

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022365.D
 Acq On : 21 May 2025 14:21
 Operator : SY/MD
 Sample : Q2097-11
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3419

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\82Y051525S.M

Title : SW846 8260

Signal : TIC: VY022365.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.501	120	128	137	rBV3	12494	44815	3.27%	0.554%
2	4.622	468	476	492	rBV8	7323	29053	2.12%	0.359%
3	5.653	639	645	655	rVB6	4661	14585	1.06%	0.180%
4	7.646	961	972	977	rBV	184493	447365	32.65%	5.526%
5	7.713	977	983	997	rVB	329388	768602	56.09%	9.495%
6	8.067	1032	1041	1051	rBV	165191	377460	27.55%	4.663%
7	8.622	1122	1132	1144	rBV	537434	1055129	77.00%	13.034%
8	9.115	1206	1213	1219	rBV5	7125	16930	1.24%	0.209%
9	9.756	1312	1318	1328	rBV7	8498	18204	1.33%	0.225%
10	10.109	1369	1376	1384	rBV	796524	1370236	100.00%	16.927%
11	11.420	1585	1591	1604	rVB	611826	977101	71.31%	12.070%
12	11.676	1620	1633	1635	rBV10	43587	142819	10.42%	1.764%
13	12.408	1748	1753	1762	rVB	325405	521762	38.08%	6.445%
14	13.200	1875	1883	1894	rVB4	120098	455170	33.22%	5.623%
15	13.353	1902	1908	1915	rBV	236577	410377	29.95%	5.069%
16	13.670	1956	1960	1966	rBV3	60510	108119	7.89%	1.336%
17	14.054	2020	2023	2029	rBV7	20727	40019	2.92%	0.494%
18	14.176	2039	2043	2046	rBV	87630	147828	10.79%	1.826%
19	14.310	2061	2065	2067	rBV3	49272	71663	5.23%	0.885%
20	14.340	2068	2070	2074	rVB3	69780	93477	6.82%	1.155%
21	14.602	2109	2113	2118	rBV7	33656	74013	5.40%	0.914%
22	14.651	2118	2121	2127	rVB6	68681	113623	8.29%	1.404%
23	14.797	2142	2145	2148	rVB2	73266	95787	6.99%	1.183%
24	14.864	2152	2156	2160	rVB2	85541	126617	9.24%	1.564%
25	14.919	2162	2165	2167	rBV2	37998	51548	3.76%	0.637%
26	15.188	2205	2209	2216	rVB6	89659	173214	12.64%	2.140%
27	16.364	2398	2402	2416	rVB6	139128	349685	25.52%	4.320%

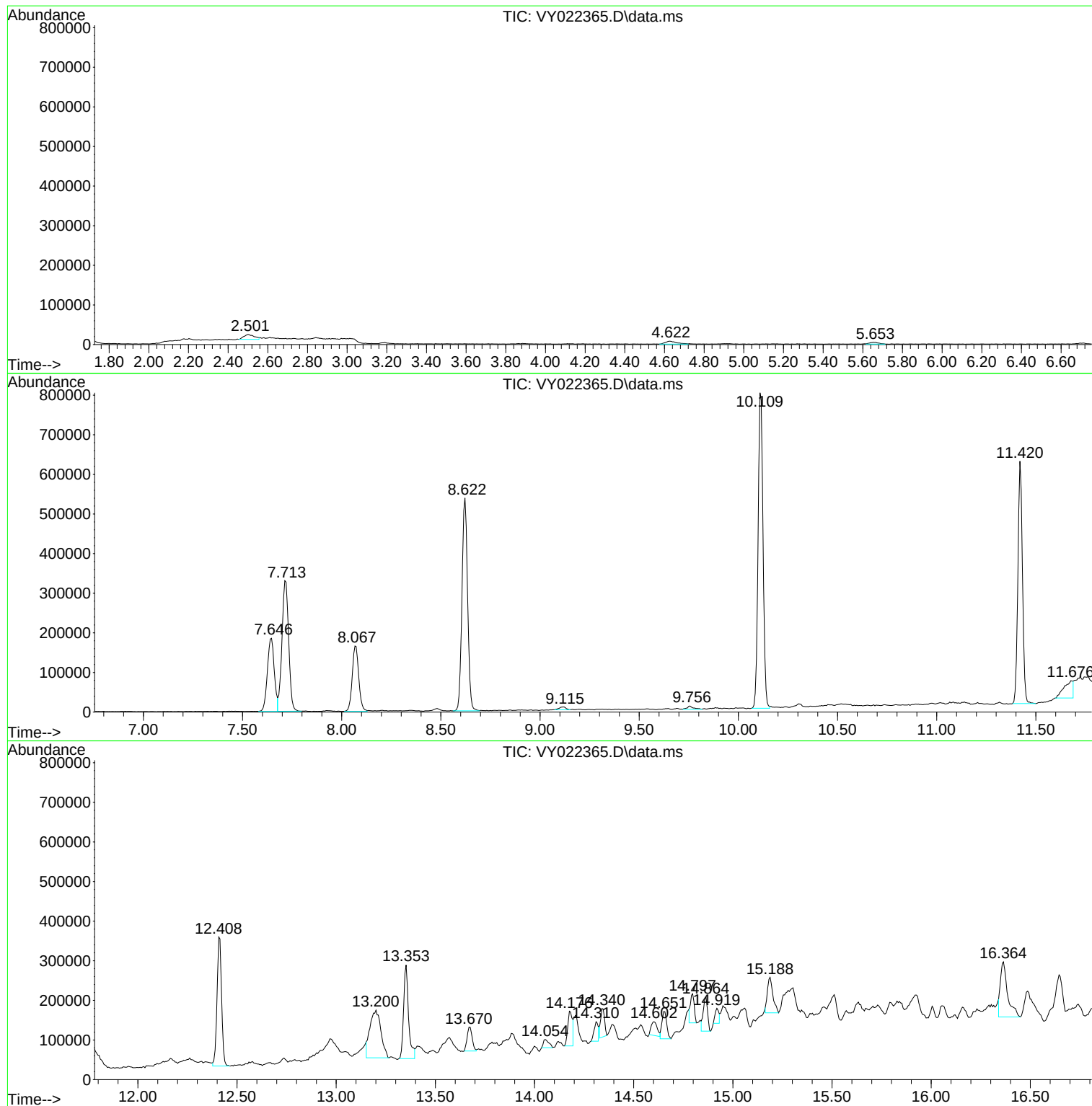
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Instrument :
MSVOA_Y
ClientSampleId :
RT3419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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



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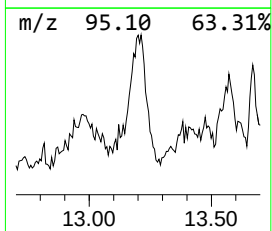
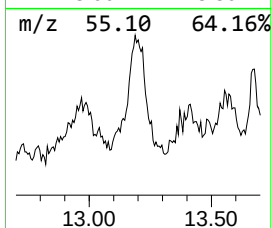
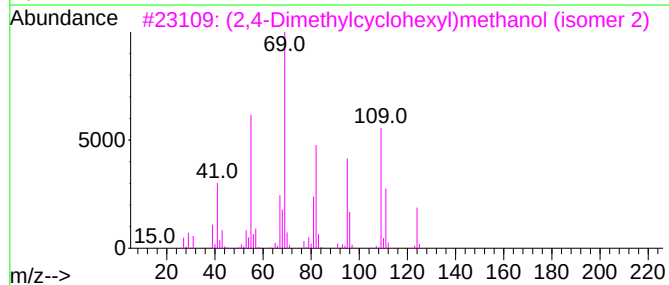
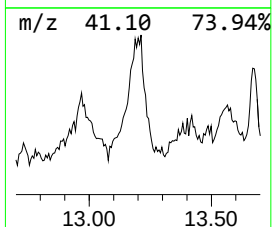
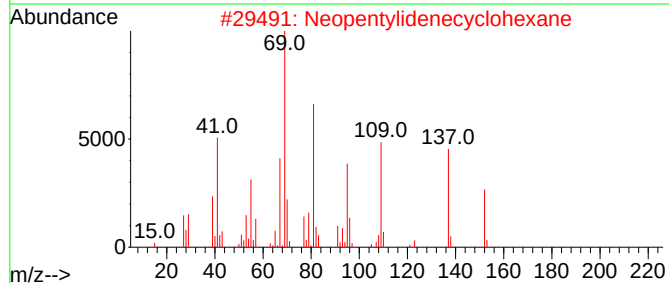
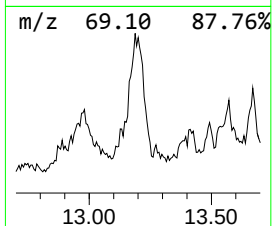
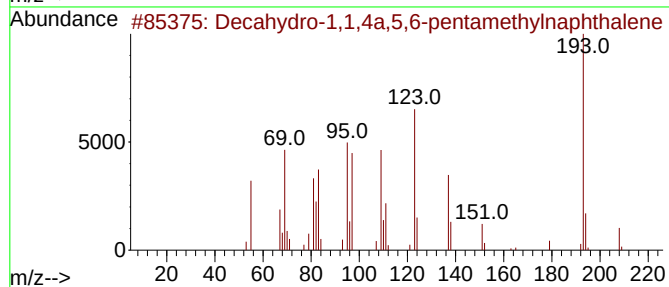
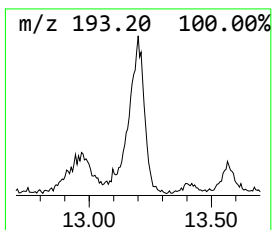
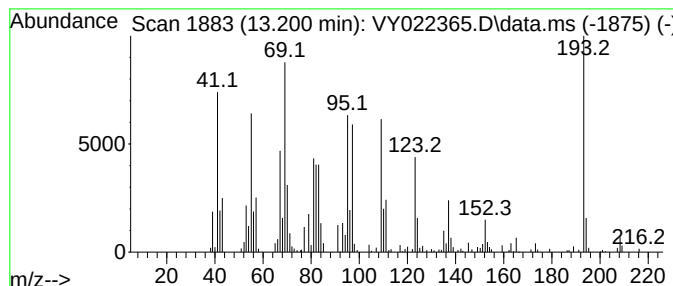
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown13.200 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.200	55.46 ug/l	455170	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	35
2			Neopentylidenecyclohexane	152	C11H20	039546-80-0	27
3			(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-7	27
4			Phosphetane, 1-chloro-2,2,3,4,4-...	194	C8H16ClOP	029276-11-7	27
5			6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	22



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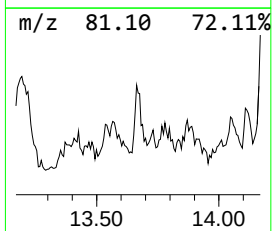
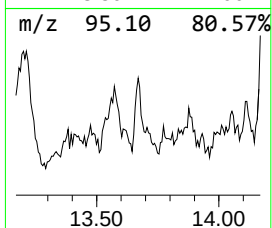
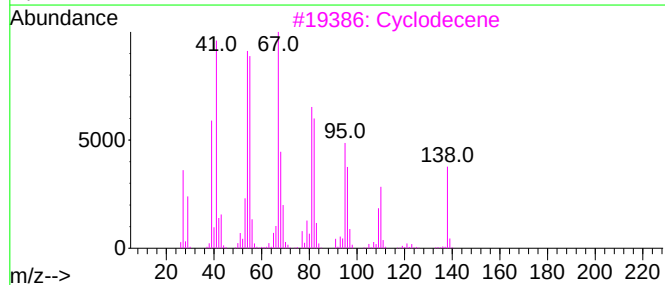
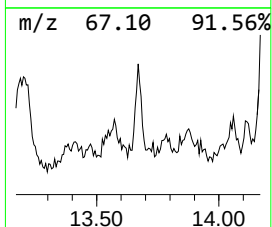
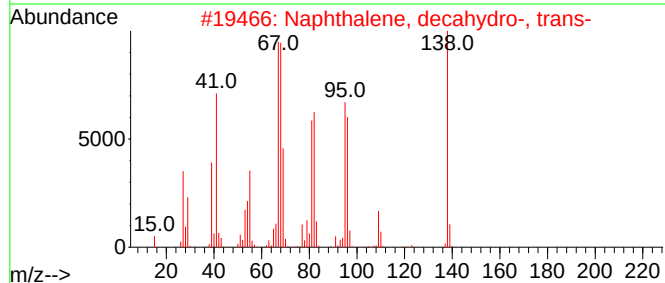
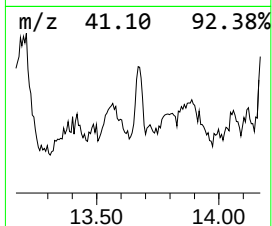
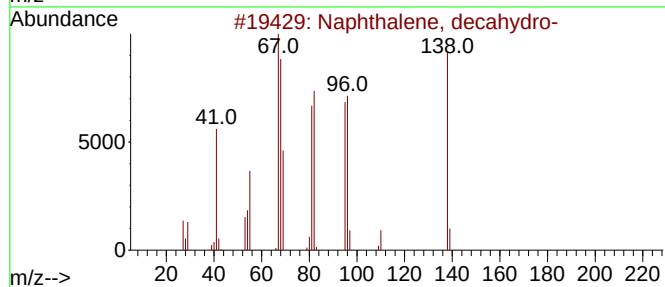
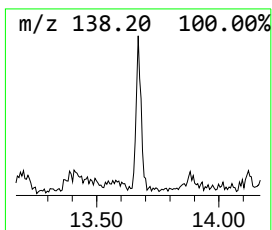
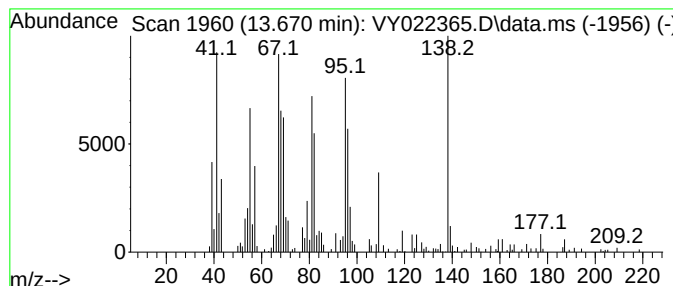
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	13.17 ug/l	108119	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
3			Cyclodecene	138	C10H18	003618-12-0	87
4			Spiro[4.5]decane	138	C10H18	000176-63-6	76
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76



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Instrument :
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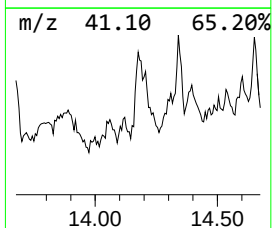
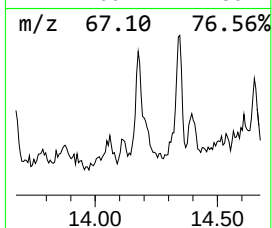
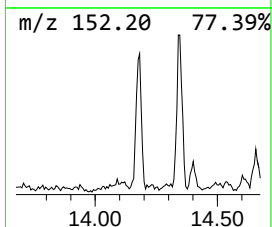
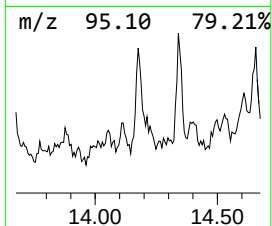
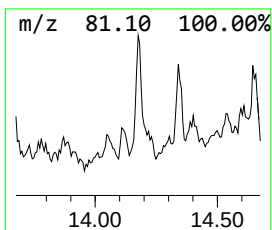
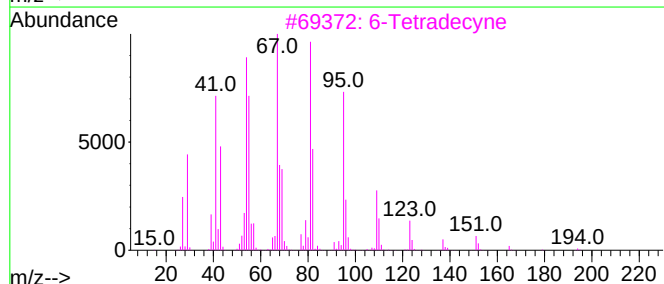
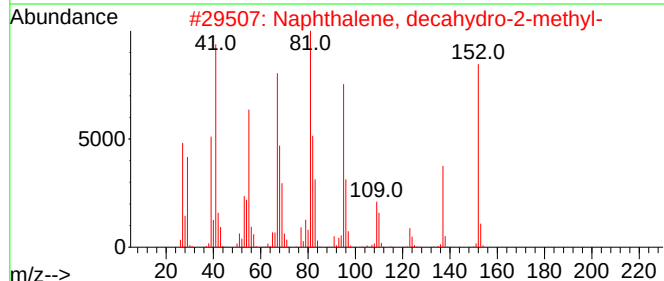
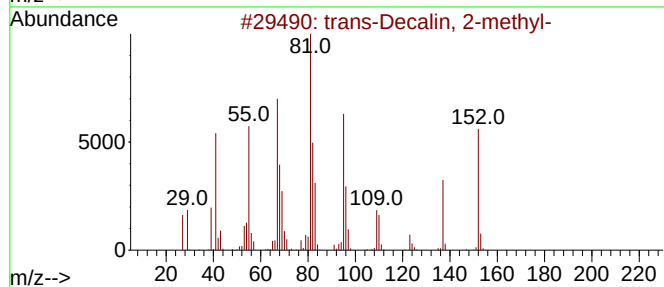
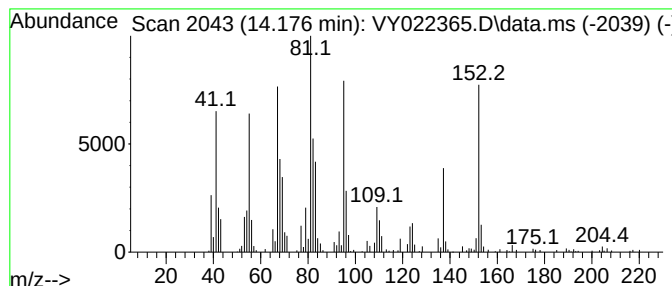
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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

Peak Number 3 trans-Decalin, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	18.01 ug/l	147828	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	96
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
3			6-Tetradecyne	194	C14H26	003730-08-3	83
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	83
5			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	83



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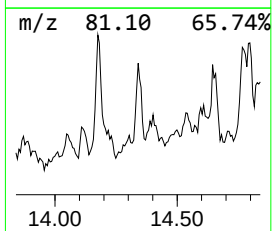
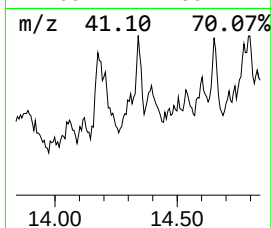
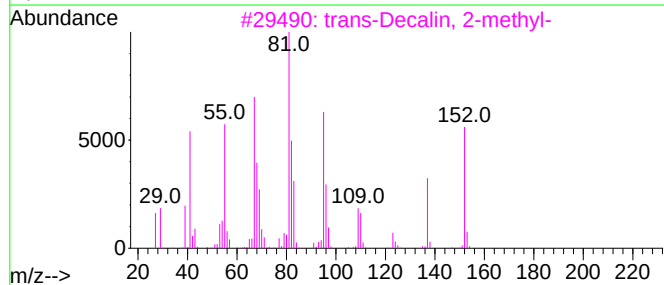
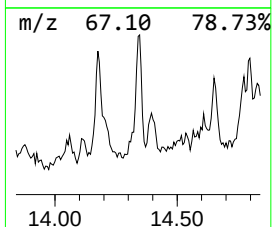
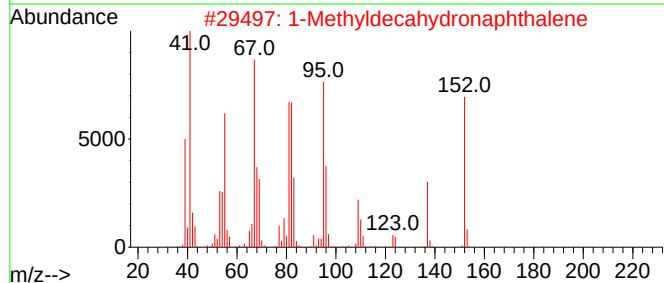
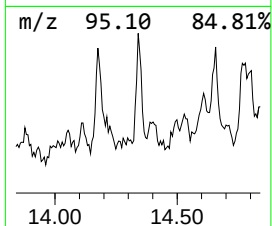
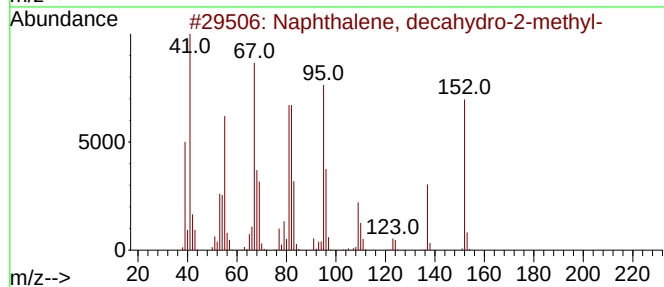
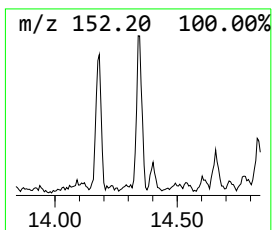
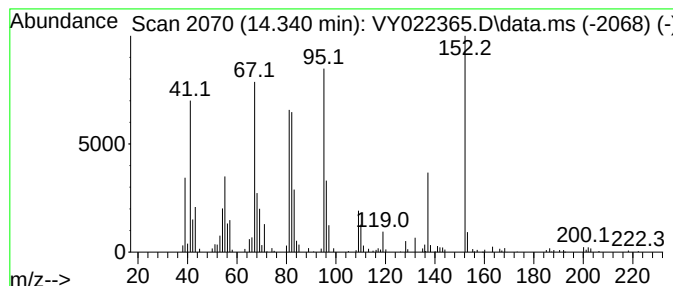
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.340	11.39 ug/l	93477	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	94
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
5			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	55



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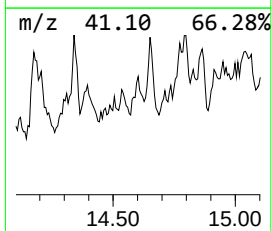
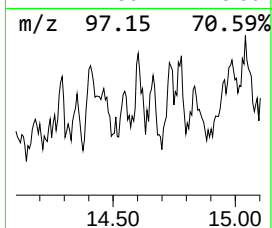
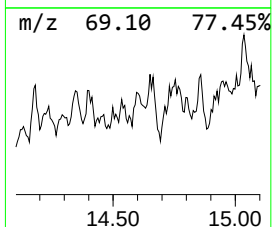
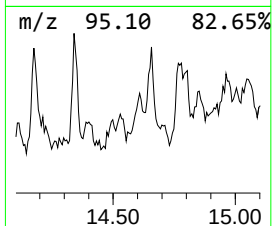
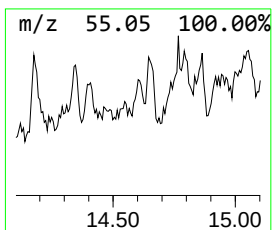
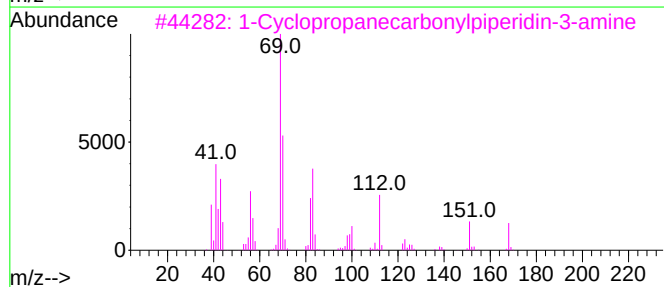
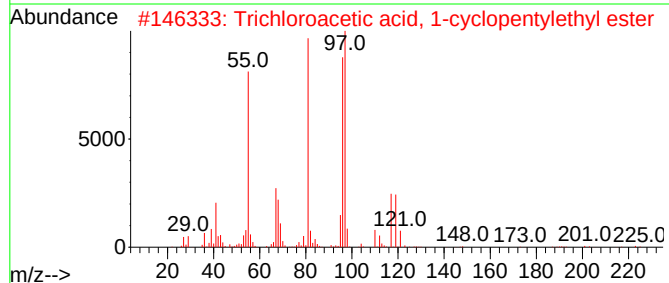
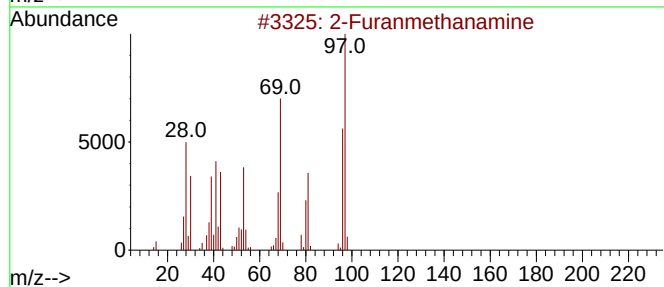
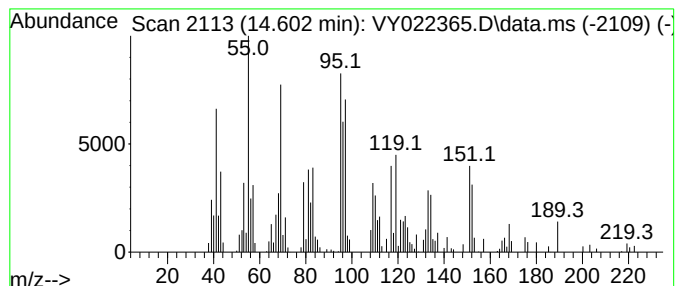
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown14.602 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	9.02 ug/l	74013	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Furanmethanamine	97	C5H7NO	000617-89-0	30
2			Trichloroacetic acid, 1-cyclopentylethyl ester	258	C9H13Cl3O2	1000282-57-1	27
3			1-Cyclopropanecarbonylpiperidin-3-amine	168	C9H16N2O	1114596-39-2	25
4			1-Cyclohexyl-2-methyl-prop-2-en-1-ol	152	C10H16O	025183-82-8	25
5			2-Cyclopenten-1-one, 2-pentyl-	152	C10H16O	025564-22-1	18



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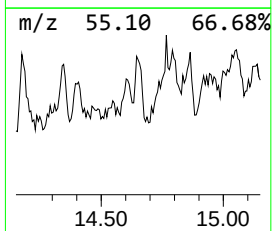
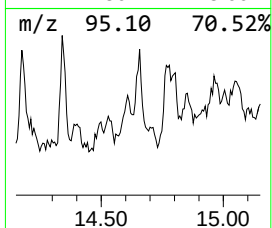
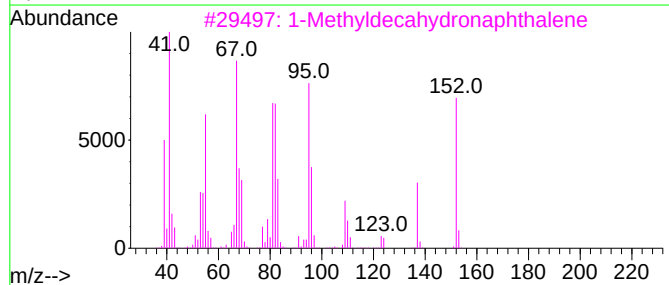
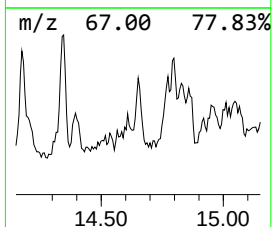
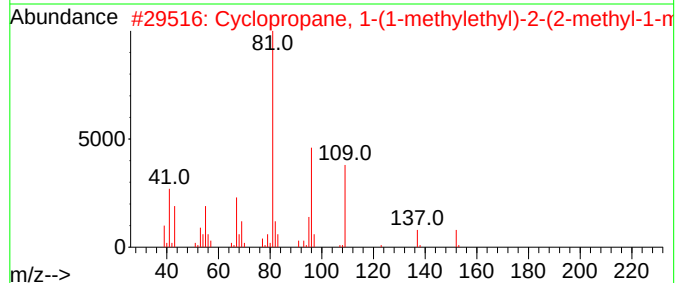
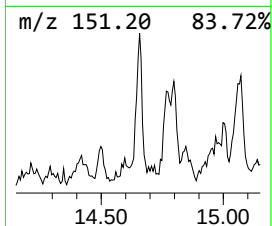
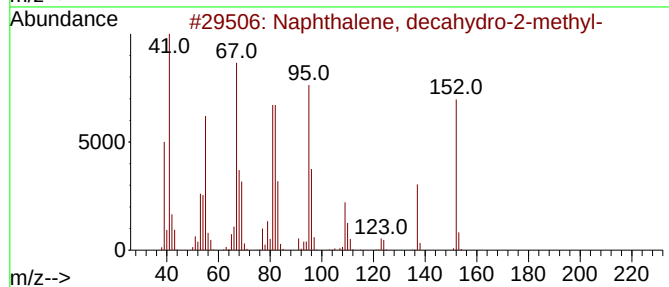
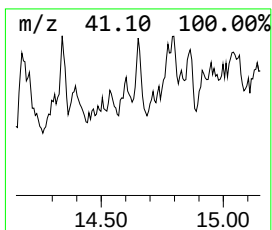
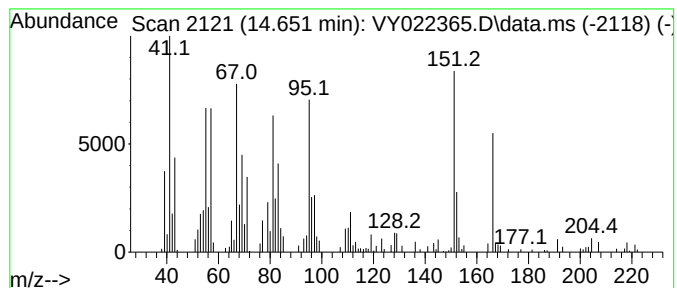
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.651 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	13.84 ug/l	113623	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43
2			Cyclopropane, 1-(1-methylethyl)-...	152	C11H20	056259-17-7	43
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	43
4			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	42
5			3a,7a-Epoxy-1H-inden-1-one, hexa...	152	C9H12O2	037079-31-5	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022365.D
Acq On : 21 May 2025 14:21
Operator : SY/MD
Sample : Q2097-11
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT3419

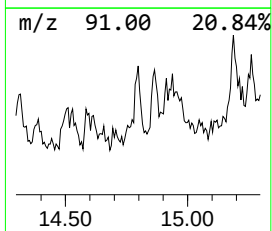
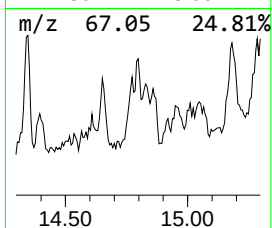
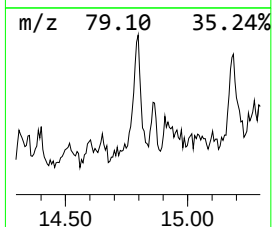
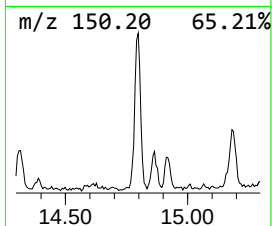
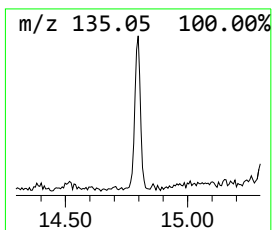
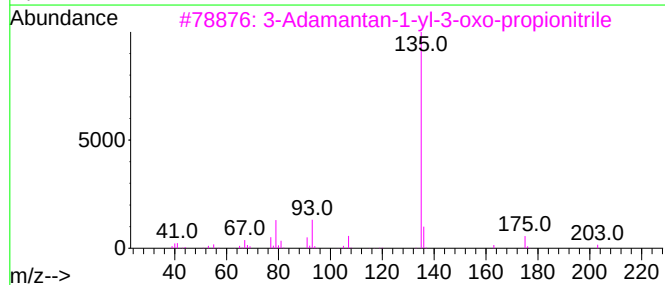
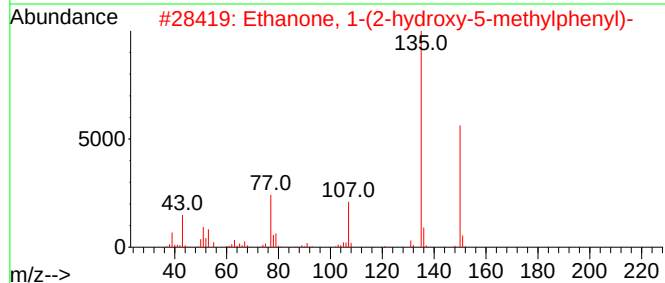
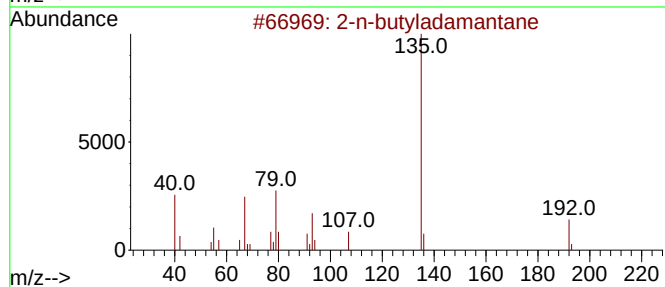
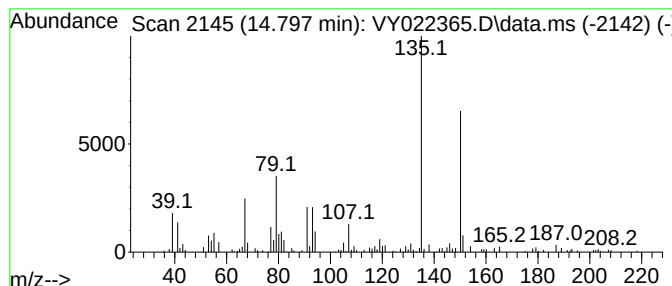
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Quant Title : SW846 8260

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

Peak Number 7 2-n-butyladamantane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.797	11.67 ug/l	95787	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-n-butyladamantane	192	C14H24	014449-43-5	59
2			Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	53
3			3-Adamantan-1-yl-3-oxo-propionit...	203	C13H17NO	1000296-74-6	52
4			4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	52
5			Benzene, 2-methoxy-1,3,5-trimethyl-	150	C10H14O	004028-66-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022365.D
Acq On : 21 May 2025 14:21
Operator : SY/MD
Sample : Q2097-11
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT3419

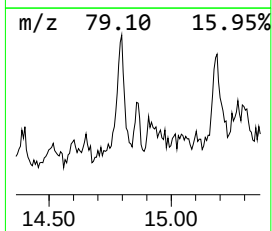
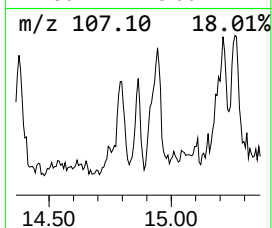
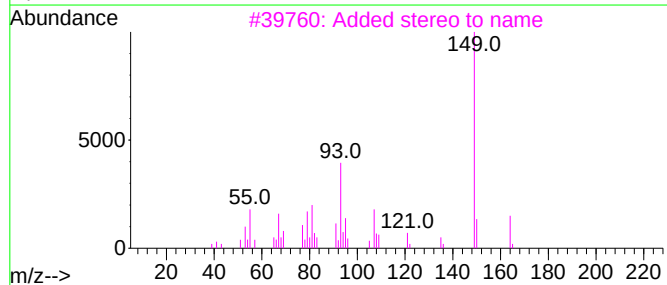
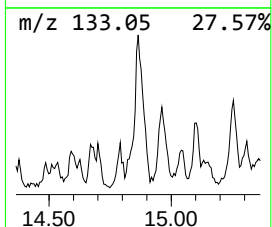
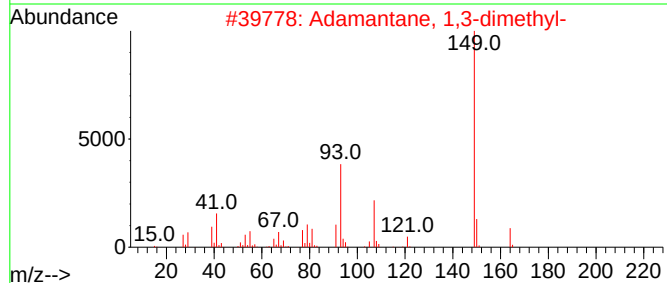
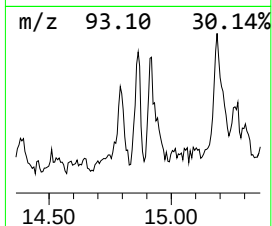
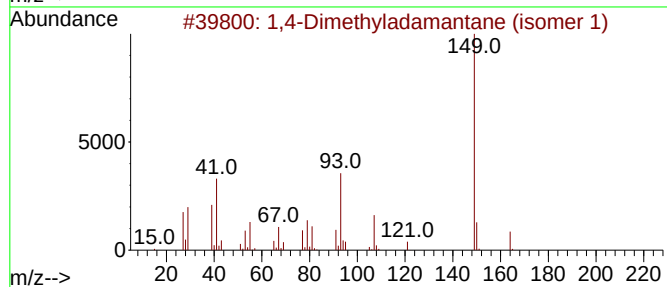
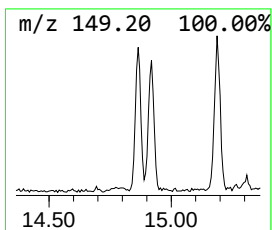
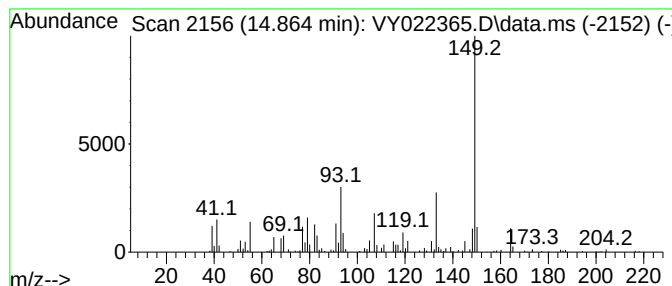
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Quant Title : SW846 8260

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

Peak Number 8 1,4-Dimethyladamantane (iso... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.864	15.43 ug/l	126617	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	70
2			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	62
3			Added stereo to name	164	C12H20	024145-88-8	62
4			Added stereo to name	164	C12H20	024145-89-9	50
5			Adamantane, 1-isothiocyanato-3-m...	207	C12H17NS	136860-48-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022365.D
Acq On : 21 May 2025 14:21
Operator : SY/MD
Sample : Q2097-11
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT3419

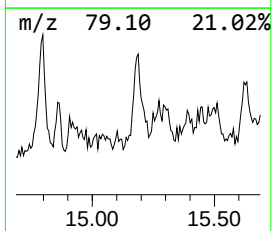
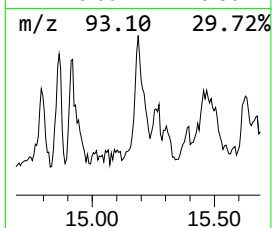
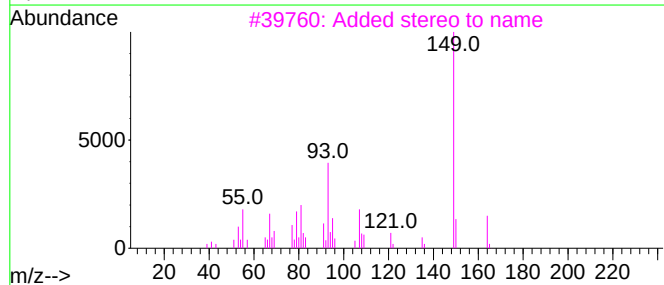
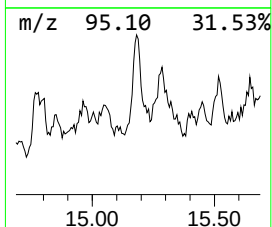
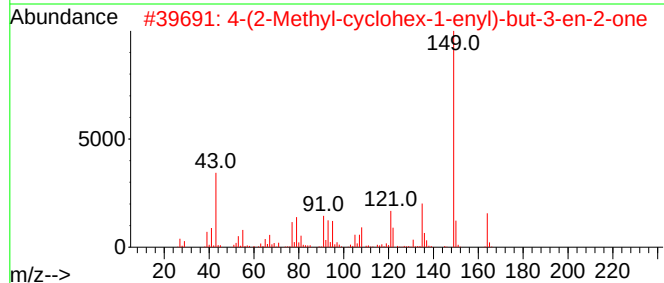
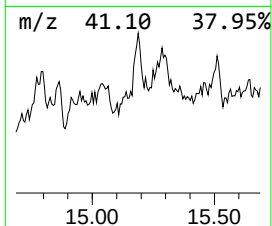
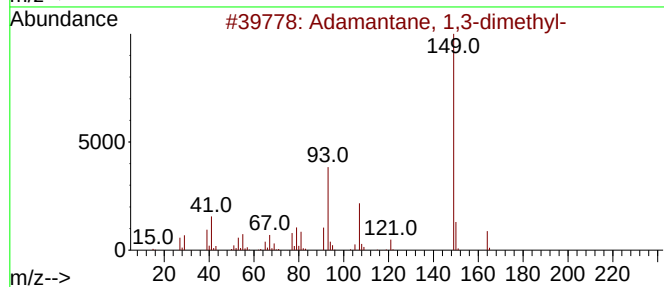
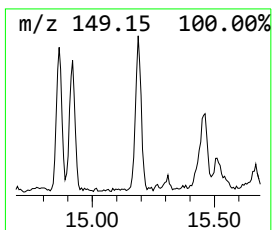
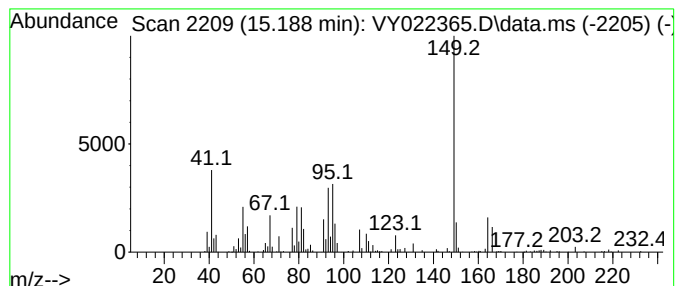
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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

Peak Number 9 Adamantane, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.188	21.10 ug/l	173214	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	72
2			4-(2-Methyl-cyclohex-1-enyl)-but...	164	C11H16O	041437-92-7	58
3			Added stereo to name	164	C12H20	024145-88-8	58
4			Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	53
5			1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022365.D
Acq On : 21 May 2025 14:21
Operator : SY/MD
Sample : Q2097-11
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT3419

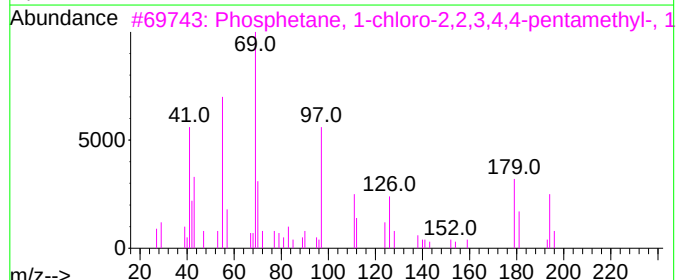
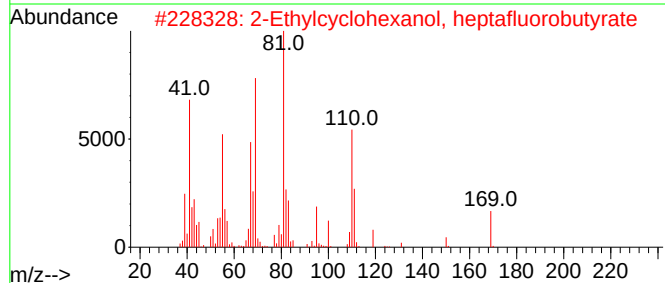
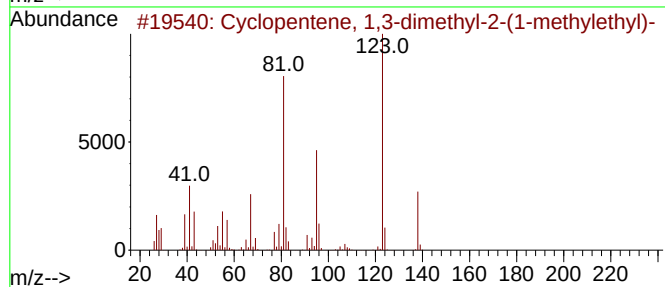
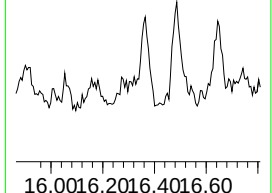
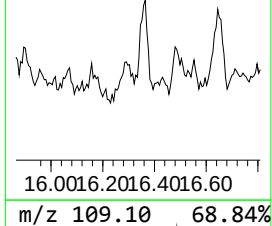
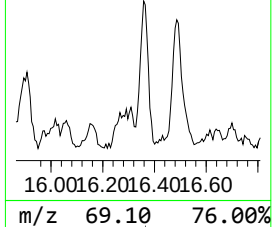
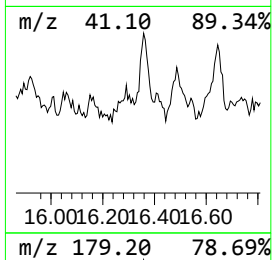
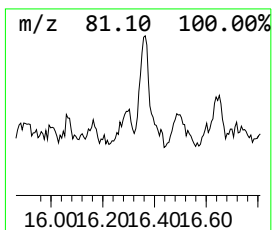
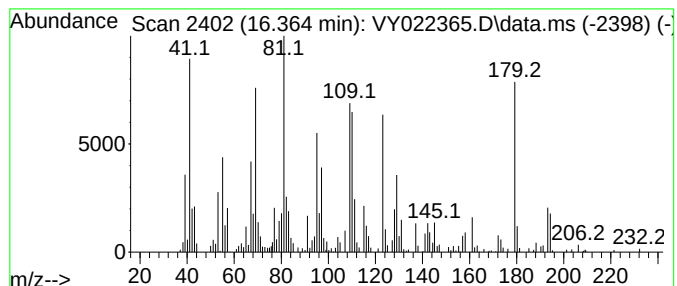
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.364 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.364	42.61 ug/l	349685	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	38
2			2-Ethylcyclohexanol, heptafluoro...	324	C12H15F7O2	959079-92-6	30
3			Phosphetane, 1-chloro-2,2,3,4,4-...	194	C8H16ClOP	029276-11-7	18
4			4-Ethylcyclohexene	110	C8H14	003742-42-5	18
5			Furan, 2,3,5-trimethyl-	110	C7H10O	010504-04-8	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022365.D
Acq On : 21 May 2025 14:21
Operator : SY/MD
Sample : Q2097-11
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT3419

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.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
unknown13.200	13.200	55.5	ug/l	455170	4	13.352	410377	50.0
Naphthalene, de...	13.669	13.2	ug/l	108119	4	13.352	410377	50.0
trans-Decalin, ...	14.176	18.0	ug/l	147828	4	13.352	410377	50.0
Naphthalene, de...	14.340	11.4	ug/l	93477	4	13.352	410377	50.0
unknown14.602	14.602	9.0	ug/l	74013	4	13.352	410377	50.0
unknown14.651	14.651	13.8	ug/l	113623	4	13.352	410377	50.0
2-n-butyladaman...	14.797	11.7	ug/l	95787	4	13.352	410377	50.0
1,4-Dimethylada...	14.864	15.4	ug/l	126617	4	13.352	410377	50.0
Adamantane, 1,3...	15.188	21.1	ug/l	173214	4	13.352	410377	50.0
unknown16.364	16.364	42.6	ug/l	349685	4	13.352	410377	50.0