

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021722.D
 Acq On : 31 Mar 2025 16:11
 Operator : SY/MD
 Sample : Q1675-08
 Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2

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\82Y032725S.M
 Title : SW846 8260

Signal : TIC: VY021722.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.812	10	15	24	rVB	79101	111043	1.82%	0.117%
2	3.854	337	350	363	rBV4	28397	97062	1.59%	0.102%
3	4.598	460	472	485	rBV3	85018	308117	5.04%	0.324%
4	6.427	759	772	783	rBV3	29933	105084	1.72%	0.110%
5	6.585	786	798	815	rVV	333372	1058962	17.33%	1.112%
6	6.884	835	847	861	rVB3	24886	91646	1.50%	0.096%
7	7.439	919	938	949	rBV2	61583	200979	3.29%	0.211%
8	7.634	957	970	976	rBV	241760	596585	9.76%	0.627%
9	7.707	976	982	989	rVV	364574	830478	13.59%	0.872%
10	7.786	989	995	1011	rVB	143040	367746	6.02%	0.386%
11	8.061	1032	1040	1051	rVB	216380	487929	7.99%	0.513%
12	8.244	1053	1070	1081	rBV	2570644	6110081	100.00%	6.418%
13	8.609	1122	1130	1141	rBV	607607	1233249	20.18%	1.295%
14	8.847	1161	1169	1176	rBV2	91466	200571	3.28%	0.211%
15	9.073	1199	1206	1210	rBV	217594	485312	7.94%	0.510%
16	9.170	1218	1222	1228	rVB3	105940	196362	3.21%	0.206%
17	9.250	1228	1235	1241	rBV	237802	486302	7.96%	0.511%
18	9.390	1247	1258	1269	rBV2	440638	1007459	16.49%	1.058%
19	9.542	1275	1283	1296	rVB	2123313	4078016	66.74%	4.284%
20	9.670	1296	1304	1312	rBV	2958799	5781253	94.62%	6.073%
21	9.786	1318	1323	1329	rVB4	77630	194957	3.19%	0.205%
22	9.859	1329	1335	1342	rVB2	221753	433276	7.09%	0.455%
23	9.932	1342	1347	1352	rBV2	54301	96074	1.57%	0.101%
24	10.036	1352	1364	1369	rBV2	204897	504557	8.26%	0.530%
25	10.103	1369	1375	1388	rVB	1076024	1984611	32.48%	2.085%
26	10.274	1396	1403	1413	rBV3	185028	534362	8.75%	0.561%
27	10.402	1414	1424	1428	rBV3	143297	334226	5.47%	0.351%
28	10.445	1428	1431	1437	rVB	173734	274271	4.49%	0.288%
29	10.530	1439	1445	1453	rBV4	313399	771317	12.62%	0.810%
30	10.634	1459	1462	1467	rVB4	59974	102218	1.67%	0.107%
31	10.694	1467	1472	1473	rBV2	54304	89324	1.46%	0.094%
32	10.731	1473	1478	1483	rVB	199287	345883	5.66%	0.363%
33	10.829	1484	1494	1501	rBV4	131878	368593	6.03%	0.387%
34	10.902	1501	1506	1507	rBV2	68815	92137	1.51%	0.097%
35	10.932	1507	1511	1516	rVB2	136730	225518	3.69%	0.237%
36	11.012	1516	1524	1529	rBV6	183415	551923	9.03%	0.580%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021722.D
 Acq On : 31 Mar 2025 16:11
 Operator : SY/MD
 Sample : Q1675-08
 Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2

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\82Y032725S.M
 Title : SW846 8260

37	11.072	1529	1534	1538	rBV3	279292	466486	7.63%	0.490%
38	11.170	1547	1550	1553	rBV	49049	67918	1.11%	0.071%
39	11.225	1553	1559	1568	rVB3	464516	993051	16.25%	1.043%
40	11.341	1568	1578	1581	rBV6	122375	357295	5.85%	0.375%
41	11.414	1585	1590	1595	rBV	1047213	1689516	27.65%	1.775%
42	11.554	1607	1613	1617	rBV3	255694	457141	7.48%	0.480%
43	11.609	1617	1622	1626	rBV3	225754	438264	7.17%	0.460%
44	11.676	1630	1633	1642	rVB6	226736	552988	9.05%	0.581%
45	11.767	1642	1648	1652	rBV3	197745	392598	6.43%	0.412%
46	11.822	1654	1657	1661	rVB	129717	169697	2.78%	0.178%
47	11.865	1661	1664	1667	rBV4	103918	147983	2.42%	0.155%
48	11.926	1667	1674	1680	rBV3	569222	1360797	22.27%	1.429%
49	11.987	1680	1684	1686	rBV2	139098	183398	3.00%	0.193%
50	12.011	1686	1688	1690	rBV	82232	83745	1.37%	0.088%
51	12.048	1690	1694	1698	rVB	666924	872375	14.28%	0.916%
52	12.091	1698	1701	1702	rBV2	118443	135882	2.22%	0.143%
53	12.127	1702	1707	1710	rBV3	562224	974363	15.95%	1.023%
54	12.231	1717	1724	1730	rBV7	330964	994879	16.28%	1.045%
55	12.304	1733	1736	1740	rVB4	170465	268766	4.40%	0.282%
56	12.347	1741	1743	1747	rVB	177963	212578	3.48%	0.223%
57	12.408	1747	1753	1758	rVB3	1028043	1753578	28.70%	1.842%
58	12.499	1758	1768	1771	rBV8	438661	1269803	20.78%	1.334%
59	12.566	1775	1779	1786	rVB3	1016633	1910513	31.27%	2.007%
60	12.651	1786	1793	1799	rBV5	781425	2109117	34.52%	2.215%
61	12.725	1800	1805	1810	rBV5	565286	1470767	24.07%	1.545%
62	12.871	1825	1829	1833	rVB4	518528	789034	12.91%	0.829%
63	12.914	1833	1836	1837	rBV	183588	209444	3.43%	0.220%
64	12.962	1841	1844	1852	rVB5	480077	1010186	16.53%	1.061%
65	13.054	1856	1859	1862	rBV3	245346	317090	5.19%	0.333%
66	13.090	1862	1865	1871	rBV4	473062	914072	14.96%	0.960%
67	13.218	1882	1886	1892	rVB5	577160	1154468	18.89%	1.213%
68	13.273	1892	1895	1899	rVB3	279020	339863	5.56%	0.357%
69	13.346	1902	1907	1915	rVB	921292	1662815	27.21%	1.747%
70	13.487	1926	1930	1934	rVB4	671583	1055985	17.28%	1.109%
71	13.529	1934	1937	1940	rBV4	315816	371856	6.09%	0.391%
72	13.615	1947	1951	1953	rBV4	217311	379187	6.21%	0.398%
73	13.663	1954	1959	1965	rVV2	1940965	3518695	57.59%	3.696%
74	13.993	2010	2013	2018	rBV5	368920	579303	9.48%	0.609%
75	14.066	2019	2025	2030	rVV3	808325	1584129	25.93%	1.664%
76	14.115	2030	2033	2037	rVB3	426387	594646	9.73%	0.625%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021722.D
 Acq On : 31 Mar 2025 16:11
 Operator : SY/MD
 Sample : Q1675-08
 Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2

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\82Y032725S.M

Title : SW846 8260

77	14.176	2038	2043	2050	rBV4	2090340	4291318	70.23%	4.508%
78	14.340	2066	2070	2074	rVB2	2060289	2849573	46.64%	2.993%
79	14.395	2075	2079	2086	rVB6	725971	1277746	20.91%	1.342%
80	14.468	2087	2091	2094	rBV2	564582	870649	14.25%	0.915%
81	14.541	2099	2103	2107	rBV6	497622	895504	14.66%	0.941%
82	14.602	2110	2113	2117	rVV4	819915	1416250	23.18%	1.488%
83	14.651	2117	2121	2127	rVB3	1872286	3049140	49.90%	3.203%
84	14.767	2136	2140	2142	rBV	749267	1026928	16.81%	1.079%
85	15.005	2175	2179	2180	rBV2	574880	757683	12.40%	0.796%
86	15.127	2194	2199	2204	rBV	2583004	3958866	64.79%	4.158%
87	15.352	2232	2236	2242	rBV6	637344	1683813	27.56%	1.769%
88	15.511	2258	2262	2267	rVB2	1472672	2518977	41.23%	2.646%
89	16.047	2346	2350	2357	rVB3	1378894	2579951	42.22%	2.710%
90	16.358	2397	2401	2406	rBV4	658162	1063028	17.40%	1.117%
91	16.645	2442	2448	2454	rVB2	1034910	2408529	39.42%	2.530%

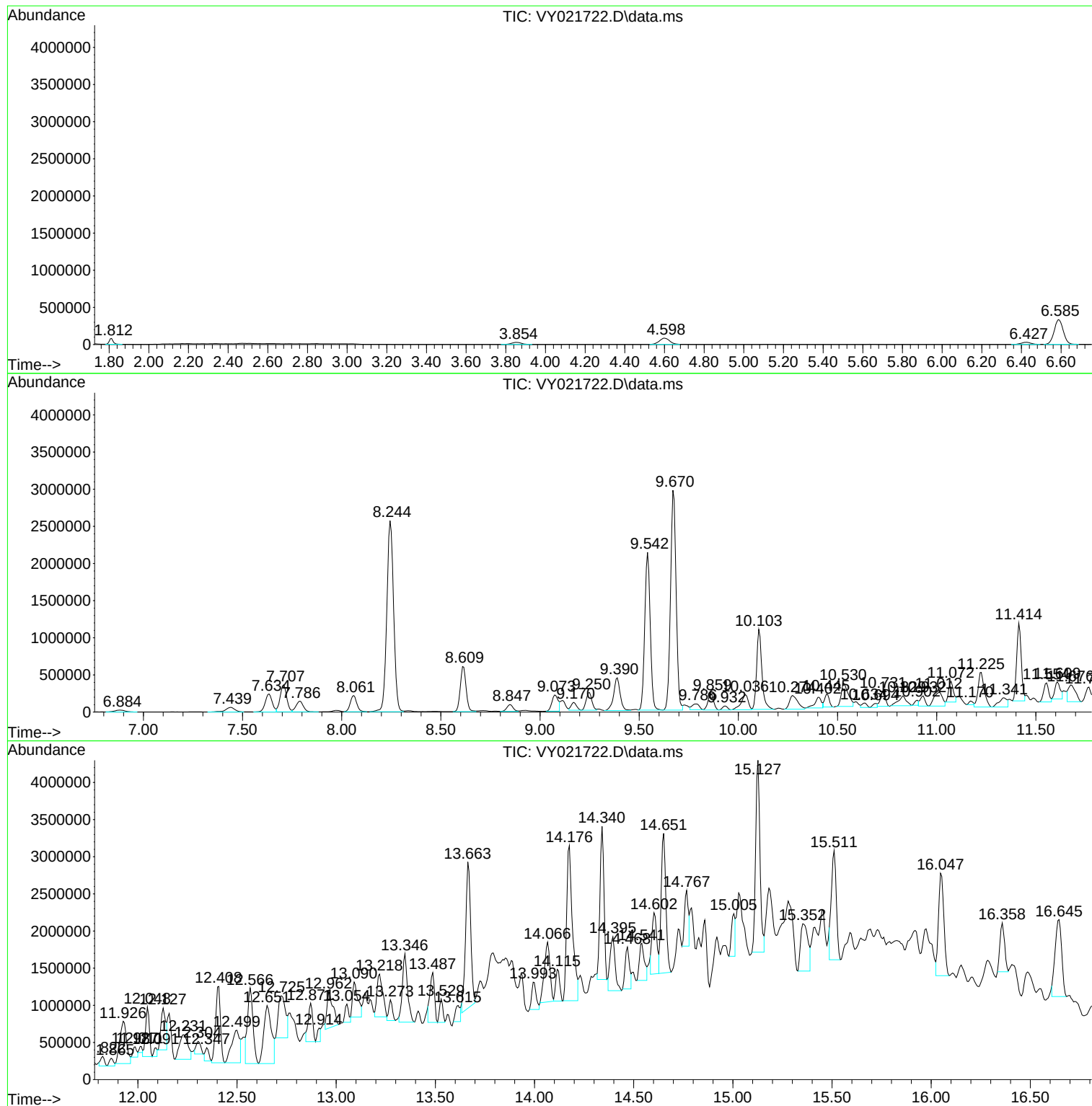
Sum of corrected areas: 95199709

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

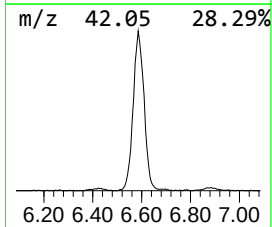
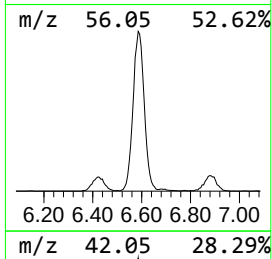
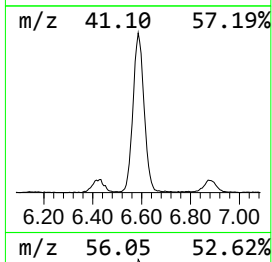
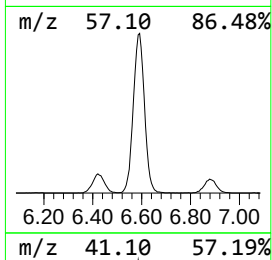
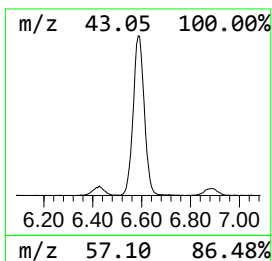
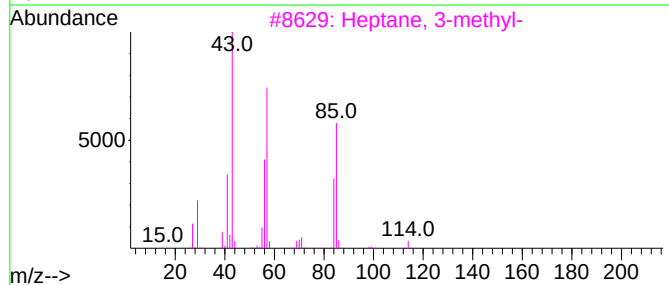
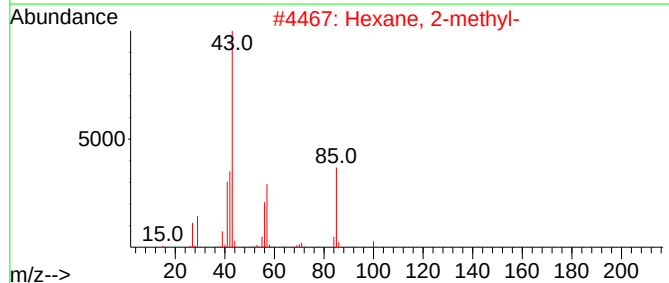
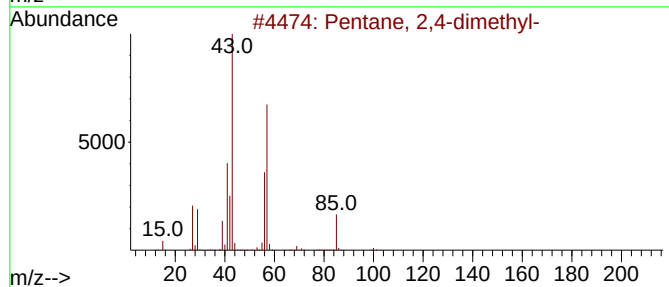
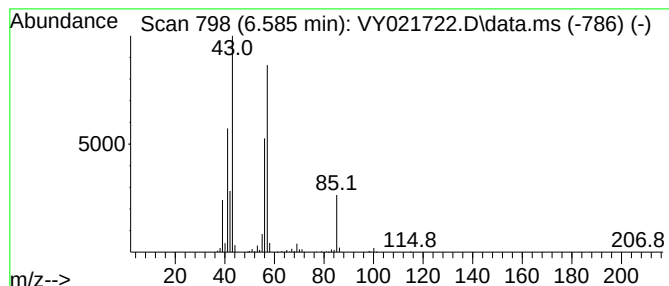
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.585	63.76 ug/l	1058960	Pentafluorobenzene	7.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	72
3			Heptane, 3-methyl-	114	C8H18	000589-81-1	72
4			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

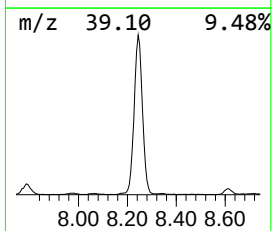
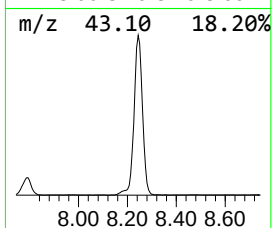
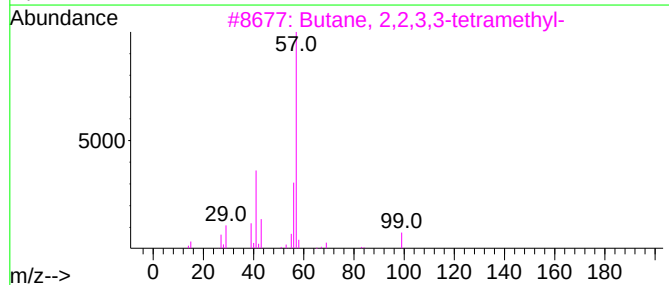
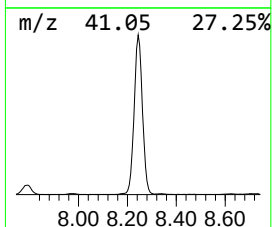
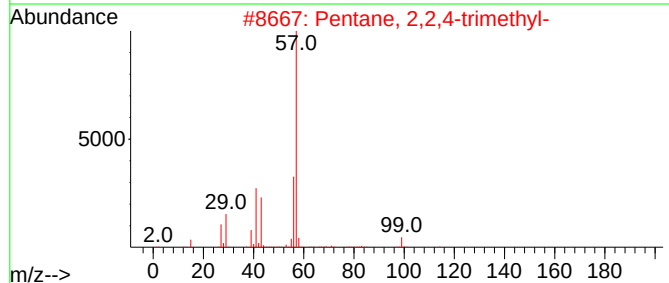
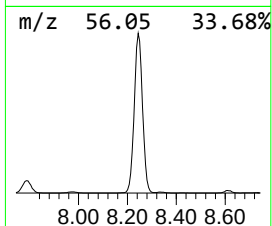
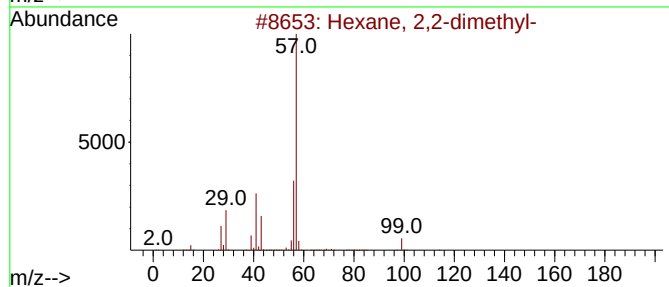
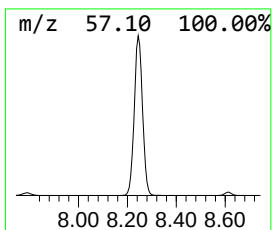
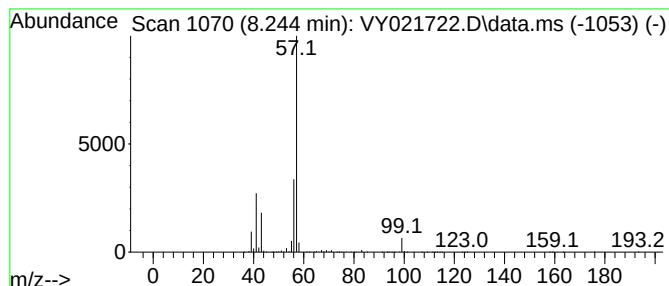
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 2 Hexane, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.244	247.72 ug/l	6110080	1,4-Difluorobenzene	8.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
4			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	72
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

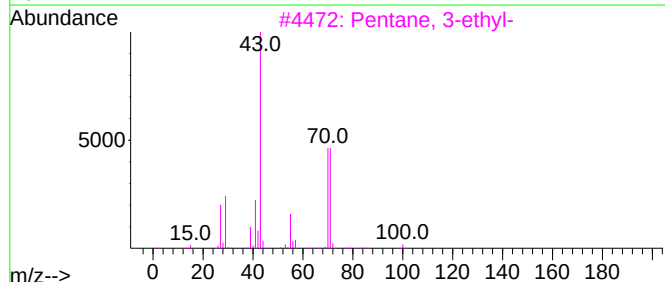
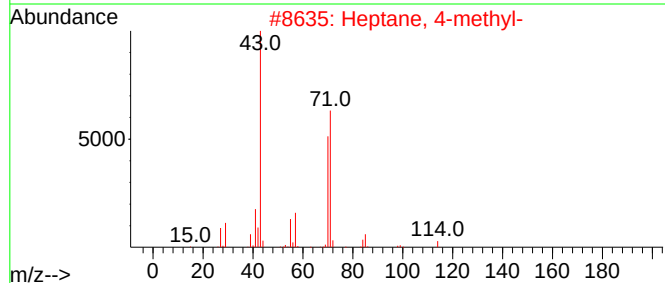
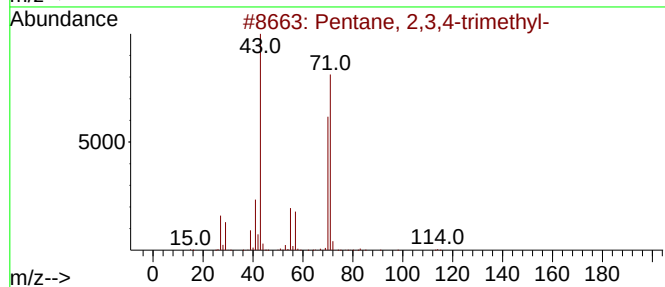
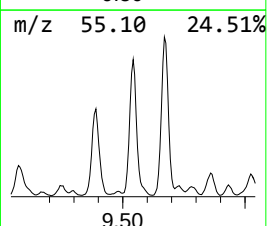
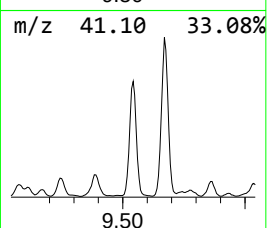
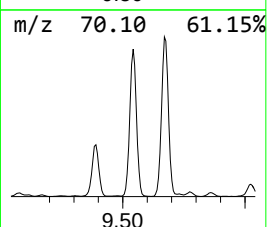
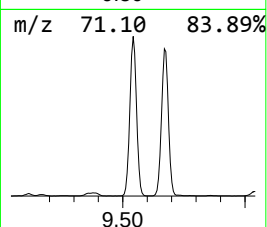
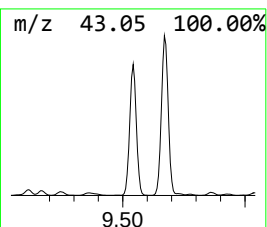
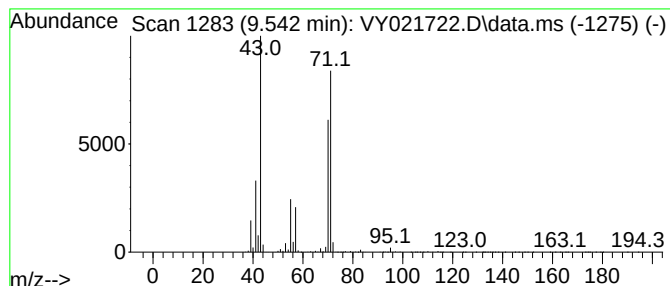
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.542	165.34 ug/l	4078020	1,4-Difluorobenzene	8.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

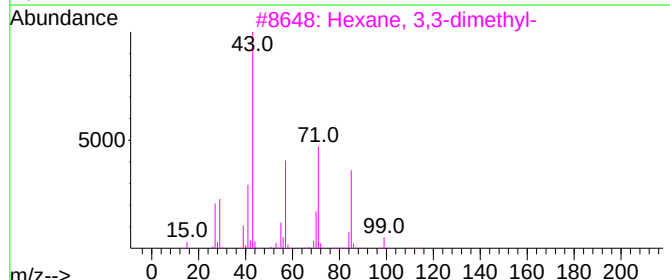
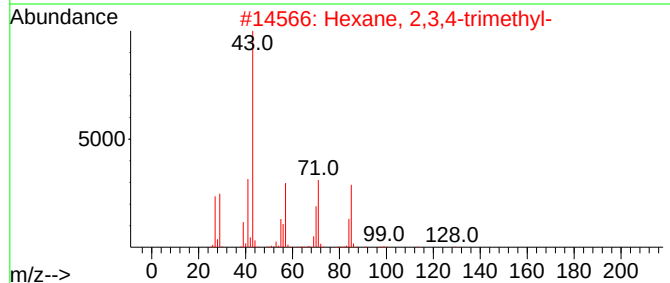
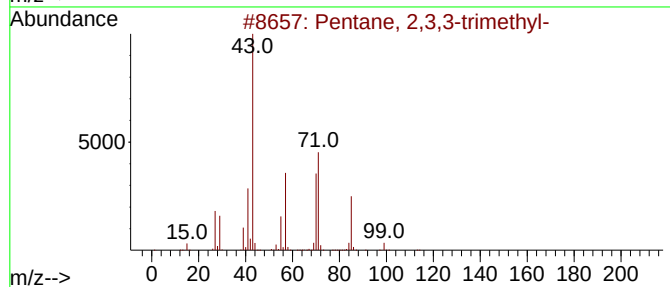
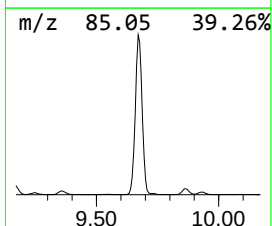
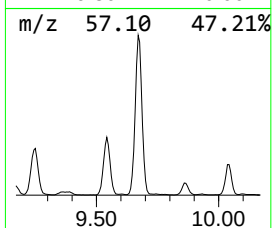
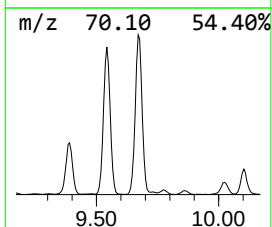
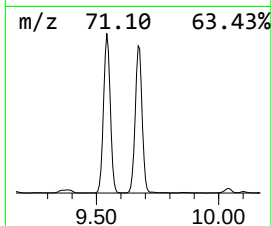
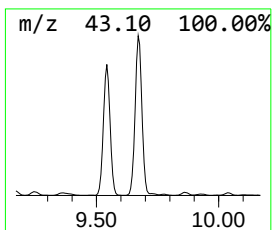
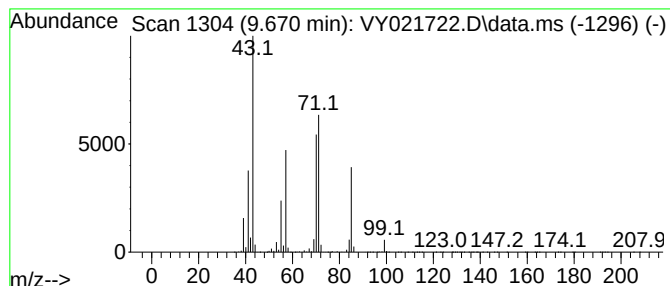
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.670	234.39 ug/l	5781250	1,4-Difluorobenzene	8.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	53
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

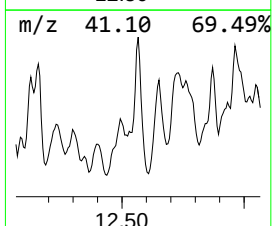
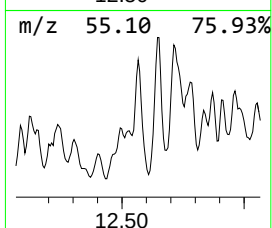
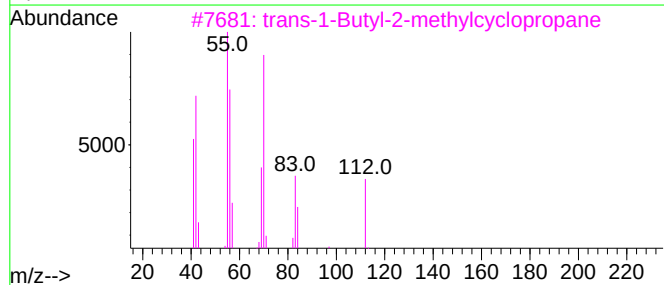
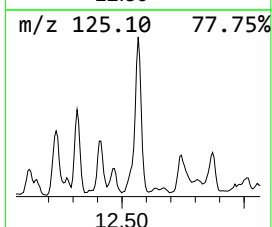
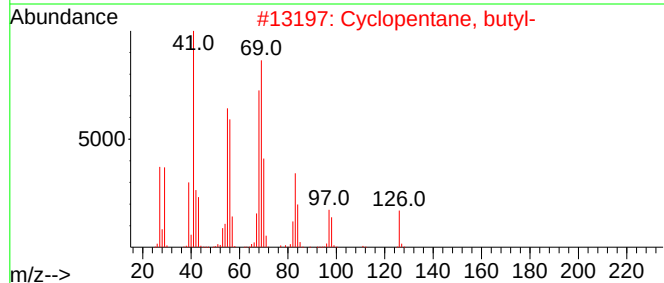
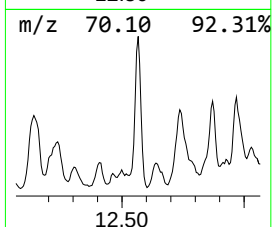
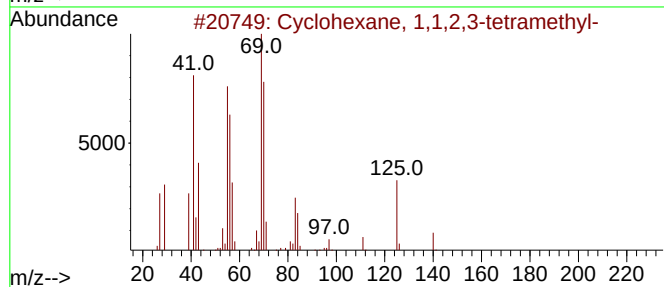
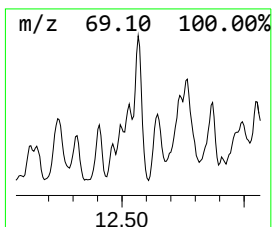
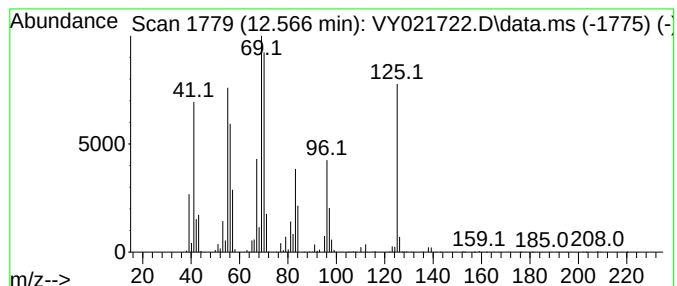
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	57.45 ug/l	1910510	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	50
2			Cyclopentane, butyl-	126	C9H18	002040-95-1	43
3			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38
4			Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	35
5			Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

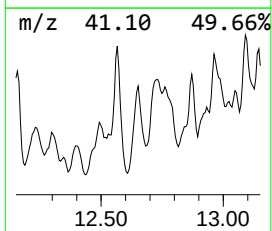
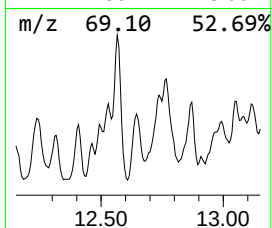
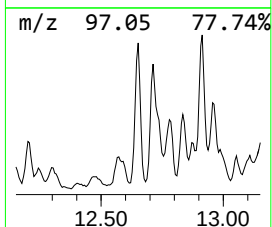
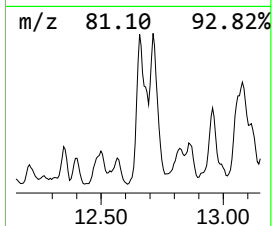
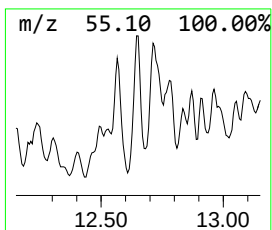
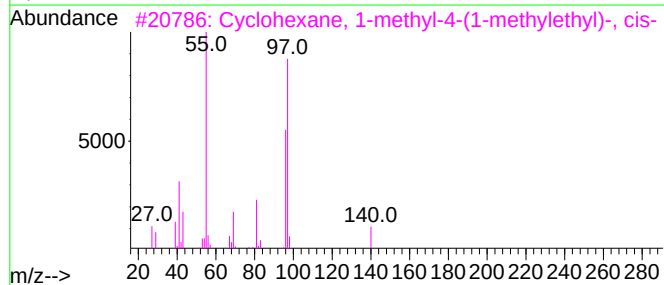
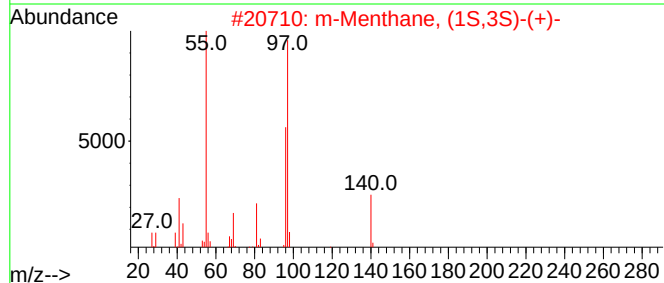
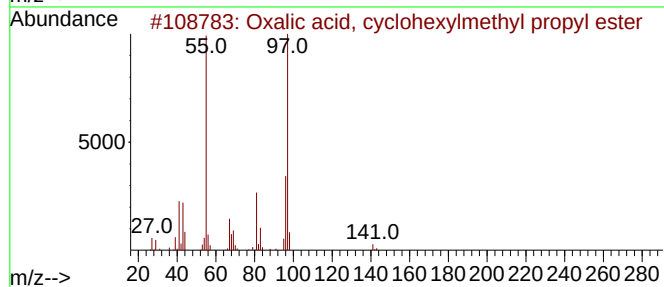
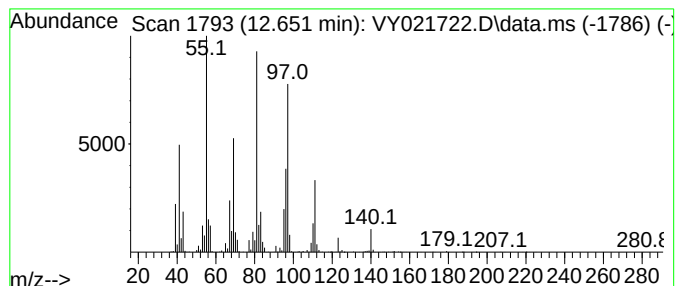
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown12.652 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.652	63.42 ug/l	2109120	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	46
2			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	46
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

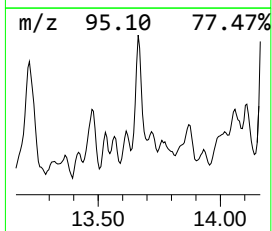
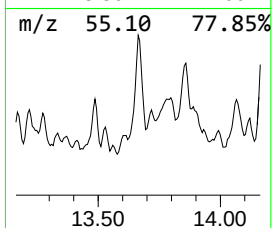
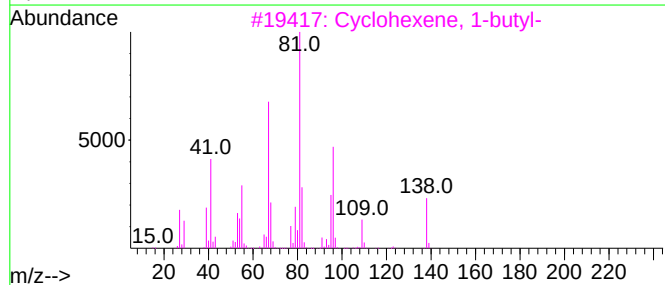
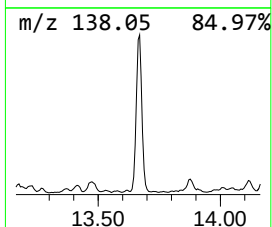
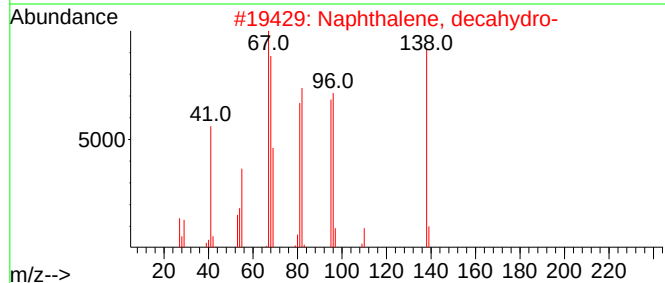
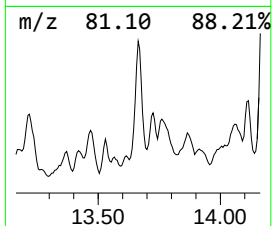
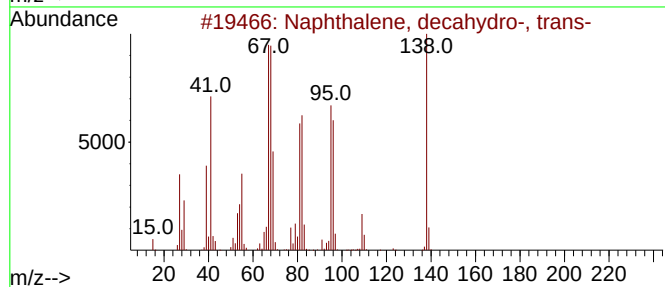
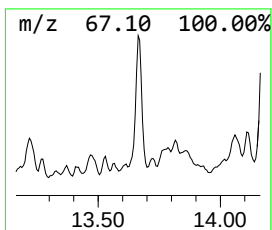
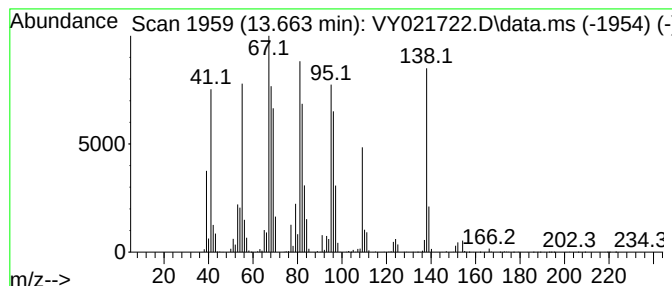
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	105.81 ug/l	3518700	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	90
4			Spiro[4.5]decane	138	C10H18	000176-63-6	76
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

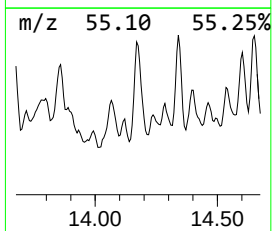
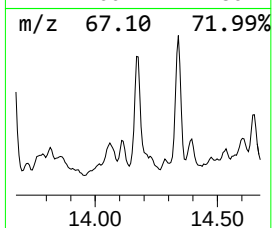
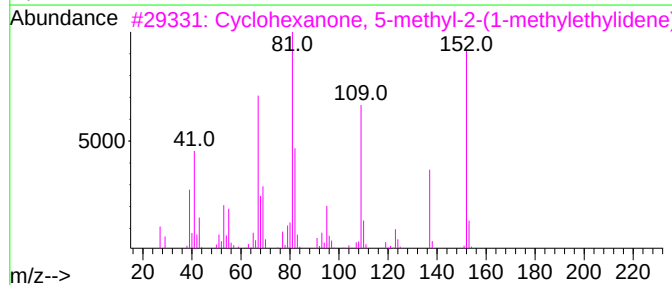
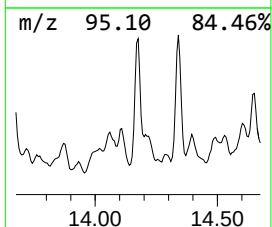
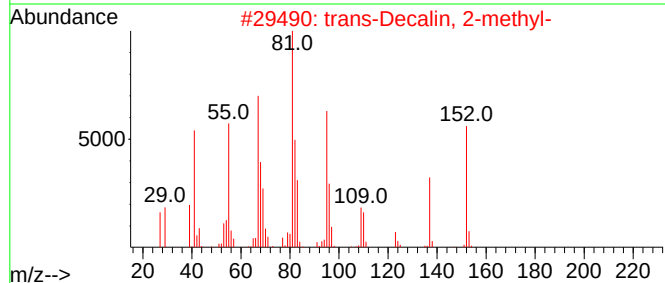
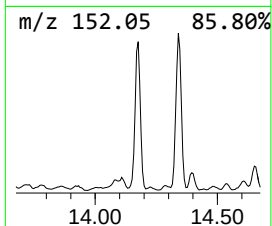
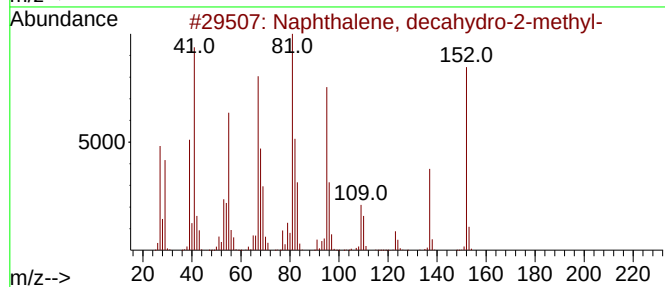
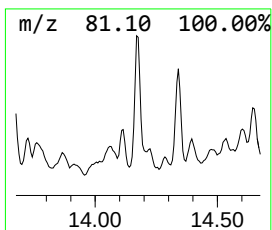
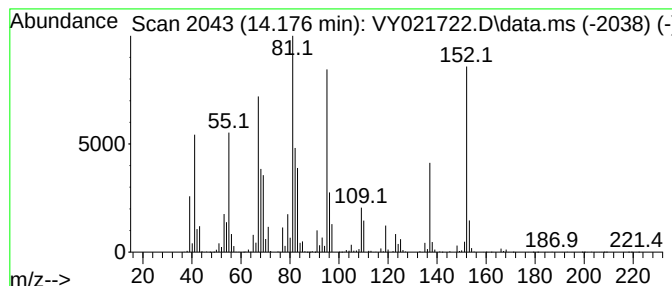
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	129.04 ug/l	4291320	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	96
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	83
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	76
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

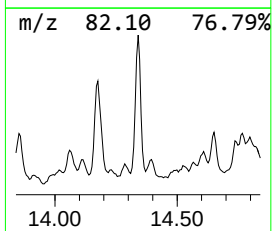
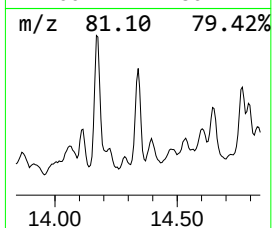
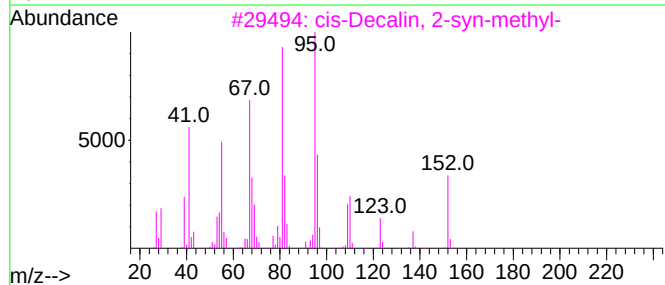
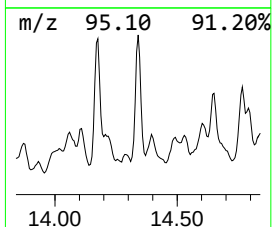
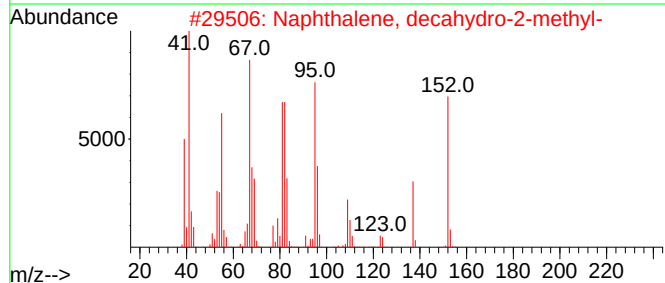
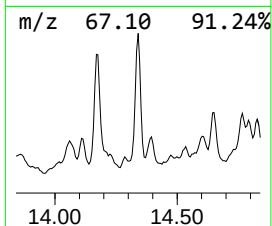
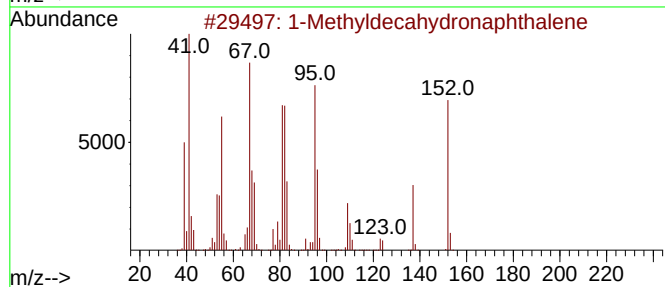
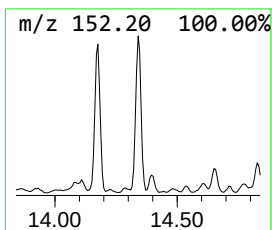
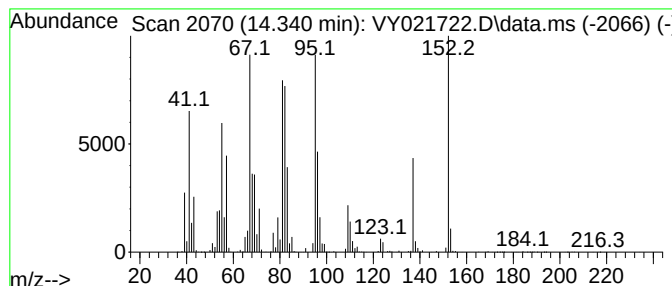
Instrument :
MSVOA_Y
ClientSampleId :
T2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 9 1-Methyldecahydronaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.340	85.69 ug/l	2849570	1,4-Dichlorobenzene-d4	13.347	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

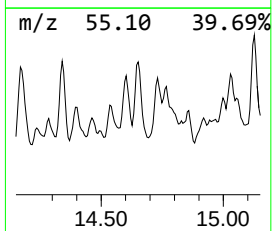
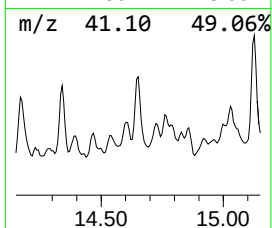
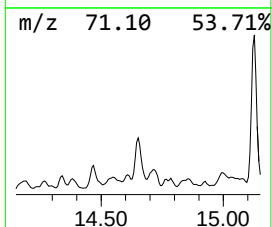
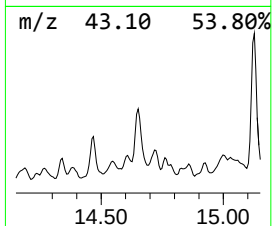
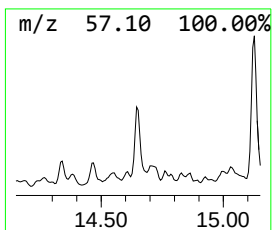
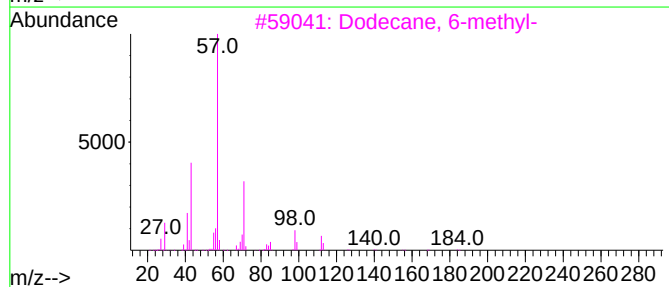
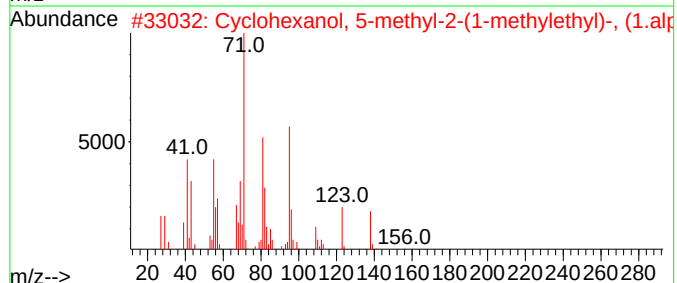
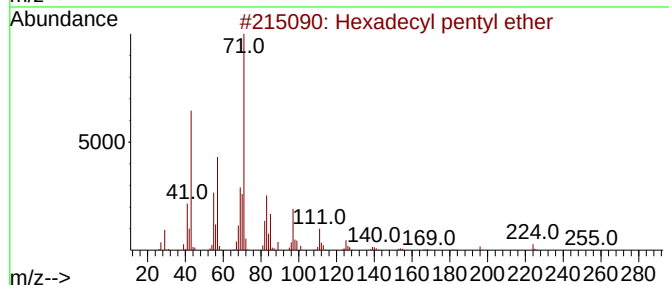
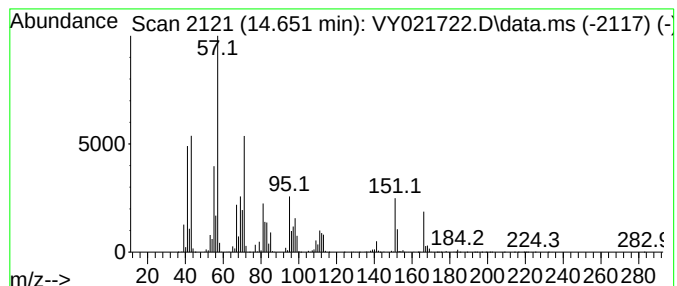
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown14.651 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	91.69 ug/l	3049140	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecyl pentyl ether	312	C21H44O	1000406-41-8	43
2			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	43
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	38
4			2-Methyltetracosane	352	C25H52	001560-78-7	35
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

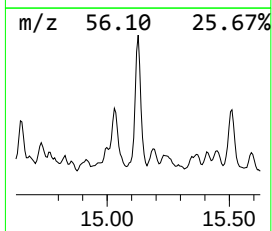
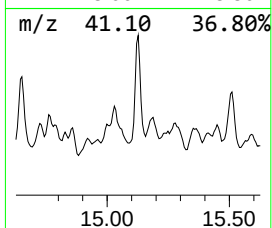
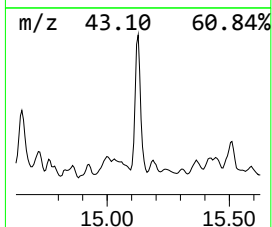
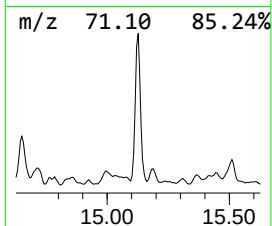
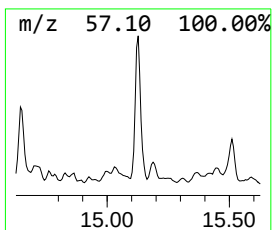
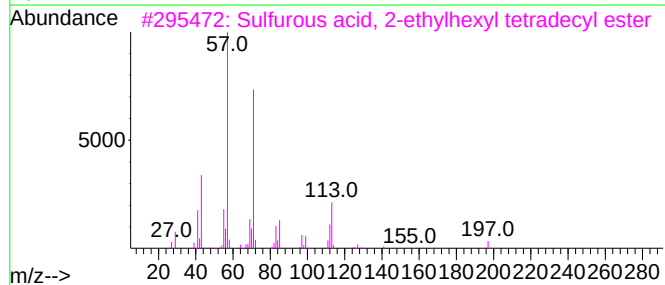
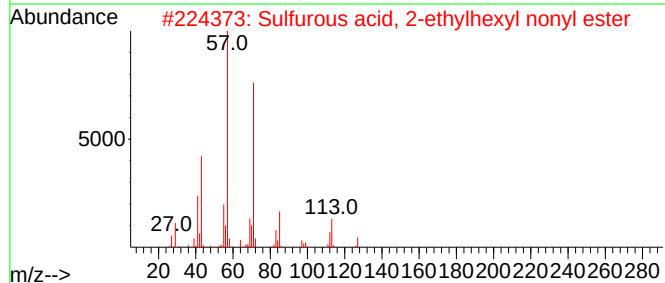
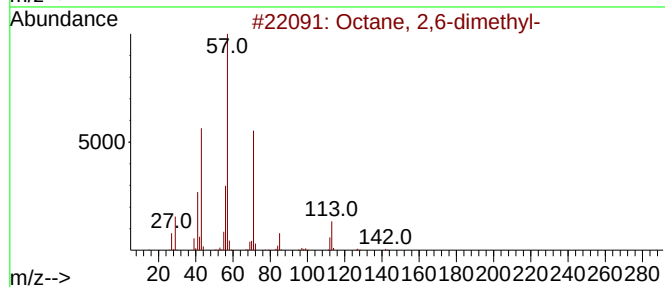
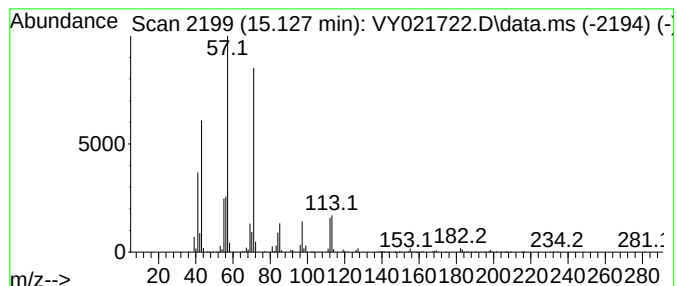
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 11 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	119.04 ug/l	3958870	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
3			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	72
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
5			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

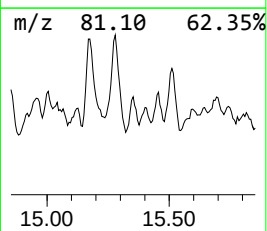
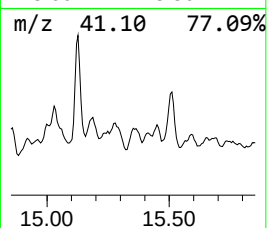
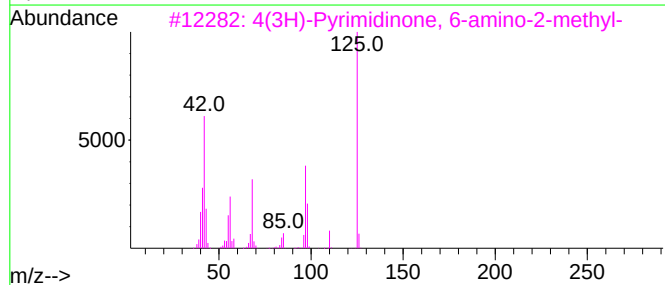
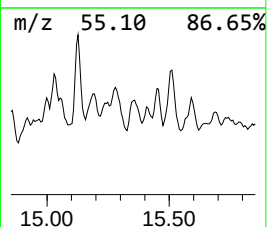
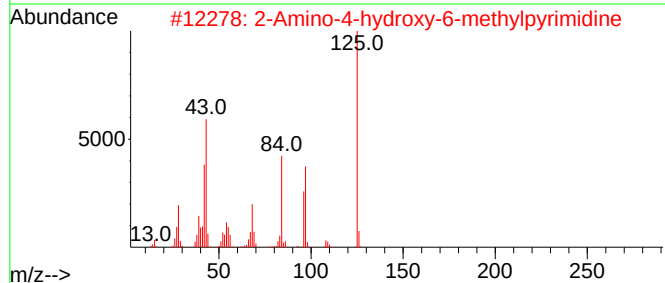
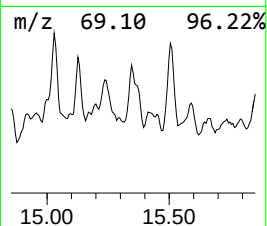
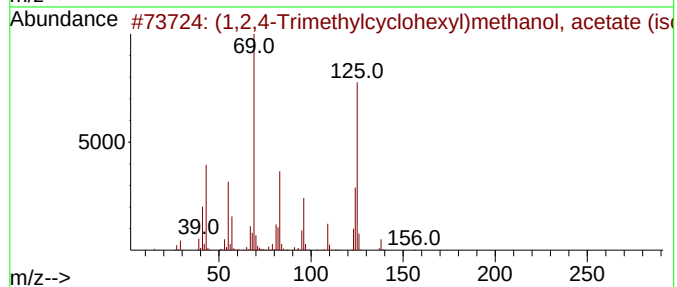
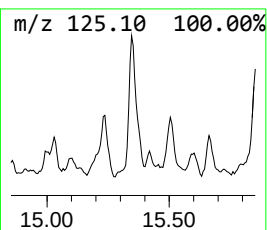
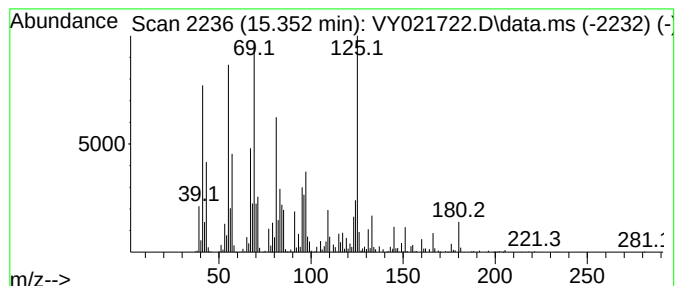
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 12 unknown15.352 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.352	50.63 ug/l	1683810	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1000499-04-5	43
2			2-Amino-4-hydroxy-6-methylpyrimi...	125	C5H7N3O	003977-29-5	25
3			4(3H)-Pyrimidinone, 6-amino-2-me...	125	C5H7N3O	1000338-09-8	25
4			Mandelic acid imine, p-fluoro-	169	C8H8FN02	1000153-29-2	22
5			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

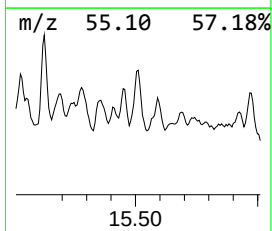
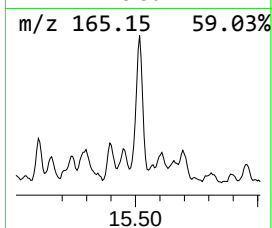
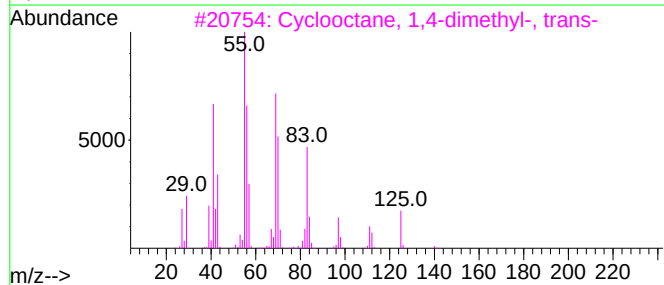
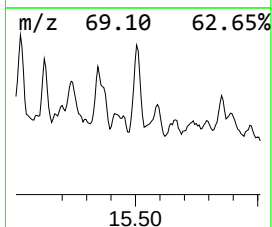
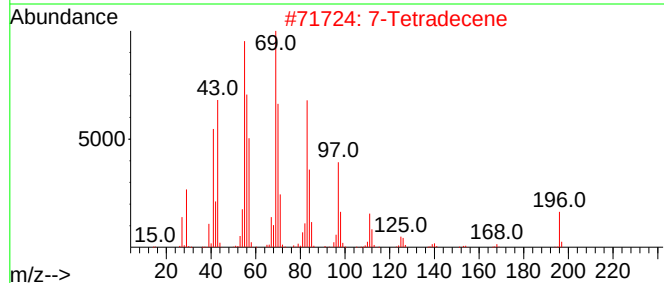
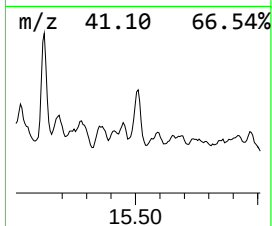
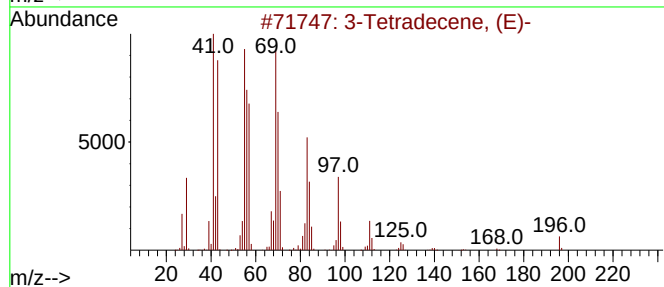
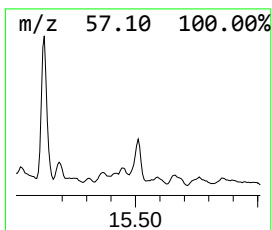
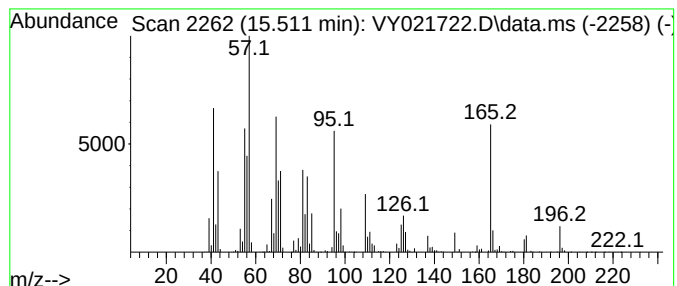
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 13 unknown15.511 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.511	75.74 ug/l	2518980	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Tetradecene, (E)-	196	C14H28	041446-68-8	25
2			7-Tetradecene	196	C14H28	010374-74-0	25
3			Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	25
4			6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	25
5			7-Tetradecene, (E)-	196	C14H28	041446-63-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

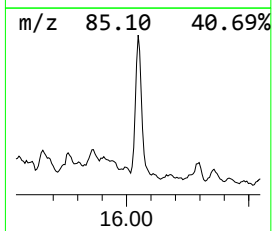
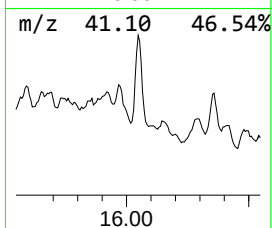
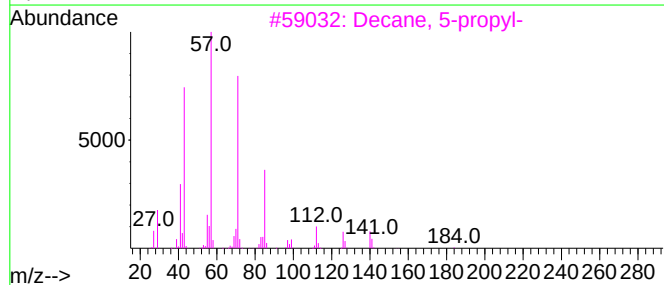
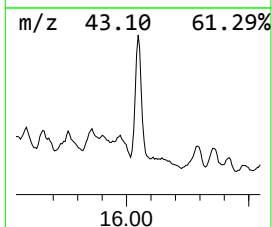
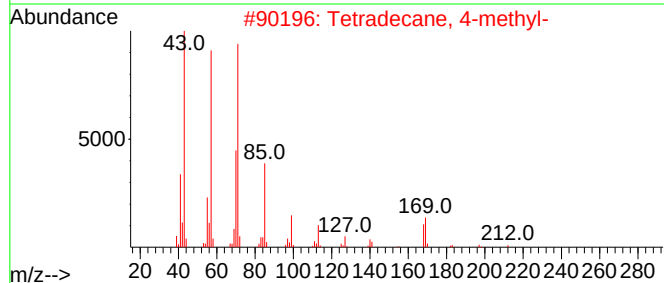
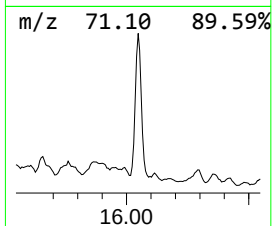
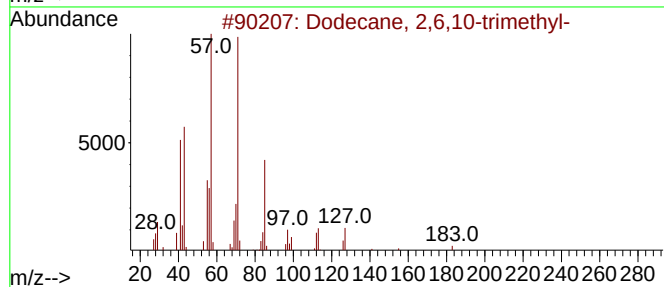
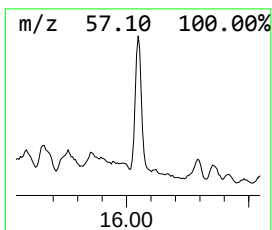
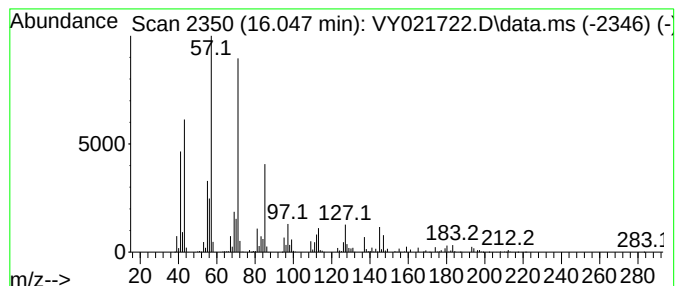
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 14 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.047	77.58 ug/l	2579950	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
3			Decane, 5-propyl-	184	C13H28	017312-62-8	62
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5			Decane, 3-methyl-	156	C11H24	013151-34-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

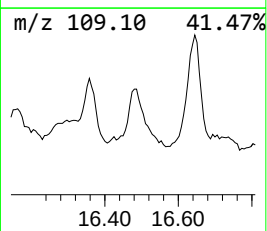
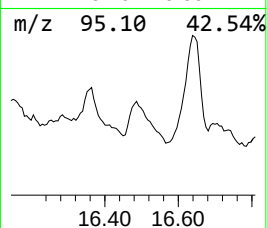
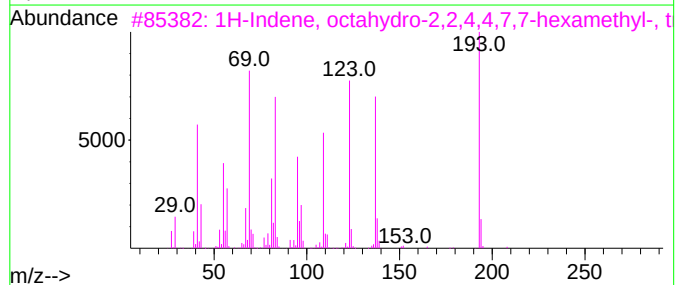
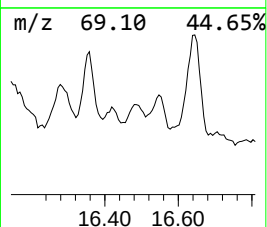
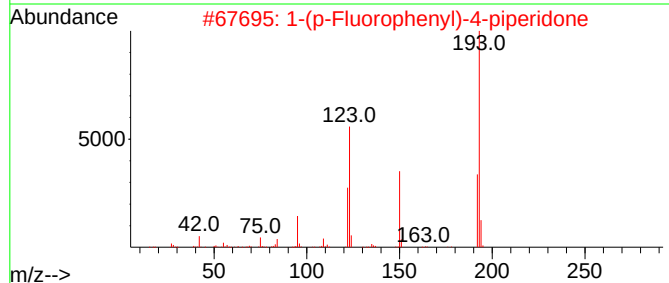
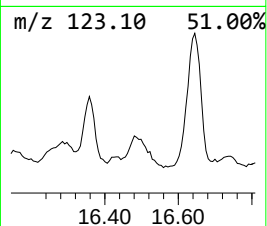
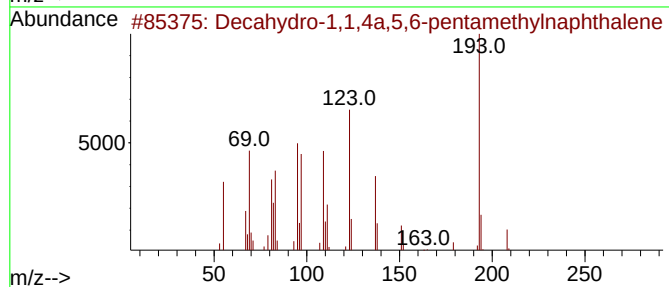
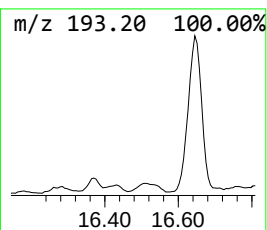
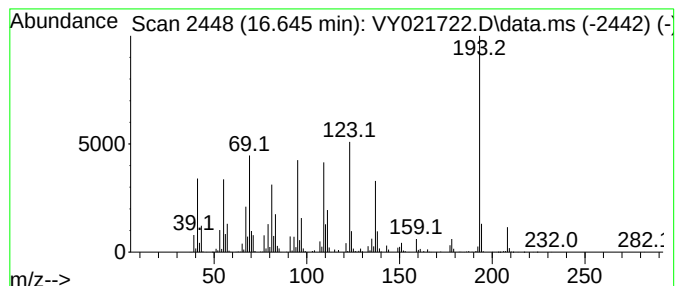
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260

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

Peak Number 15 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.645	72.42 ug/l	2408530	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	83
2			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
3			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
4			N-(4-Bromo-2-chlorophenyl)-2-[4-...	425	C17H17BrClN3O3	1000482-48-9	35
5			4',6'-Dimethoxy-2',3'-dimethylac...	208	C12H16O3	1010244-80-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021722.D
Acq On : 31 Mar 2025 16:11
Operator : SY/MD
Sample : Q1675-08
Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.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
Pentane, 2,4-di...	6.585	63.8	ug/l	1058960	1	7.707	830478	50.0
Hexane, 2,2-dim...	8.244	247.7	ug/l	6110080	2	8.609	1233250	50.0
Pentane, 2,3,4-...	9.542	165.3	ug/l	4078020	2	8.609	1233250	50.0
Pentane, 2,3,3-...	9.670	234.4	ug/l	5781250	2	8.609	1233250	50.0
Cyclohexane, 1,...	12.566	57.5	ug/l	1910510	4	13.347	1662820	50.0
unknown12.652	12.652	63.4	ug/l	2109120	4	13.347	1662820	50.0
Naphthalene, de...	13.664	105.8	ug/l	3518700	4	13.347	1662820	50.0
Naphthalene, de...	14.176	129.0	ug/l	4291320	4	13.347	1662820	50.0
1-Methyldecahyd...	14.340	85.7	ug/l	2849570	4	13.347	1662820	50.0
unknown14.651	14.651	91.7	ug/l	3049140	4	13.347	1662820	50.0
Octane, 2,6-dim...	15.127	119.0	ug/l	3958870	4	13.347	1662820	50.0
unknown15.352	15.352	50.6	ug/l	1683810	4	13.347	1662820	50.0
unknown15.511	15.511	75.7	ug/l	2518980	4	13.347	1662820	50.0
Dodecane, 2,6,1...	16.047	77.6	ug/l	2579950	4	13.347	1662820	50.0
Decahydro-1,1,4...	16.645	72.4	ug/l	2408530	4	13.347	1662820	50.0