

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022521.D
 Acq On : 03 Jun 2025 14:38
 Operator : SY/MD
 Sample : Q2168-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3

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\82Y060225S.M
 Title : SW846 8260

Signal : TIC: VY022521.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.190	70	77	83	rBV3	11367	27896	1.93%	0.444%
2	2.842	179	184	190	rVB9	7783	16826	1.16%	0.268%
3	5.646	633	644	654	rVB6	6030	20429	1.41%	0.325%
4	7.634	960	970	975	rBV2	27708	69372	4.80%	1.105%
5	7.707	975	982	991	rVB	62138	149444	10.34%	2.380%
6	8.079	1031	1043	1054	rBV	304245	701576	48.53%	11.172%
7	8.469	1101	1107	1115	rVB3	9271	20281	1.40%	0.323%
8	8.615	1123	1131	1142	rVB	81245	165247	11.43%	2.632%
9	9.103	1200	1211	1218	rBV3	17130	36997	2.56%	0.589%
10	9.749	1312	1317	1322	rBV3	8839	16887	1.17%	0.269%
11	9.883	1330	1339	1344	rBV3	7353	15805	1.09%	0.252%
12	10.103	1369	1375	1380	rBV	126906	224213	15.51%	3.571%
13	10.170	1380	1386	1393	rVB	885875	1445785	100.00%	23.024%
14	10.298	1398	1407	1414	rVB2	32139	58799	4.07%	0.936%
15	10.438	1423	1430	1438	rVB6	5356	14668	1.01%	0.234%
16	11.212	1548	1557	1566	rVB6	17964	41187	2.85%	0.656%
17	11.310	1566	1573	1580	rBV2	12143	21713	1.50%	0.346%
18	11.414	1583	1590	1596	rBV	92336	152247	10.53%	2.424%
19	11.517	1601	1607	1614	rBV	105011	169146	11.70%	2.694%
20	11.621	1614	1624	1635	rBV	525857	996281	68.91%	15.865%
21	11.950	1667	1678	1690	rBV2	264896	491191	33.97%	7.822%
22	12.170	1710	1714	1721	rVB3	8090	15523	1.07%	0.247%
23	12.407	1748	1753	1757	rBV	52530	82081	5.68%	1.307%
24	12.596	1776	1784	1788	rVB	17334	33026	2.28%	0.526%
25	12.657	1788	1794	1797	rBV	64437	108054	7.47%	1.721%
26	12.688	1797	1799	1802	rVV2	34895	50761	3.51%	0.808%
27	12.730	1802	1806	1812	rVV3	103858	168149	11.63%	2.678%
28	12.895	1825	1833	1841	rBV5	25122	74061	5.12%	1.179%
29	12.962	1841	1844	1850	rVB2	12749	16066	1.11%	0.256%
30	13.041	1850	1857	1862	rBV	132454	200072	13.84%	3.186%
31	13.090	1862	1865	1870	rVB2	22968	31320	2.17%	0.499%
32	13.243	1882	1890	1895	rBV10	16899	42156	2.92%	0.671%
33	13.346	1901	1907	1910	rBV	65685	109956	7.61%	1.751%
34	13.377	1910	1912	1916	rVV2	42986	51760	3.58%	0.824%
35	13.419	1916	1919	1927	rVB3	14082	19907	1.38%	0.317%
36	13.547	1933	1940	1943	rBV2	22040	35660	2.47%	0.568%

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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\82Y060225S.M

Title : SW846 8260

37	13.669	1954	1960	1964	rBV3	30520	47954	3.32%	0.764%
38	13.724	1964	1969	1976	rVB	65179	103706	7.17%	1.651%
39	13.889	1993	1996	2001	rVB3	10864	14970	1.04%	0.238%
40	14.206	2040	2048	2051	rVV9	6933	22727	1.57%	0.362%
41	14.529	2097	2101	2106	rVB2	17065	23859	1.65%	0.380%
42	14.590	2106	2111	2117	rBV5	9544	18241	1.26%	0.290%
43	15.145	2193	2202	2209	rBV	85205	153570	10.62%	2.446%

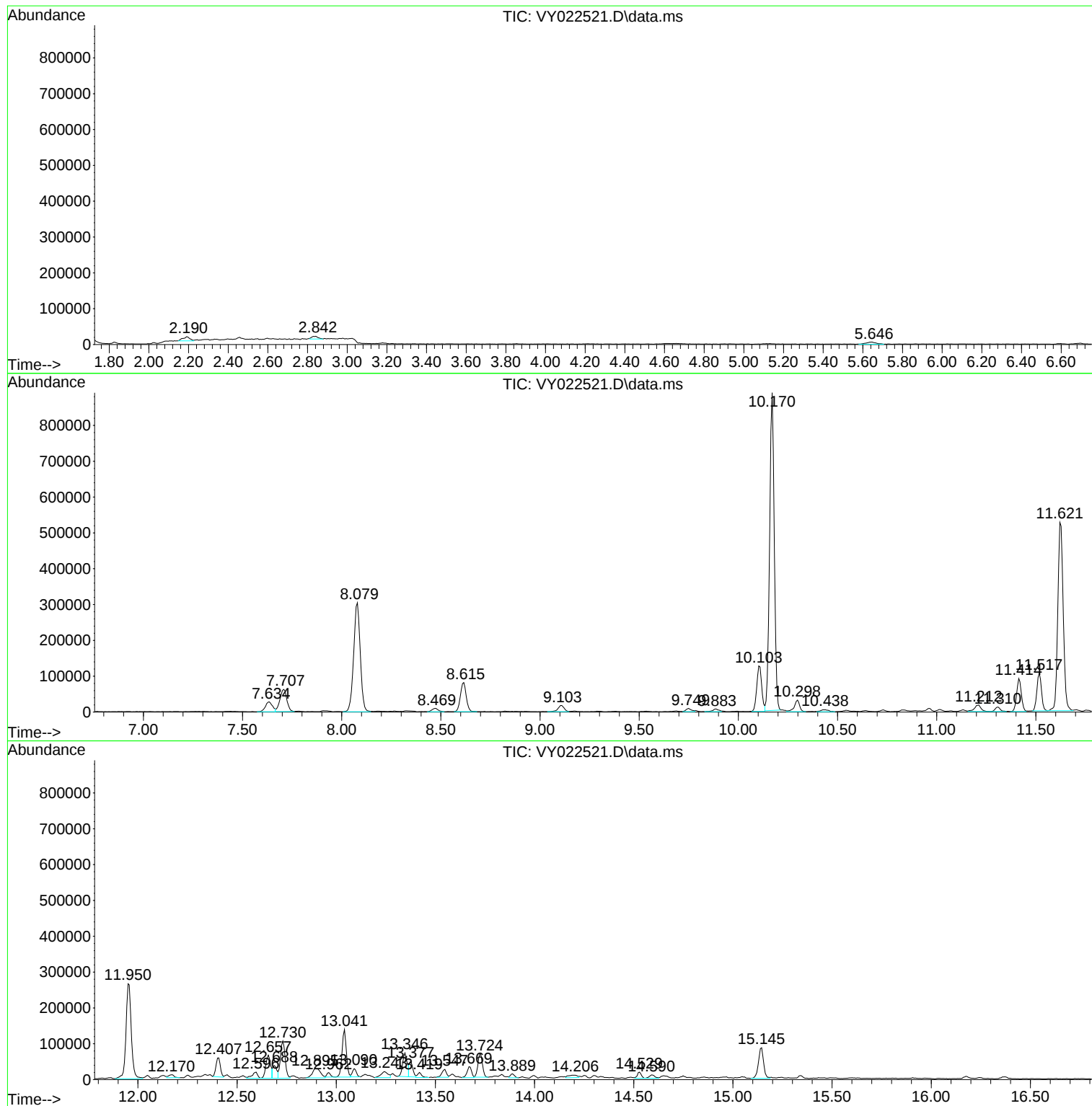
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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



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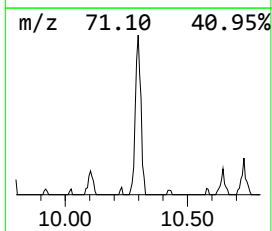
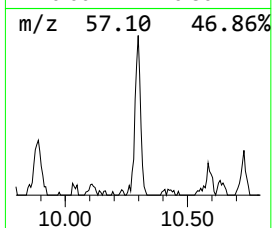
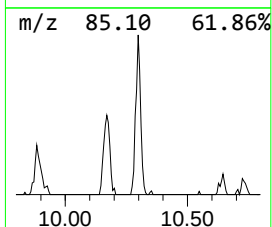
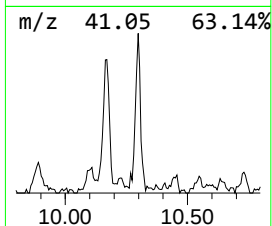
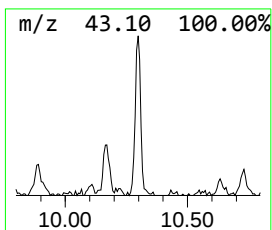
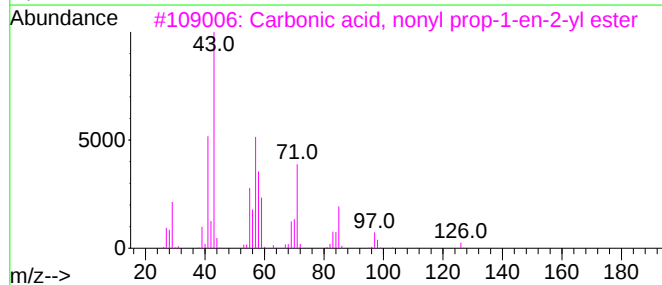
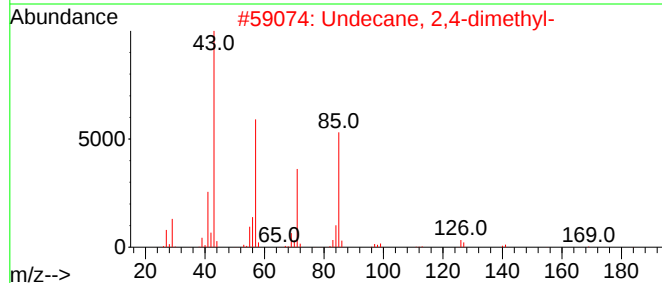
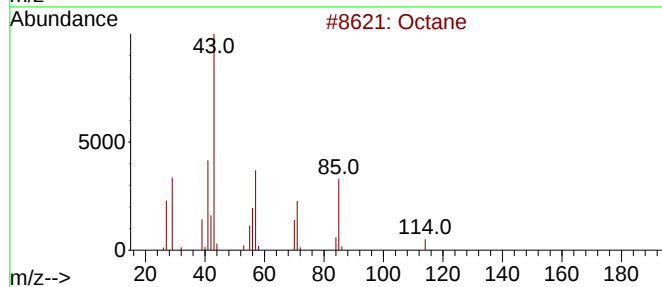
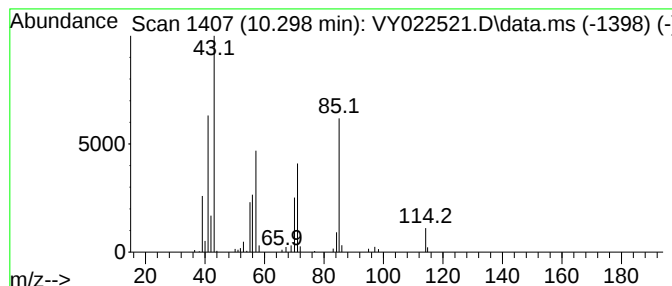
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	19.31 ug/l	58799	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	91
2	Undecane, 2,4-dimethyl-			184	C13H28	017312-80-0	59
3	Carbonic acid, nonyl prop-1-en-2...			228	C13H24O3	1000382-53-9	50
4	Hexane, 3,3-dimethyl-			114	C8H18	000563-16-6	50
5	3-Pentanone, 2,4-dimethyl-			114	C7H14O	000565-80-0	43



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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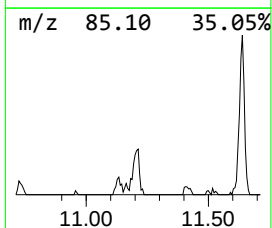
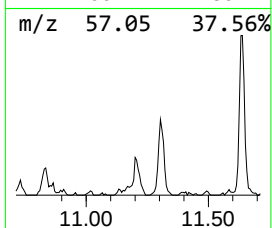
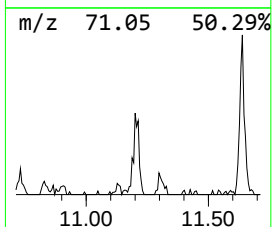
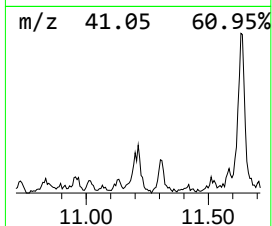
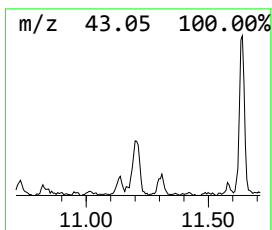
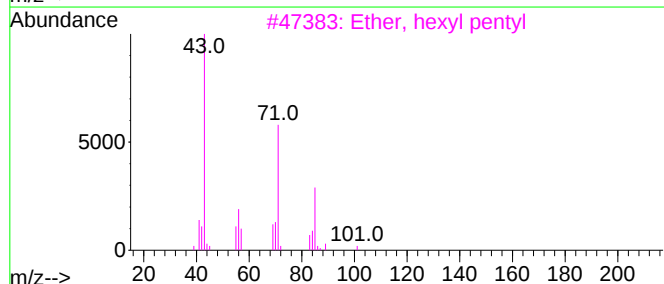
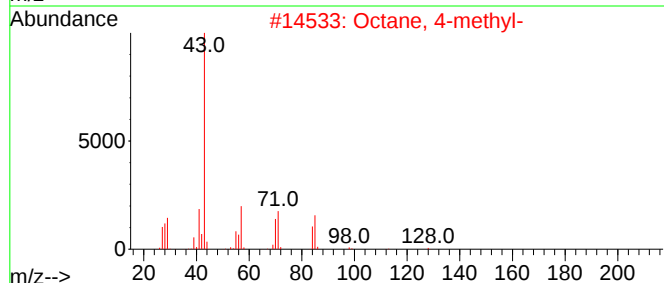
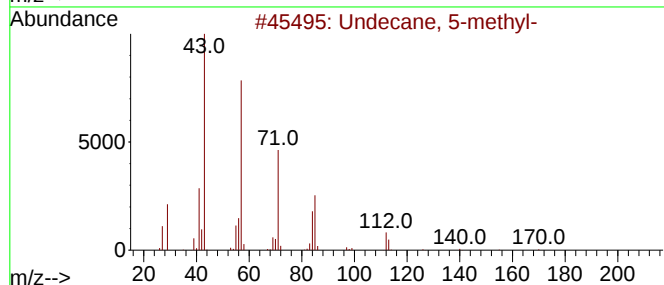
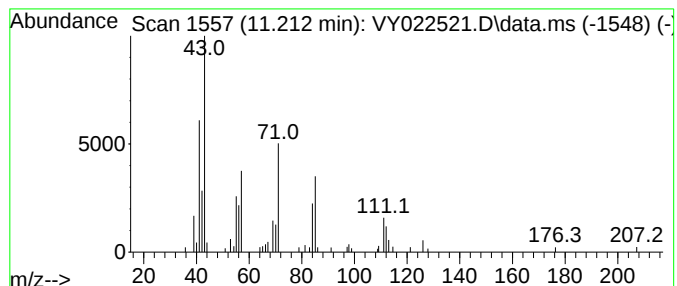
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 2 Undecane, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.213	13.53 ug/l	41187	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-methyl-	170	C12H26	001632-70-8	64
2			Octane, 4-methyl-	128	C9H20	002216-34-4	50
3			Ether, hexyl pentyl	172	C11H24O	032357-83-8	47
4			1,3-Dimethylbutyl isobutyrate	172	C10H20O2	1000429-31-6	43
5			2-Bromononane	206	C9H19Br	002216-35-5	38



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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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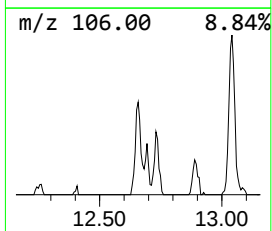
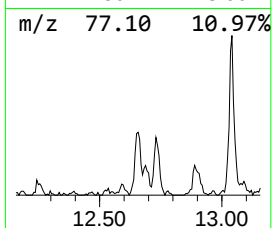
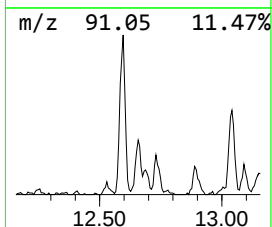
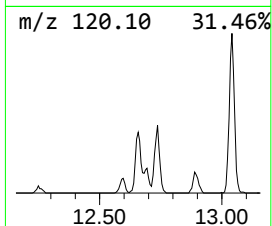
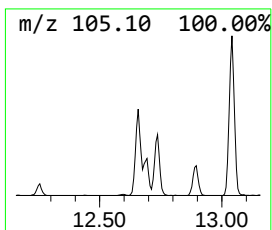
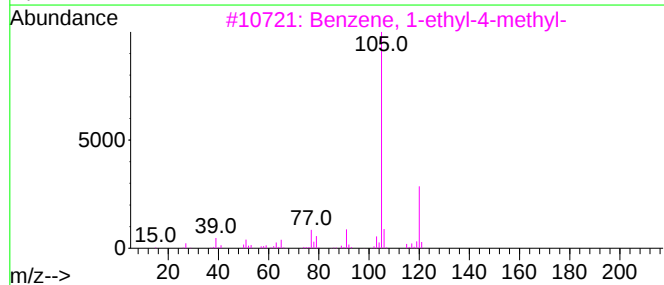
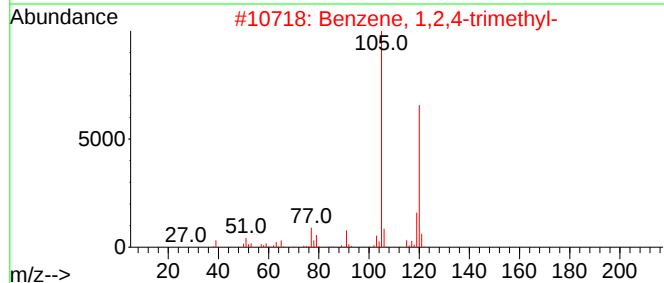
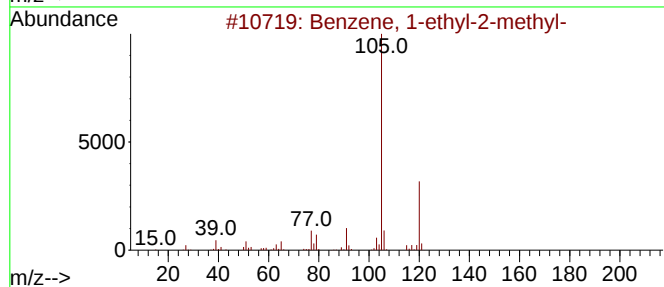
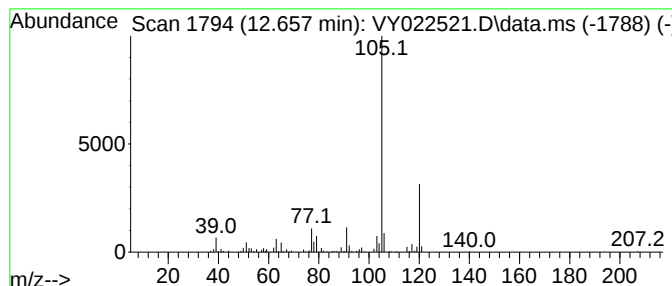
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	49.14 ug/l	108054	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	95
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Mesitylene	120	C9H12	000108-67-8	91



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ClientSampleId :
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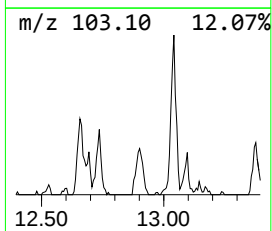
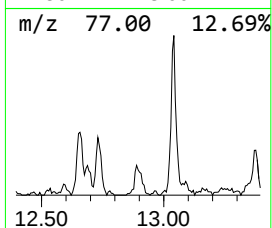
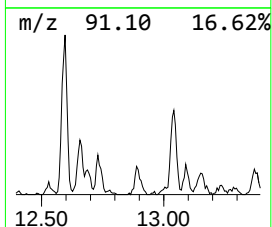
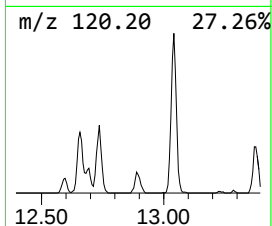
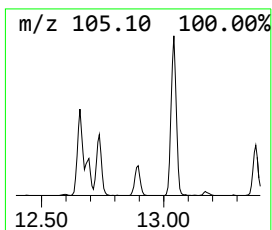
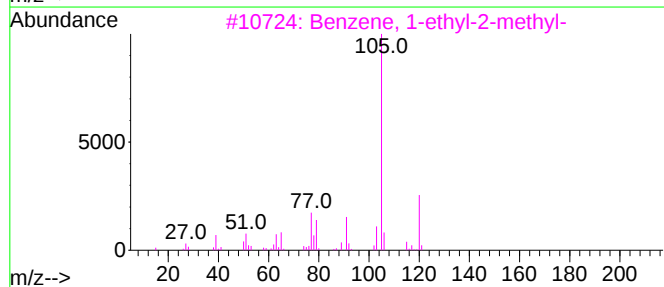
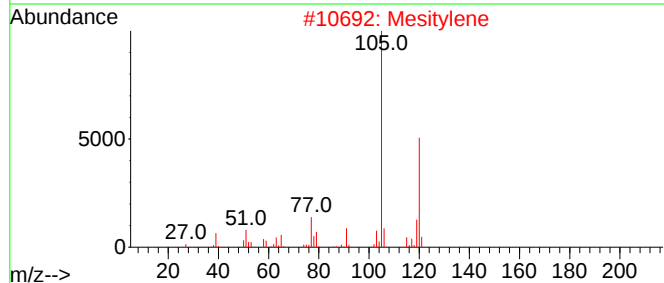
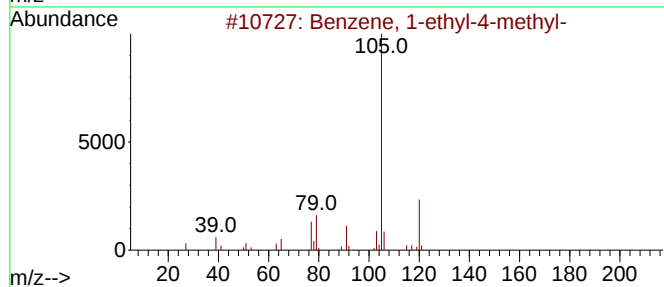
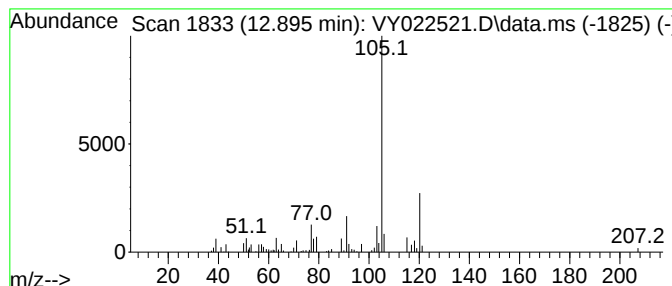
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.895	33.68 ug/l	74061	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
2			Mesitylene	120	C9H12	000108-67-8	87
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	80



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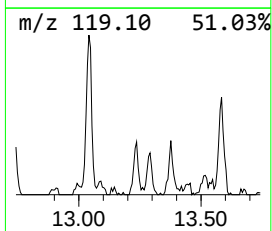
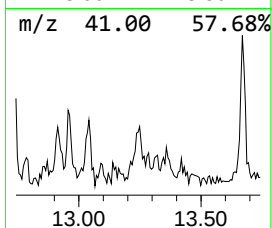
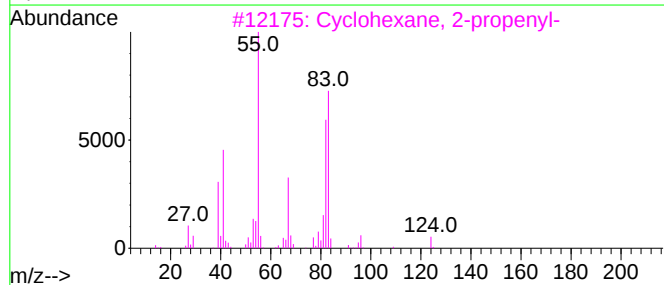
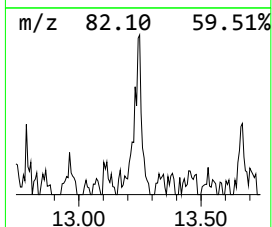
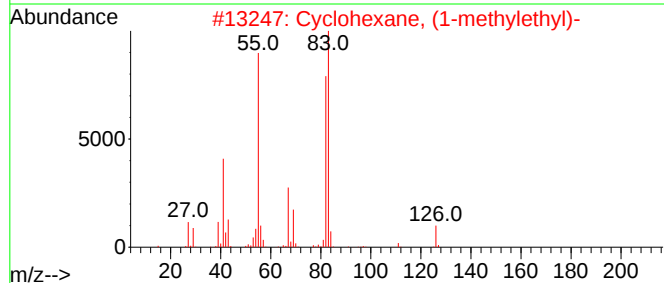
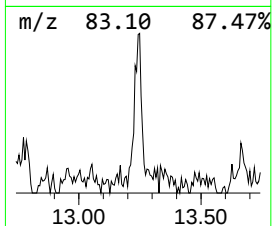
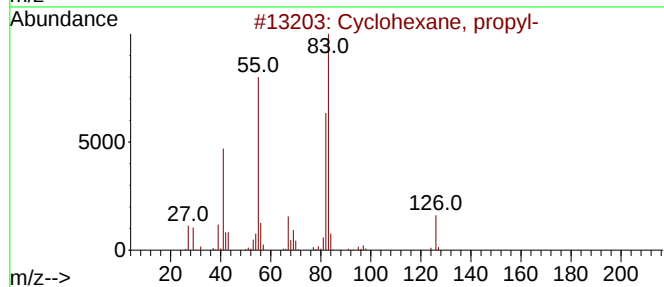
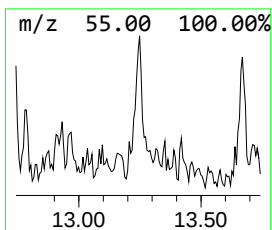
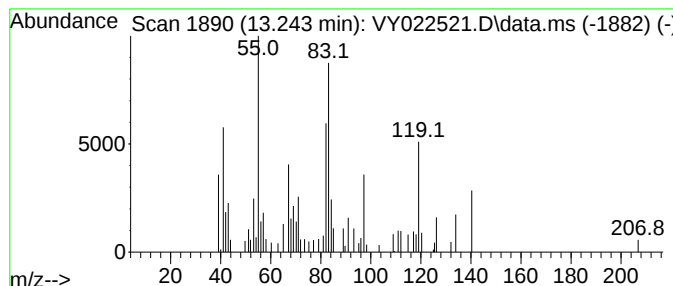
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Quant Title : SW846 8260

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

Peak Number 5 unknown13.243 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.243	19.17 ug/l	42156	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	43
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
4			2,3-Dimethyl-2-octene	140	C10H20	019781-18-1	35
5			8-Azabicyclo[3.2.1]octan-3-amine...	140	C8H16N2	098998-25-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022521.D
Acq On : 03 Jun 2025 14:38
Operator : SY/MD
Sample : Q2168-07
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B3

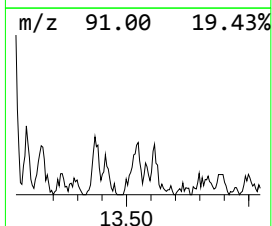
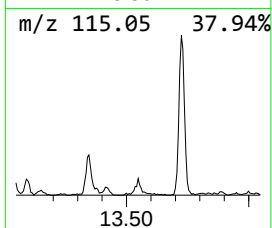
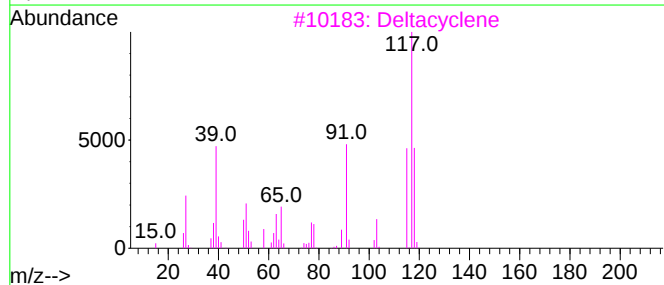
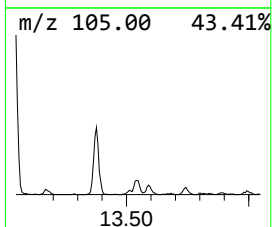
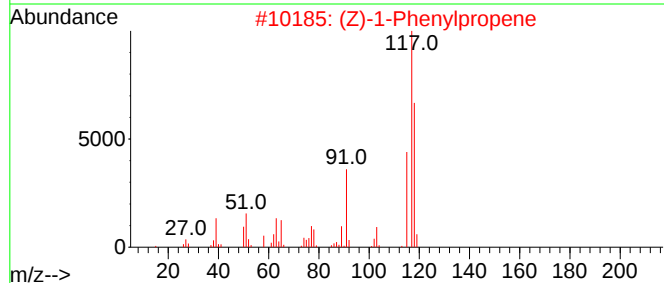
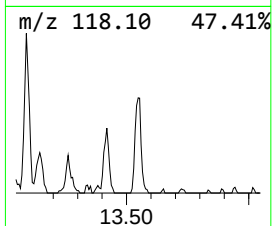
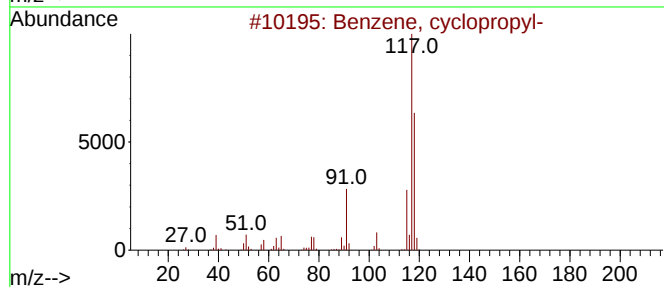
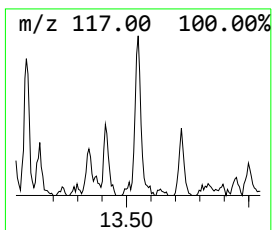
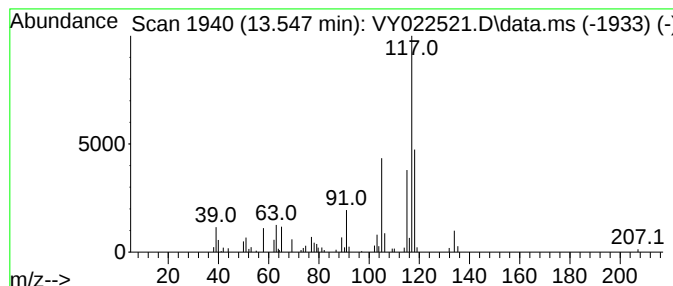
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, cyclopropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.547	16.22 ug/l	35660	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
2			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	62
3			Deltacyclene	118	C9H10	007785-10-6	58
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58
5			Indane	118	C9H10	000496-11-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022521.D
Acq On : 03 Jun 2025 14:38
Operator : SY/MD
Sample : Q2168-07
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B3

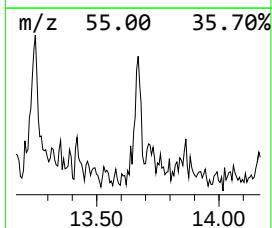
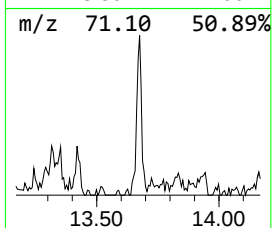
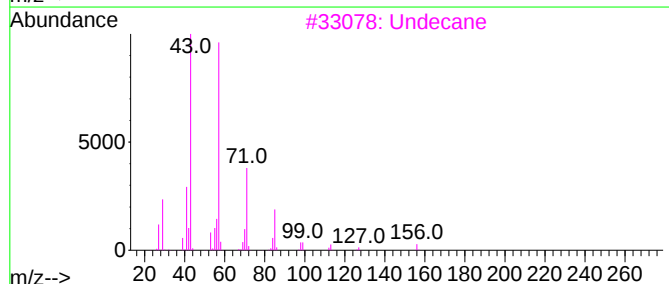
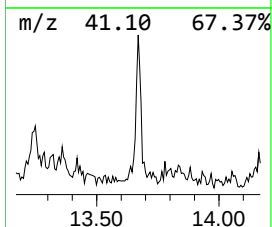
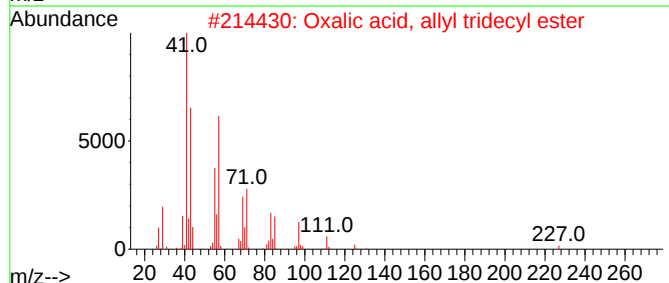
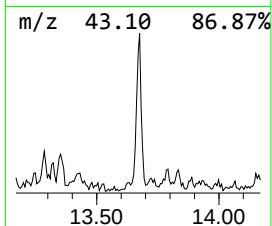
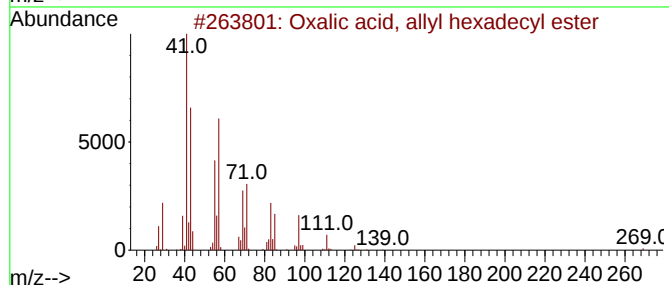
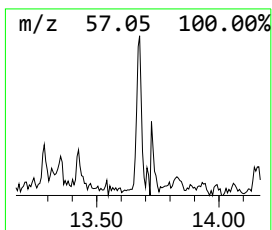
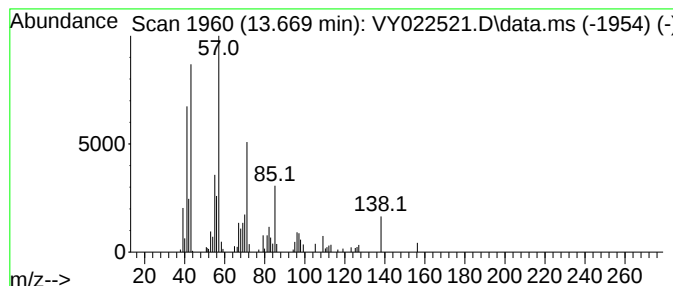
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Quant Title : SW846 8260

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

Peak Number 7 Oxalic acid, allyl hexadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	21.81 ug/l	47954	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	64
2			Oxalic acid, allyl tridecyl ester	312	C18H32O4	1000309-24-1	64
3			Undecane	156	C11H24	001120-21-4	52
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022521.D
Acq On : 03 Jun 2025 14:38
Operator : SY/MD
Sample : Q2168-07
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B3

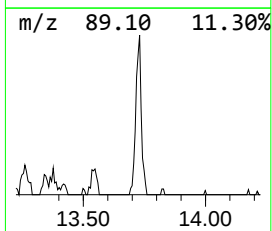
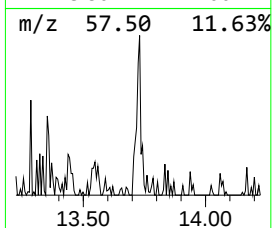
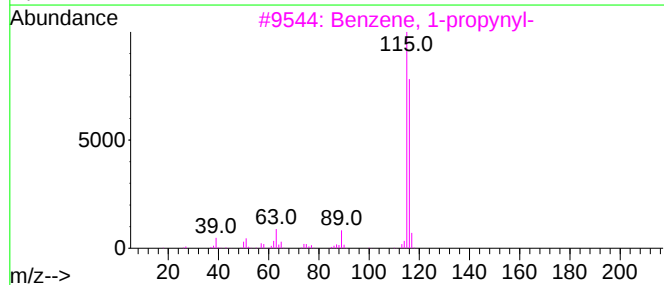
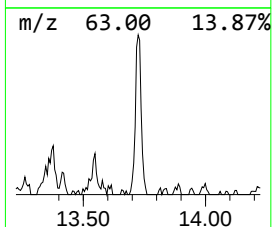
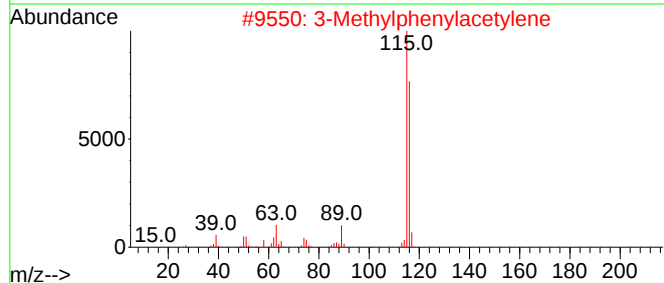
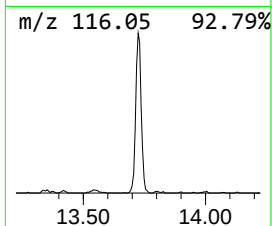
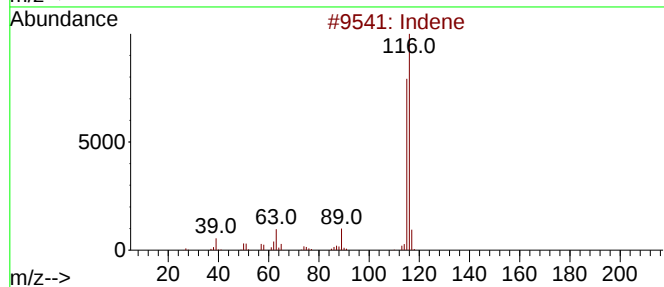
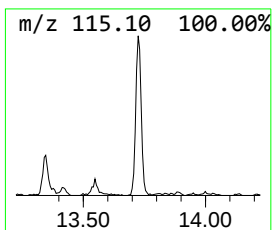
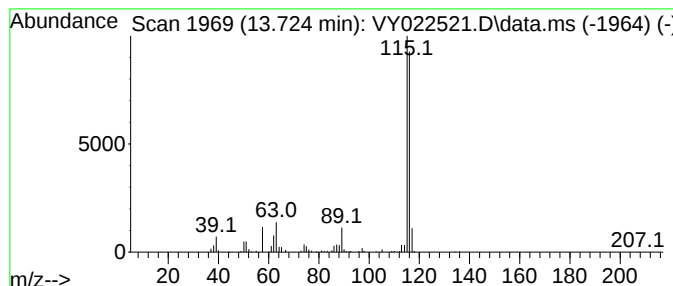
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Quant Title : SW846 8260

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

Peak Number 8 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.724	47.16 ug/l	103706	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	93
2			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022521.D
Acq On : 03 Jun 2025 14:38
Operator : SY/MD
Sample : Q2168-07
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B3

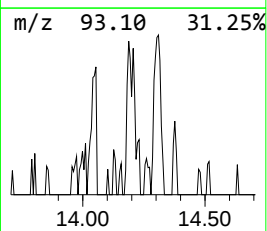
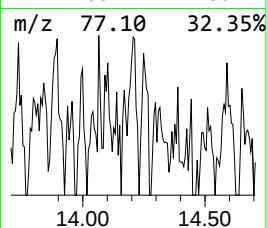
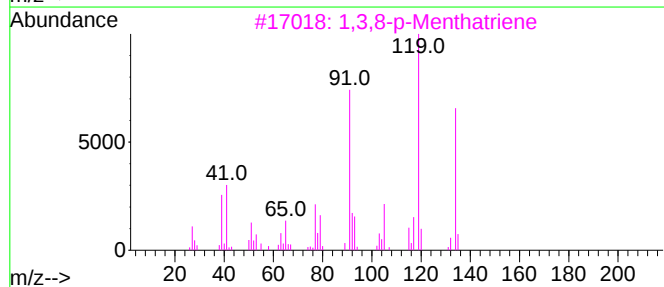
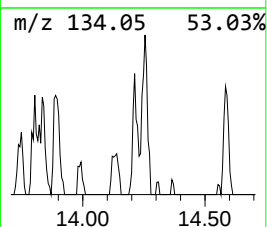
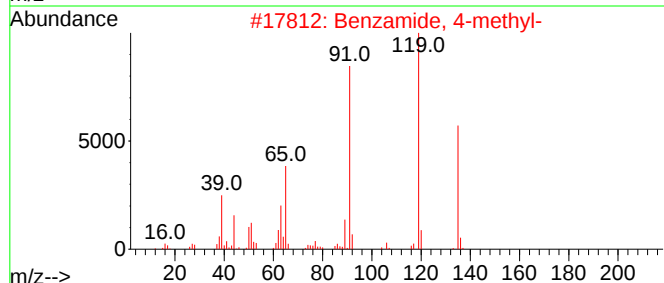
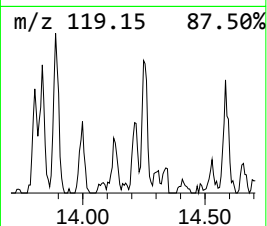
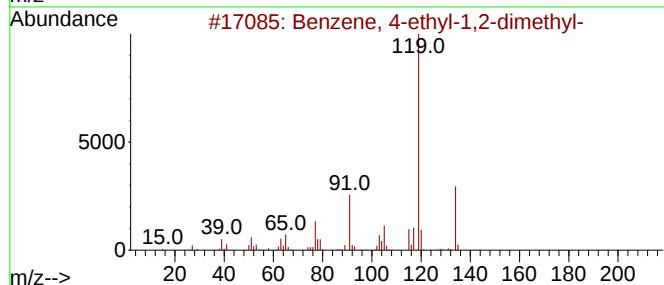
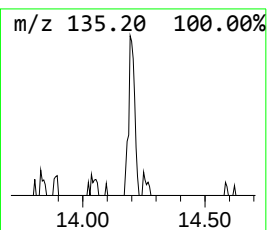
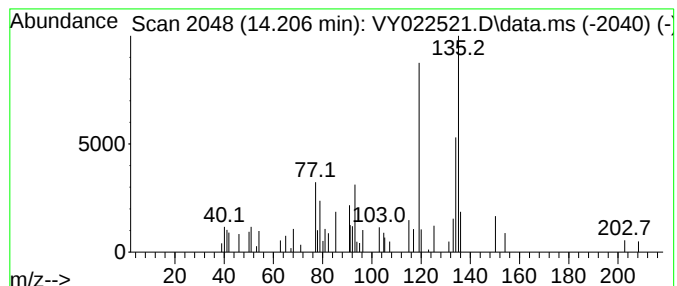
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	10.33 ug/l	22727	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
2			Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	52
3			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	49
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022521.D
Acq On : 03 Jun 2025 14:38
Operator : SY/MD
Sample : Q2168-07
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B3

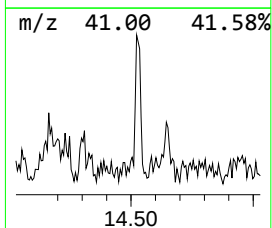
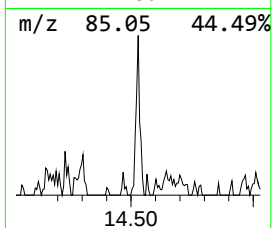
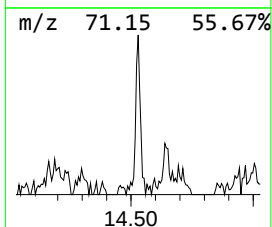
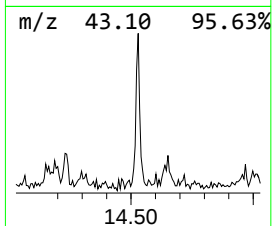
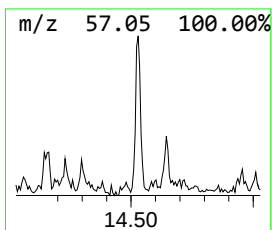
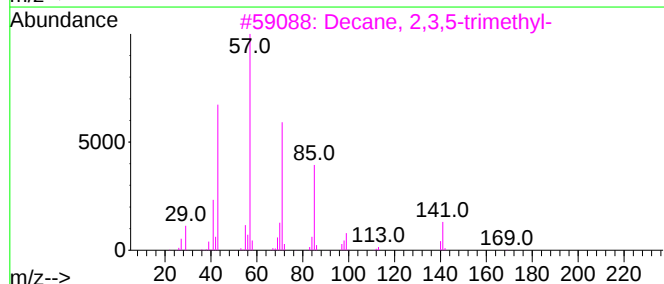
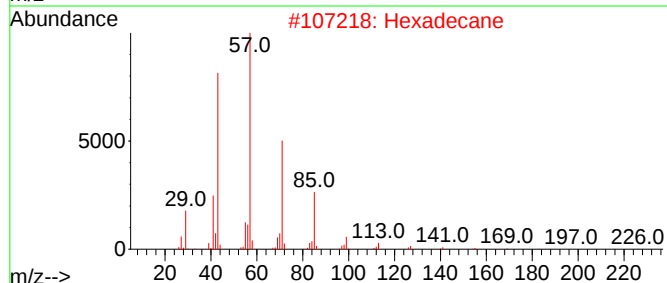
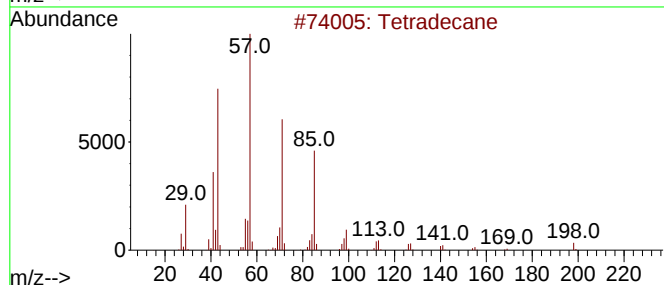
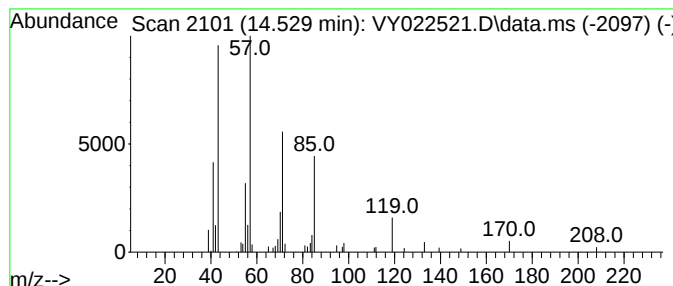
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Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	10.85 ug/l	23859	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	64
2			Hexadecane	226	C16H34	000544-76-3	64
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
4			Tridecane	184	C13H28	000629-50-5	64
5			Dodecane	170	C12H26	000112-40-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022521.D
Acq On : 03 Jun 2025 14:38
Operator : SY/MD
Sample : Q2168-07
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.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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Undecane, 5-met...	11.213	13.5	ug/l	41187	3	11.414	152247	50.0
Benzene, 1-ethy...	12.657	49.1	ug/l	108054	4	13.346	109956	50.0
Benzene, 1-ethy...	12.895	33.7	ug/l	74061	4	13.346	109956	50.0
unknown13.243	13.243	19.2	ug/l	42156	4	13.346	109956	50.0
Benzene, cyclop...	13.547	16.2	ug/l	35660	4	13.346	109956	50.0
Oxalic acid, al...	13.669	21.8	ug/l	47954	4	13.346	109956	50.0
Indene	13.724	47.2	ug/l	103706	4	13.346	109956	50.0
Benzene, 4-ethy...	14.206	10.3	ug/l	22727	4	13.346	109956	50.0
Tetradecane	14.529	10.9	ug/l	23859	4	13.346	109956	50.0