

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021419.D
 Acq On : 05 Mar 2025 17:42
 Operator : SY/MD
 Sample : Q1489-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

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: VY021419.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.086	52	60	61	rBV3	2521	4746	2.34%	0.333%
2	2.117	61	65	68	rBV6	1575	2399	1.18%	0.168%
3	2.171	71	74	76	rBV2	1951	2439	1.20%	0.171%
4	2.336	97	101	103	rBV3	2740	2485	1.23%	0.174%
5	2.793	174	176	180	rVV4	1045	2092	1.03%	0.147%
6	2.854	184	186	197	rVB3	3970	9460	4.67%	0.664%
7	3.299	252	259	264	rBV4	1071	2320	1.14%	0.163%
8	3.860	343	351	355	rBV3	2625	6943	3.42%	0.487%
9	4.104	385	391	393	rBV5	1161	2255	1.11%	0.158%
10	4.616	467	475	477	rBV5	2527	5319	2.62%	0.373%
11	6.884	839	847	859	rBV5	3903	12433	6.13%	0.872%
12	7.634	960	970	976	rBV	29582	72825	35.91%	5.110%
13	7.707	976	982	994	rVB	66541	153640	75.77%	10.781%
14	8.061	1030	1040	1051	rBV	22637	55121	27.18%	3.868%
15	8.615	1123	1131	1143	rBV	81281	163716	80.74%	11.488%
16	10.109	1369	1376	1388	rBV	110171	202774	100.00%	14.229%
17	10.274	1400	1403	1405	rBV2	1574	2202	1.09%	0.155%
18	10.304	1405	1408	1413	rVB4	2196	3193	1.57%	0.224%
19	10.450	1428	1432	1436	rVB5	2022	2733	1.35%	0.192%
20	10.725	1474	1477	1485	rBV5	1323	2317	1.14%	0.163%
21	10.969	1513	1517	1521	rVB4	2838	4338	2.14%	0.304%
22	11.011	1521	1524	1531	rVB3	5142	8611	4.25%	0.604%
23	11.127	1538	1543	1547	rBV7	3039	5964	2.94%	0.419%
24	11.219	1547	1558	1568	rVB10	4355	13617	6.72%	0.956%
25	11.304	1568	1572	1578	rBV4	3939	7279	3.59%	0.511%
26	11.420	1583	1591	1603	rBV	81165	140526	69.30%	9.861%
27	11.554	1609	1613	1616	rVB5	1919	2633	1.30%	0.185%
28	11.597	1616	1620	1625	rBV6	3018	6634	3.27%	0.466%
29	11.664	1625	1631	1635	rVV6	5508	12980	6.40%	0.911%
30	11.706	1635	1638	1643	rVB5	3936	6658	3.28%	0.467%
31	11.853	1660	1662	1668	rVB6	1368	2102	1.04%	0.147%
32	11.926	1668	1674	1681	rBV6	6925	15883	7.83%	1.115%
33	12.054	1690	1695	1698	rVB2	6101	7555	3.73%	0.530%
34	12.127	1703	1707	1709	rVV5	6803	9850	4.86%	0.691%
35	12.164	1709	1713	1724	rVB6	13695	30667	15.12%	2.152%
36	12.243	1724	1726	1729	rBV4	1748	2556	1.26%	0.179%

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37	12.304	1732	1736	1740	rBV6	3425	5821	2.87%	0.408%
38	12.340	1740	1742	1746	rVB5	3214	3450	1.70%	0.242%
39	12.407	1748	1753	1759	rBV3	47282	77003	37.97%	5.403%
40	12.572	1775	1780	1787	rVB7	11027	20915	10.31%	1.468%
41	12.651	1787	1793	1798	rBV9	4631	10735	5.29%	0.753%
42	12.737	1798	1807	1812	rVV6	13788	36537	18.02%	2.564%
43	12.785	1812	1815	1820	rVB6	5902	8871	4.37%	0.622%
44	12.840	1820	1824	1825	rBV4	2764	3981	1.96%	0.279%
45	12.877	1826	1830	1833	rVB5	4859	6789	3.35%	0.476%
46	12.932	1833	1839	1840	rBV5	3748	6486	3.20%	0.455%
47	12.968	1840	1845	1853	rVB3	14092	24998	12.33%	1.754%
48	13.054	1853	1859	1862	rBV8	3974	6752	3.33%	0.474%
49	13.145	1871	1874	1877	rBV4	2994	4325	2.13%	0.303%
50	13.243	1883	1890	1895	rBV7	10035	23497	11.59%	1.649%
51	13.285	1895	1897	1901	rVB4	4189	5061	2.50%	0.355%
52	13.346	1901	1907	1914	rVB	48441	82167	40.52%	5.766%
53	13.426	1916	1920	1924	rVB7	3227	5192	2.56%	0.364%
54	13.486	1924	1930	1934	rBV7	4568	7550	3.72%	0.530%
55	13.547	1934	1940	1945	rVB7	4395	7972	3.93%	0.559%
56	13.602	1945	1949	1955	rBV9	2064	3837	1.89%	0.269%
57	13.669	1955	1960	1965	rBV6	12361	23743	11.71%	1.666%
58	13.718	1965	1968	1971	rVB5	3015	3177	1.57%	0.223%
59	13.779	1974	1978	1979	rBV4	1928	2658	1.31%	0.187%
60	13.938	2002	2004	2009	rVB5	2040	2586	1.28%	0.181%
61	14.005	2011	2015	2020	rVB8	2910	4264	2.10%	0.299%
62	14.066	2020	2025	2030	rBV8	2685	5413	2.67%	0.380%
63	14.169	2037	2042	2051	rVB8	6923	16455	8.11%	1.155%
64	14.340	2066	2070	2075	rVB5	4793	6664	3.29%	0.468%
65	14.590	2107	2111	2118	rBV8	3173	6449	3.18%	0.453%
66	14.651	2118	2121	2126	rVB6	2574	3761	1.85%	0.264%
67	14.962	2167	2172	2175	rBV5	1347	2223	1.10%	0.156%
68	15.151	2197	2203	2209	rVB2	3608	6490	3.20%	0.455%

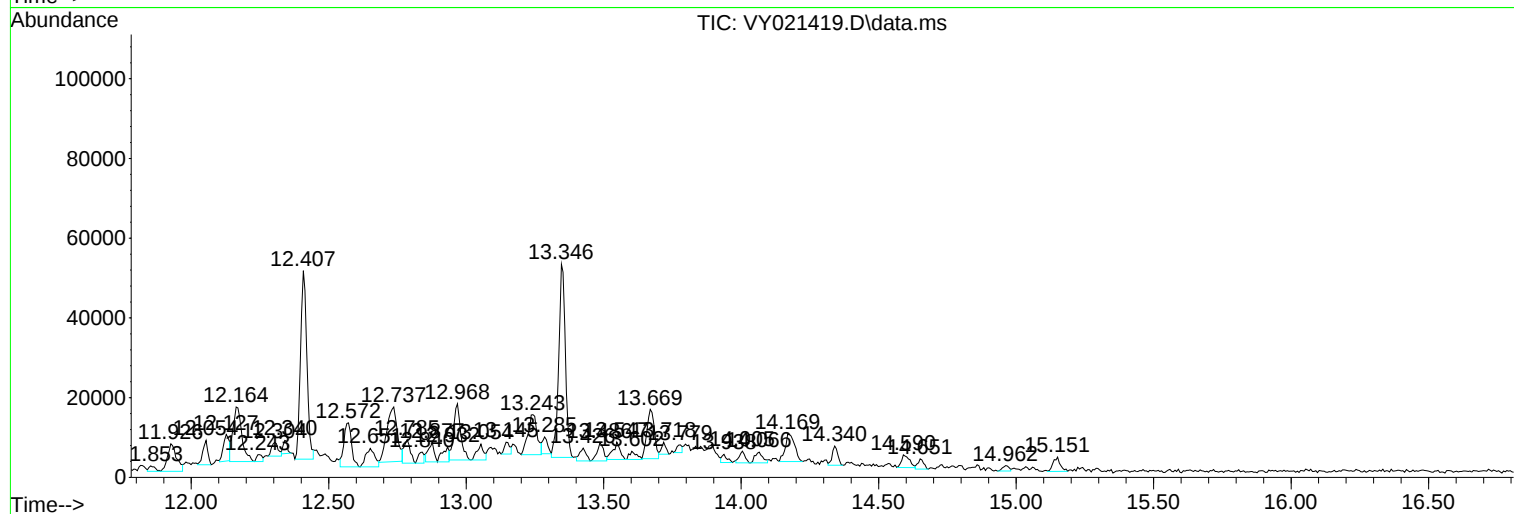
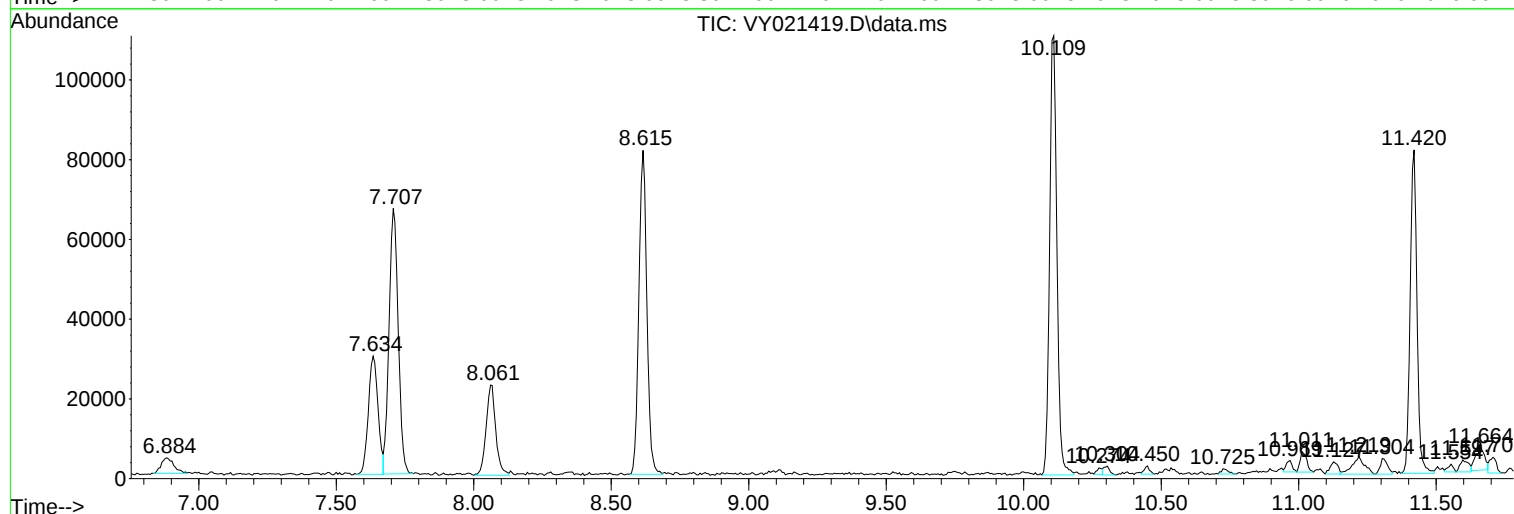
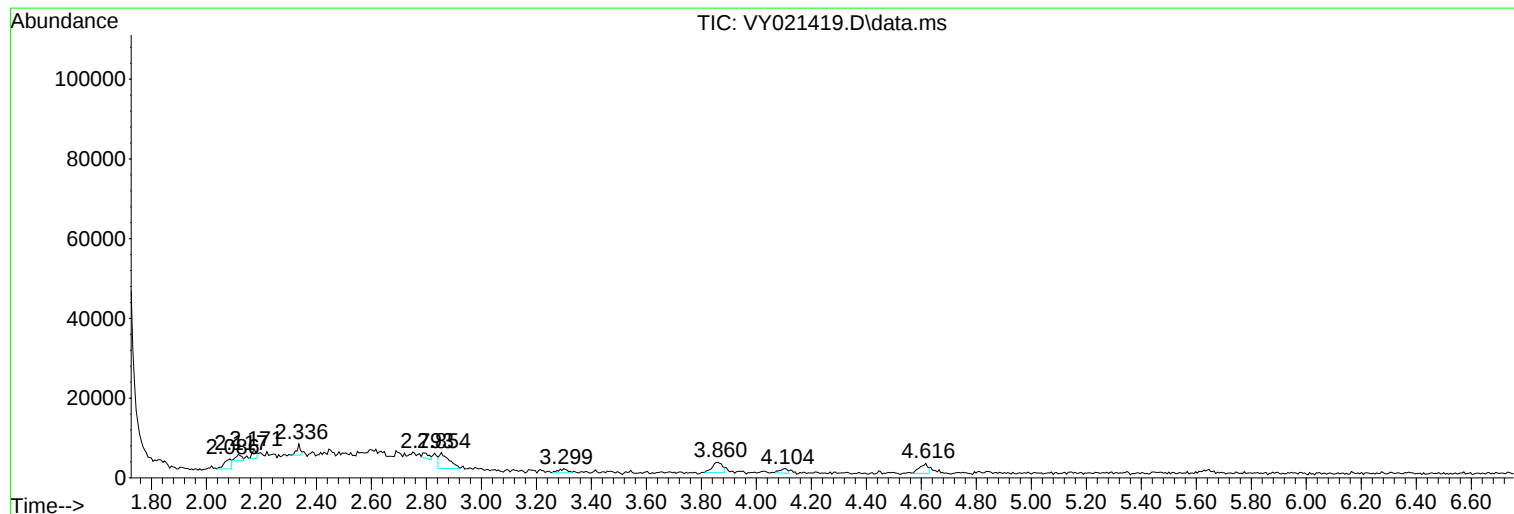
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ClientSampleId :
TP-1

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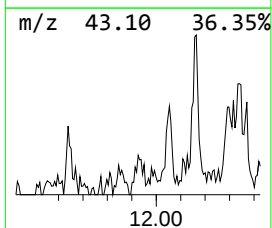
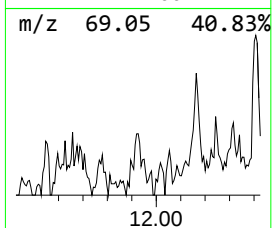
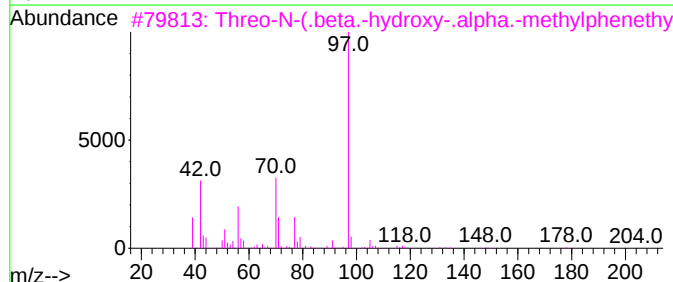
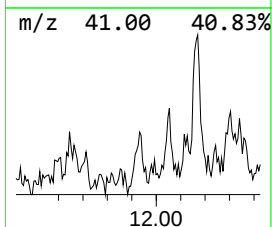
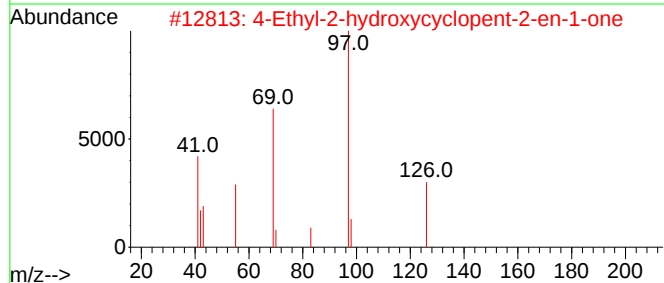
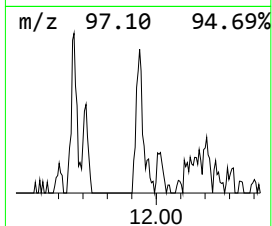
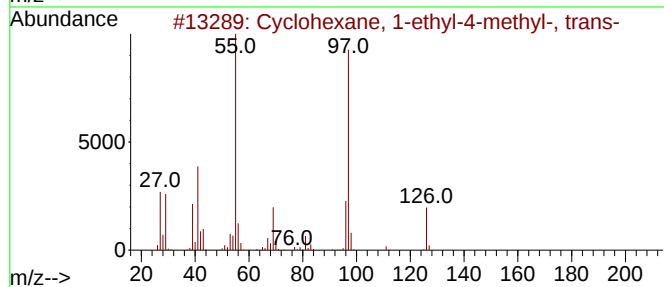
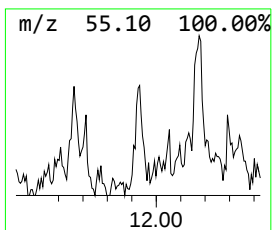
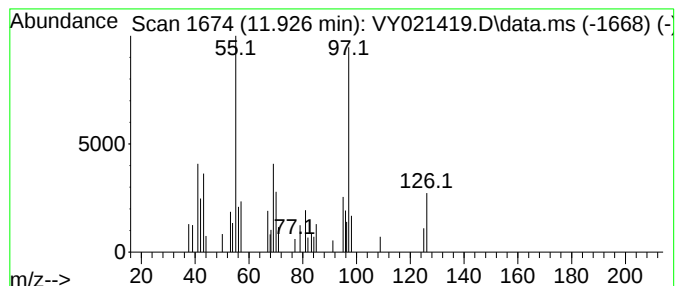
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown11.926 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.926	5.65 ug/l	15883	Chlorobenzene-d5	11.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	46
2			4-Ethyl-2-hydroxycyclopent-2-en-...	126	C7H10O2	028017-62-1	43
3			Threo-N-(.beta.-hydroxy-.alpha.-...	204	C12H16N2O	1000225-56-7	38
4			Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	38
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	38



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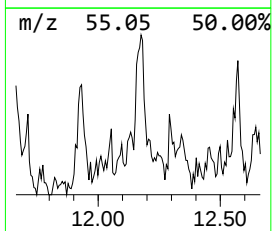
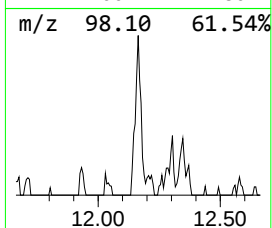
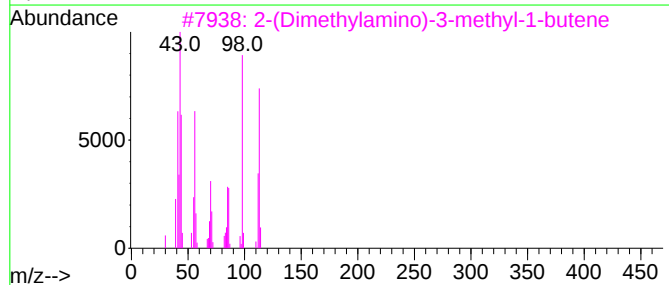
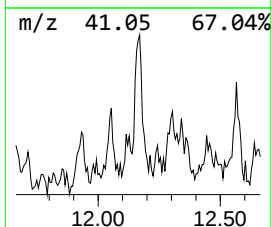
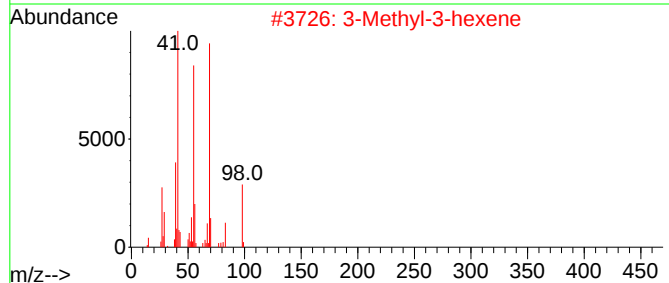
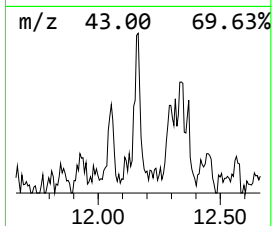
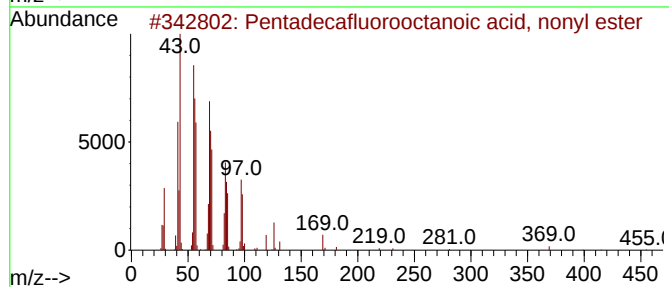
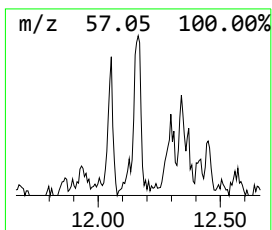
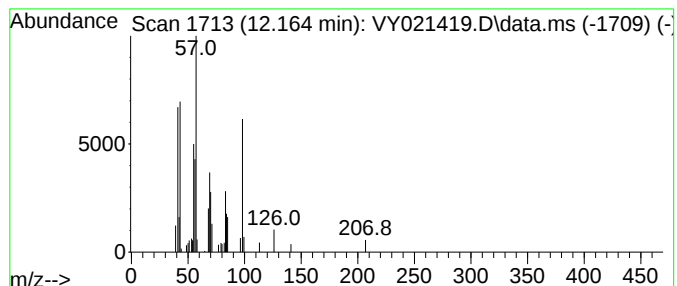
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 2 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.164	10.91 ug/l	30667	Chlorobenzene-d5	11.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, no...	540	C17H19F15O2	1000406-03-9	53
2			3-Methyl-3-hexene	98	C7H14	003404-65-7	47
3			2-(Dimethylamino)-3-methyl-1-butene	113	C7H15N	007694-48-6	43
4			1-Dodecanol	186	C12H26O	000112-53-8	43
5			1-Nonene	126	C9H18	000124-11-8	38



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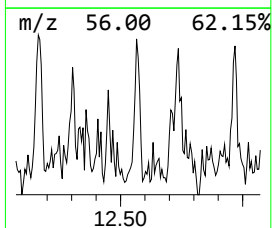
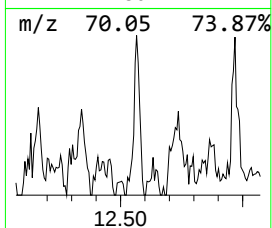
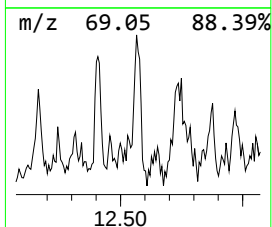
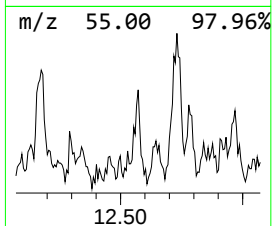
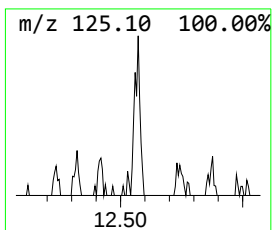
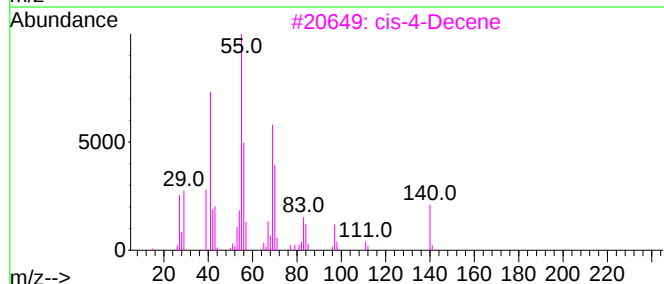
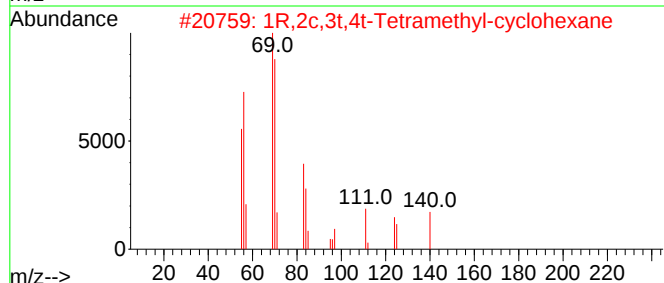
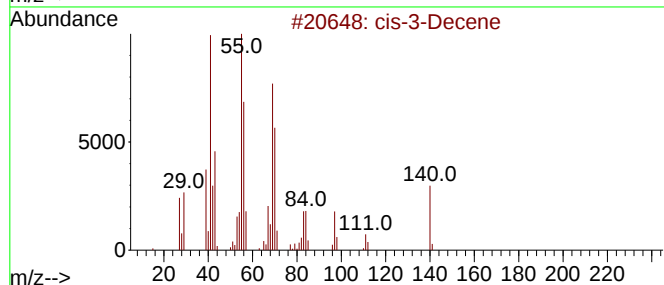
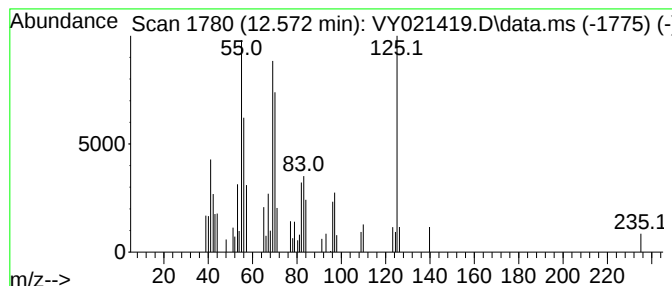
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Peak Number 3 cis-3-Decene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.572	12.73 ug/l	20915	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-3-Decene	140	C10H20	019398-86-8	70
2			1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	58
3			cis-4-Decene	140	C10H20	019398-88-0	50
4			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	50
5			2-Decene, (Z)-	140	C10H20	020348-51-0	41



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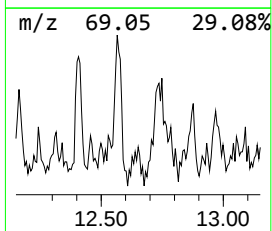
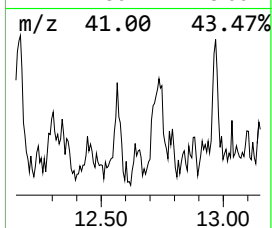
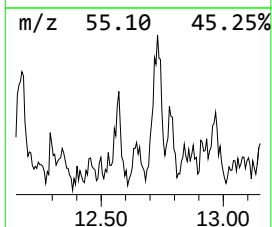
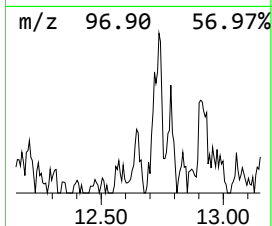
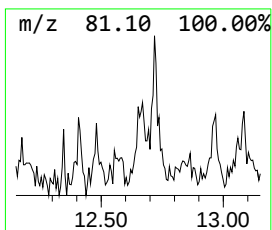
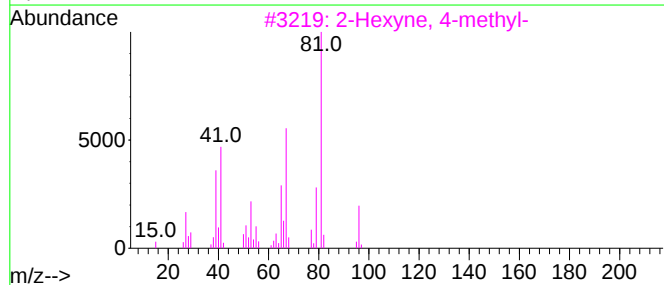
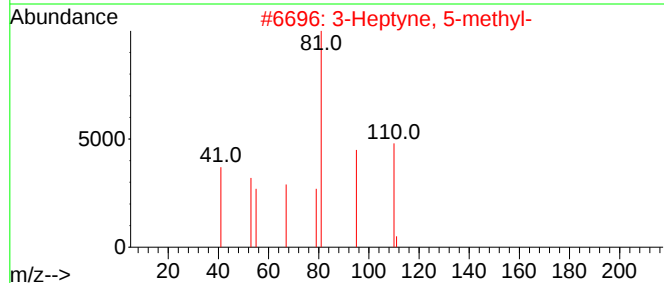
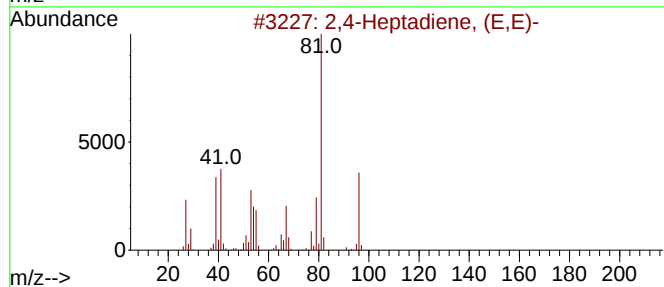
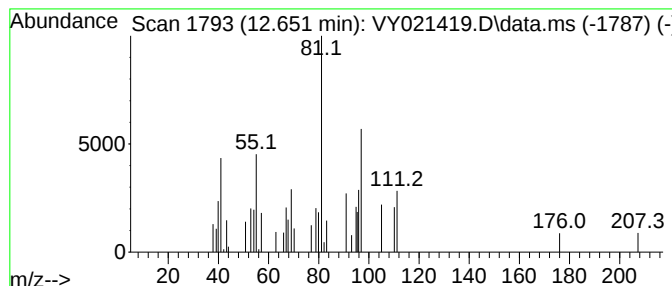
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown12.651 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	6.53 ug/l	10735	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	45
2			3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	43
3			2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	43
4			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	43
5			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
Data File : VY021419.D
Acq On : 05 Mar 2025 17:42
Operator : SY/MD
Sample : Q1489-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

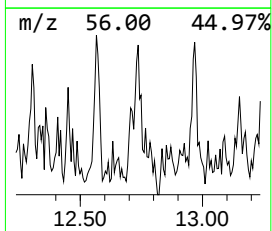
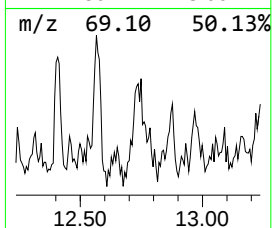
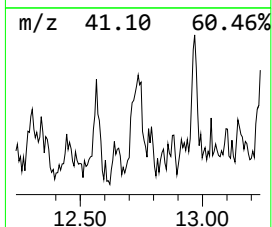
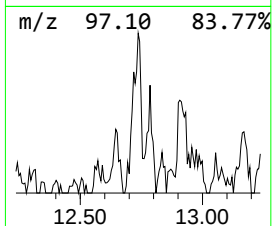
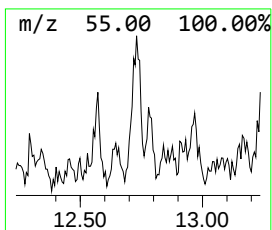
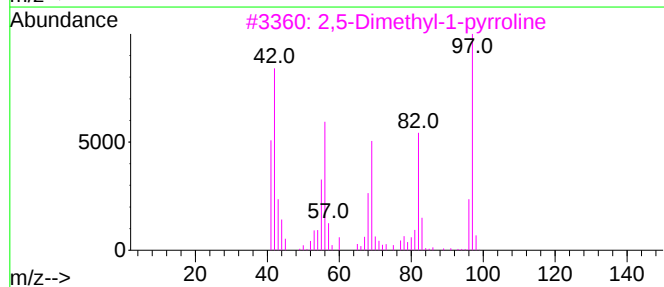
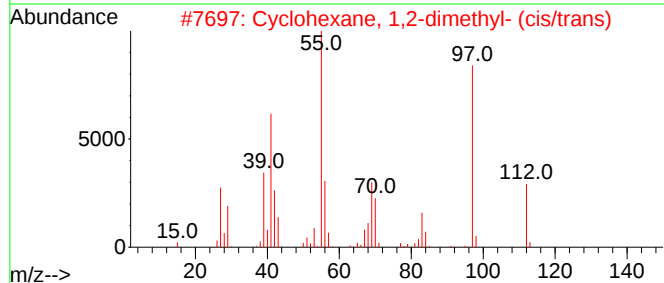
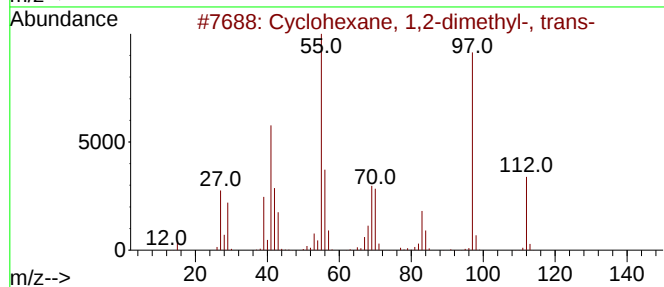
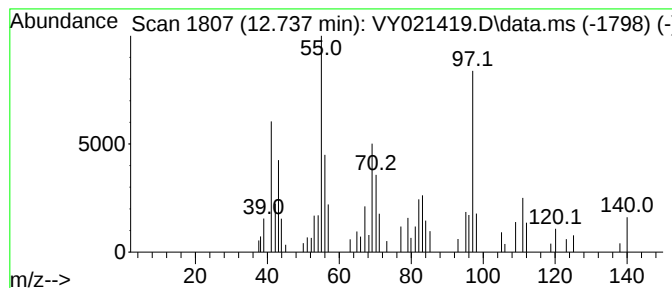
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.737	22.23 ug/l	36537	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	64
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	58
3			2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	52
4			1-Decene	140	C10H20	000872-05-9	49
5			2,4-Octadienoic acid	140	C8H12O2	083615-26-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
Data File : VY021419.D
Acq On : 05 Mar 2025 17:42
Operator : SY/MD
Sample : Q1489-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

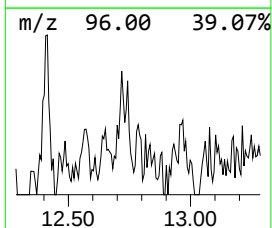
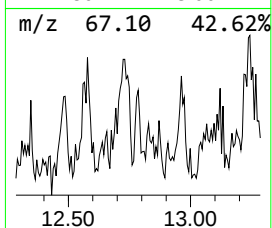
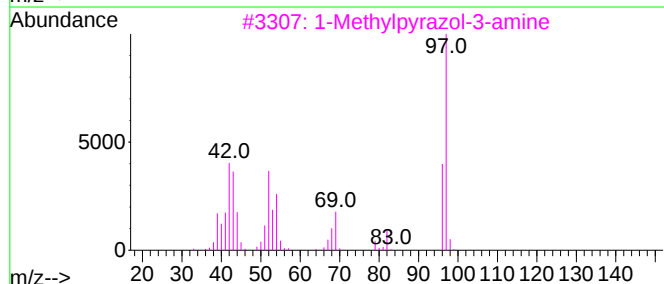
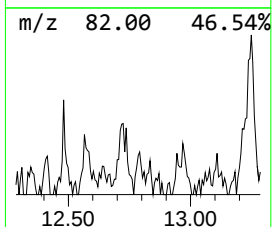
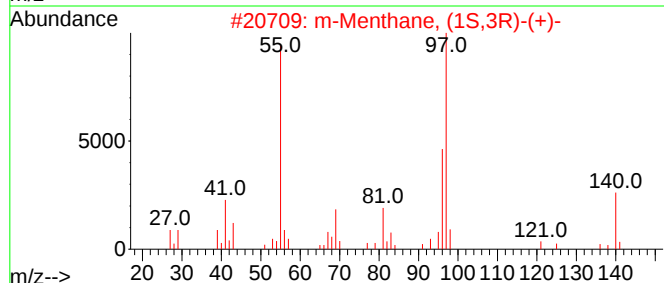
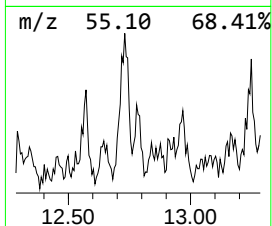
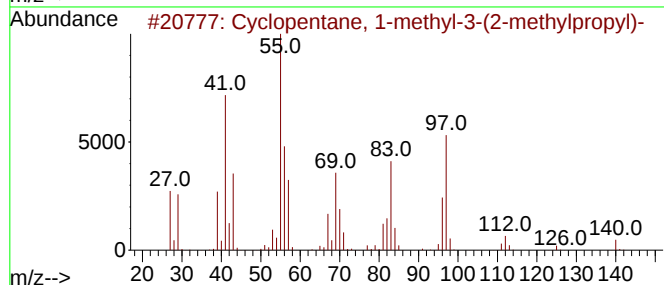
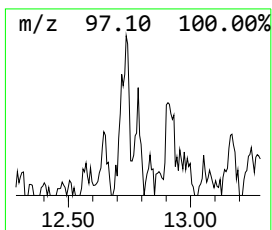
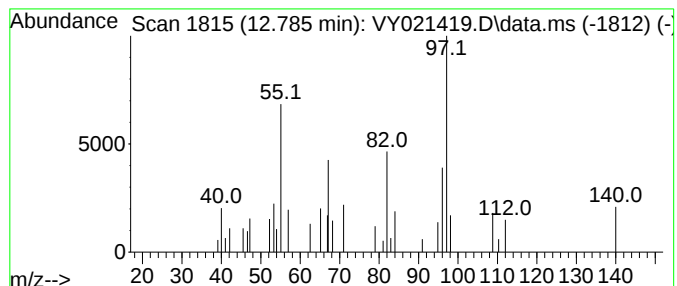
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Quant Title : SW846 8260

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

Peak Number 6 unknown12.785 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.785	5.40 ug/l	8871	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	37
2			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	35
3			1-Methylpyrazol-3-amine	97	C4H7N3	001904-31-0	30
4			Cyclopentene, 3,5-dimethoxy-	128	C7H12O2	089897-05-2	25
5			2-Aziridinone, 1-tert-butyl-3-(1...	223	C14H25NO	026944-18-3	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
Data File : VY021419.D
Acq On : 05 Mar 2025 17:42
Operator : SY/MD
Sample : Q1489-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

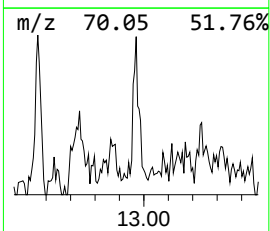
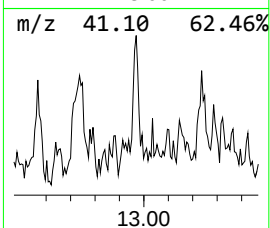
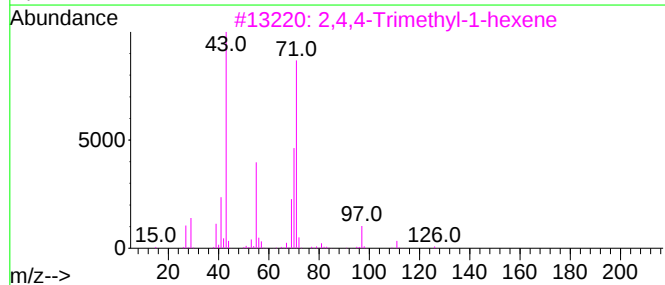
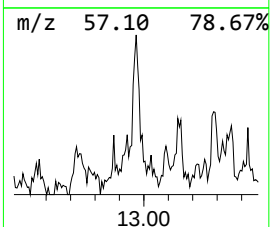
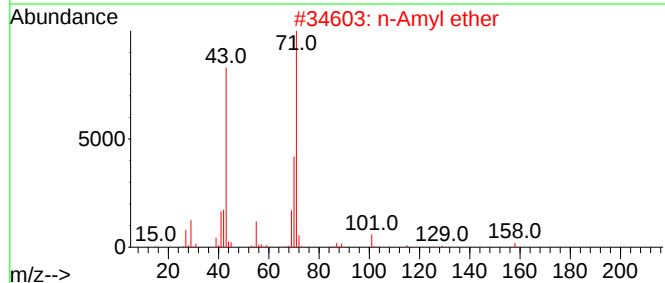
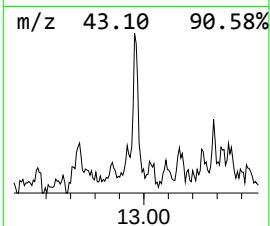
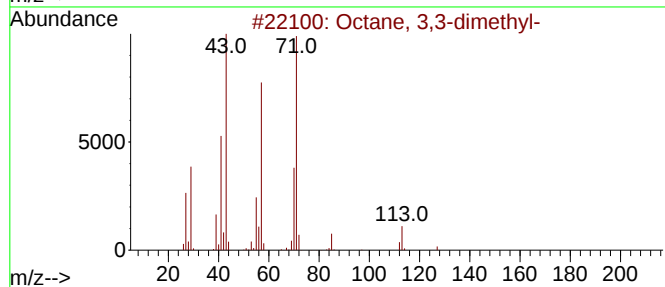
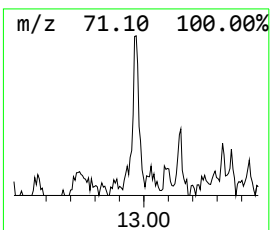
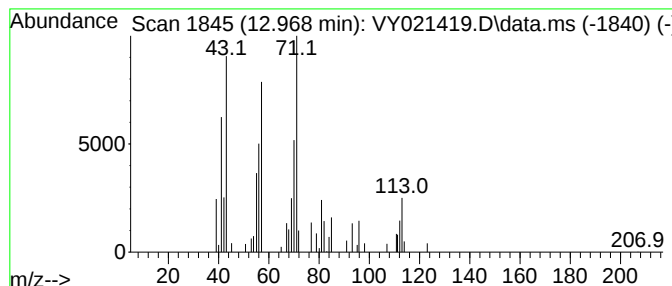
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Quant Title : SW846 8260

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

Peak Number 7 Octane, 3,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	15.21 ug/l	24998	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53
2			n-Amyl ether	158	C10H22O	000693-65-2	43
3			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	43
4			2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	38
5			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
Data File : VY021419.D
Acq On : 05 Mar 2025 17:42
Operator : SY/MD
Sample : Q1489-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

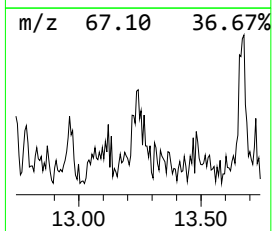
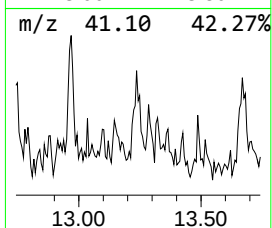
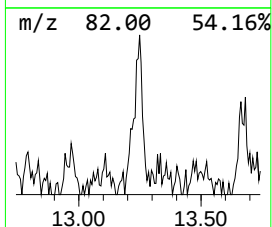
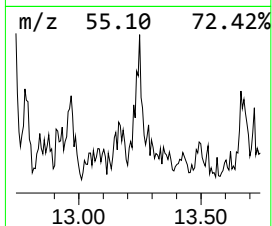
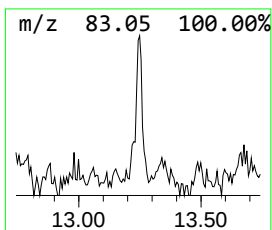
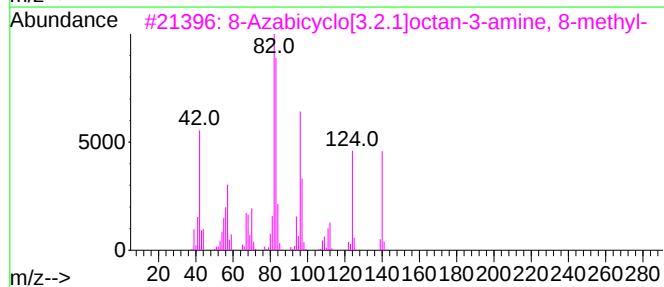
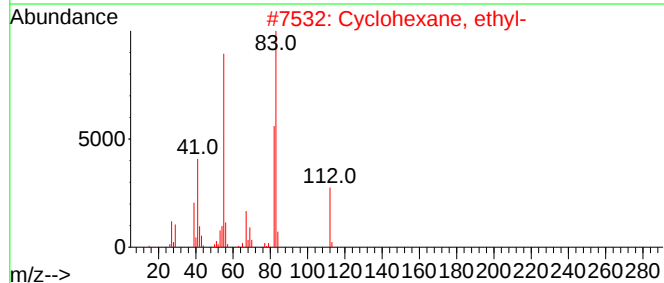
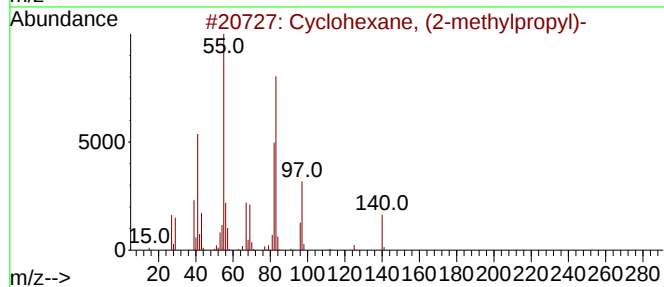
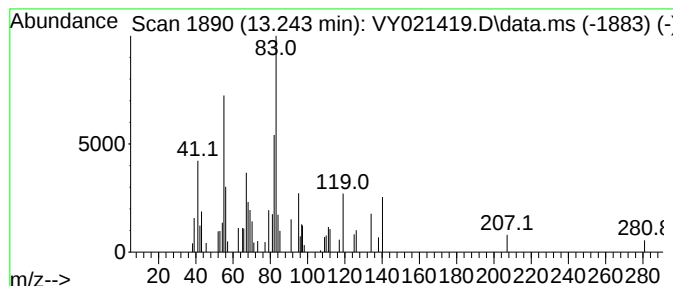
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Quant Title : SW846 8260

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

Peak Number 8 unknown13.243 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.243	14.30 ug/l	23497	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	46
3			8-Azabicyclo[3.2.1]octan-3-amine...	140	C8H16N2	098998-25-5	46
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5			Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
Data File : VY021419.D
Acq On : 05 Mar 2025 17:42
Operator : SY/MD
Sample : Q1489-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

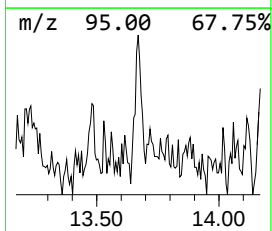
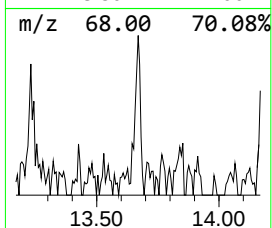
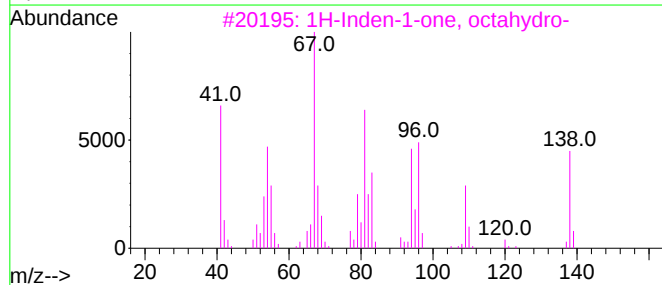
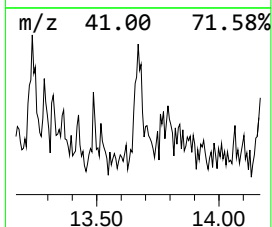
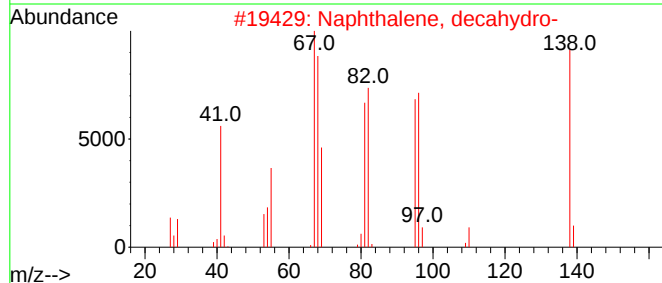
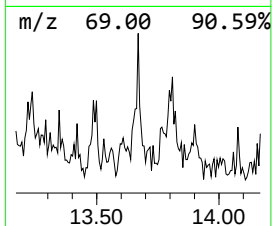
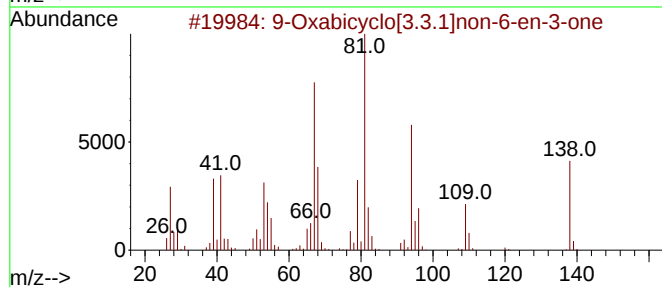
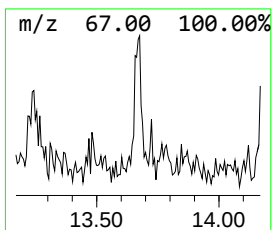
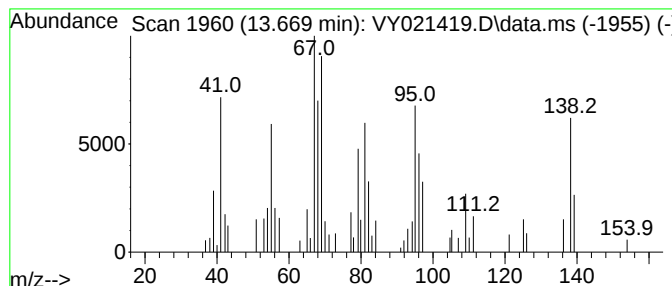
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Quant Title : SW846 8260

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

Peak Number 9 unknown13.669 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	14.45 ug/l	23743	1,4-Dichlorobenzene-d4	13.352

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Oxabicyclo[3.3.1]non-6-en-3-one	138	C8H10O2	1000190-65-0	49
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	49
3		1H-Inden-1-one, octahydro-	138	C9H14O	029927-85-3	46
4		Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	001124-26-1	46
5		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
Data File : VY021419.D
Acq On : 05 Mar 2025 17:42
Operator : SY/MD
Sample : Q1489-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

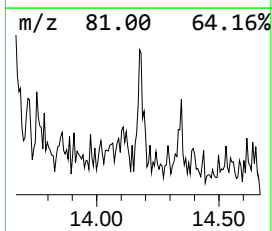
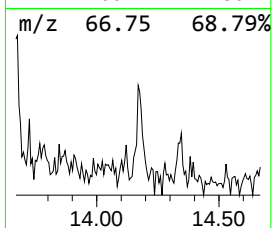
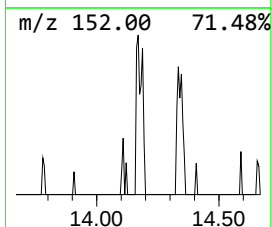
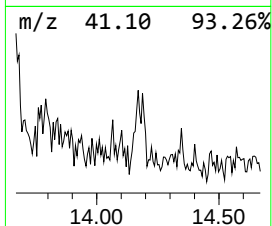
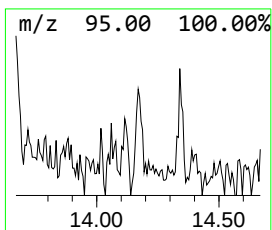
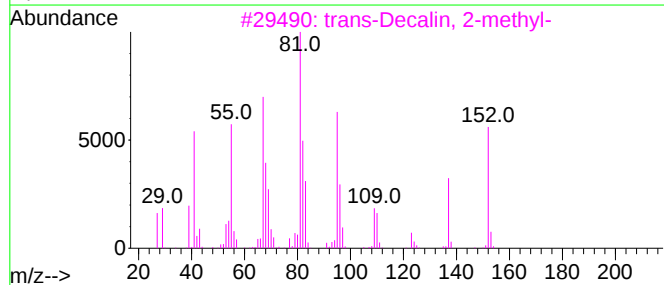
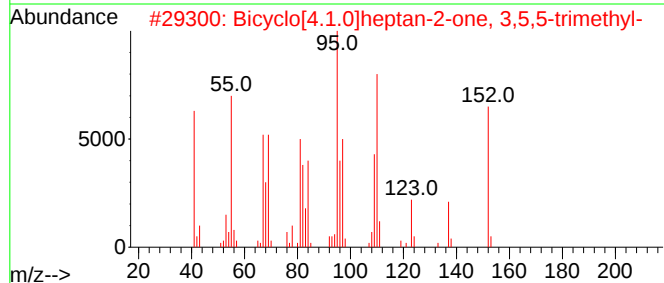
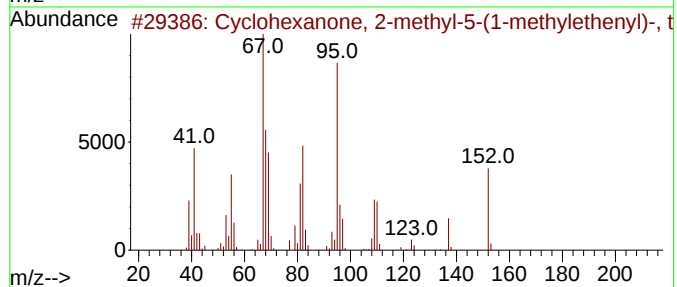
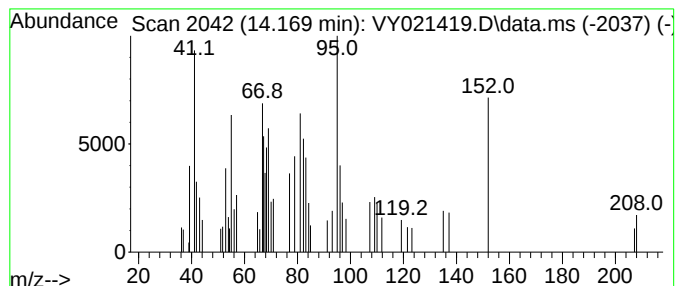
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Quant Title : SW846 8260

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

Peak Number 10 Cyclohexanone, 2-methyl-5-(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	10.01 ug/l	16455	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	60
2			Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	53
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	50
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49
5			1,4-Pentadiene	68	C5H8	000591-93-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
Data File : VY021419.D
Acq On : 05 Mar 2025 17:42
Operator : SY/MD
Sample : Q1489-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

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

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					#	RT	Resp	Conc
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Pentadecafluoro...	12.164	10.9	ug/l	30667	3	11.420	140526	50.0
cis-3-Decene	12.572	12.7	ug/l	20915	4	13.352	82167	50.0
unknown12.651	12.651	6.5	ug/l	10735	4	13.352	82167	50.0
Cyclohexane, 1,...	12.737	22.2	ug/l	36537	4	13.352	82167	50.0
unknown12.785	12.785	5.4	ug/l	8871	4	13.352	82167	50.0
Octane, 3,3-dim...	12.968	15.2	ug/l	24998	4	13.352	82167	50.0
unknown13.243	13.243	14.3	ug/l	23497	4	13.352	82167	50.0
unknown13.669	13.669	14.4	ug/l	23743	4	13.352	82167	50.0
Cyclohexanone, ...	14.169	10.0	ug/l	16455	4	13.352	82167	50.0