

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
 Data File : VY021647.D
 Acq On : 26 Mar 2025 15:24
 Operator : SY/MD
 Sample : Q1637-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-032525

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\82Y030425S.M

Title : SW846 8260

Signal : TIC: VY021647.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	958	970	976	rBV	154596	373318	32.45%	4.365%
2	7.707	976	982	999	rVB	280832	641509	55.77%	7.501%
3	8.061	1029	1040	1053	rBV	116176	269218	23.40%	3.148%
4	8.615	1120	1131	1142	rBV	420524	849523	73.85%	9.933%
5	9.115	1201	1213	1219	rBV6	5227	13267	1.15%	0.155%
6	10.109	1368	1376	1392	rBV	670134	1150348	100.00%	13.450%
7	10.298	1399	1407	1413	rVB6	9651	21419	1.86%	0.250%
8	10.511	1436	1442	1454	rVB	27083	54256	4.72%	0.634%
9	10.895	1498	1505	1508	rVV6	8486	18674	1.62%	0.218%
10	10.962	1512	1516	1520	rVV	13176	21576	1.88%	0.252%
11	11.017	1520	1525	1530	rVB2	14181	26316	2.29%	0.308%
12	11.133	1537	1544	1548	rBV3	7013	12652	1.10%	0.148%
13	11.212	1548	1557	1561	rBV6	16800	39710	3.45%	0.464%
14	11.310	1568	1573	1577	rBV	14977	23157	2.01%	0.271%
15	11.414	1583	1590	1602	rBV	543047	900345	78.27%	10.527%
16	11.603	1616	1621	1623	rBV4	9321	16169	1.41%	0.189%
17	11.639	1623	1627	1629	rBV4	14996	20860	1.81%	0.244%
18	11.706	1635	1638	1643	rVB3	12132	19974	1.74%	0.234%
19	11.932	1667	1675	1686	rBV4	26268	91398	7.95%	1.069%
20	12.054	1690	1695	1698	rVB	29476	39640	3.45%	0.463%
21	12.127	1702	1707	1710	rBV6	19422	33523	2.91%	0.392%
22	12.163	1710	1713	1719	rVB4	26861	49727	4.32%	0.581%
23	12.304	1730	1736	1740	rBV8	10736	22108	1.92%	0.258%
24	12.340	1740	1742	1747	rVB3	12552	11679	1.02%	0.137%
25	12.407	1747	1753	1759	rBV2	401441	636592	55.34%	7.443%
26	12.566	1775	1779	1787	rVB4	39438	75561	6.57%	0.883%
27	12.657	1787	1794	1797	rBV6	21010	50894	4.42%	0.595%
28	12.737	1797	1807	1812	rVV3	93384	211839	18.42%	2.477%
29	12.785	1812	1815	1820	rVB3	29868	45958	4.00%	0.537%
30	12.895	1826	1833	1838	rBV3	31954	86825	7.55%	1.015%
31	12.962	1840	1844	1852	rVB	57289	95707	8.32%	1.119%
32	13.041	1852	1857	1862	rBV8	11502	25087	2.18%	0.293%
33	13.090	1862	1865	1871	rBV7	13950	24867	2.16%	0.291%
34	13.145	1871	1874	1876	rBV2	15902	20798	1.81%	0.243%
35	13.243	1882	1890	1894	rBV4	60213	126109	10.96%	1.475%
36	13.291	1894	1898	1901	rVV4	21465	37794	3.29%	0.442%

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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\82Y030425S.M
 Title : SW846 8260

37	13.346	1901	1907	1918	rVB2	436410	783193	68.08%	9.157%
38	13.492	1925	1931	1934	rBV4	19671	39989	3.48%	0.468%
39	13.541	1936	1939	1943	rVV2	35257	50801	4.42%	0.594%
40	13.584	1943	1946	1954	rVB2	53980	95539	8.31%	1.117%
41	13.669	1954	1960	1965	rBV3	69451	127438	11.08%	1.490%
42	13.742	1965	1972	1977	rBV2	40167	78034	6.78%	0.912%
43	13.840	1985	1988	1991	rBV3	16542	23962	2.08%	0.280%
44	13.889	1992	1996	2002	rVB2	59776	98618	8.57%	1.153%
45	13.998	2009	2014	2019	rVB2	63662	101820	8.85%	1.191%
46	14.072	2019	2026	2030	rBV6	16130	41242	3.59%	0.482%
47	14.133	2030	2036	2039	rBV3	26320	43190	3.75%	0.505%
48	14.175	2039	2043	2046	rVV4	26018	43152	3.75%	0.505%
49	14.218	2046	2050	2053	rVV2	24449	41888	3.64%	0.490%
50	14.255	2053	2056	2060	rVB	40824	58047	5.05%	0.679%
51	14.303	2060	2064	2067	rBV3	26282	36382	3.16%	0.425%
52	14.340	2067	2070	2074	rVB2	27697	34499	3.00%	0.403%
53	14.480	2090	2093	2098	rBV7	13028	23010	2.00%	0.269%
54	14.535	2098	2102	2106	rVB	31872	42420	3.69%	0.496%
55	14.596	2106	2112	2119	rBV3	88355	191623	16.66%	2.241%
56	14.657	2119	2122	2128	rVB4	20710	32785	2.85%	0.383%
57	14.748	2133	2137	2142	rBV	33924	54020	4.70%	0.632%
58	14.864	2152	2156	2159	rBV3	23794	36887	3.21%	0.431%
59	14.968	2168	2173	2180	rVB2	29946	57932	5.04%	0.677%
60	15.206	2207	2212	2216	rBV3	21975	44133	3.84%	0.516%
61	15.340	2231	2234	2242	rVB7	13349	25405	2.21%	0.297%
62	15.431	2243	2249	2256	rVB7	9256	21661	1.88%	0.253%
63	15.510	2256	2262	2266	rBV9	8299	14380	1.25%	0.168%
64	15.590	2269	2275	2277	rVV5	10113	23581	2.05%	0.276%
65	15.626	2277	2281	2290	rVV5	24964	47034	4.09%	0.550%
66	15.779	2302	2306	2312	rVB8	5817	11808	1.03%	0.138%
67	15.931	2323	2331	2337	rBV4	18633	37261	3.24%	0.436%
68	16.120	2354	2362	2368	rBV6	14303	32524	2.83%	0.380%

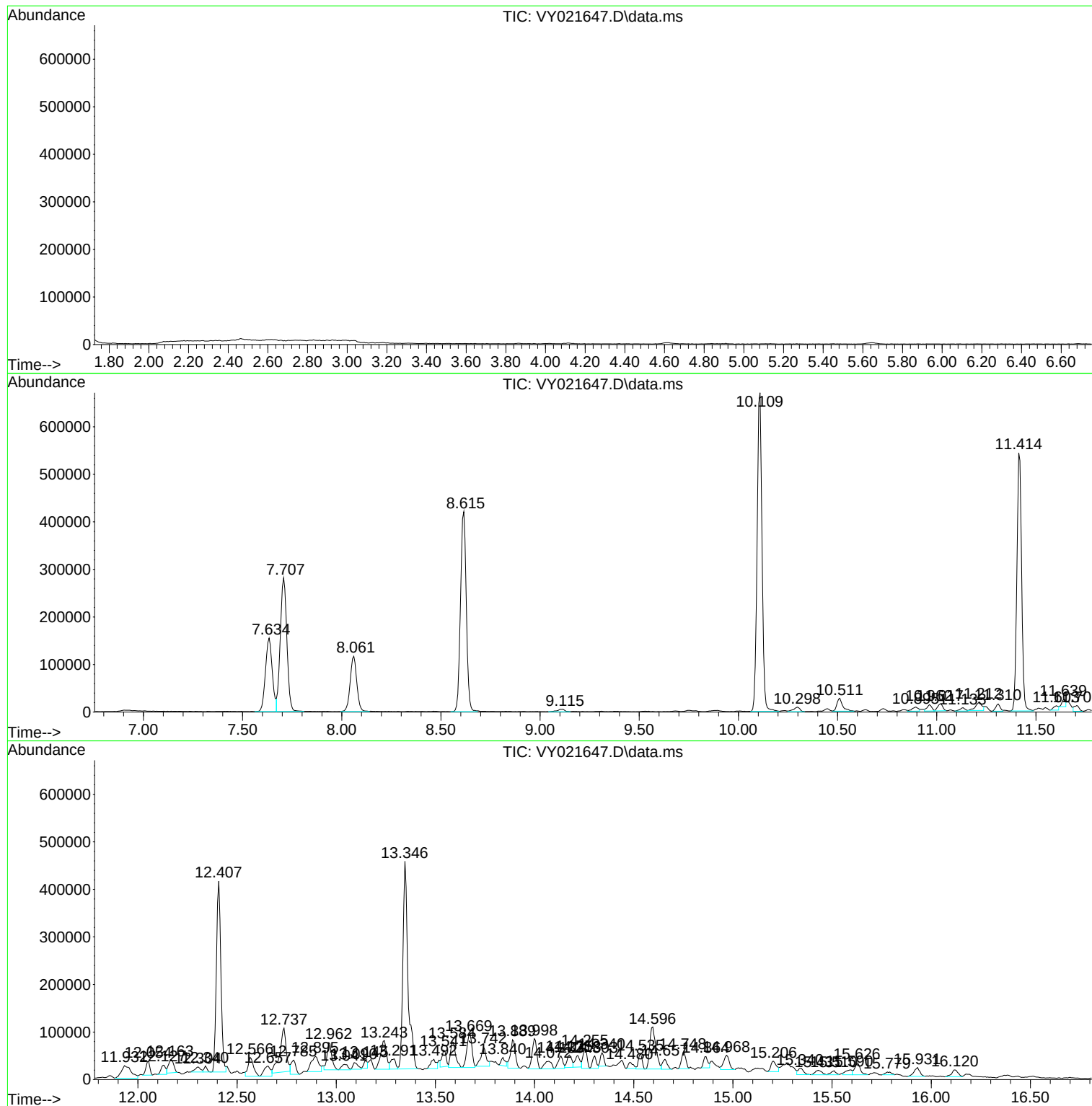
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Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.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-01-032525

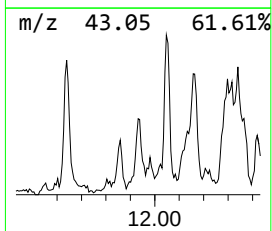
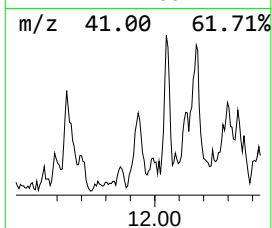
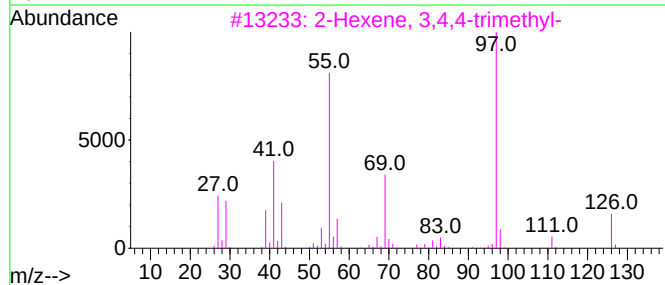
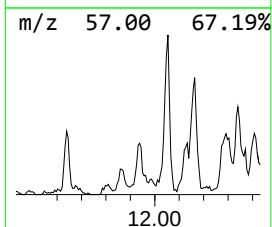
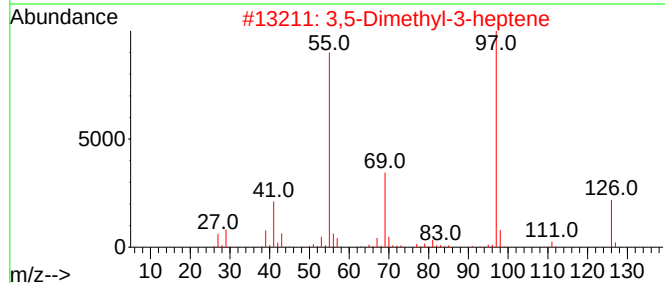
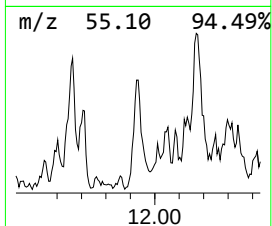
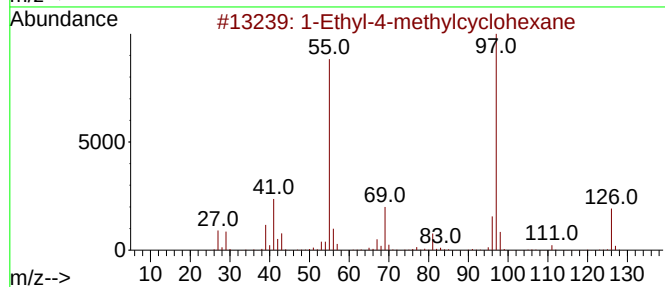
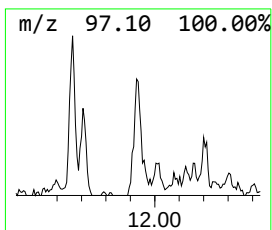
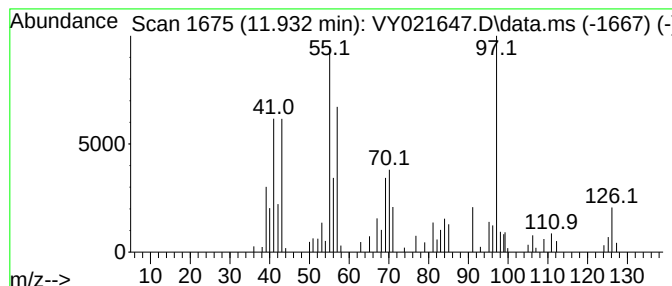
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown11.932 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.932	5.08 ug/l	91398	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	46
2			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	46
3			2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	46
4			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	45
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43



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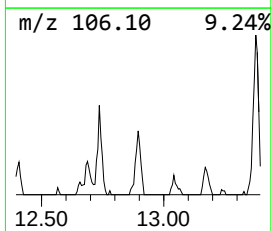
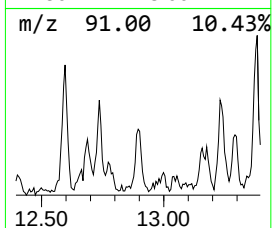
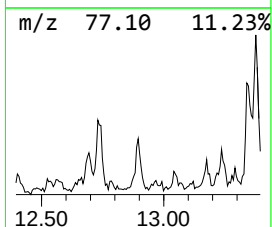
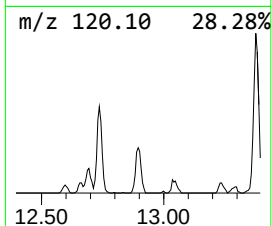
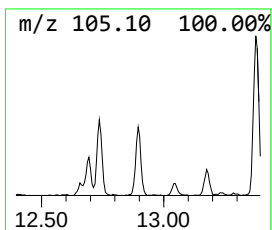
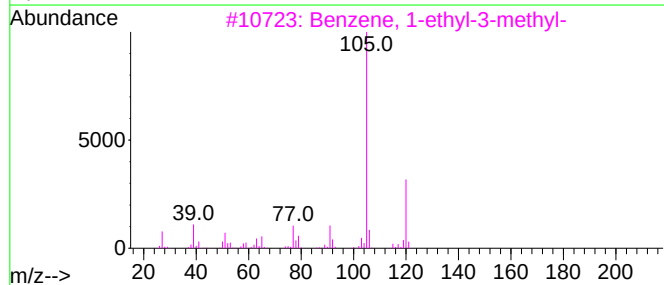
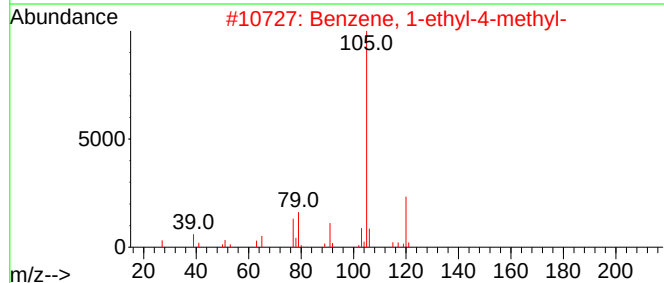
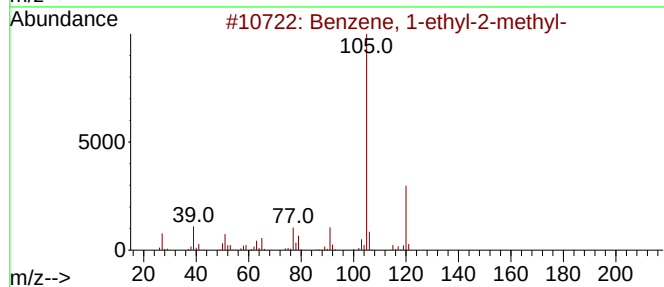
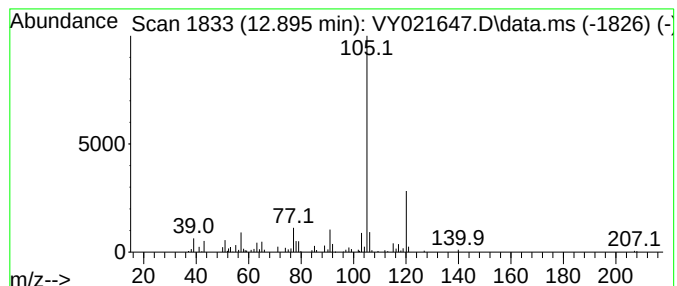
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.895	5.54 ug/l	86825	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
5			Mesitylene	120	C9H12	000108-67-8	83



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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-032525

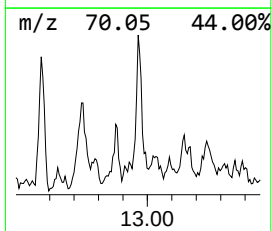
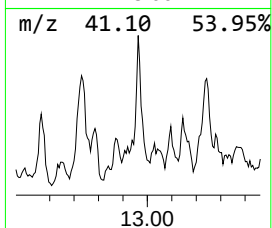
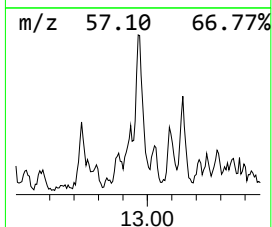
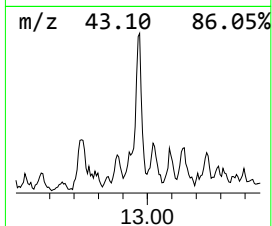
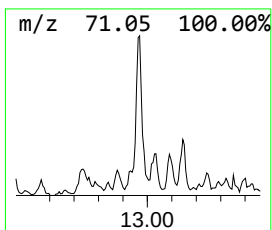
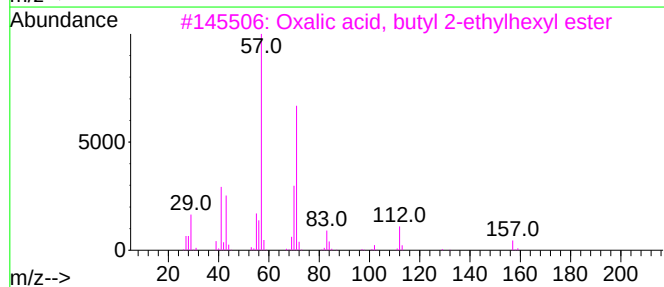
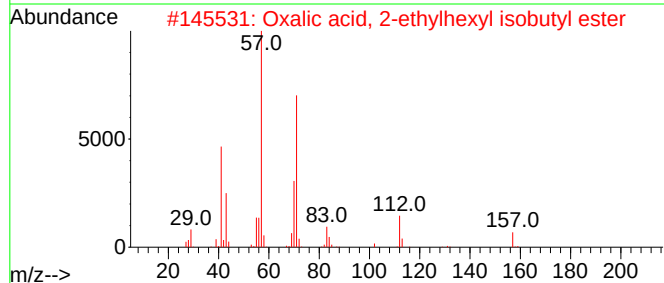
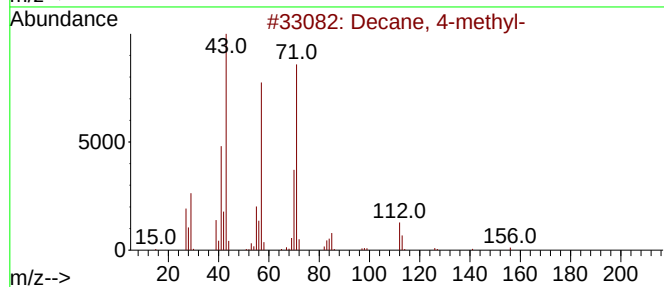
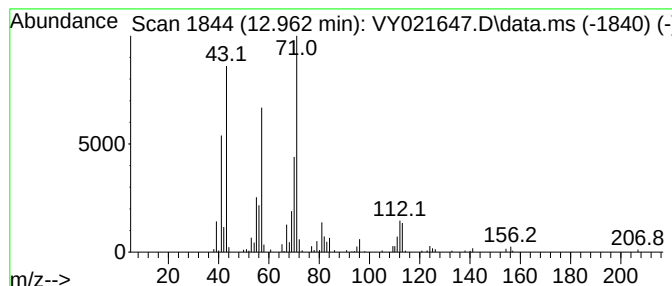
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 3 Decane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.962	6.11 ug/l	95707	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	87
2			Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1010309-38-5	64
3			Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	64
4			4-(Methylamino)-1-thiane-1,1-dione	163	C6H13N02S	1000444-06-6	59
5			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	59



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Instrument :
MSVOA_Y
ClientSampleId :
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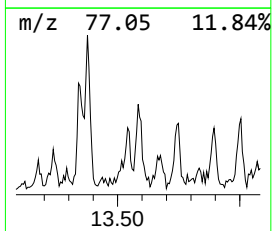
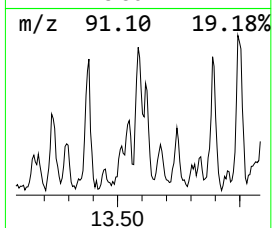
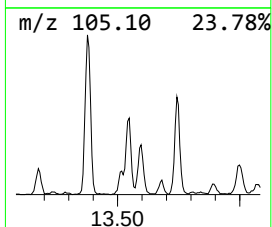
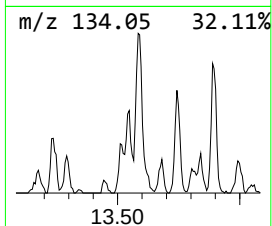
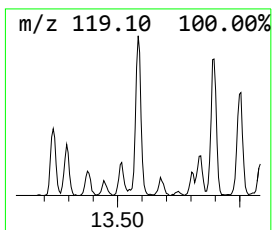
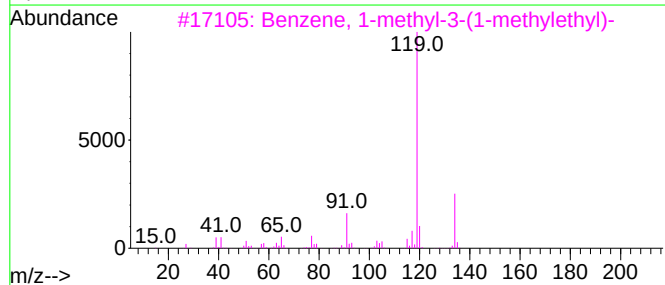
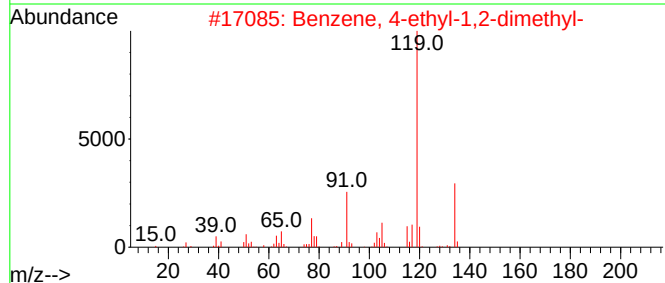
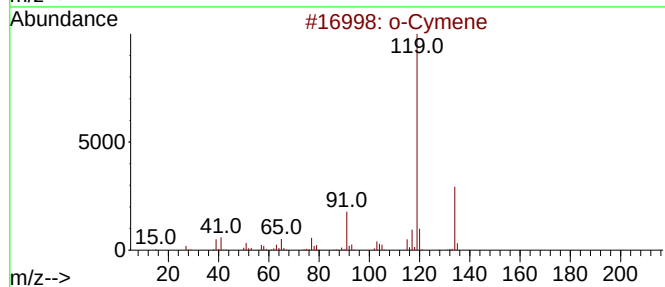
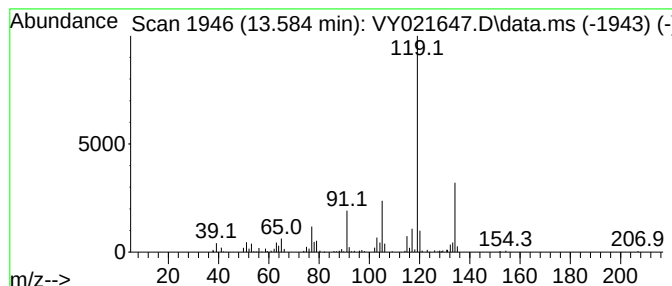
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 4 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.584	6.10 ug/l	95539	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
Data File : VY021647.D
Acq On : 26 Mar 2025 15:24
Operator : SY/MD
Sample : Q1637-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

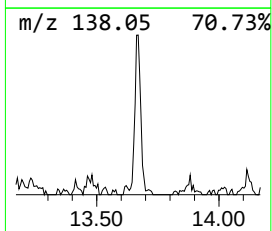
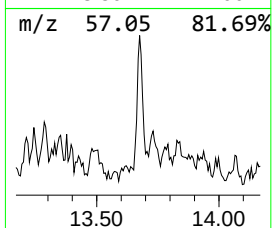
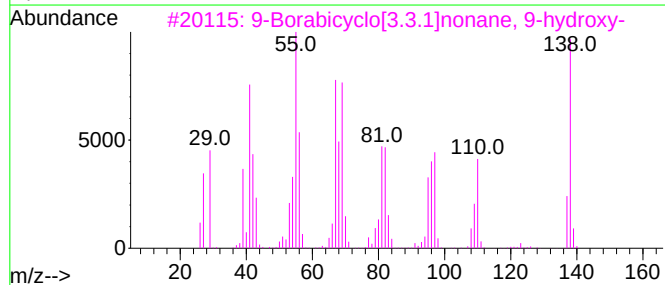
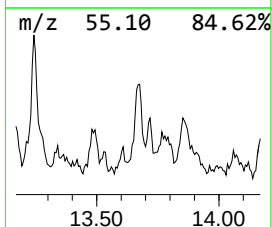
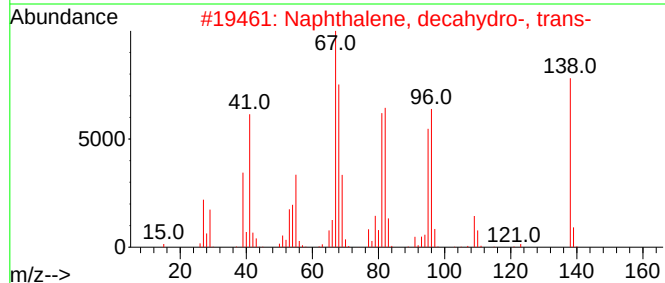
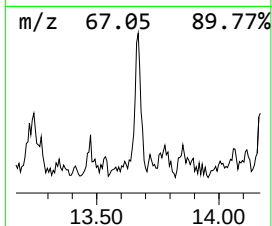
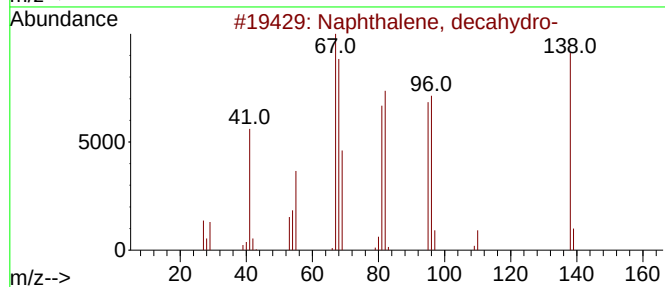
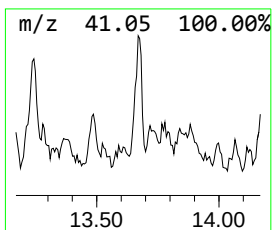
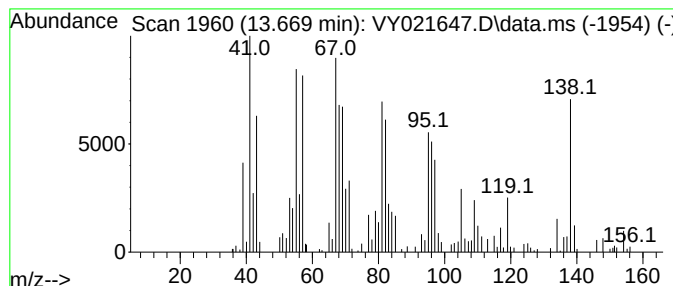
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	8.14 ug/l	127438	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
3			9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	83
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
5			Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
Data File : VY021647.D
Acq On : 26 Mar 2025 15:24
Operator : SY/MD
Sample : Q1637-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

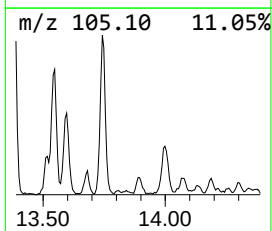
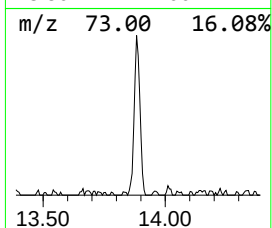
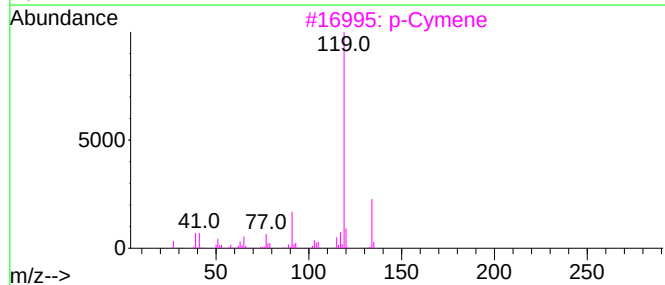
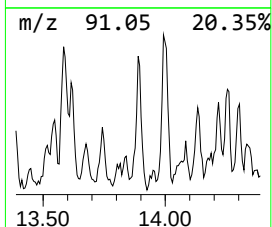
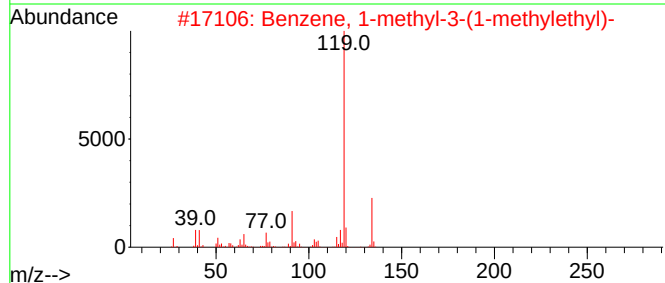
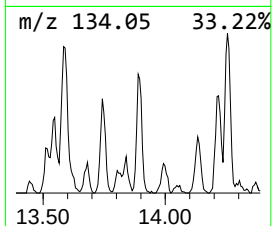
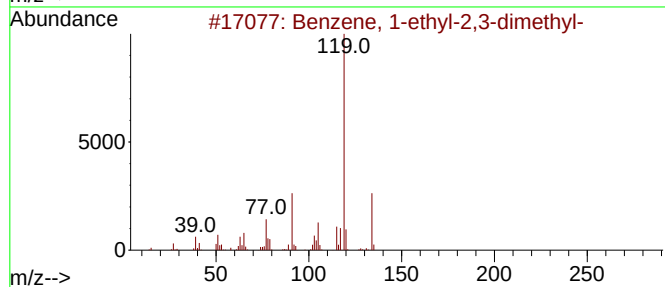
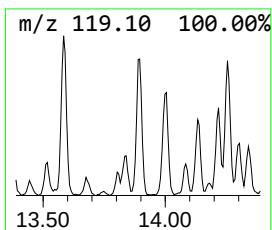
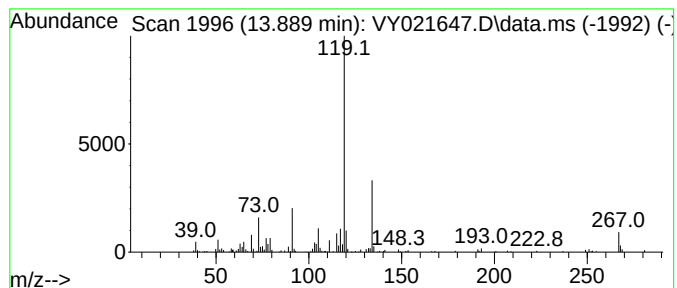
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	6.30 ug/l	98618	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
3			p-Cymene	134	C10H14	000099-87-6	90
4			o-Cymene	134	C10H14	000527-84-4	90
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
Data File : VY021647.D
Acq On : 26 Mar 2025 15:24
Operator : SY/MD
Sample : Q1637-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

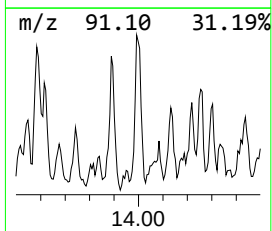
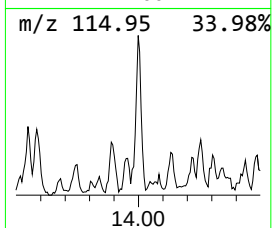
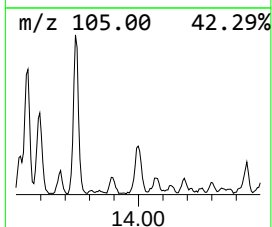
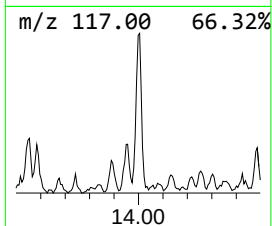
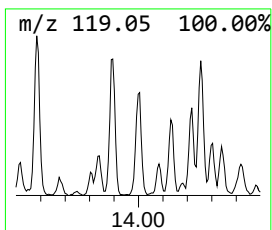
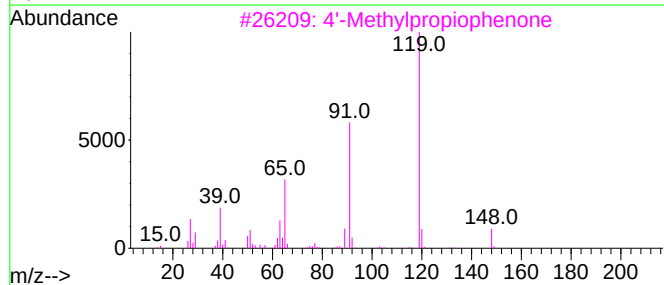
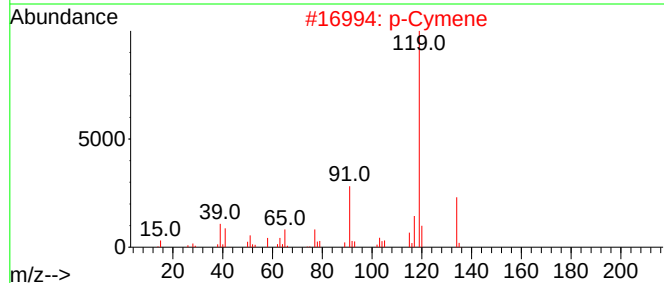
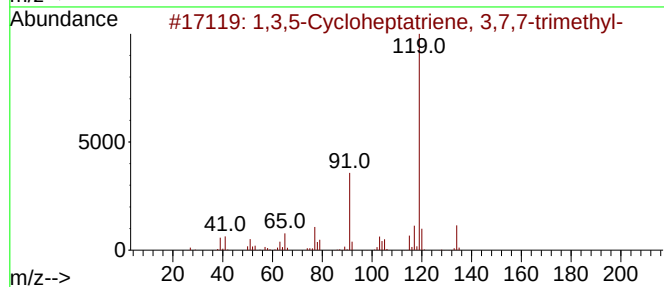
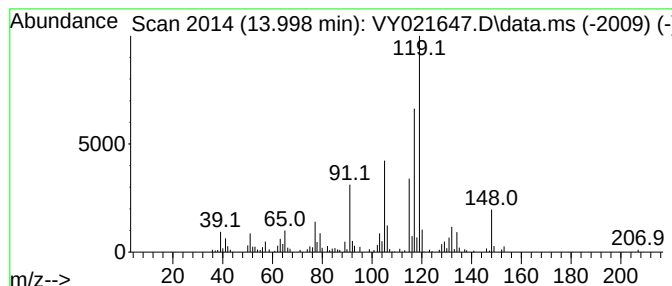
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Quant Title : SW846 8260

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

Peak Number 7 unknown13.999 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.999	6.50 ug/l	101820	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	49
2			p-Cymene	134	C10H14	000099-87-6	46
3			4'-Methylpropiophenone	148	C10H12O	005337-93-9	43
4			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	43
5			Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
Data File : VY021647.D
Acq On : 26 Mar 2025 15:24
Operator : SY/MD
Sample : Q1637-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

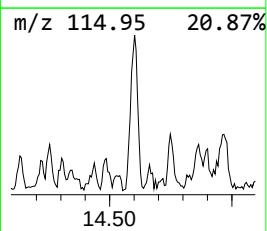
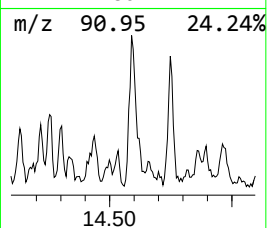
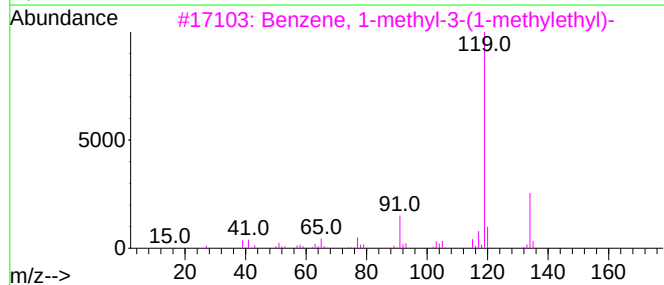
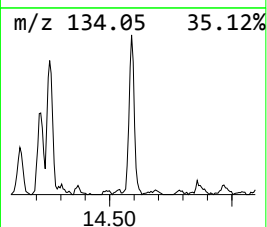
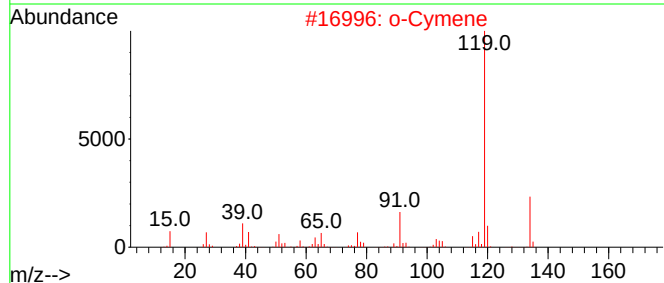
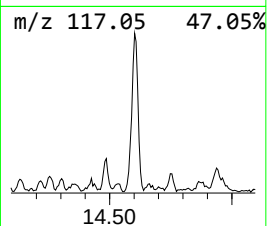
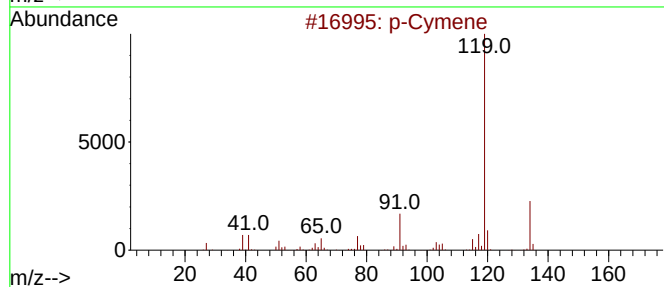
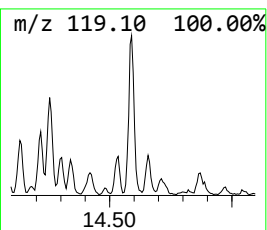
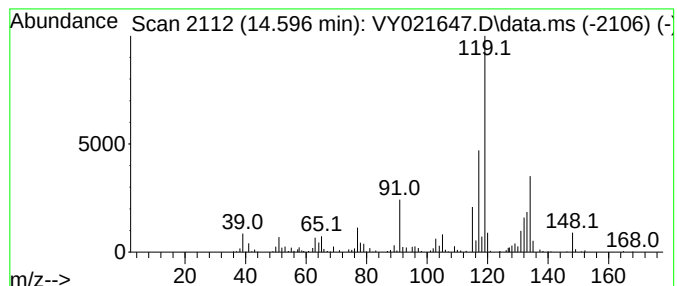
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 8 p-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.596	12.23 ug/l	191623	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	55
2			o-Cymene	134	C10H14	000527-84-4	55
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
Data File : VY021647.D
Acq On : 26 Mar 2025 15:24
Operator : SY/MD
Sample : Q1637-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.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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Benzene, 1-ethy...	12.895	5.5	ug/l	86825	4	13.346	783193	50.0
Decane, 4-methyl-	12.962	6.1	ug/l	95707	4	13.346	783193	50.0
o-Cymene	13.584	6.1	ug/l	95539	4	13.346	783193	50.0
Naphthalene, de...	13.669	8.1	ug/l	127438	4	13.346	783193	50.0
Benzene, 1-ethy...	13.889	6.3	ug/l	98618	4	13.346	783193	50.0
unknown13.999	13.999	6.5	ug/l	101820	4	13.346	783193	50.0
p-Cymene	14.596	12.2	ug/l	191623	4	13.346	783193	50.0