

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015712.D
 Acq On : 26 Sep 2023 16:46
 Operator : SY/MD
 Sample : 04614-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-1048

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\82Y091923S.M

Title : SW846 8260

Signal : TIC: VY015712.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.387	88	93	103	rBV	10625	22248	2.55%	0.236%
2	2.899	171	177	187	rVB2	7713	15818	1.81%	0.168%
3	3.253	227	235	245	rBV2	5413	12310	1.41%	0.131%
4	3.966	342	352	363	rBV	13435	43525	4.99%	0.462%
5	4.722	465	476	498	rBV3	23308	92267	10.57%	0.980%
6	5.240	555	561	573	rVB5	3447	11733	1.34%	0.125%
7	5.753	632	645	659	rBV3	23845	72988	8.36%	0.775%
8	6.795	809	816	827	rVB4	4611	14926	1.71%	0.159%
9	6.990	836	848	858	rBV2	26903	87403	10.01%	0.928%
10	7.722	955	968	974	rBV	98860	239644	27.46%	2.546%
11	7.795	974	980	990	rVB	161023	369039	42.29%	3.920%
12	7.960	999	1007	1022	rBV	43810	121104	13.88%	1.286%
13	8.149	1026	1038	1051	rVB2	118547	277823	31.83%	2.951%
14	8.337	1063	1069	1076	rVB4	4382	11281	1.29%	0.120%
15	8.551	1096	1104	1113	rBV3	10473	24872	2.85%	0.264%
16	8.691	1117	1127	1139	rVV	255222	500237	57.32%	5.314%
17	9.185	1196	1208	1214	rBV6	10167	32643	3.74%	0.347%
18	9.368	1234	1238	1245	rVB2	7986	14633	1.68%	0.155%
19	9.752	1289	1301	1307	rBV4	8872	23308	2.67%	0.248%
20	9.965	1328	1336	1347	rBV2	29011	59760	6.85%	0.635%
21	10.075	1348	1354	1357	rBV2	5117	10407	1.19%	0.111%
22	10.118	1357	1361	1365	rVV	8358	14112	1.62%	0.150%
23	10.179	1365	1371	1377	rVV	393581	694287	79.55%	7.375%
24	10.246	1377	1382	1389	rVB	158298	264898	30.35%	2.814%
25	10.374	1394	1403	1411	rVB	24520	45287	5.19%	0.481%
26	10.581	1431	1437	1441	rBV	19501	34998	4.01%	0.372%
27	10.892	1483	1488	1491	rBV3	4489	8781	1.01%	0.093%
28	10.947	1491	1497	1508	rVV2	23842	49697	5.69%	0.528%
29	11.209	1535	1540	1545	rBV9	5395	12089	1.39%	0.128%
30	11.435	1572	1577	1580	rBV	8777	13727	1.57%	0.146%
31	11.489	1580	1586	1592	rVV	372160	624826	71.59%	6.638%
32	11.544	1592	1595	1598	rVV2	13765	20787	2.38%	0.221%
33	11.593	1599	1603	1614	rVB	43163	73614	8.43%	0.782%
34	11.703	1614	1621	1631	rBV	134252	255382	29.26%	2.713%
35	12.026	1669	1674	1682	rBV2	65470	140478	16.10%	1.492%
36	12.483	1743	1749	1755	rBV2	334127	535749	61.39%	5.691%

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Filtering: 5

Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

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37	12.733	1786	1790	1793	rBV	25933	39805	4.56%	0.423%
38	12.806	1798	1802	1808	rVB3	38225	62514	7.16%	0.664%
39	13.117	1849	1853	1857	rBV	42480	69101	7.92%	0.734%
40	13.373	1890	1895	1898	rBV2	38375	81285	9.31%	0.863%
41	13.428	1898	1904	1912	rVB	395709	670865	76.87%	7.127%
42	13.751	1952	1957	1961	rBV	550391	807472	92.52%	8.578%
43	13.794	1961	1964	1968	rVB2	118699	158454	18.16%	1.683%
44	13.855	1970	1974	1979	rVB3	86727	124876	14.31%	1.327%
45	13.940	1981	1988	1989	rBV5	104203	239623	27.46%	2.546%
46	14.074	2007	2010	2016	rBV5	60657	97069	11.12%	1.031%
47	14.141	2018	2021	2026	rVB3	83432	123754	14.18%	1.315%
48	14.257	2034	2040	2046	rBV6	432862	872723	100.00%	9.271%
49	14.422	2063	2067	2072	rVB2	195483	283482	32.48%	3.011%
50	14.477	2072	2076	2082	rVB4	144292	239192	27.41%	2.541%
51	14.611	2095	2098	2104	rVV3	119041	171855	19.69%	1.826%
52	14.684	2105	2110	2114	rVV4	127084	265771	30.45%	2.823%
53	14.733	2114	2118	2125	rVB5	135055	259002	29.68%	2.751%

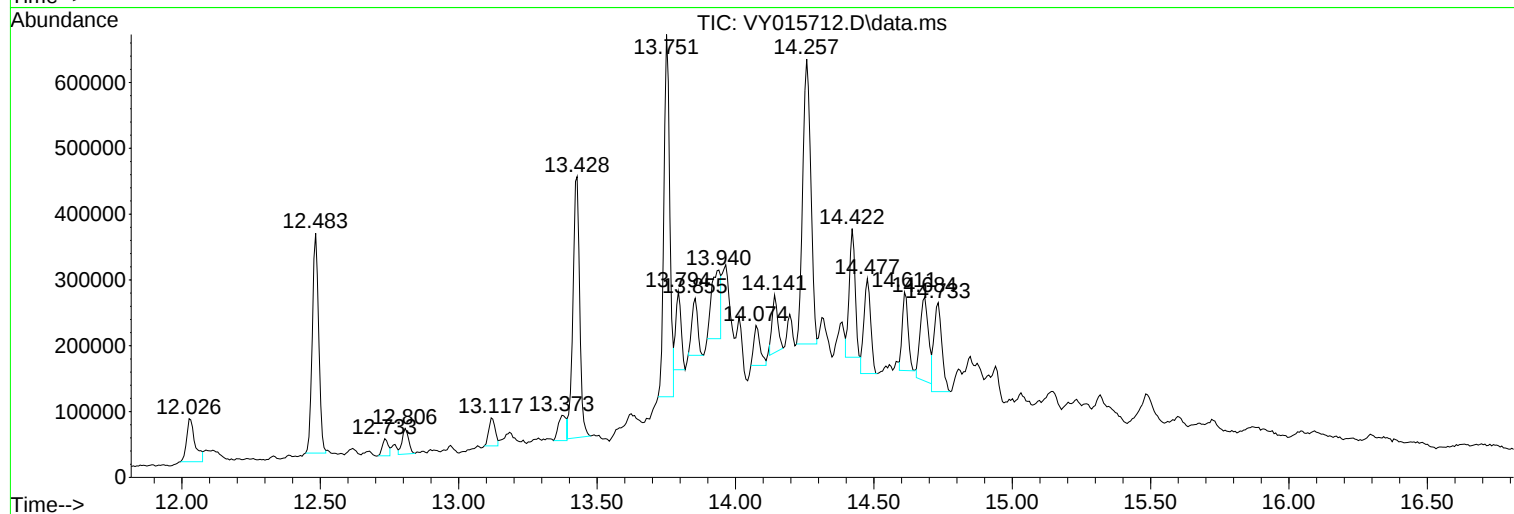
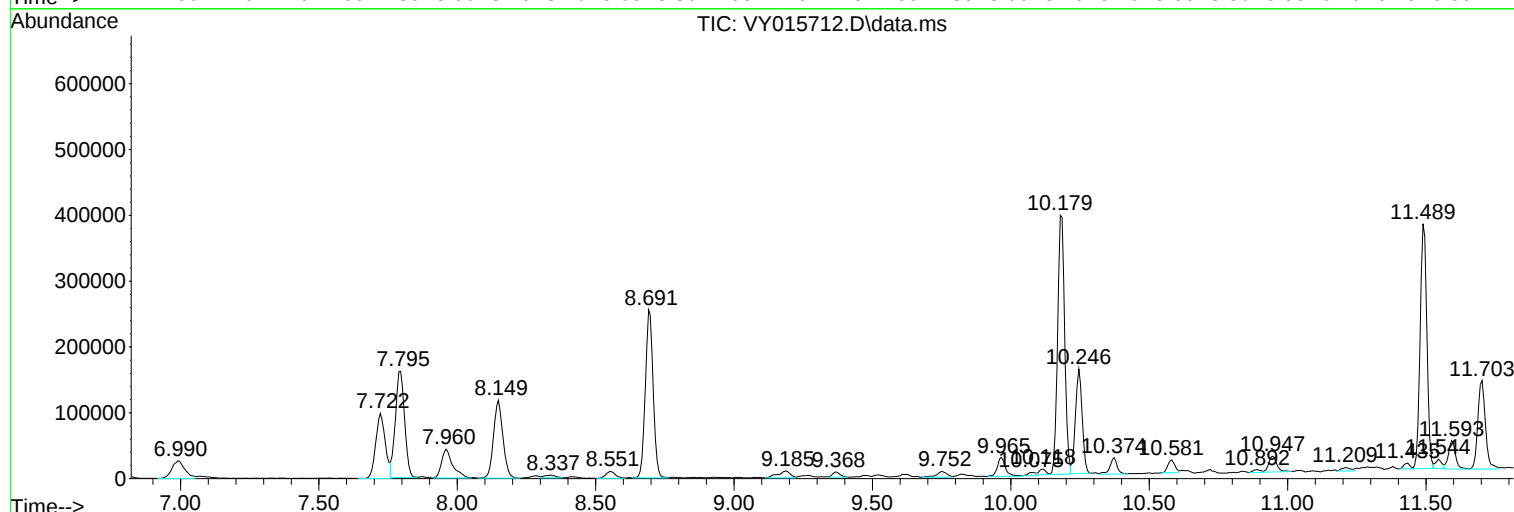
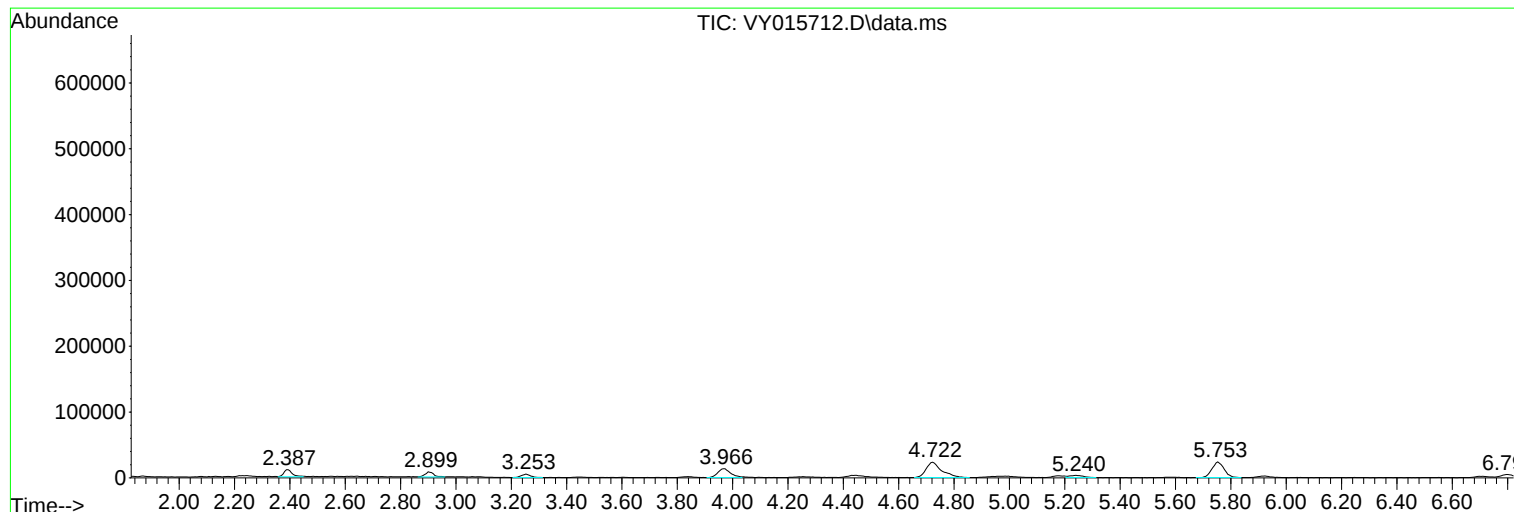
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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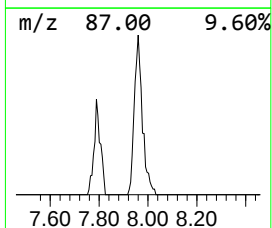
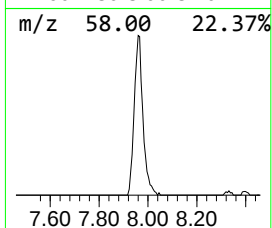
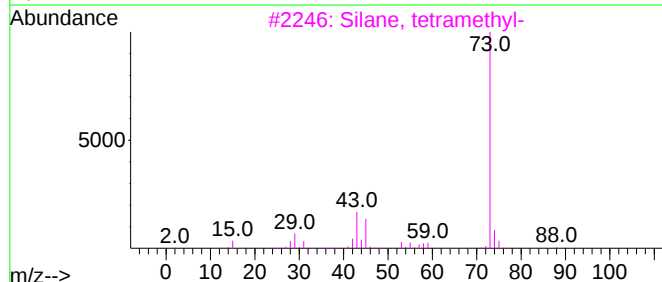
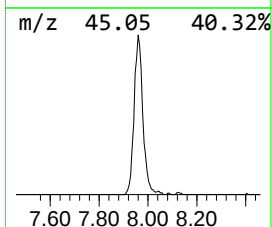
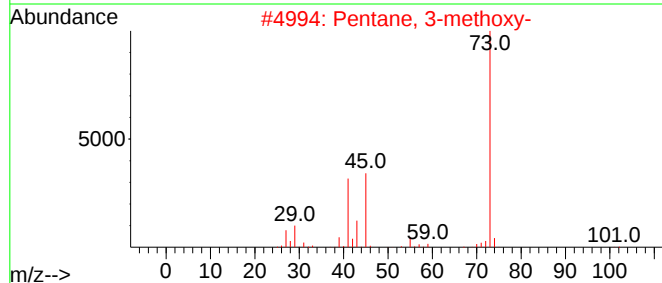
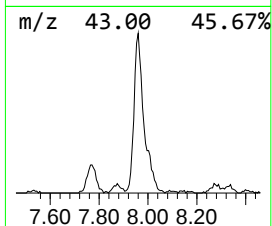
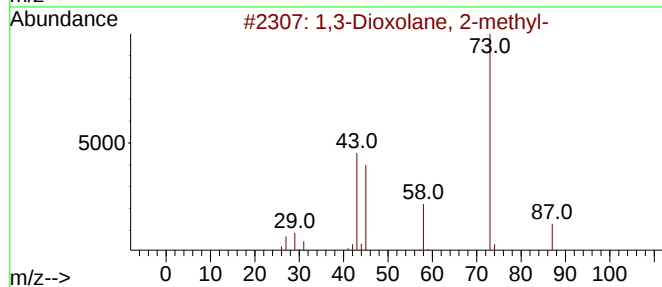
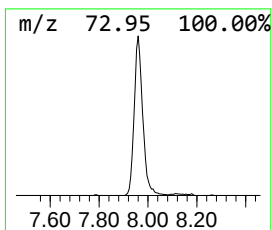
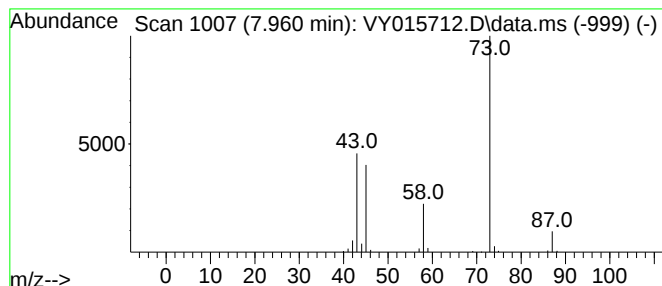
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 2 1,3-Dioxolane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.960	16.41 ug/l	121104	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	91
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	28
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
4			2-Acetamido-N-methylacetamide	130	C5H10N2O2	007606-79-3	17
5			2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9



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Instrument :
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ClientSampleId :
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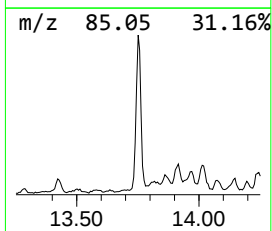
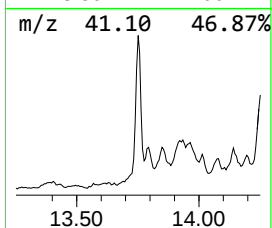
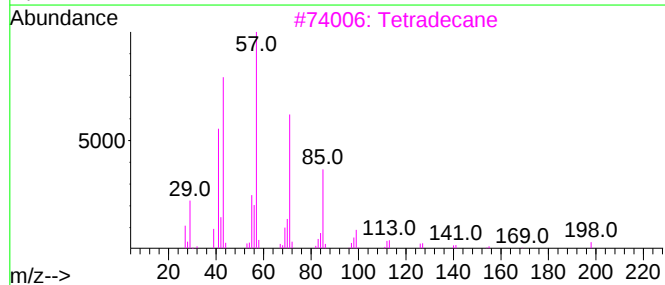
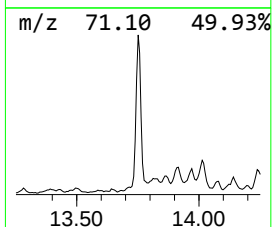
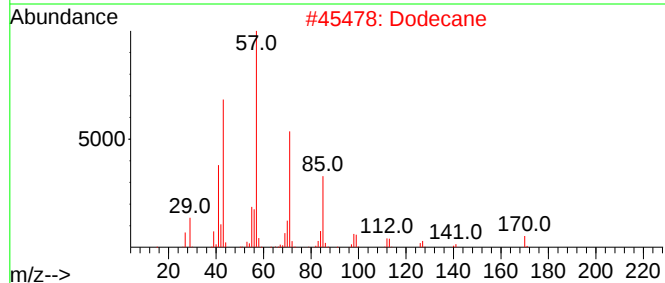
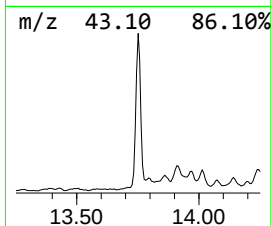
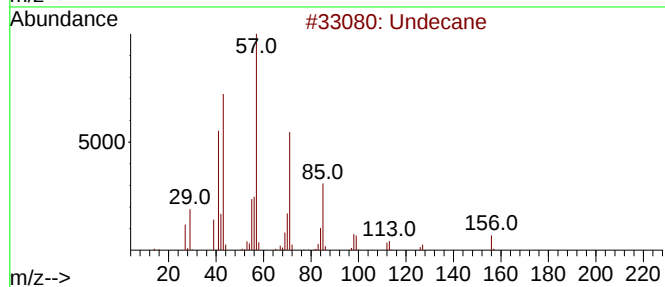
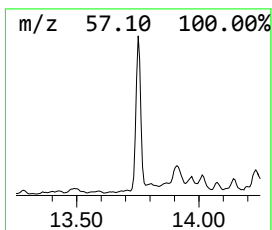
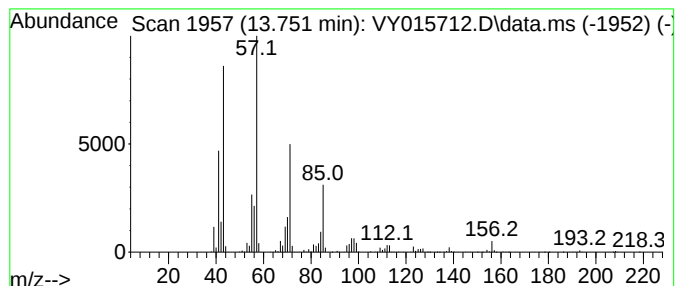
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	60.18 ug/l	807472	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	87
2	Dodecane			170	C12H26	000112-40-3	80
3	Tetradecane			198	C14H30	000629-59-4	80
4	Carbonic acid, nonyl vinyl ester			214	C12H22O3	1000383-25-6	72
5	Octane, 2,4,6-trimethyl-			156	C11H24	062016-37-9	72



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ALS Vial : 11 Sample Multiplier: 1

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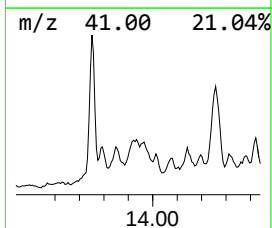
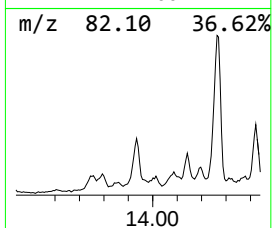
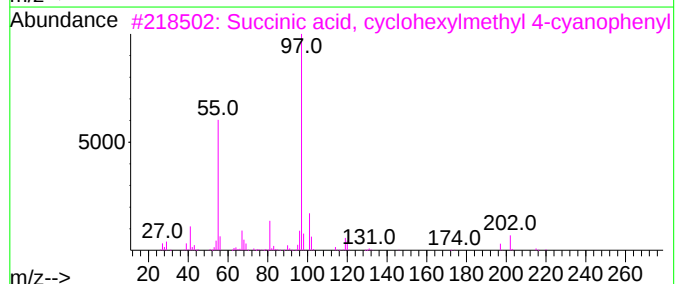
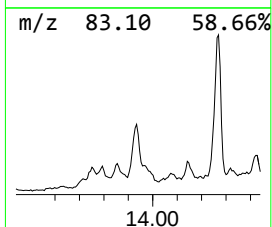
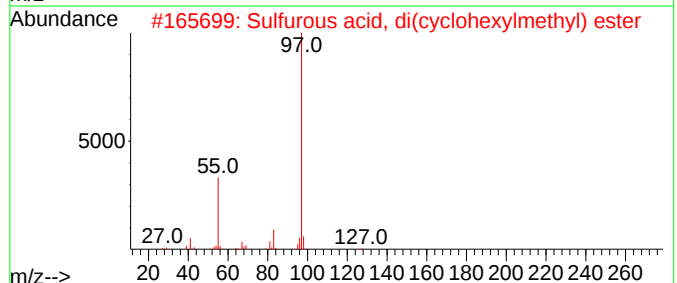
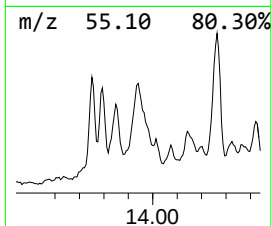
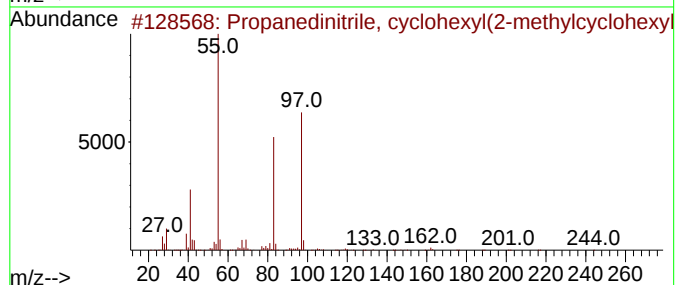
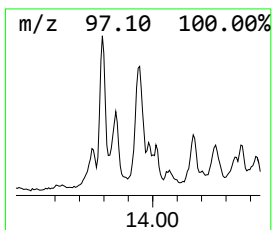
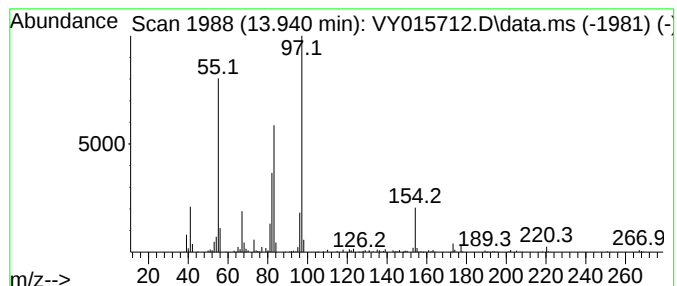
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Propanedinitrile, cyclohexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.940	17.86 ug/l	239623	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	53
2			Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1010309-22-7	47
3			Succinic acid, cyclohexylmethyl ...	315	C18H21NO4	1000389-81-4	43
4			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	43
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	43



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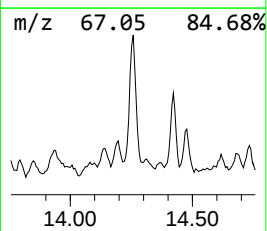
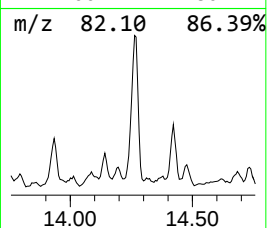
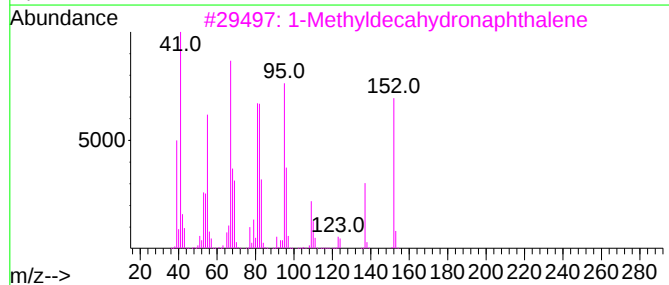
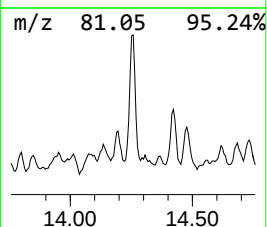
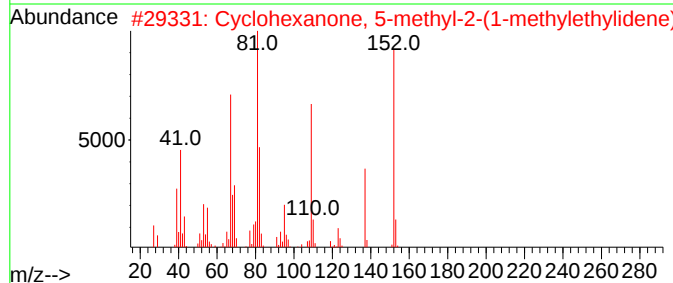
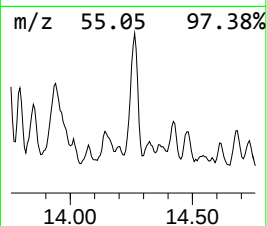
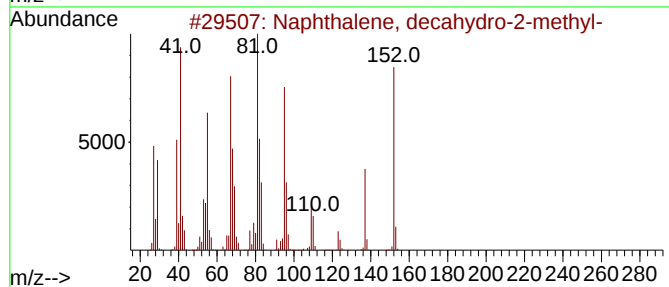
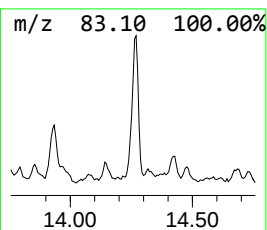
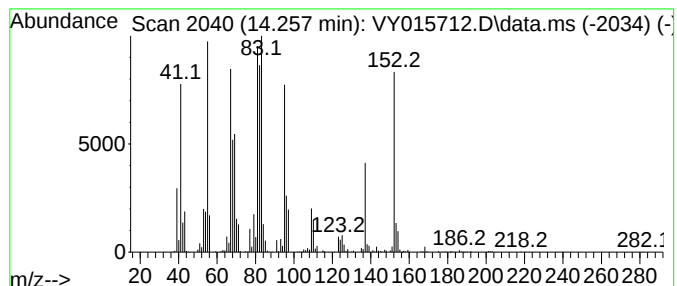
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	65.04 ug/l	872723	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	55
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	53
4			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	46
5			6a-Methyl-hexahdropentalene-1,6...	152	C9H12O2	092485-86-4	41



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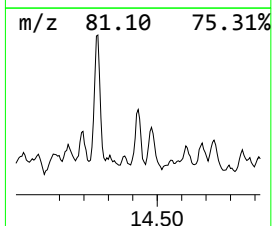
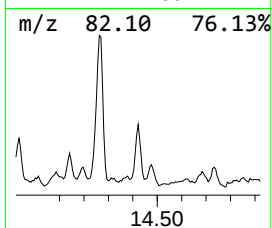
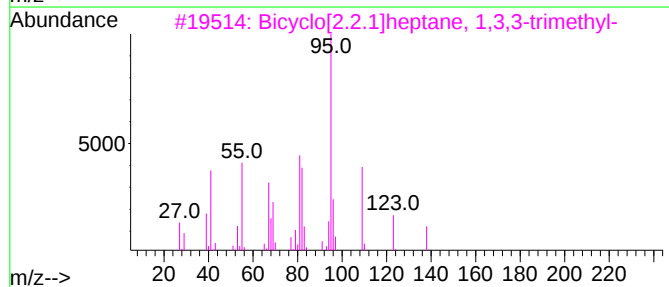
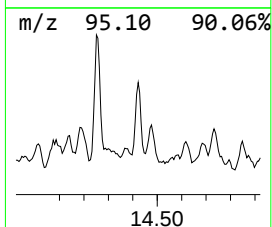
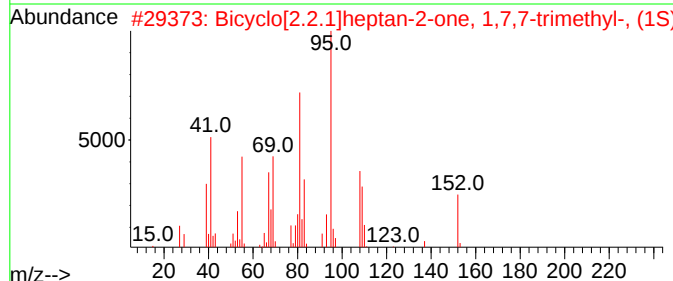
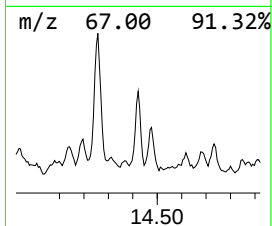
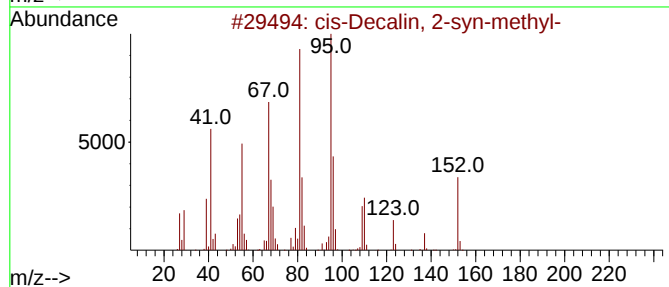
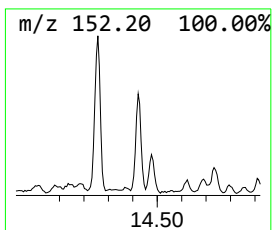
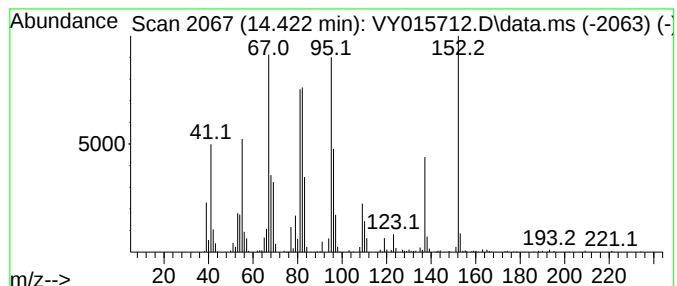
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Quant Title : SW846 8260

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

Peak Number 6 cis-Decalin, 2-syn-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	21.13 ug/l	283482	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	81
2			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
3			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	70
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015712.D
Acq On : 26 Sep 2023 16:46
Operator : SY/MD
Sample : 04614-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1048

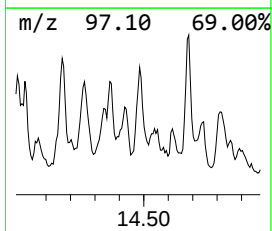
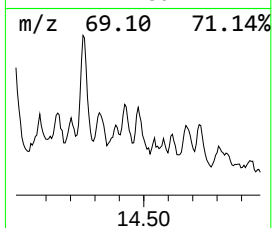
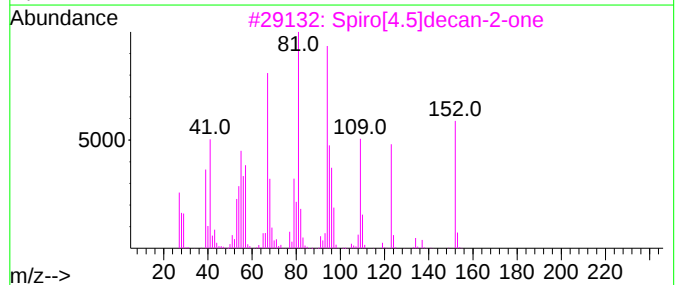
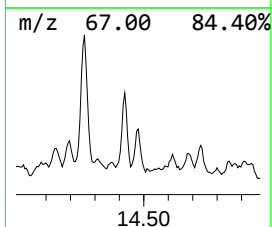
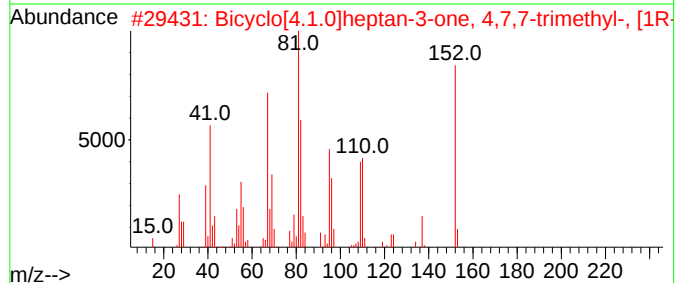
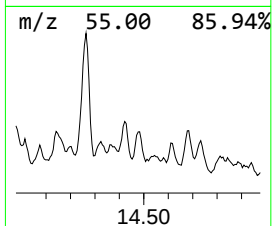
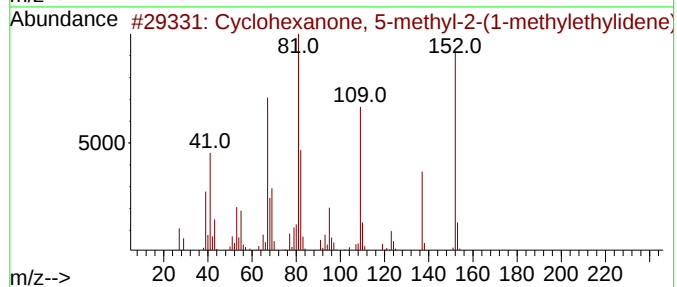
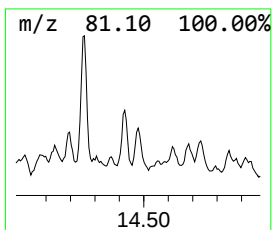
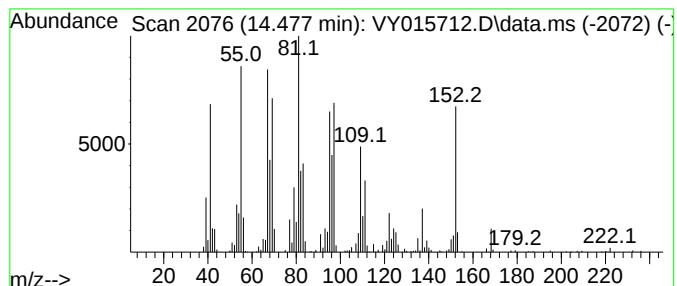
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Quant Title : SW846 8260

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

Peak Number 7 Cyclohexanone, 5-methyl-2-(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.477	17.83 ug/l	239192	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	90
2			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	81
3			Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	76
4			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	64
5			2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015712.D
Acq On : 26 Sep 2023 16:46
Operator : SY/MD
Sample : 04614-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1048

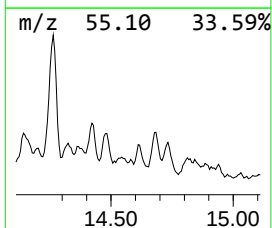
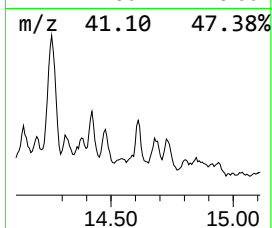
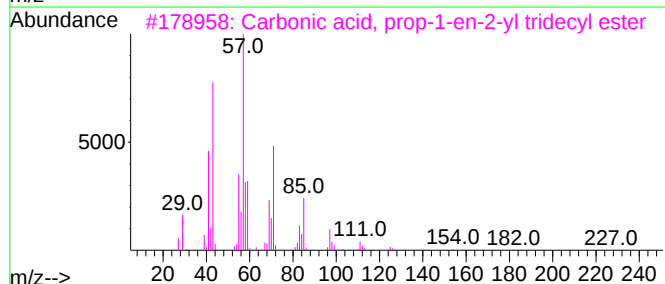
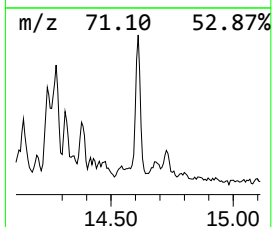
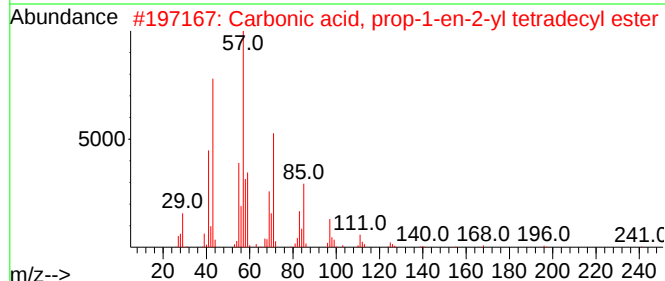
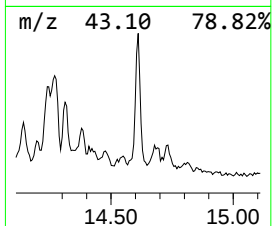
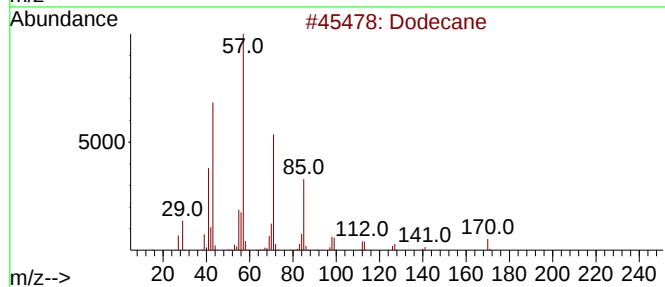
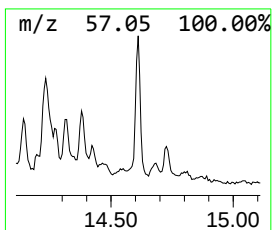
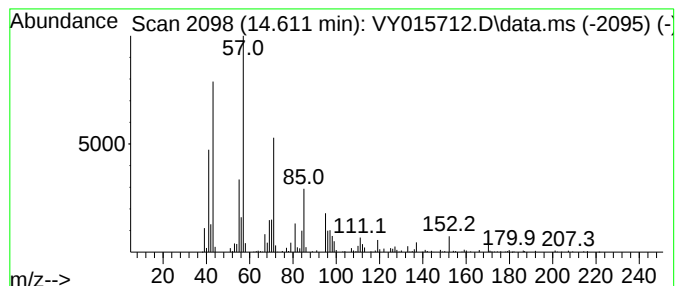
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Quant Title : SW846 8260

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

Peak Number 8 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	12.81 ug/l	171855	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	86
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	68
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	68
4			Tridecane	184	C13H28	000629-50-5	52
5			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015712.D
Acq On : 26 Sep 2023 16:46
Operator : SY/MD
Sample : 04614-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1048

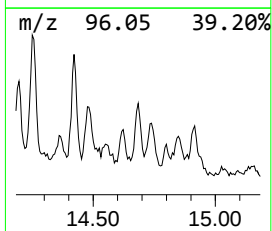
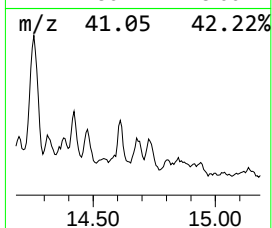
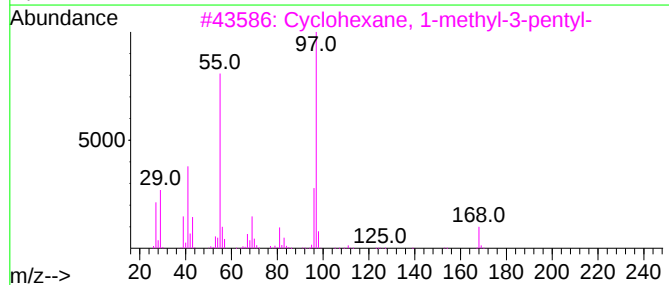
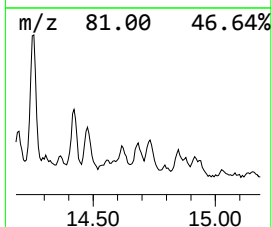
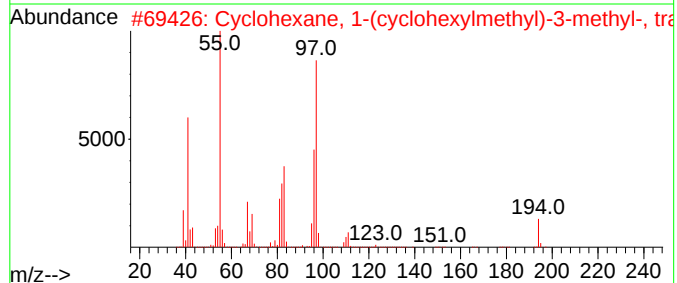
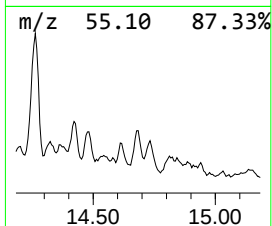
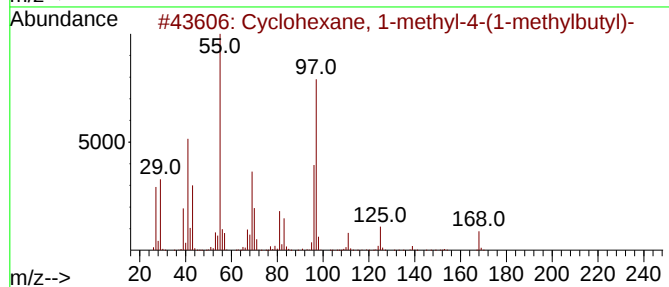
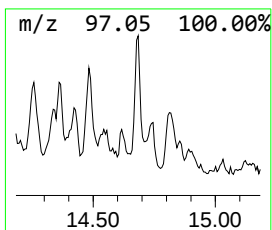
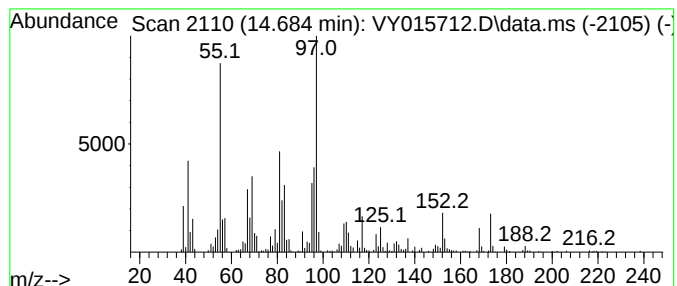
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 9 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	19.81 ug/l	265771	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	70
2			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-95-9	53
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52
5			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015712.D
Acq On : 26 Sep 2023 16:46
Operator : SY/MD
Sample : 04614-03
Misc : 5.05g/5.0mL/MSVOA_Y/soil
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1048

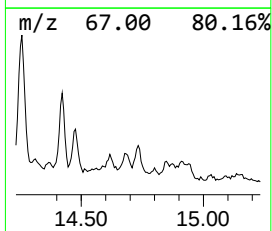
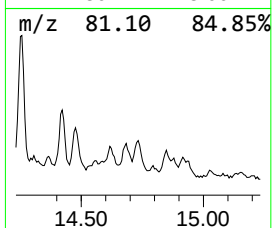
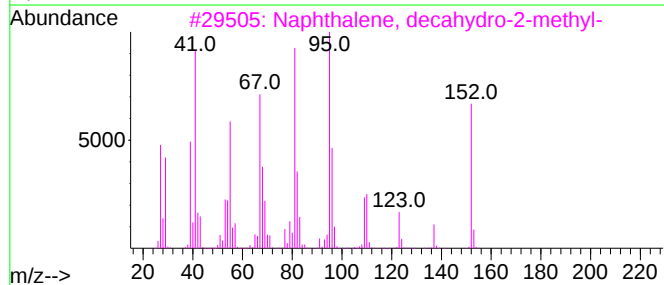
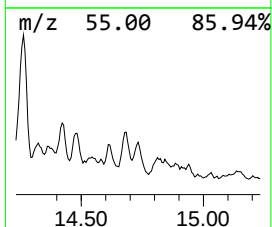
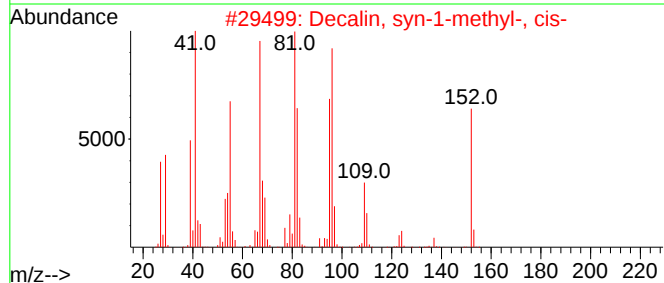
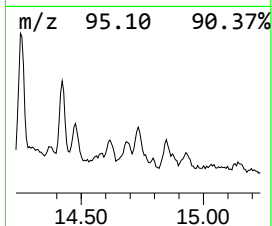
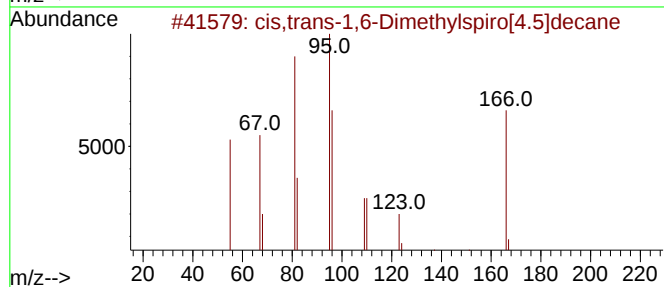
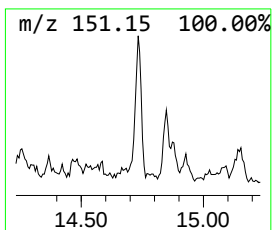
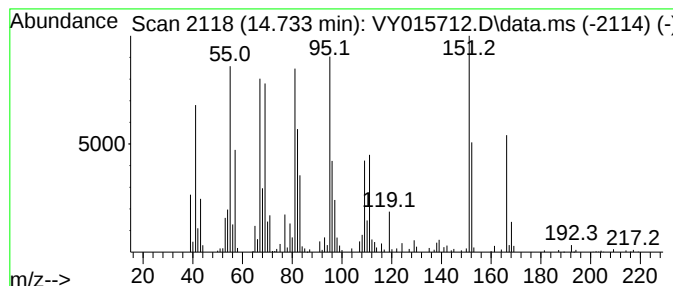
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 10 cis,trans-1,6-Dimethylspiro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	19.30 ug/l	259002	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	55
2			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	50
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49
4			7-Tetradecyne	194	C14H26	035216-11-6	46
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
Data File : VY015712.D
Acq On : 26 Sep 2023 16:46
Operator : SY/MD
Sample : 04614-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1048

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.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
1,3-Dioxolane, ...	7.960	16.4	ug/l	121104	1	7.795	369039	50.0
Undecane	13.751	60.2	ug/l	807472	4	13.428	670865	50.0
Propanedinitril...	13.940	17.9	ug/l	239623	4	13.428	670865	50.0
Naphthalene, de...	14.257	65.0	ug/l	872723	4	13.428	670865	50.0
cis-Decalin, 2-...	14.422	21.1	ug/l	283482	4	13.428	670865	50.0
Cyclohexanone, ...	14.477	17.8	ug/l	239192	4	13.428	670865	50.0
Dodecane	14.611	12.8	ug/l	171855	4	13.428	670865	50.0
Cyclohexane, 1-...	14.684	19.8	ug/l	265771	4	13.428	670865	50.0
cis,trans-1,6-D...	14.733	19.3	ug/l	259002	4	13.428	670865	50.0