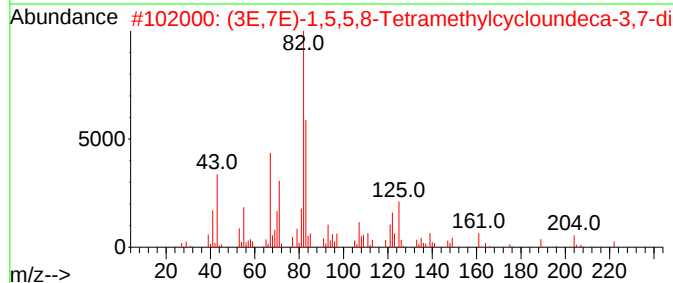
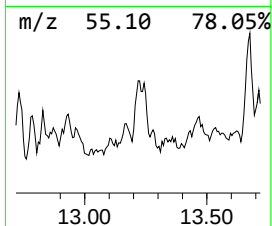
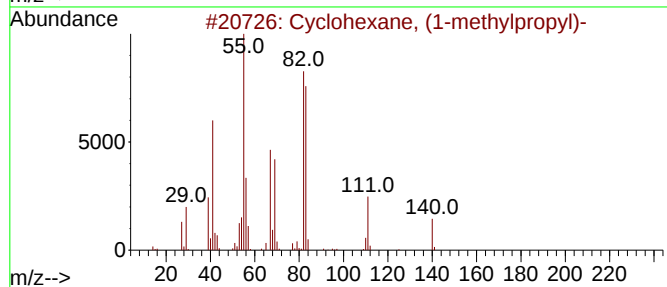
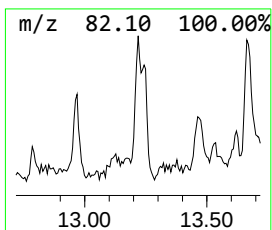
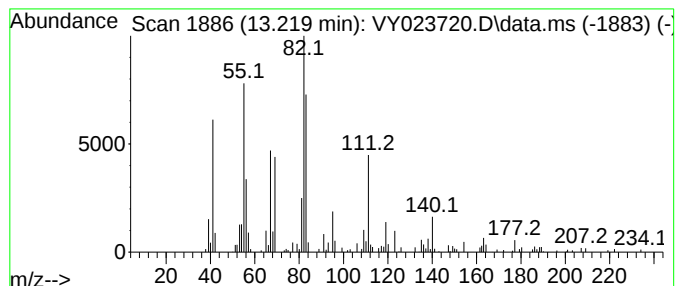
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, (1-methylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	10.48 ug/l	129132	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	91
2			(3E,7E)-1,5,5,8-Tetramethylcyclo...	222	C15H26O	028446-26-6	50
3			(Z)-(Z)-Hex-3-en-1-yl 2-methylbu...	182	C11H18O2	084060-80-0	47
4			Cyclohexanone, 2,2,6-trimethyl-	140	C9H16O	002408-37-9	38
5			Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	38



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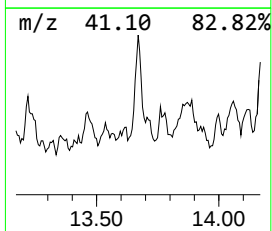
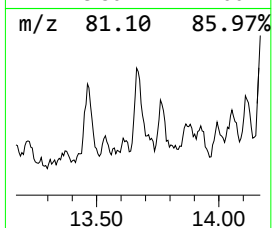
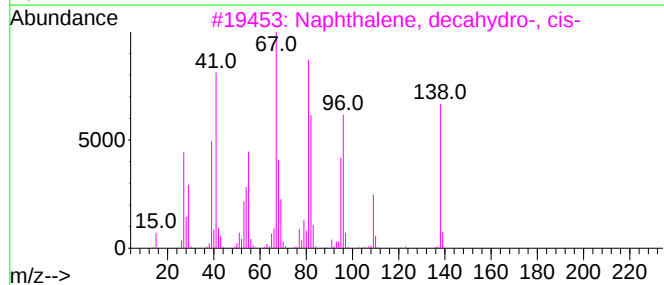
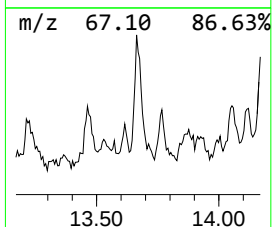
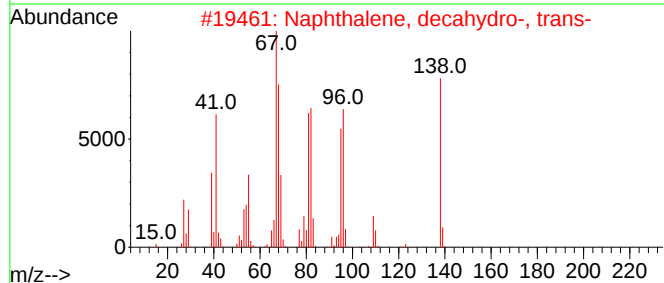
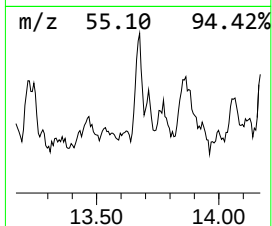
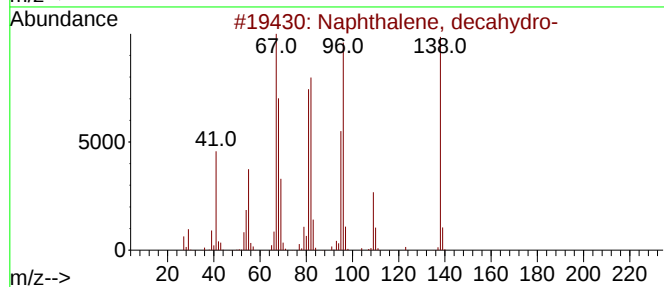
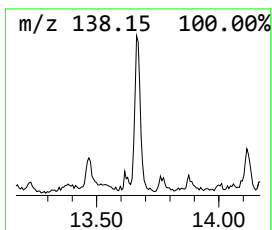
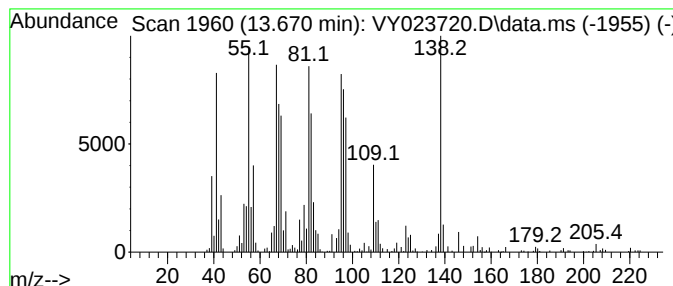
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, decahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.670	27.73 ug/l	341586	1,4-Dichlorobenzene-d4	13.347

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	91
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
4			Spiro[4.5]decane	138	C10H18	000176-63-6	81
5			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	78



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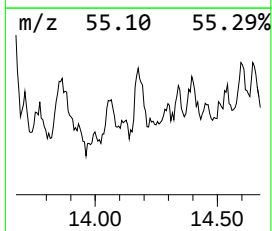
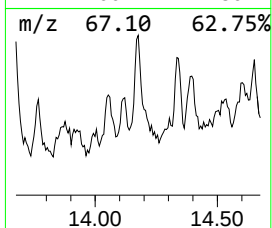
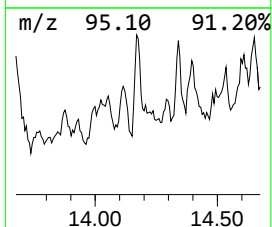
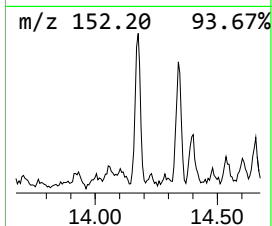
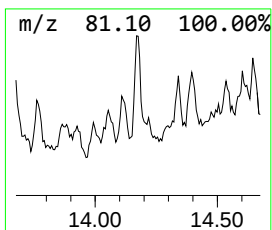
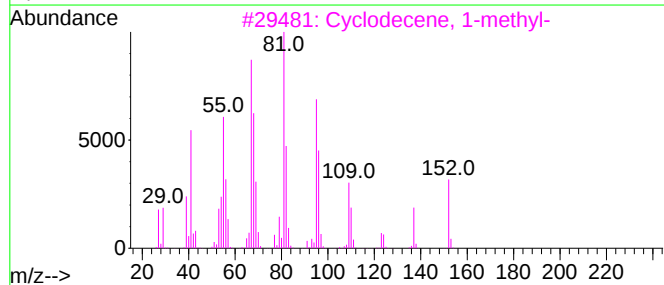
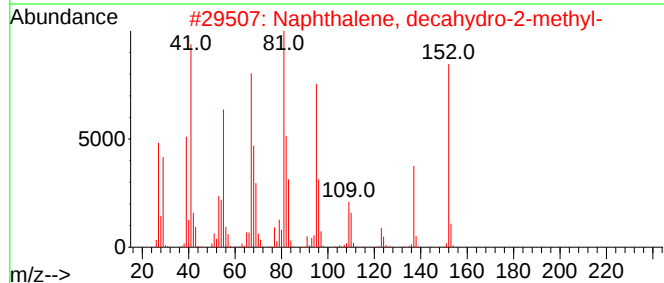
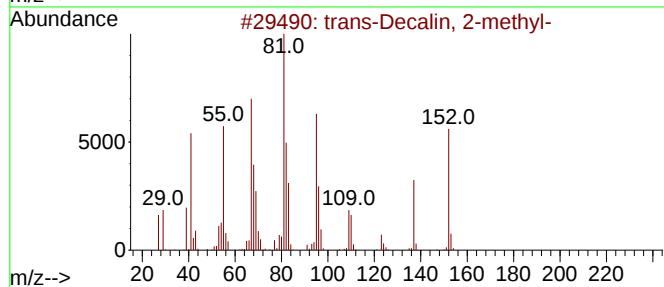
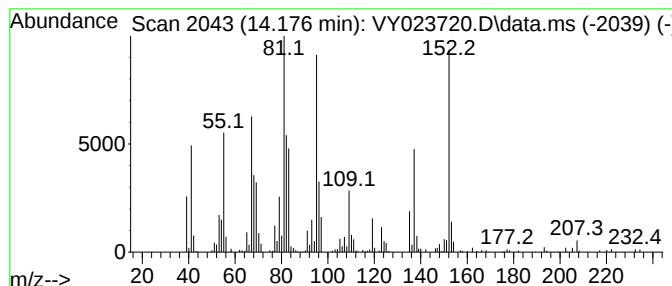
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	30.66 ug/l	377706	1,4-Dichlorobenzene-d4	13.347

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			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	76
5			Camphor	152	C10H16O	000076-22-2	76



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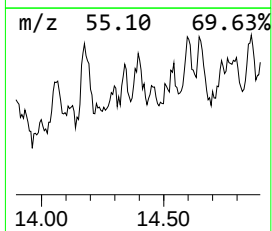
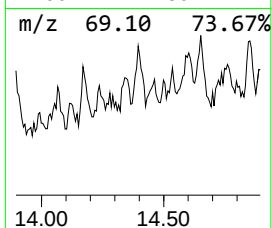
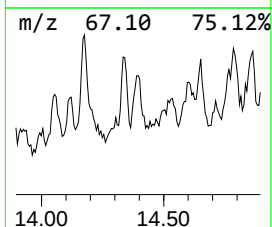
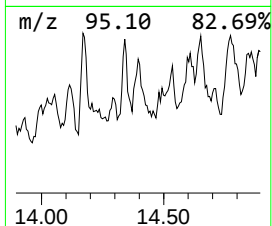
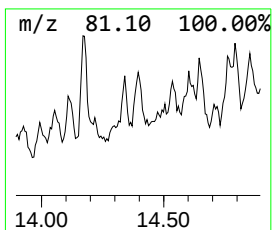
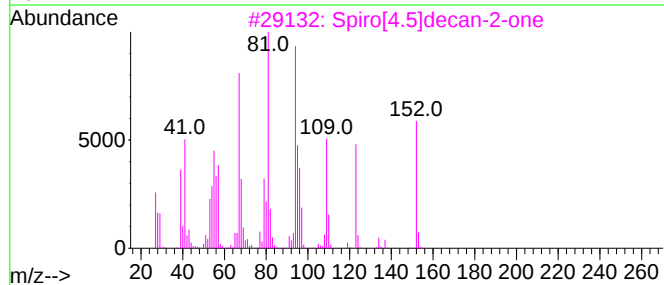
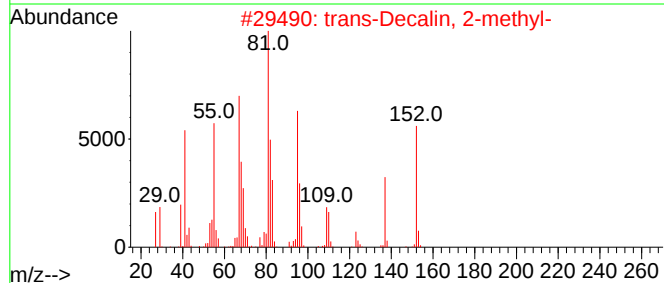
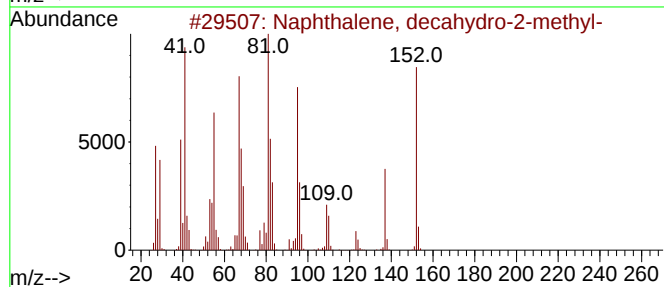
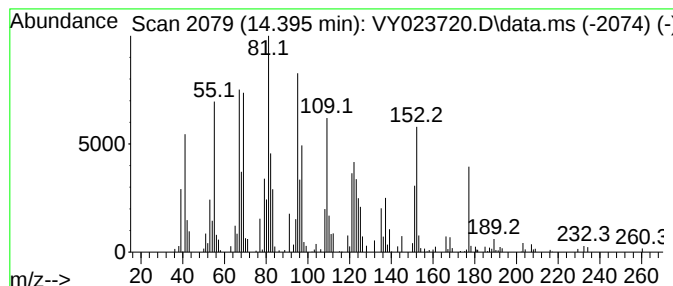
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Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.395	14.79 ug/l	182175	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
3			Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	64
4			3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	64
5			Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	50



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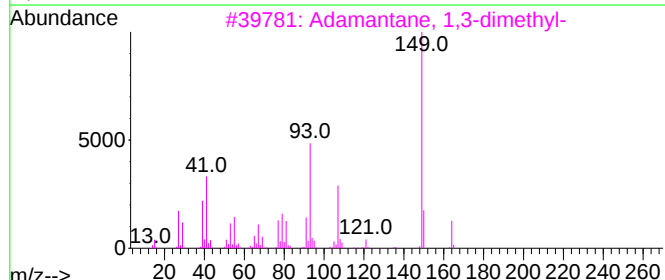
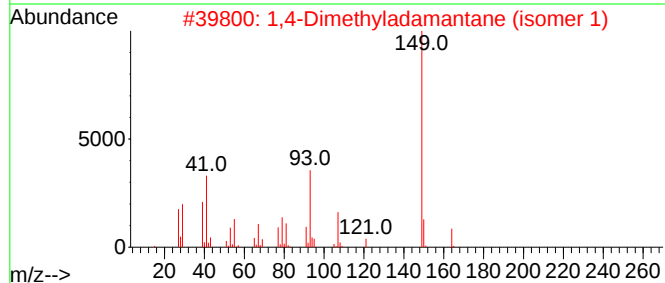
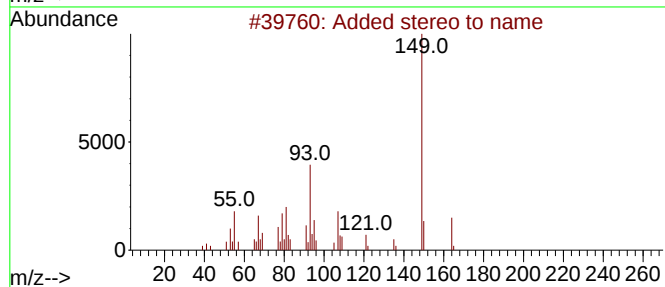
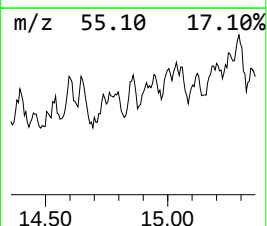
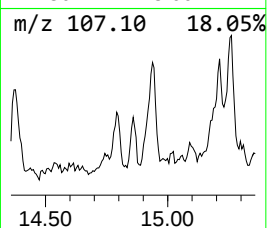
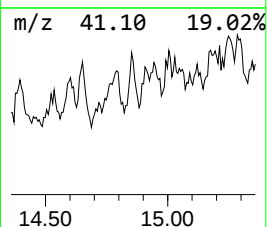
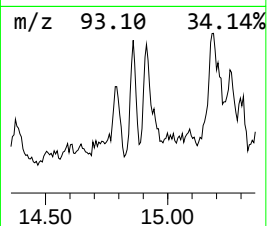
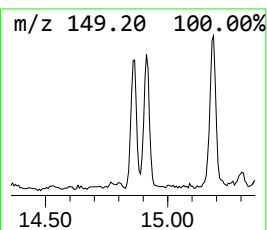
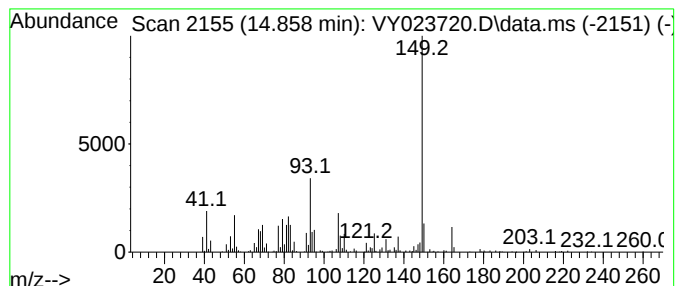
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,4-Dimethyladamantane (iso... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.858	14.71 ug/l	181248	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Added stereo to name			164	C12H20	024145-88-8	93
2	1,4-Dimethyladamantane (isomer 1)			164	C12H20	1000460-67-0	87
3	Adamantane, 1,3-dimethyl-			164	C12H20	000702-79-4	81
4	1-Methyl-3-ethyladamantane			178	C13H22	001687-34-9	74
5	2-Naphthalenemethanol, 2,3,4,4a,...			222	C15H26O	063891-61-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
Data File : VY023720.D
Acq On : 10 Nov 2025 17:22
Operator : SY/MD
Sample : Q3593-11
Misc : 6.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, (1...	13.219	10.5	ug/l	129132	4	13.347	615950	50.0
Naphthalene, de...	13.670	27.7	ug/l	341586	4	13.347	615950	50.0
trans-Decalin, ...	14.176	30.7	ug/l	377706	4	13.347	615950	50.0
Naphthalene, de...	14.395	14.8	ug/l	182175	4	13.347	615950	50.0
1,4-Dimethylada...	14.858	14.7	ug/l	181248	4	13.347	615950	50.0