

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077394.D
 Acq On : 24 Oct 2023 15:00
 Operator : JC/SY
 Sample : 05011-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200027

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_D\Method\82D101723S.M
 Title : SW846 8260

Signal : TIC: VD077394.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	19	27	44	rVB	1159430	1953125	100.00%	38.875%
2	4.804	539	547	555	rVB4	8622	26207	1.34%	0.522%
3	7.810	1046	1058	1063	rBV	72447	170394	8.72%	3.392%
4	7.875	1063	1069	1081	rVB	109461	246837	12.64%	4.913%
5	8.228	1121	1129	1140	rVB3	59242	136340	6.98%	2.714%
6	8.781	1214	1223	1232	rBV	164588	345475	17.69%	6.876%
7	10.269	1470	1476	1485	rBV	50385	93961	4.81%	1.870%
8	11.581	1692	1699	1708	rBV2	107338	188407	9.65%	3.750%
9	12.092	1779	1786	1791	rBV6	9383	21049	1.08%	0.419%
10	12.298	1810	1821	1822	rBV5	10723	20340	1.04%	0.405%
11	12.428	1833	1843	1850	rBV6	17943	46834	2.40%	0.932%
12	12.575	1862	1868	1873	rBV2	70211	118265	6.06%	2.354%
13	12.633	1873	1878	1882	rBV6	17098	33008	1.69%	0.657%
14	12.739	1891	1896	1902	rVB4	30020	56872	2.91%	1.132%
15	12.816	1902	1909	1916	rBV7	12999	41589	2.13%	0.828%
16	12.904	1918	1924	1930	rVV8	26001	76749	3.93%	1.528%
17	12.980	1933	1937	1943	rVV4	26494	60297	3.09%	1.200%
18	13.233	1974	1980	1982	rBV7	12145	22996	1.18%	0.458%
19	13.410	2004	2010	2015	rVB5	28822	56045	2.87%	1.116%
20	13.516	2022	2028	2036	rVB	88924	169724	8.69%	3.378%
21	13.592	2036	2041	2045	rBV6	15936	33394	1.71%	0.665%
22	13.657	2048	2052	2057	rVB6	22049	38232	1.96%	0.761%
23	13.792	2070	2075	2078	rBV6	12153	22035	1.13%	0.439%
24	13.839	2078	2083	2088	rVV4	48187	81239	4.16%	1.617%
25	14.051	2113	2119	2125	rBV4	21105	42570	2.18%	0.847%
26	14.227	2144	2149	2156	rBV10	21461	44018	2.25%	0.876%
27	14.345	2164	2169	2182	rBV6	72925	166350	8.52%	3.311%
28	14.516	2185	2198	2202	rBV5	49727	126757	6.49%	2.523%
29	14.563	2202	2206	2214	rVB5	30864	67513	3.46%	1.344%
30	14.822	2246	2250	2257	rVB8	35977	63912	3.27%	1.272%
31	14.939	2266	2270	2272	rBV4	31511	45909	2.35%	0.914%
32	15.033	2281	2286	2291	rVB6	34936	64500	3.30%	1.284%
33	15.098	2292	2297	2298	rBV5	23644	36932	1.89%	0.735%
34	15.374	2340	2344	2347	rBV5	24459	46520	2.38%	0.926%
35	15.545	2369	2373	2376	rBV6	17052	31261	1.60%	0.622%
36	16.592	2547	2551	2557	rVB5	114099	228473	11.70%	4.548%

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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_D\Method\82D101723S.M
Title : SW846 8260

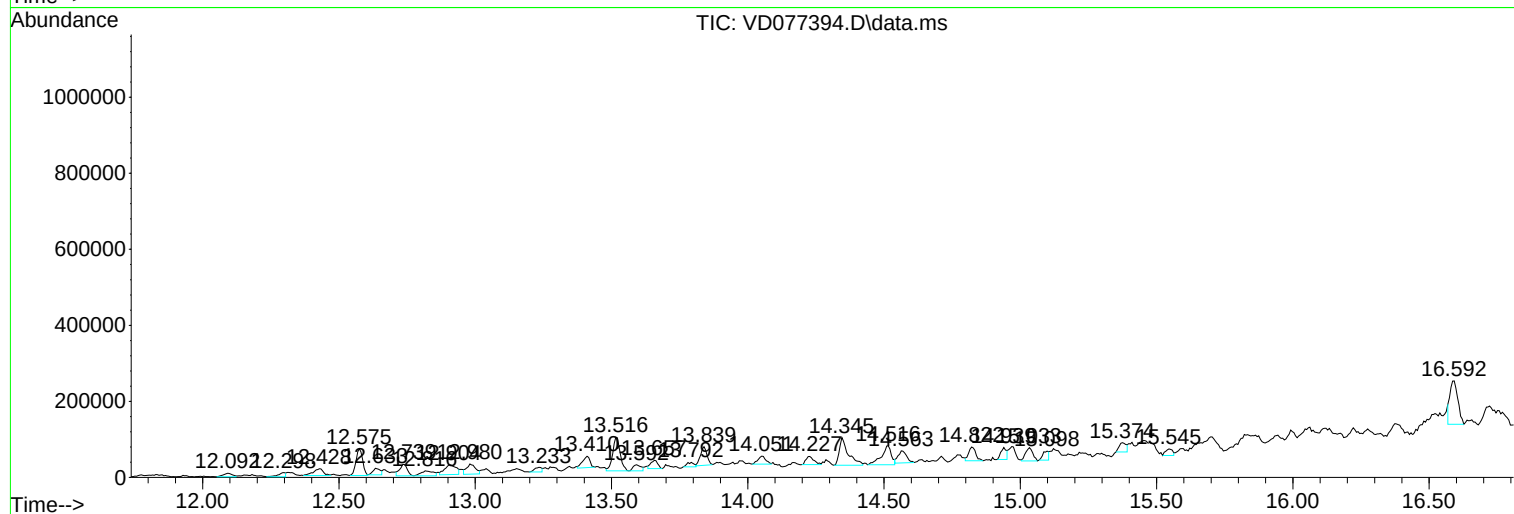
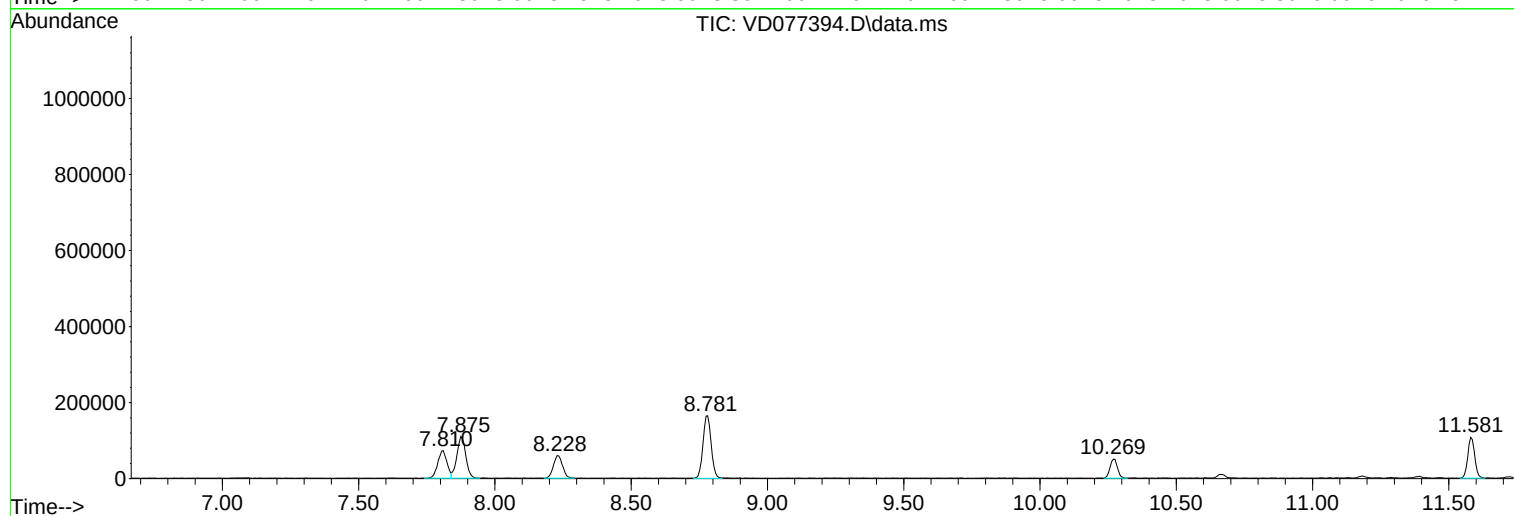
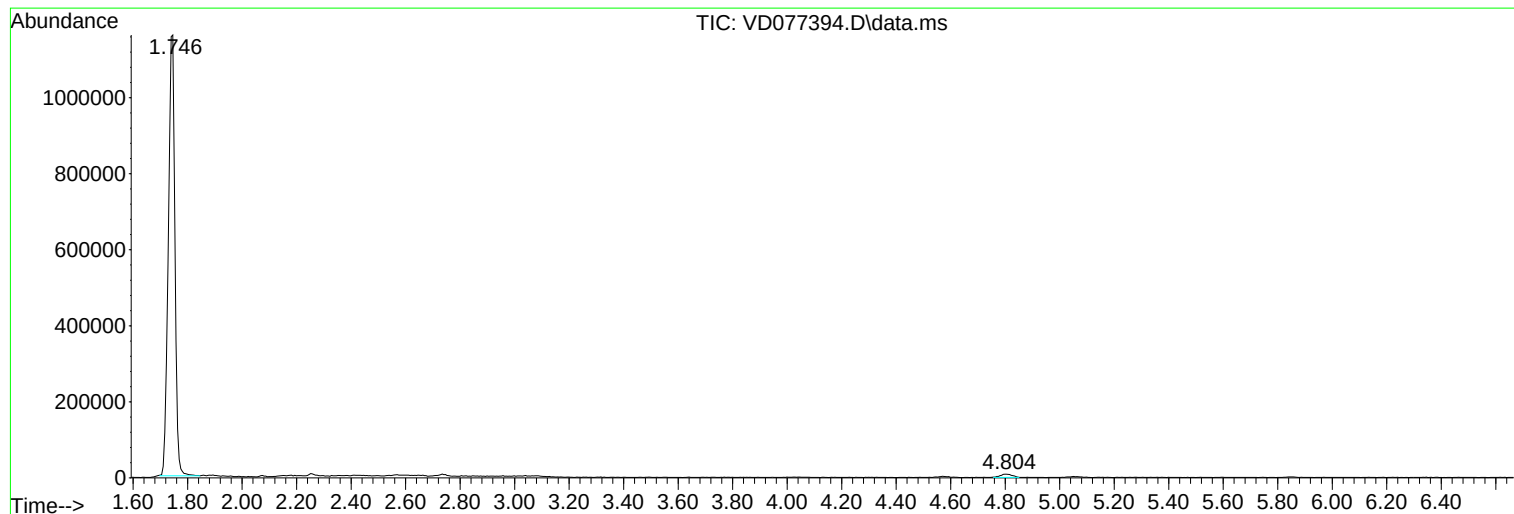
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260

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



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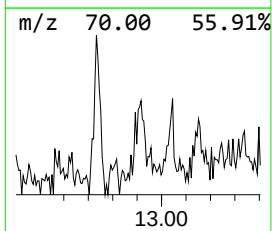
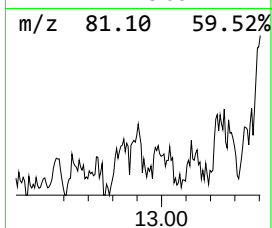
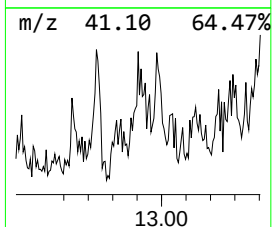
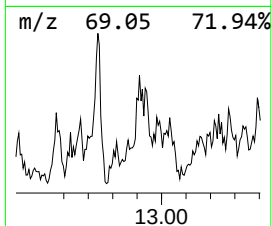
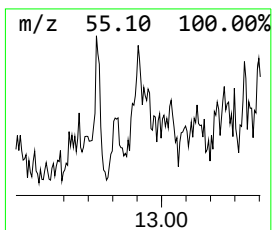
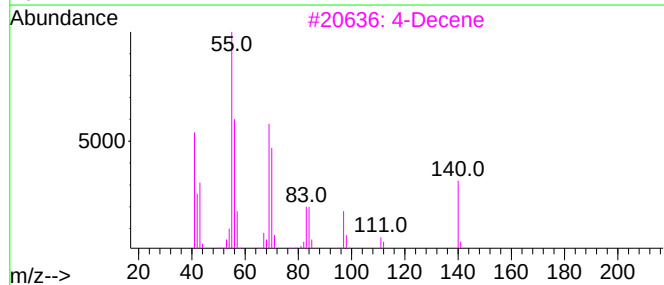
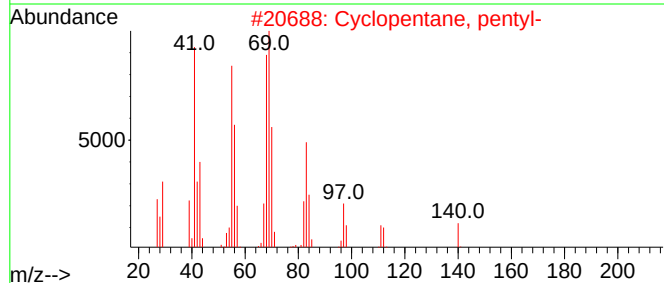
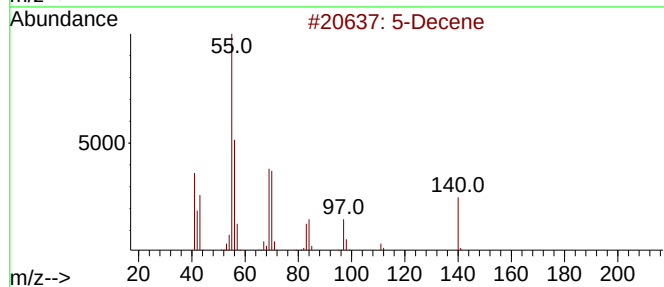
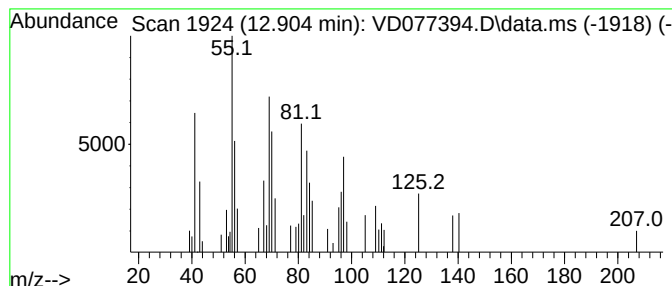
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260

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

Peak Number 2 5-Decene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.904	22.61 ug/l	76749	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Decene	140	C10H20	019689-19-1	55
2			Cyclopentane, pentyl-	140	C10H20	003741-00-2	50
3			4-Decene	140	C10H20	019689-18-0	50
4			5-Decene, (E)-	140	C10H20	007433-56-9	49
5			Carbonochloridic acid, decyl ester	220	C11H21ClO2	055488-51-2	49



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Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

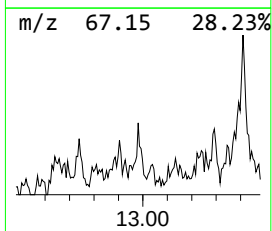
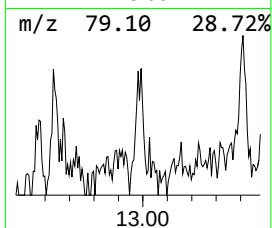
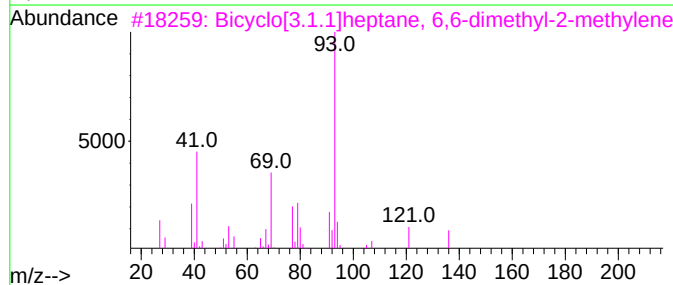
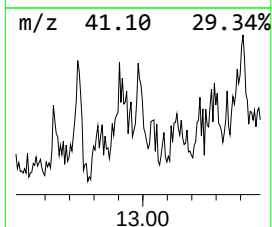
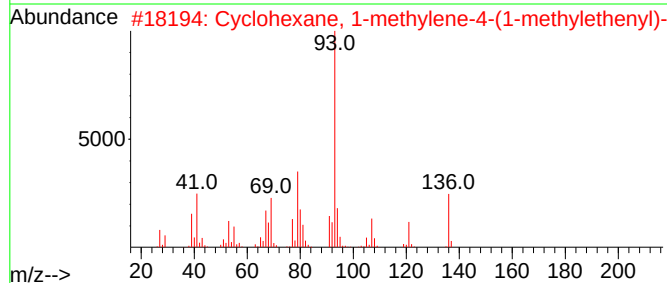
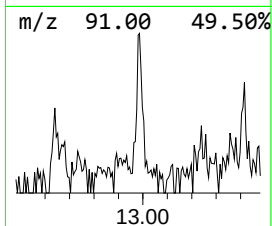
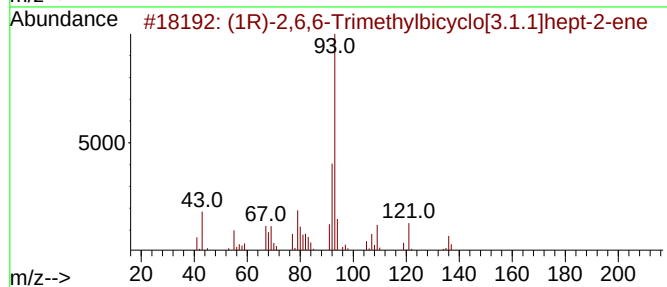
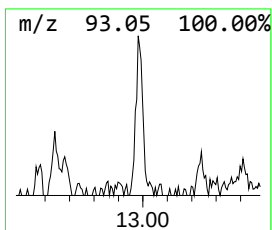
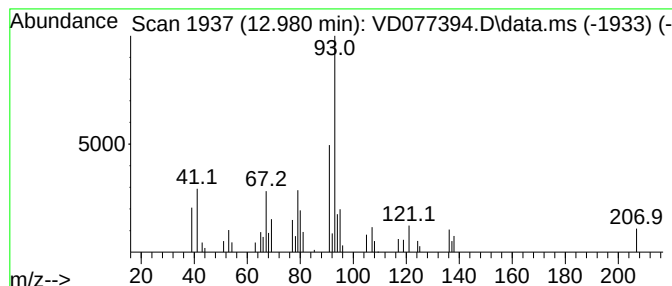
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
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Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	17.76 ug/l	60297	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	87
2			Cyclohexane, 1-methylene-4-(1-methylethenyl)-	136	C10H16	000499-97-8	81
3			Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-	136	C10H16	018172-67-3	64
4			Bicyclo[3.1.0]hexane, 4-methylene-	136	C10H16	003387-41-5	58
5			.alpha.-Pinene	136	C10H16	000080-56-8	58



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Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

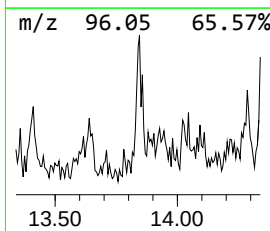
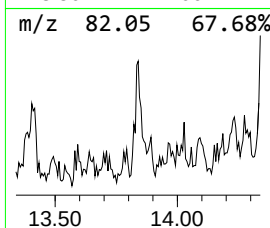
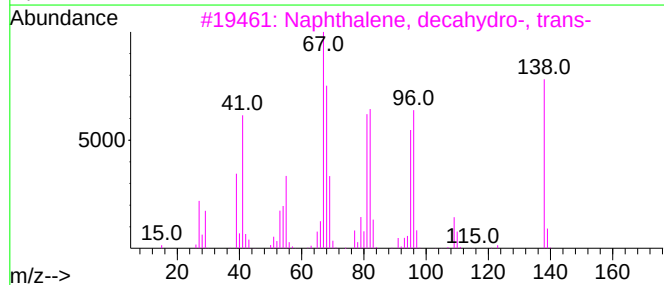
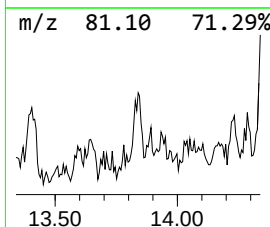
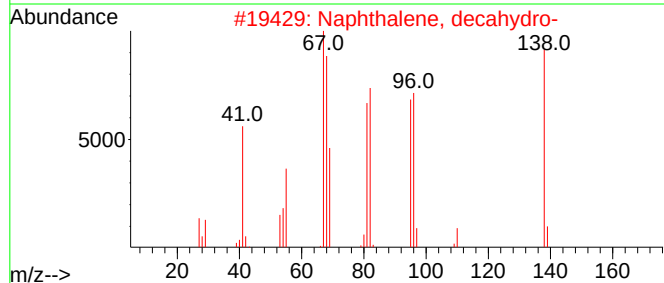
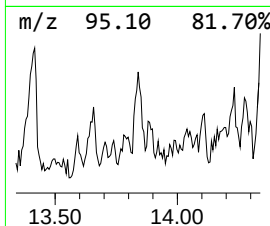
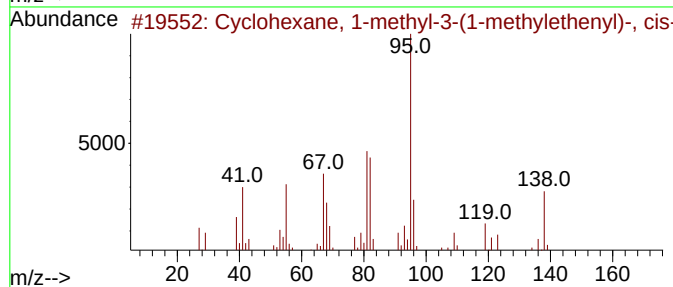
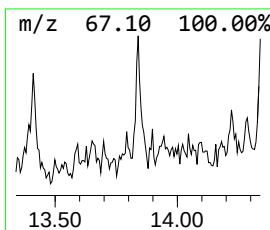
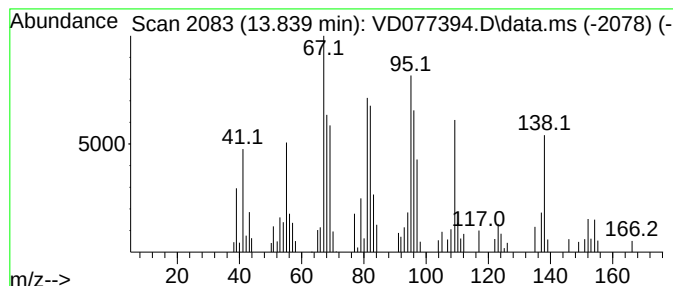
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1-methyl-3-(1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	23.93 ug/l	81239	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	93
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	81
4			cis-Dihydrocarvone	152	C10H16O	003792-53-8	70
5			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	60



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ALS Vial : 11 Sample Multiplier: 1

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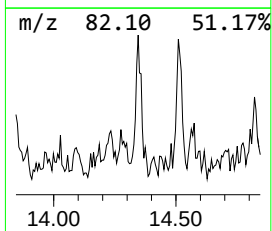
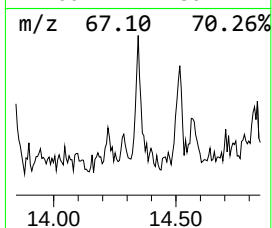
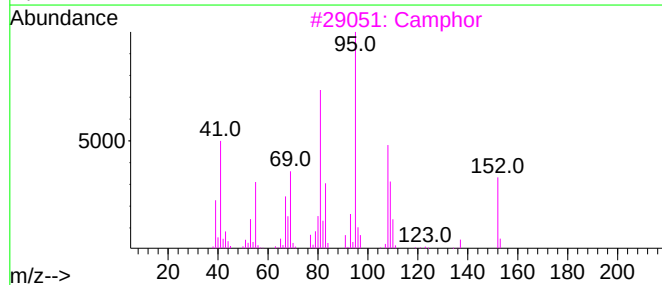
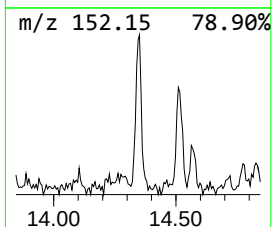
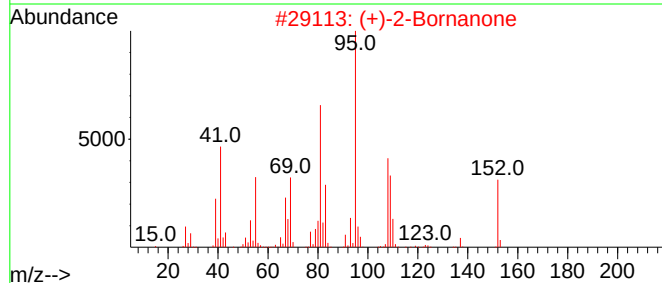
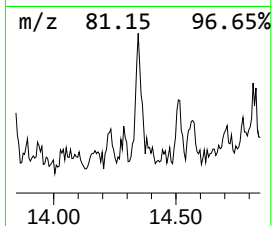
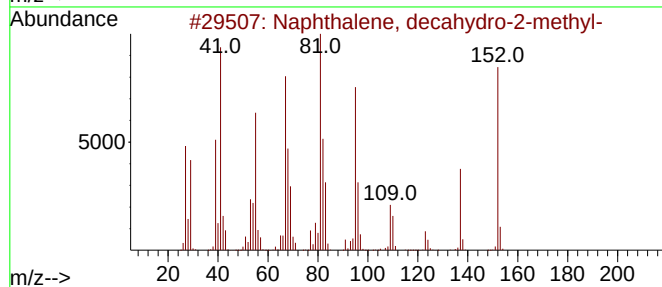
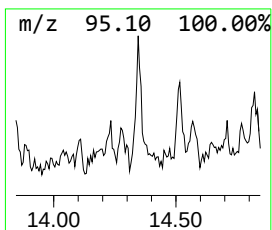
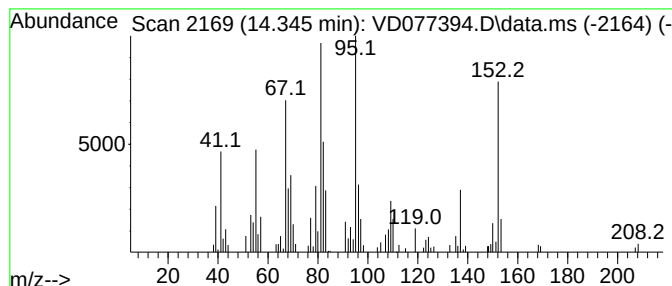
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	49.01 ug/l	166350	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2			(+)-2-Bornanone	152	C10H16O	000464-49-3	81
3			Camphor	152	C10H16O	000076-22-2	74
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	72
5			Pulegone	152	C10H16O	000089-82-7	70



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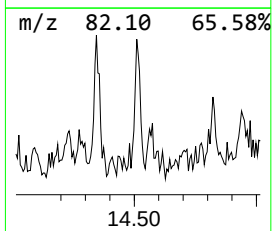
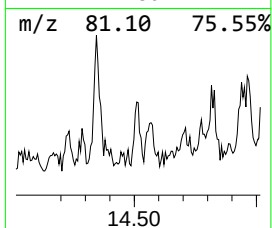
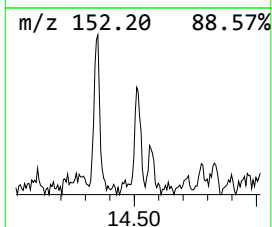
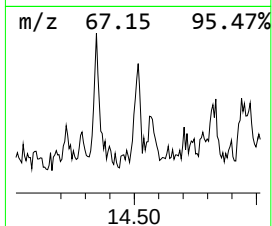
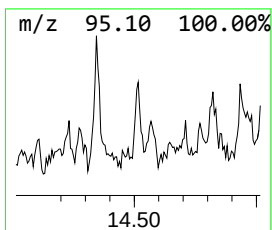
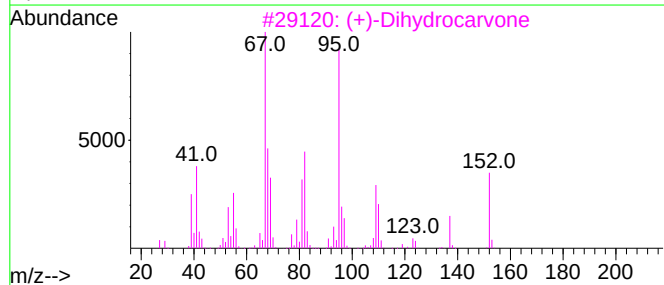
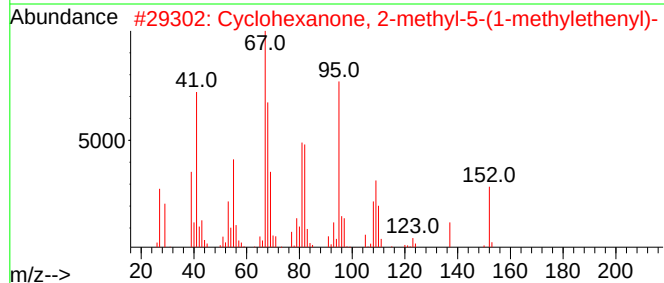
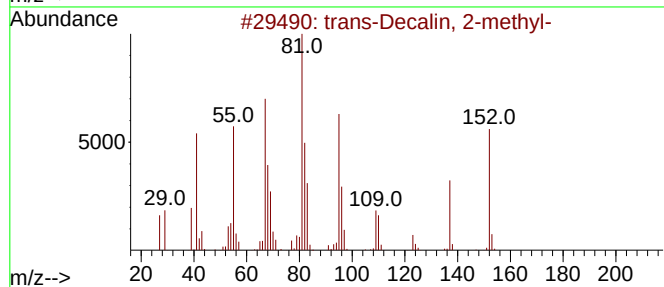
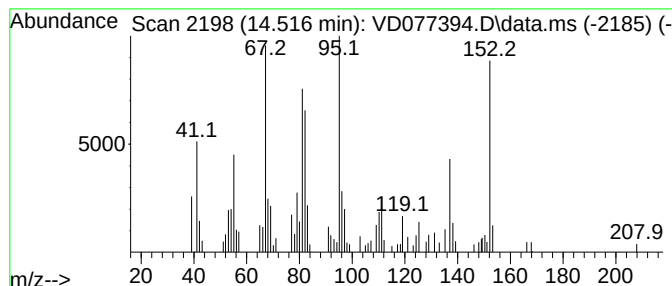
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 trans-Decalin, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.516	37.34 ug/l	126757	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
2			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	68
3			(+)-Dihydrocarvone	152	C10H16O	005524-05-0	68
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077394.D
Acq On : 24 Oct 2023 15:00
Operator : JC/SY
Sample : 05011-01
Misc : 5.08G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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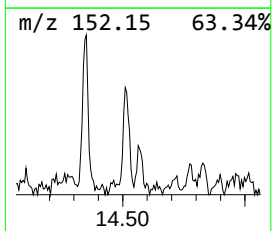
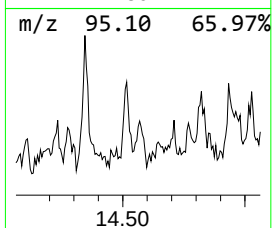
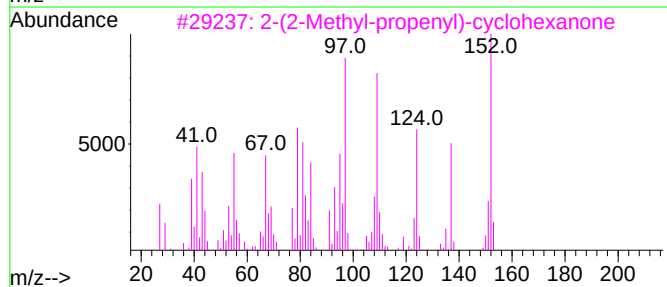
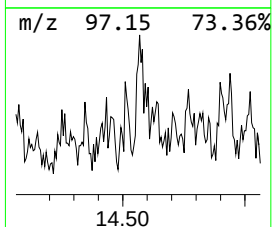
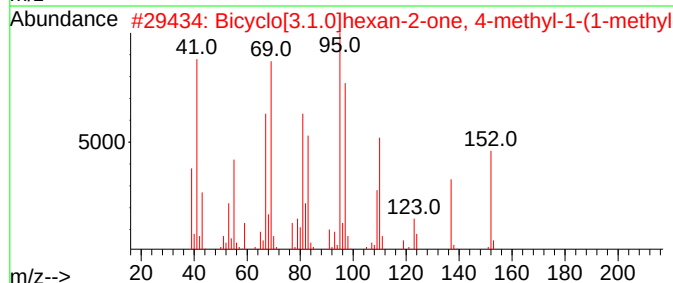
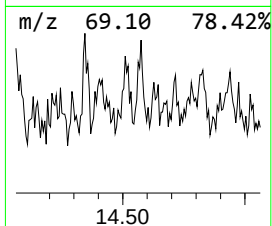
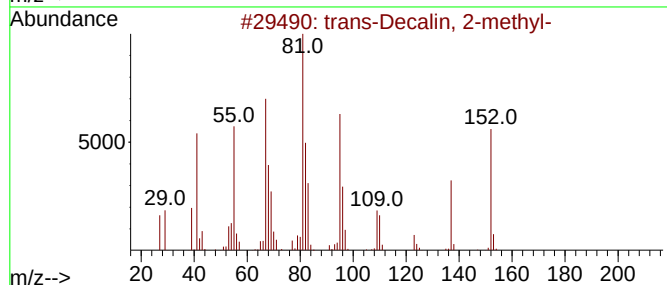
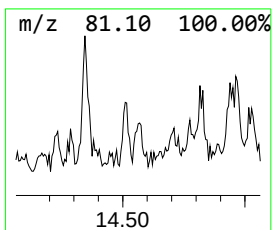
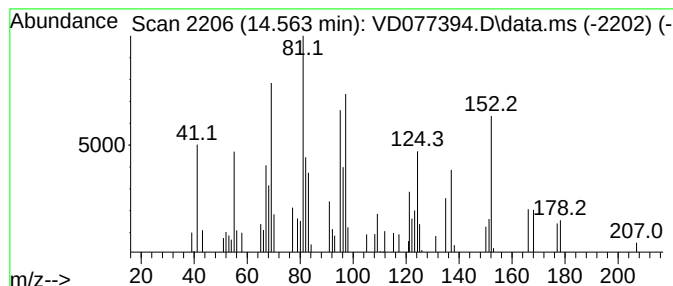
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.563 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	19.89 ug/l	67513	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	50
2			Bicyclo[3.1.0]hexan-2-one, 4-met...	152	C10H16O	002506-61-8	43
3			2-(2-Methyl-propenyl)-cyclohexanone	152	C10H16O	065737-44-2	38
4			1-Cyclopentylethanol, trifluoroa...	210	C9H13F3O2	1000364-11-9	27
5			3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077394.D
Acq On : 24 Oct 2023 15:00
Operator : JC/SY
Sample : 05011-01
Misc : 5.08G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

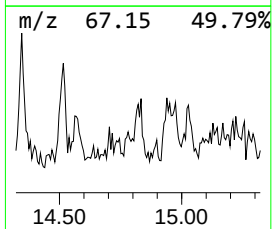
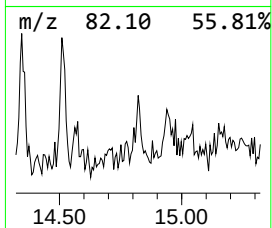
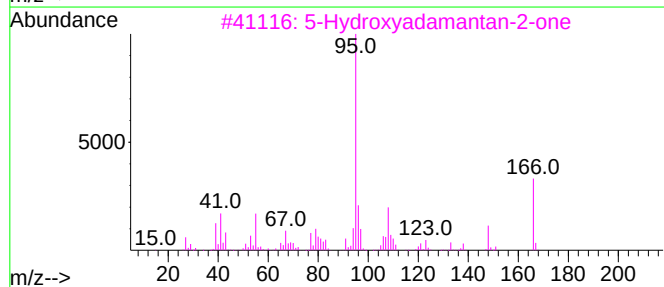
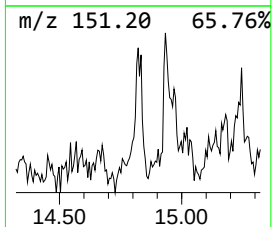
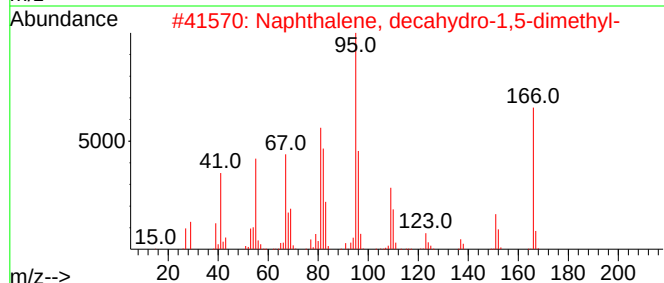
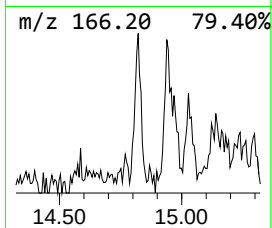
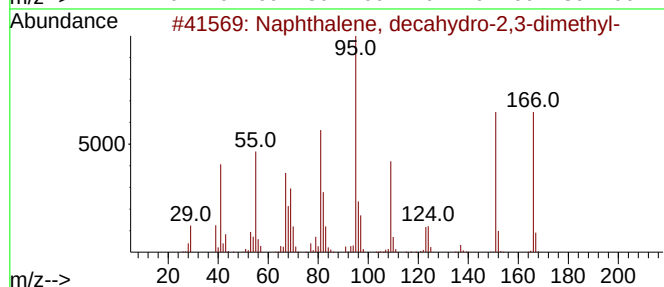
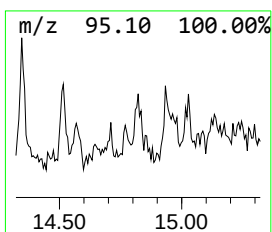
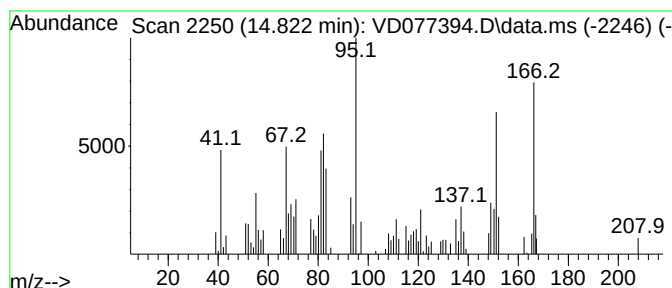
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro-2,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	18.83 ug/l	63912	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	58
2			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	52
3			5-Hydroxyadamantan-2-one	166	C10H14O2	020098-14-0	30
4			Cyclopentane, pentylidene-	138	C10H18	053366-55-5	25
5			2-(tert-Butyl)benzenethiol, S-ac...	208	C12H16OS	1000467-00-0	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077394.D
Acq On : 24 Oct 2023 15:00
Operator : JC/SY
Sample : 05011-01
Misc : 5.08G/5.0ml/MSVOA_D/soil
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

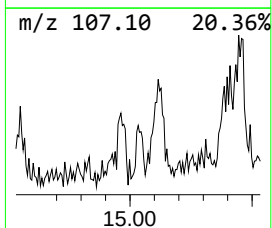
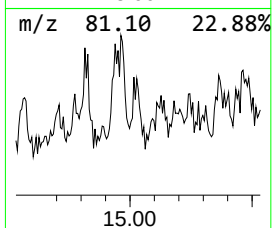
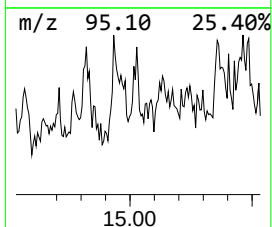
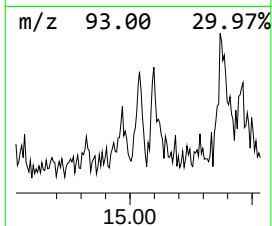
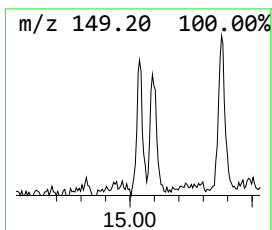
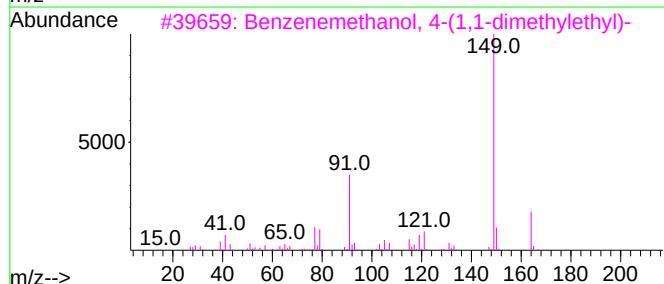
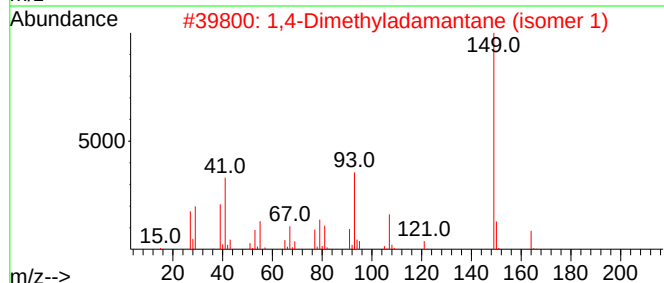
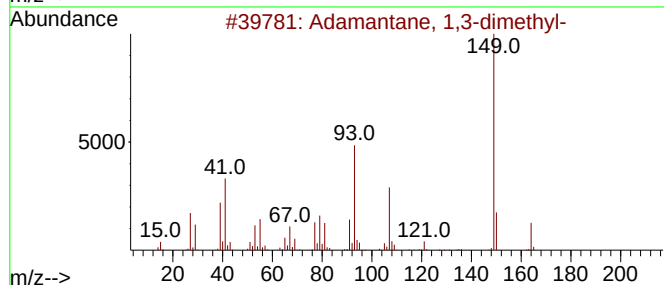
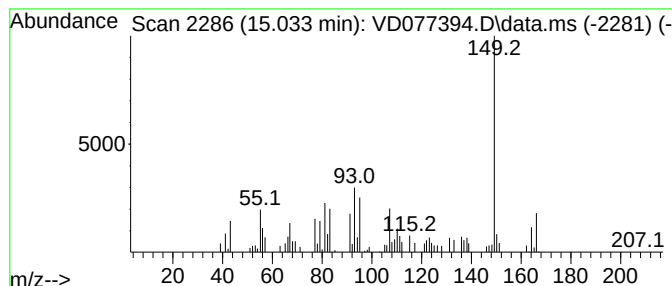
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Quant Title : SW846 8260

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

Peak Number 9 Adamantane, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.033	19.00 ug/l	64500	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	58
2			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	52
3			Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	43
4			Pyridine, pentamethyl-	149	C10H15N	003748-83-2	38
5			Added stereo to name	164	C12H20	024145-88-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077394.D
Acq On : 24 Oct 2023 15:00
Operator : JC/SY
Sample : 05011-01
Misc : 5.08G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

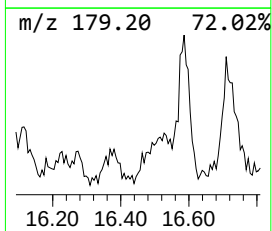
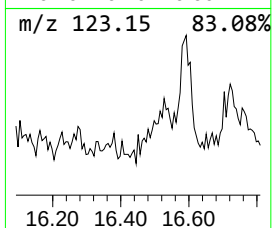
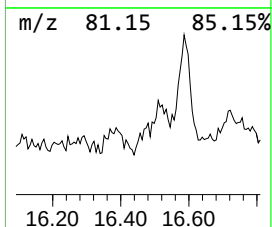
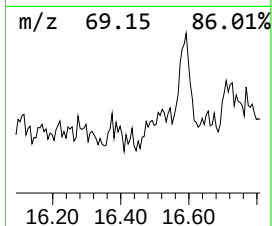
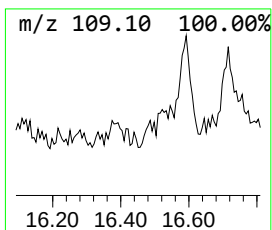
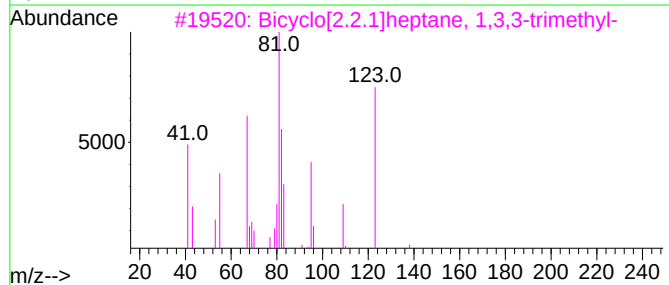
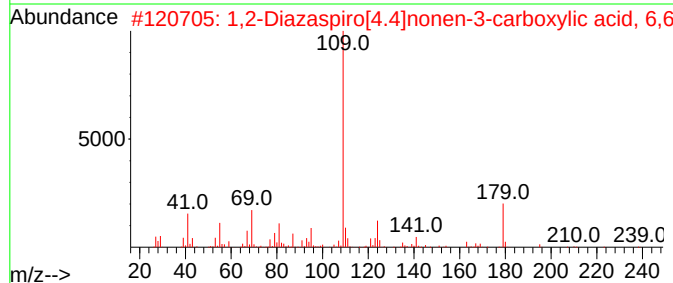
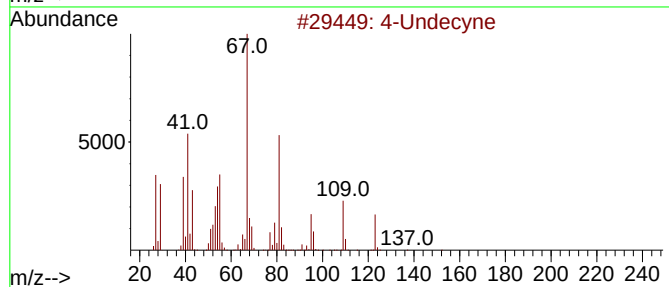
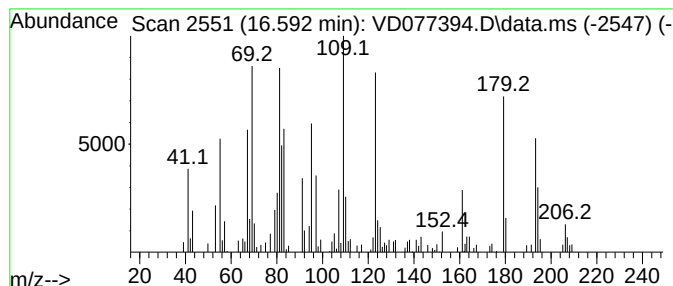
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.592 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.592	67.31 ug/l	228473	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Undecyne	152	C11H20	060212-31-9	43
2			1,2-Diazaspiro[4.4]nonen-3-carbo...	238	C13H22N2O2	1000164-25-8	35
3			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	30
4			trans-1,3,3-trimethylbicyclo[3.1...	152	C10H16O	1000365-94-1	25
5			Longipinane, (E)-	206	C15H26	1000156-14-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077394.D
Acq On : 24 Oct 2023 15:00
Operator : JC/SY
Sample : 05011-01
Misc : 5.08G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.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
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(1R)-2,6,6-Trim...	12.980	17.8	ug/l	60297	4	13.522	169724	50.0
Cyclohexane, 1-...	13.839	23.9	ug/l	81239	4	13.522	169724	50.0
Naphthalene, de...	14.345	49.0	ug/l	166350	4	13.522	169724	50.0
trans-Decalin, ...	14.516	37.3	ug/l	126757	4	13.522	169724	50.0
unknown14.563	14.563	19.9	ug/l	67513	4	13.522	169724	50.0
Naphthalene, de...	14.822	18.8	ug/l	63912	4	13.522	169724	50.0
Adamantane, 1,3...	15.033	19.0	ug/l	64500	4	13.522	169724	50.0
unknown16.592	16.592	67.3	ug/l	228473	4	13.522	169724	50.0