

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
 Data File : VY022934.D
 Acq On : 03 Jul 2025 11:53
 Operator : SY/MD
 Sample : Q2491-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-070225

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\82Y062325S.M
 Title : SW846 8260

Signal : TIC: VY022934.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	464	475	490	rBV	29422	95001	5.23%	0.635%
2	5.647	634	644	652	rBV3	15449	45733	2.52%	0.306%
3	7.634	957	970	976	rBV	242149	588796	32.43%	3.934%
4	7.707	976	982	994	rVB	383991	867624	47.79%	5.797%
5	8.061	1030	1040	1054	rBV	221075	488447	26.90%	3.264%
6	8.616	1121	1131	1145	rBV	651973	1304538	71.85%	8.717%
7	10.103	1367	1375	1384	rBV	1041747	1815612	100.00%	12.131%
8	11.012	1519	1524	1530	rBV4	12612	21696	1.19%	0.145%
9	11.219	1548	1558	1567	rVB5	18755	48440	2.67%	0.324%
10	11.414	1583	1590	1602	rBV	1117844	1762486	97.07%	11.776%
11	11.597	1616	1620	1624	rBV4	13009	25491	1.40%	0.170%
12	11.658	1624	1630	1635	rVV3	19525	37622	2.07%	0.251%
13	11.926	1667	1674	1681	rBV4	38920	103521	5.70%	0.692%
14	12.048	1690	1694	1698	rVB2	35195	45542	2.51%	0.304%
15	12.127	1702	1707	1709	rVV3	22331	37843	2.08%	0.253%
16	12.158	1709	1712	1717	rVB4	32794	54751	3.02%	0.366%
17	12.304	1724	1736	1739	rBV4	21472	71681	3.95%	0.479%
18	12.335	1739	1741	1744	rVV	24910	31357	1.73%	0.210%
19	12.402	1747	1752	1758	rVV	864154	1339362	73.77%	8.949%
20	12.444	1758	1759	1764	rVB4	30328	27470	1.51%	0.184%
21	12.566	1775	1779	1786	rVB4	49759	92076	5.07%	0.615%
22	12.646	1786	1792	1798	rBV6	27483	78613	4.33%	0.525%
23	12.731	1798	1806	1811	rBV4	141636	275577	15.18%	1.841%
24	12.780	1811	1814	1819	rVB4	29593	46573	2.57%	0.311%
25	12.871	1825	1829	1833	rBV3	40630	71492	3.94%	0.478%
26	12.926	1835	1838	1840	rVV2	40943	60788	3.35%	0.406%
27	12.963	1840	1844	1850	rVV	135762	213145	11.74%	1.424%
28	13.023	1850	1854	1861	rVV6	23465	47926	2.64%	0.320%
29	13.091	1861	1865	1870	rVV3	40430	64381	3.55%	0.430%
30	13.145	1870	1874	1881	rVB5	37909	85649	4.72%	0.572%
31	13.237	1881	1889	1893	rBV4	85285	185668	10.23%	1.241%
32	13.286	1893	1897	1900	rVV3	55650	90741	5.00%	0.606%
33	13.347	1900	1907	1916	rVB	1022032	1704341	93.87%	11.388%
34	13.426	1916	1920	1925	rBV4	30966	40294	2.22%	0.269%
35	13.481	1925	1929	1933	rBV6	28612	45122	2.49%	0.301%
36	13.578	1941	1945	1953	rBV	53227	94145	5.19%	0.629%

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37	13.670	1954	1960	1964	rBV2	179575	311682	17.17%	2.083%
38	13.712	1964	1967	1969	rBV	24509	32471	1.79%	0.217%
39	13.834	1983	1987	1992	rBV5	38837	79723	4.39%	0.533%
40	13.889	1992	1996	2000	rVB3	80196	121975	6.72%	0.815%
41	13.932	2000	2003	2008	rVB3	41718	59518	3.28%	0.398%
42	13.999	2008	2014	2018	rBV2	95333	154403	8.50%	1.032%
43	14.054	2018	2023	2030	rBV5	45251	106244	5.85%	0.710%
44	14.133	2030	2036	2038	rBV5	37911	77541	4.27%	0.518%
45	14.176	2038	2043	2050	rVV7	72473	160702	8.85%	1.074%
46	14.249	2053	2055	2059	rVB	49214	59982	3.30%	0.401%
47	14.298	2059	2063	2066	rBV3	55906	75011	4.13%	0.501%
48	14.334	2066	2069	2074	rVB2	70209	88575	4.88%	0.592%
49	14.529	2097	2101	2105	rBV2	58774	75451	4.16%	0.504%
50	14.590	2105	2111	2117	rBV4	126222	282032	15.53%	1.884%
51	14.651	2117	2121	2127	rVB3	60435	105970	5.84%	0.708%
52	14.859	2151	2155	2158	rBV5	61192	94568	5.21%	0.632%
53	14.968	2167	2173	2179	rVB3	58464	112043	6.17%	0.749%
54	15.121	2192	2198	2206	rVB7	46102	104610	5.76%	0.699%
55	15.200	2206	2211	2215	rVV3	47506	78253	4.31%	0.523%
56	15.273	2216	2223	2231	rVV5	41251	150775	8.30%	1.007%
57	15.340	2231	2234	2242	rVB7	26353	50207	2.77%	0.335%
58	15.419	2242	2247	2255	rBV9	21159	61904	3.41%	0.414%
59	15.505	2257	2261	2265	rVB6	20310	30175	1.66%	0.202%
60	15.584	2266	2274	2278	rBV6	34640	87826	4.84%	0.587%
61	15.621	2278	2280	2285	rVB4	26548	34376	1.89%	0.230%
62	15.706	2292	2294	2300	rVB6	15343	24335	1.34%	0.163%
63	15.925	2323	2330	2338	rBV3	52564	107978	5.95%	0.721%
64	16.114	2356	2361	2368	rVV4	52910	108568	5.98%	0.725%
65	16.175	2368	2371	2376	rVB2	20553	32156	1.77%	0.215%
66	16.377	2397	2404	2409	rBV10	15750	50668	2.79%	0.339%
67	16.498	2422	2424	2434	rVB8	15956	36869	2.03%	0.246%

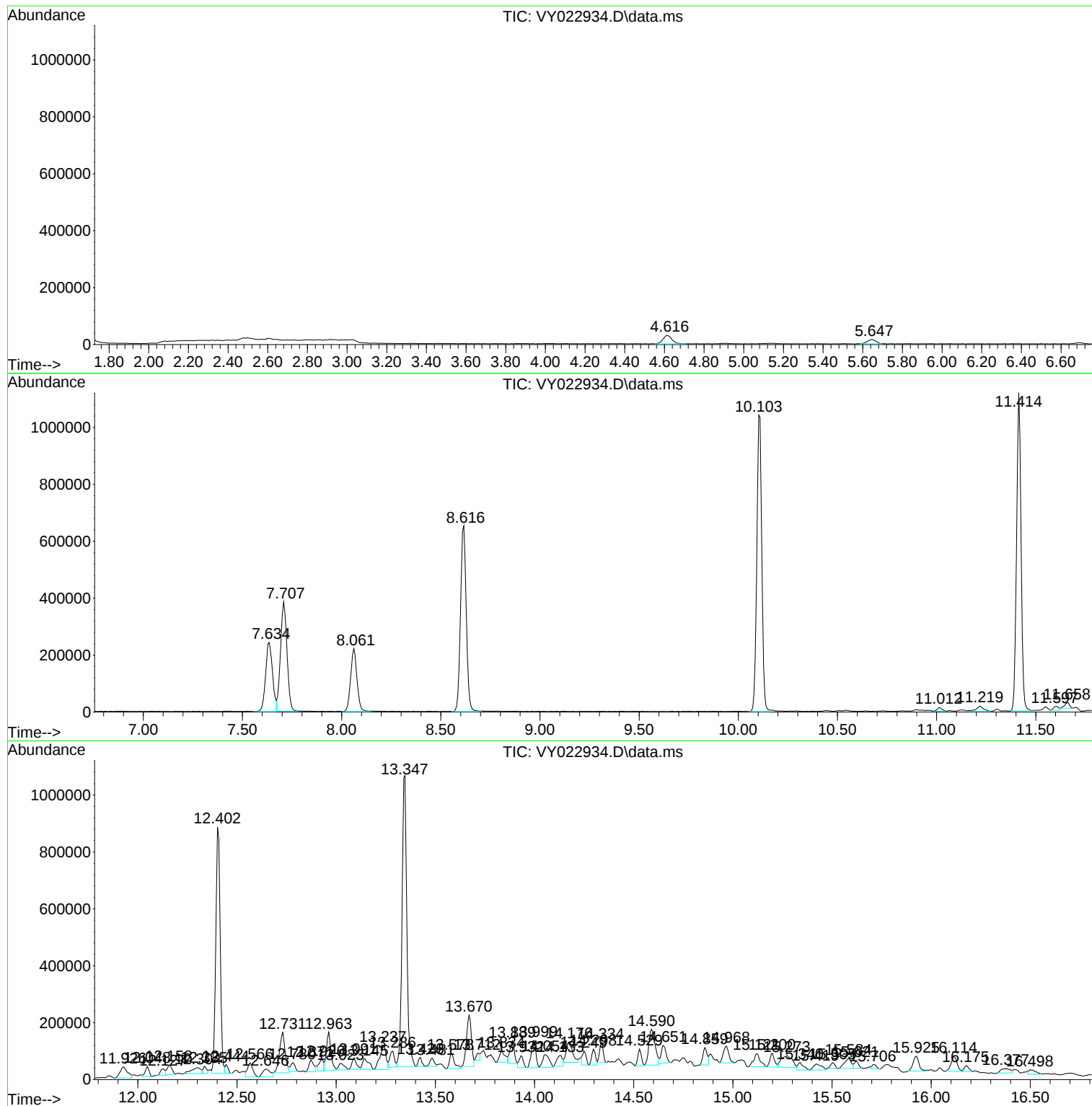
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ClientSampleId :
EO-1-070225

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
EO-1-070225

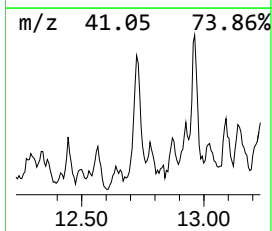
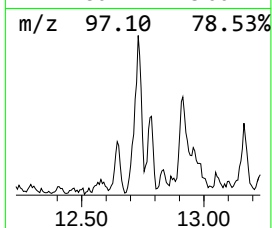
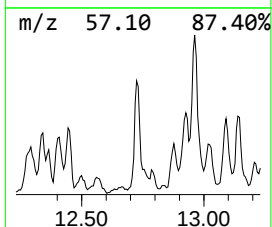
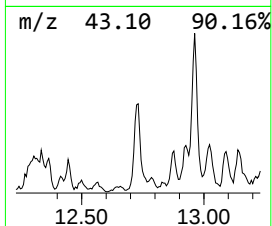
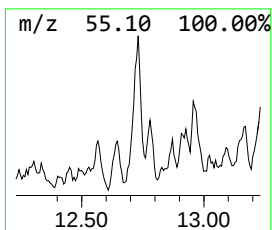
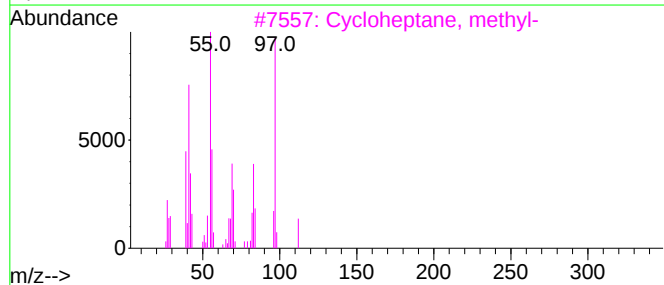
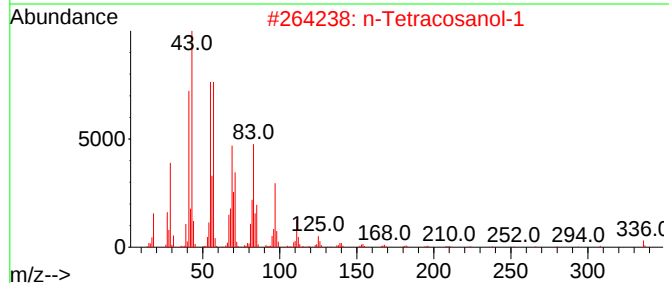
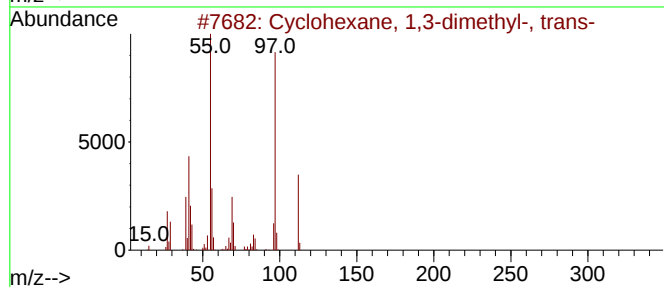
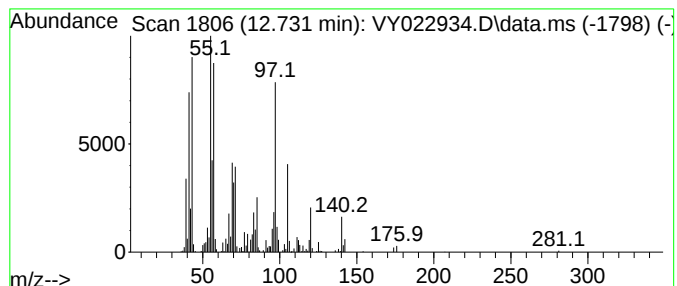
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.731 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.731	8.08 ug/l	275577	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	46
3			Cycloheptane, methyl-	112	C8H16	004126-78-7	46
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	43
5			2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	38



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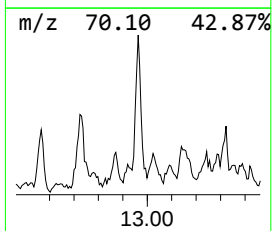
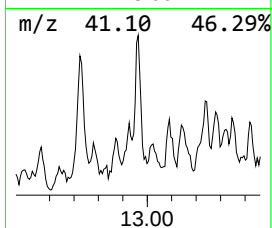
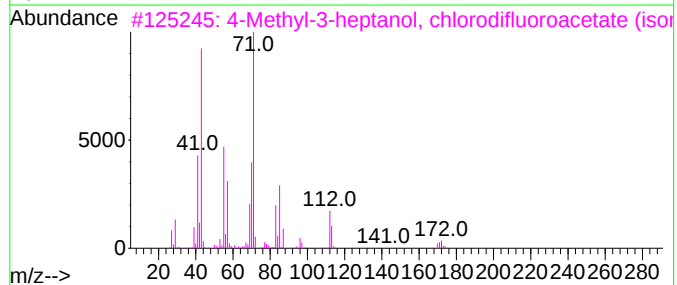
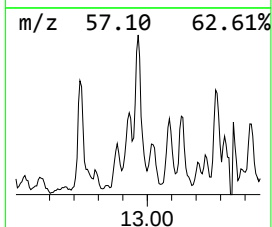
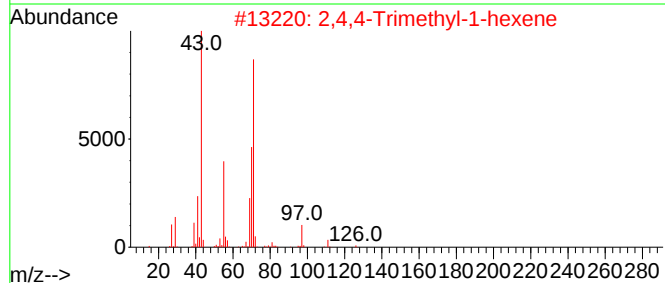
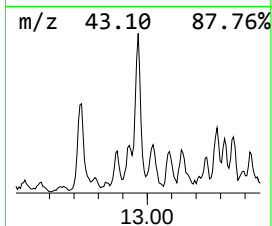
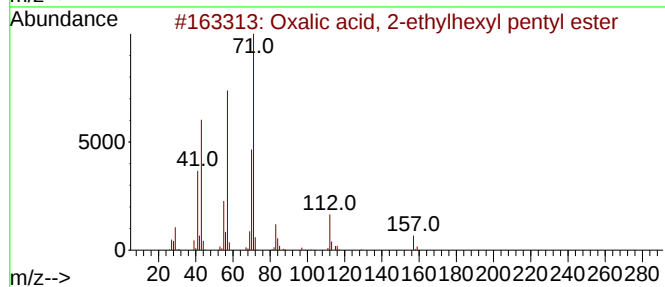
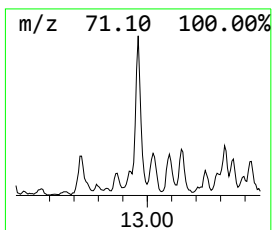
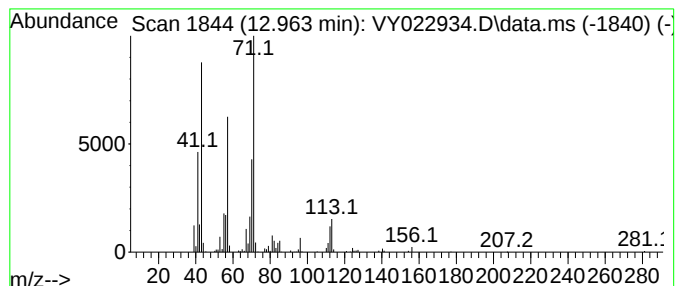
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

Peak Number 3 Oxalic acid, 2-ethylhexyl p... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	6.25 ug/l	213145	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	72
2			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	64
3			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-4	59
4			4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	53
5			n-Amyl ether	158	C10H22O	000693-65-2	53



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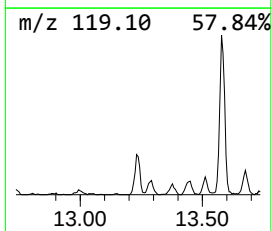
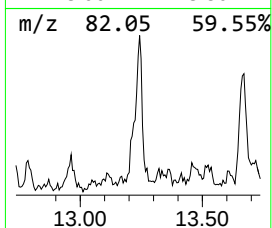
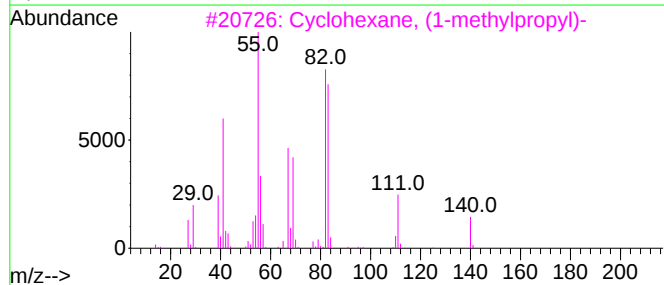
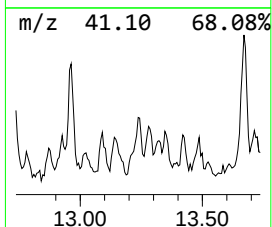
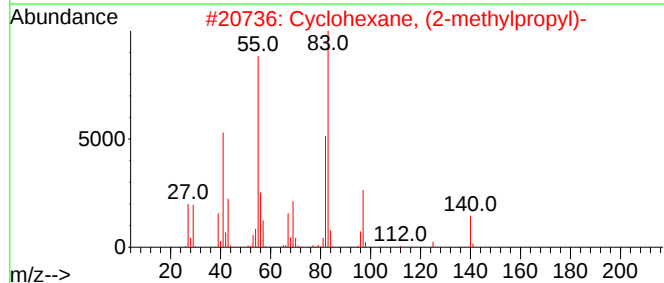
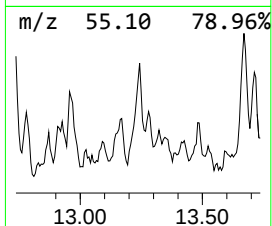
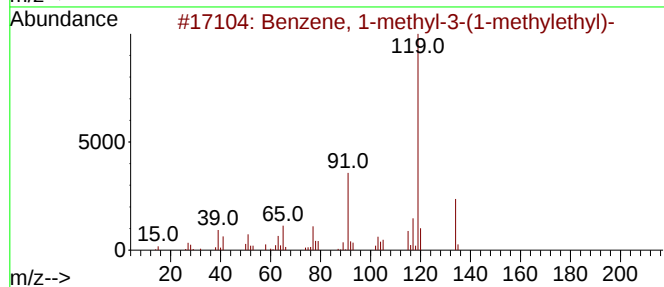
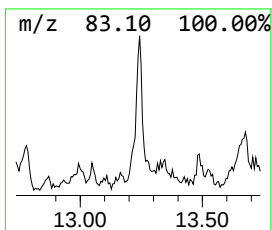
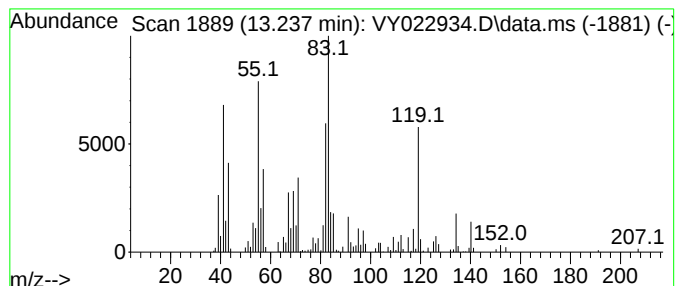
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.237	5.45 ug/l	185668	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	46
3			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	38
4			3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	30
5			p-Cymene	134	C10H14	000099-87-6	25



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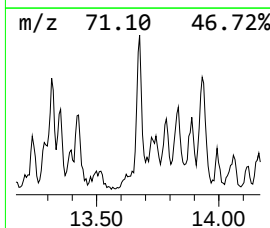
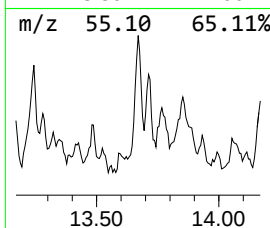
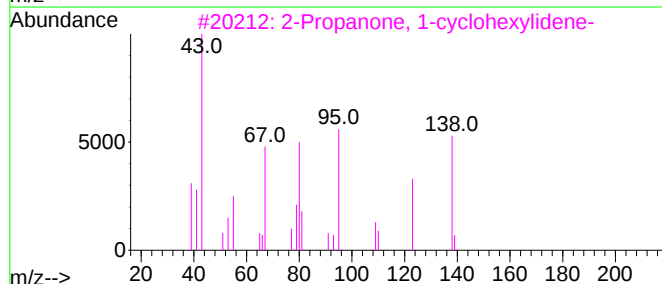
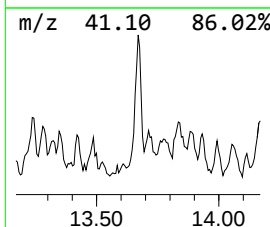
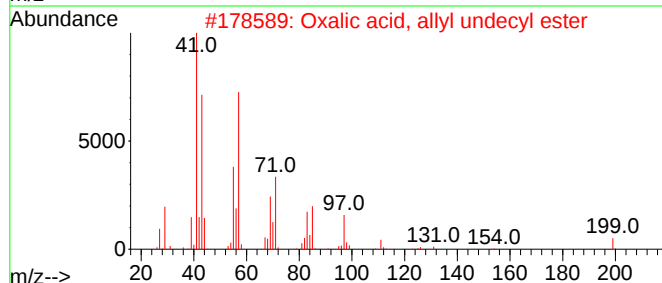
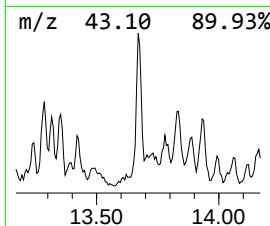
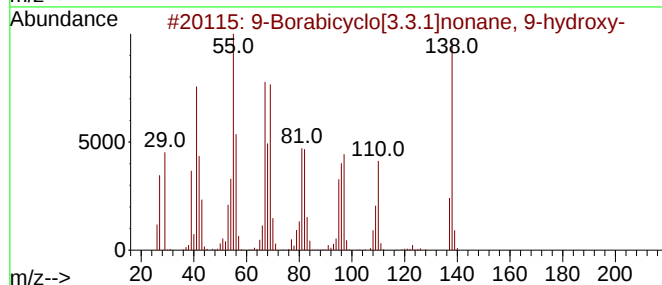
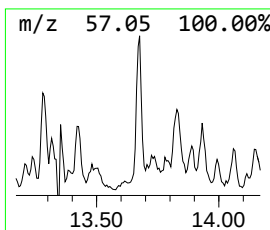
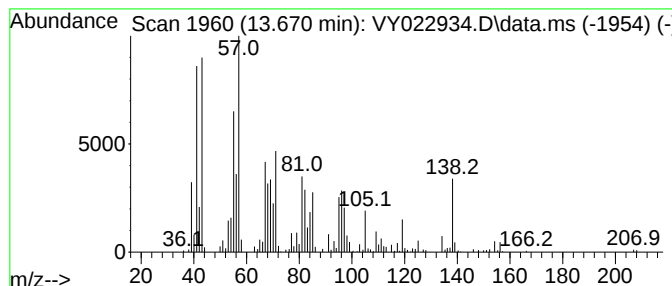
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown13.670 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.670	9.14 ug/l	311682	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	45		
2	Oxalic acid, allyl undecyl ester	284	C16H28O4	1000309-23-9	30		
3	2-Propanone, 1-cyclohexylidene-	138	C9H14O	000874-68-0	22		
4	Cyclohexane, cyclopropyl-	124	C9H16	032669-86-6	18		
5	Undecane	156	C11H24	001120-21-4	18		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
Data File : VY022934.D
Acq On : 03 Jul 2025 11:53
Operator : SY/MD
Sample : Q2491-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-1-070225

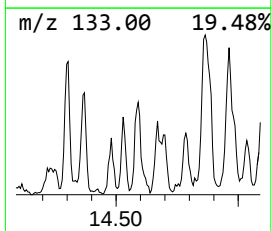
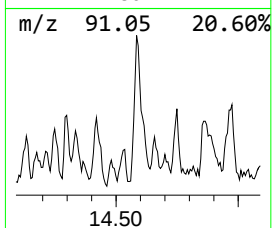
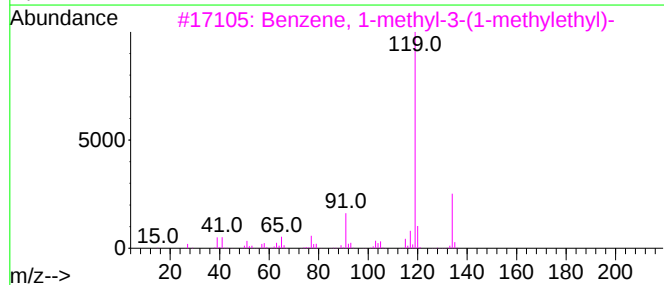
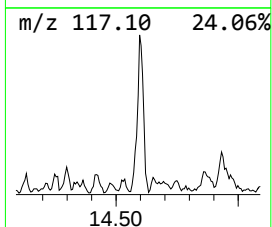
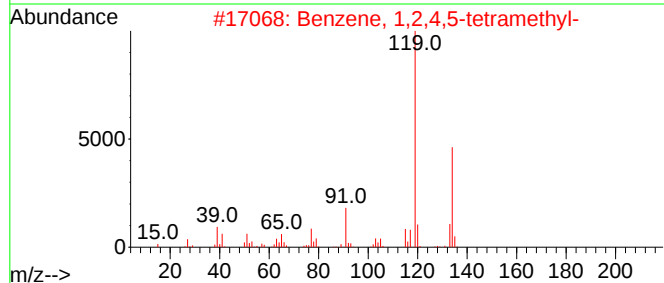
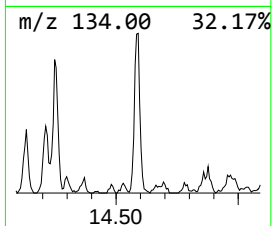
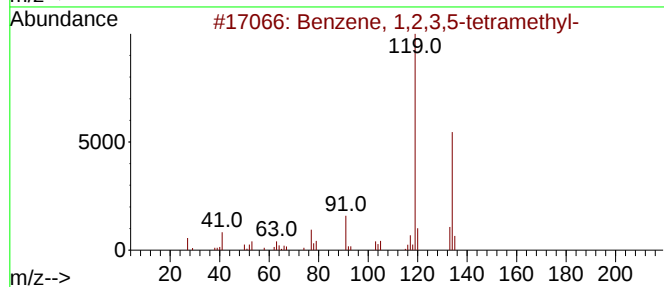
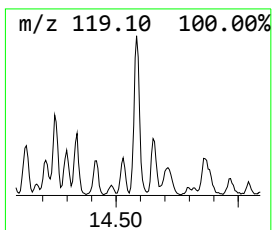
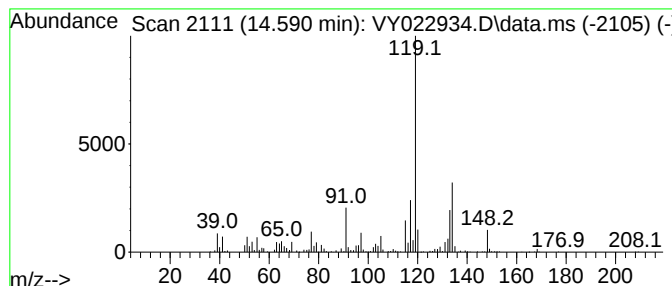
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.590	8.27 ug/l	282032	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5			o-Cymene	134	C10H14	000527-84-4	64



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Data File : VY022934.D
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-1-070225

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown12.731	12.731	8.1	ug/l	275577	4	13.347	1704340	50.0
Oxalic acid, 2-...	12.963	6.3	ug/l	213145	4	13.347	1704340	50.0
Benzene, 1-meth...	13.237	5.5	ug/l	185668	4	13.347	1704340	50.0
unknown13.670	13.670	9.1	ug/l	311682	4	13.347	1704340	50.0
Benzene, 1,2,3,...	14.590	8.3	ug/l	282032	4	13.347	1704340	50.0