

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019425.D
 Acq On : 03 Sep 2024 13:40
 Operator : SY/MD
 Sample : P3787-05
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

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\82Y082924S.M

Title : SW846 8260

Signal : TIC: VY019425.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.628	960	969	975	rBV	63715	150783	3.23%	1.227%
2	7.707	975	982	990	rVB	102644	238126	5.10%	1.938%
3	8.067	1030	1041	1051	rBV3	67957	171126	3.67%	1.393%
4	8.610	1121	1130	1141	rBV	156068	315928	6.77%	2.571%
5	10.109	1368	1376	1381	rBV	251447	440244	9.43%	3.583%
6	10.170	1381	1386	1394	rVV	153998	268224	5.75%	2.183%
7	10.298	1398	1407	1413	rVB2	25062	49621	1.06%	0.404%
8	11.414	1584	1590	1598	rBV	180743	296145	6.34%	2.410%
9	11.518	1602	1607	1616	rBV	39372	66323	1.42%	0.540%
10	11.627	1616	1625	1635	rBV	241587	449255	9.62%	3.657%
11	11.957	1667	1679	1690	rBV	170233	314957	6.75%	2.564%
12	12.261	1719	1729	1731	rBV4	20125	48648	1.04%	0.396%
13	12.408	1748	1753	1758	rVB	122249	181263	3.88%	1.475%
14	12.658	1789	1794	1798	rVV	56712	103121	2.21%	0.839%
15	12.737	1802	1807	1812	rVB2	107117	172237	3.69%	1.402%
16	12.895	1827	1833	1841	rBV	27598	51670	1.11%	0.421%
17	13.042	1852	1857	1863	rBV	160330	245627	5.26%	1.999%
18	13.347	1900	1907	1910	rBV	146312	246483	5.28%	2.006%
19	13.377	1910	1912	1917	rVV	87483	114459	2.45%	0.932%
20	13.548	1932	1940	1943	rBV2	32391	53779	1.15%	0.438%
21	13.676	1955	1961	1965	rBV	77979	106761	2.29%	0.869%
22	13.731	1965	1970	1975	rVV	94828	154868	3.32%	1.261%
23	13.798	1976	1981	1984	rVV4	24389	49897	1.07%	0.406%
24	14.529	2097	2101	2106	rVB	108001	144360	3.09%	1.175%
25	14.590	2106	2111	2117	rBV4	40424	85721	1.84%	0.698%
26	14.651	2117	2121	2127	rVB4	28770	51135	1.10%	0.416%
27	15.047	2183	2186	2193	rVB3	40084	62127	1.33%	0.506%
28	15.145	2193	2202	2212	rBV	2847576	4667619	100.00%	37.992%
29	15.243	2213	2218	2224	rVB	63833	121134	2.60%	0.986%
30	15.340	2229	2234	2242	rVB	339574	501474	10.74%	4.082%
31	15.450	2244	2252	2256	rBV9	27284	67496	1.45%	0.549%
32	15.779	2301	2306	2309	rBV4	34875	63695	1.36%	0.518%
33	15.907	2323	2327	2334	rVV2	41955	78412	1.68%	0.638%
34	15.980	2334	2339	2346	rVB3	42111	86685	1.86%	0.706%
35	16.047	2346	2350	2356	rBV	42975	67714	1.45%	0.551%
36	16.175	2364	2371	2378	rBV	423387	806623	17.28%	6.565%

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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

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37	16.249	2378	2383	2395	rVB	304300	539133	11.55%	4.388%
38	16.370	2395	2403	2409	rBV	273068	593445	12.71%	4.830%
39	16.748	2459	2465	2469	rBV4	24886	59554	1.28%	0.485%

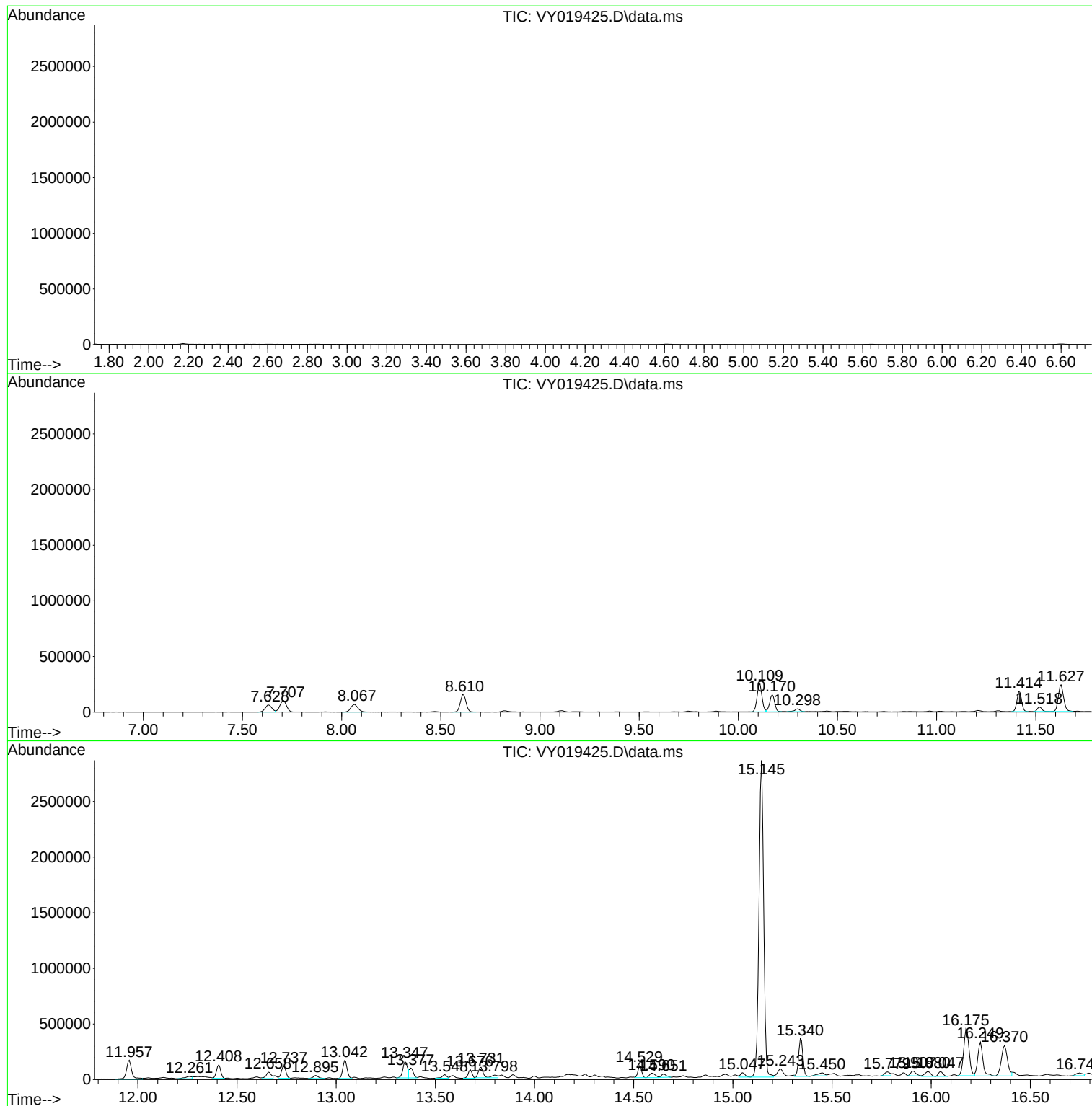
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260

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



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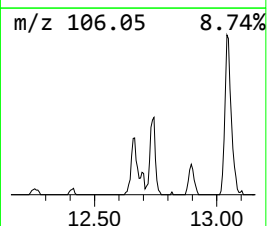
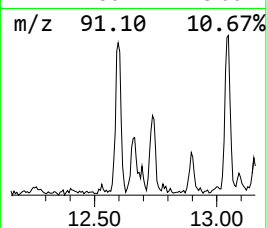
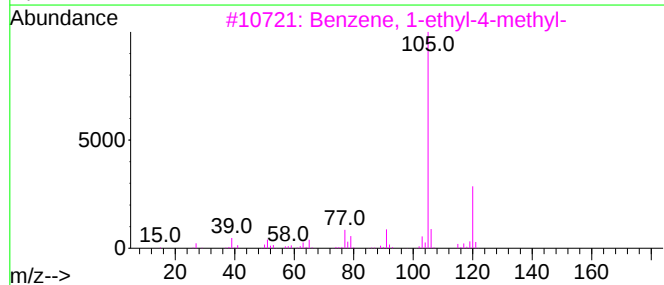
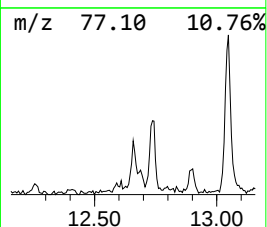
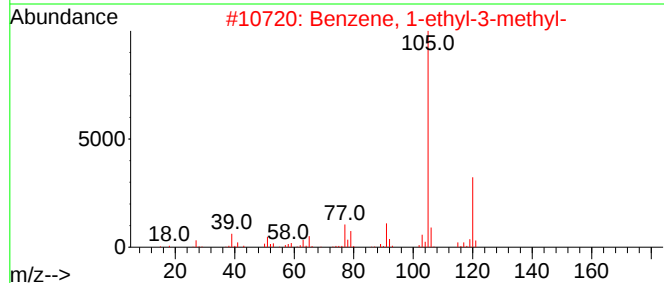
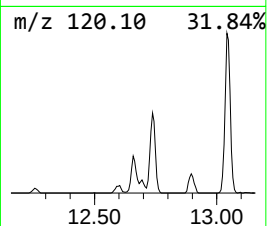
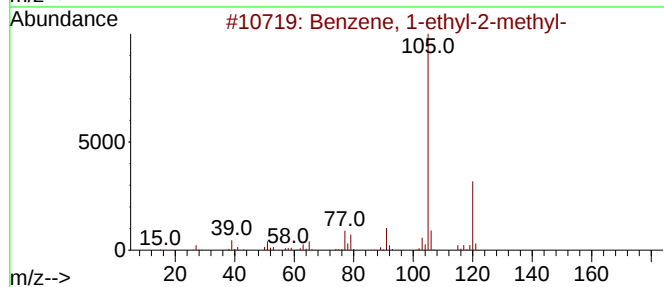
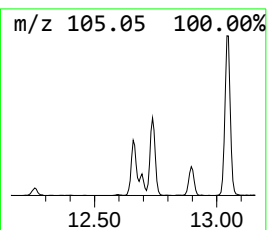
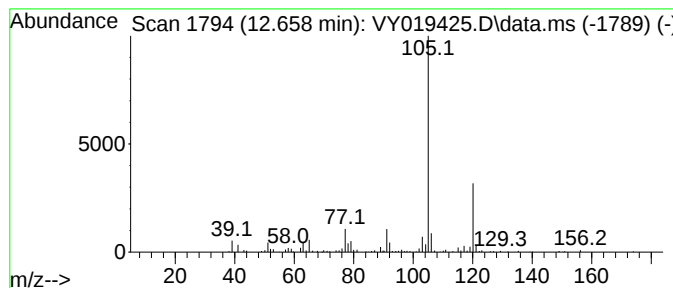
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.658	20.92 ug/l	103121	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

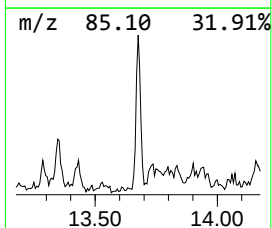
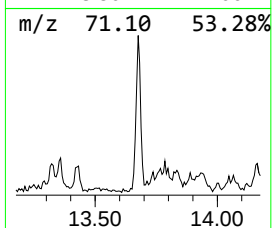
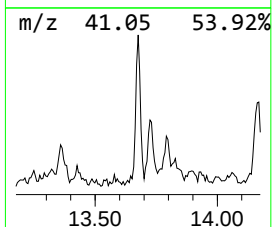
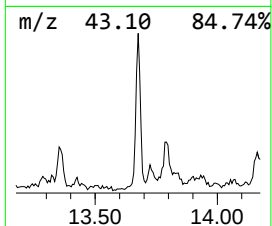
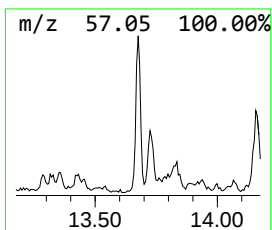
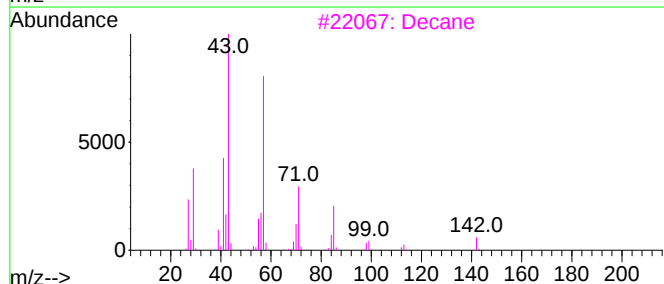
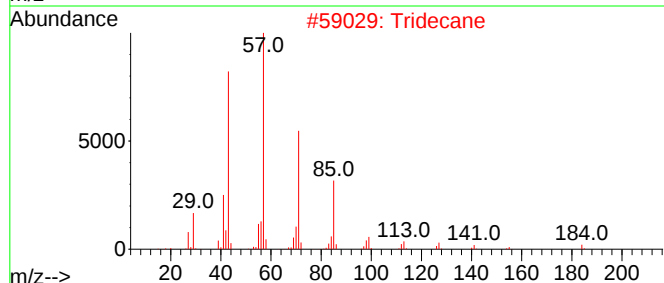
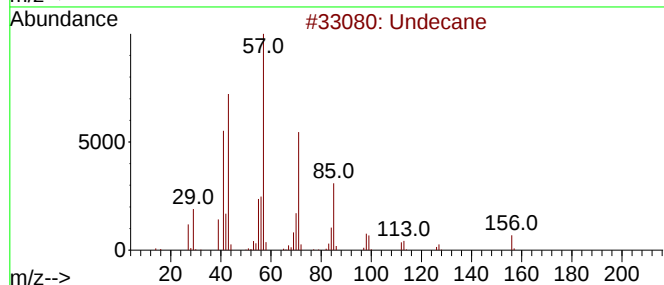
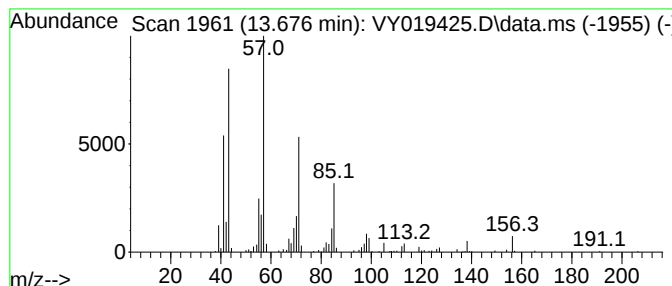
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
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Peak Number 2 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	21.66 ug/l	106761	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Tridecane			184	C13H28	000629-50-5	86
3	Decane			142	C10H22	000124-18-5	80
4	Hexadecane			226	C16H34	000544-76-3	80
5	Tetradecane			198	C14H30	000629-59-4	80



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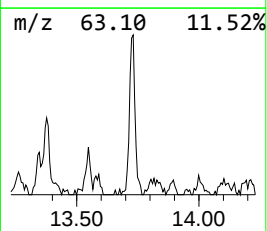
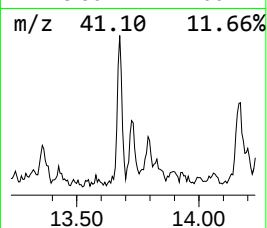
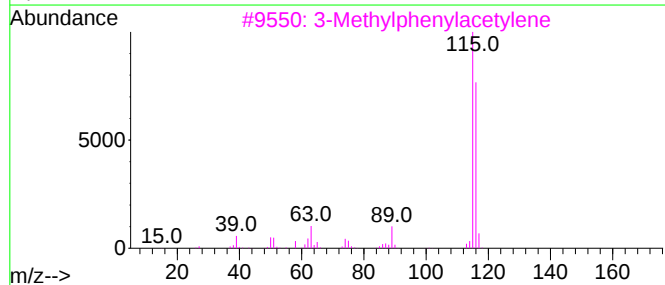
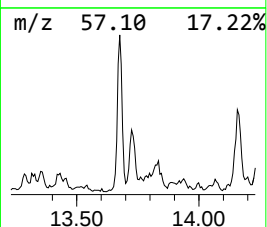
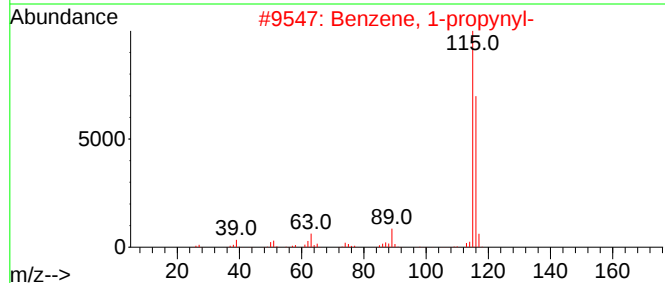
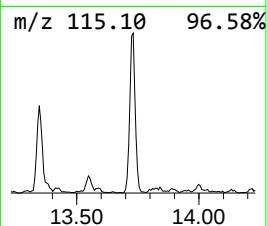
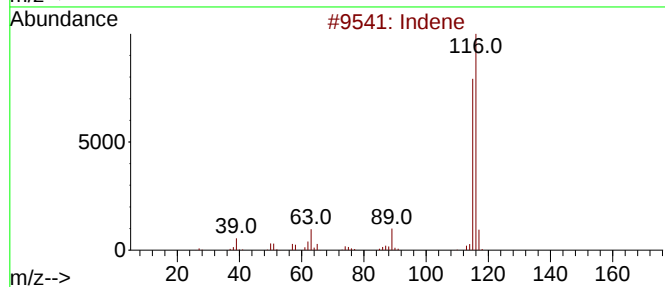
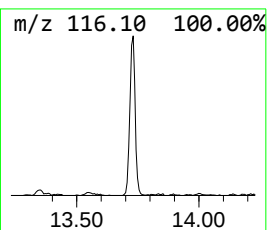
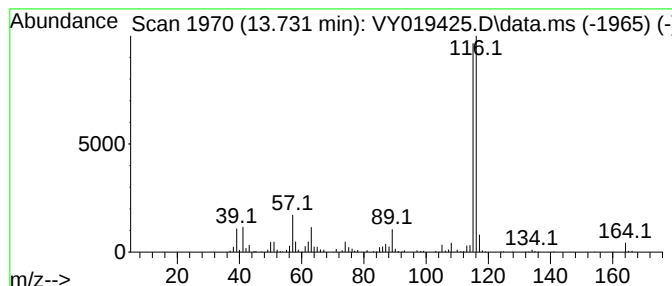
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.731	31.42 ug/l	154868	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	94
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3			3-Methylphenylacetylene	116	C9H8	000766-82-5	87
4			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
5			1-indanol trifluoroacetate ester	230	C11H9F3O2	1000376-43-6	64



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Instrument :
MSVOA_Y
ClientSampleId :
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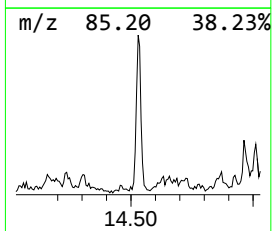
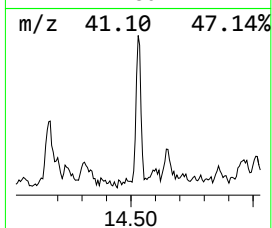
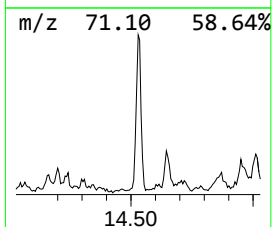
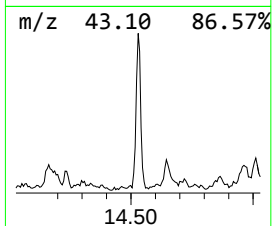
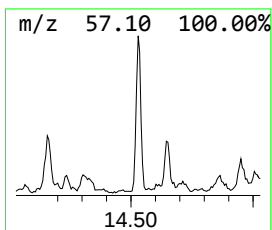
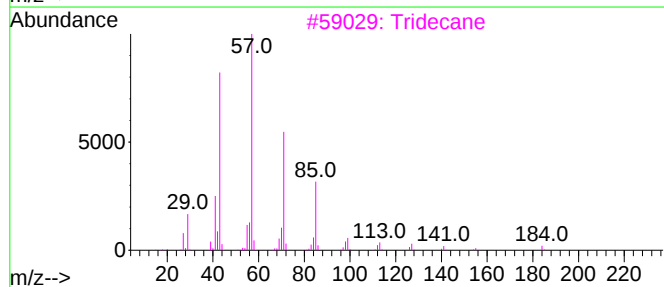
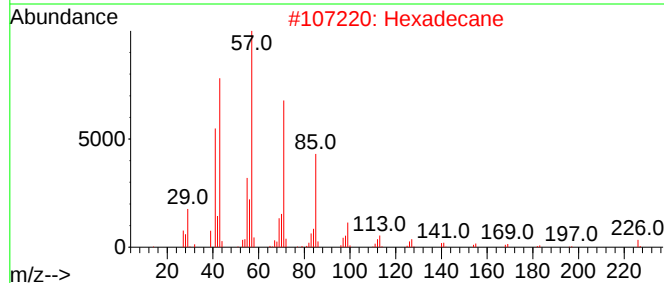
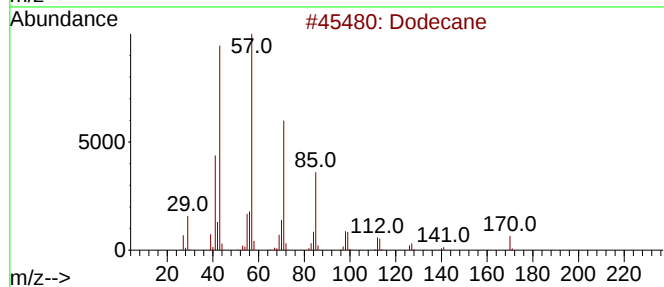
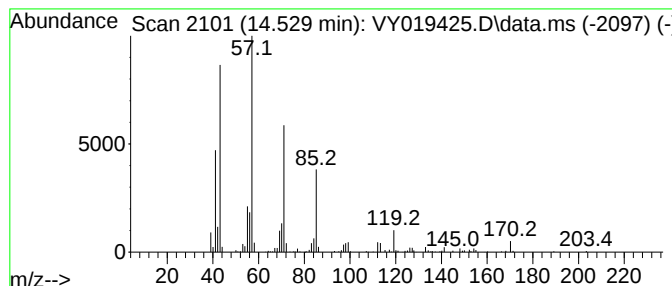
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Quant Title : SW846 8260

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

Peak Number 4 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	29.28 ug/l	144360	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Hexadecane	226	C16H34	000544-76-3	80
3			Tridecane	184	C13H28	000629-50-5	64
4			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	64
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59



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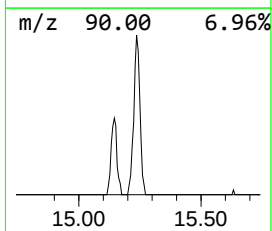
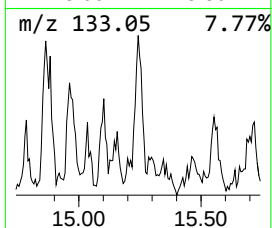
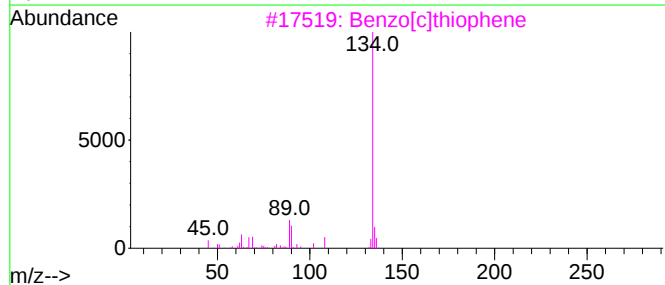
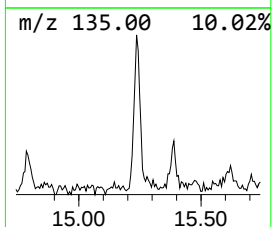
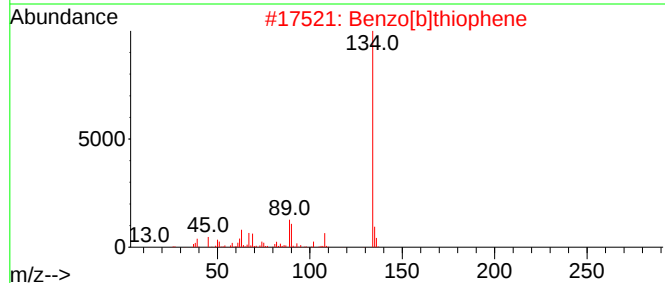
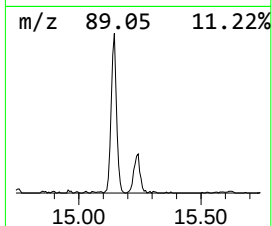
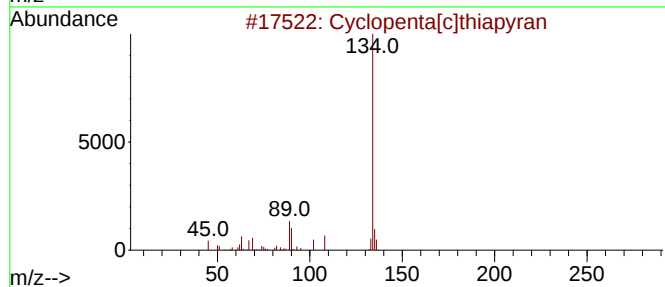
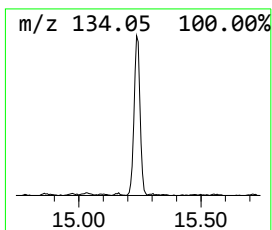
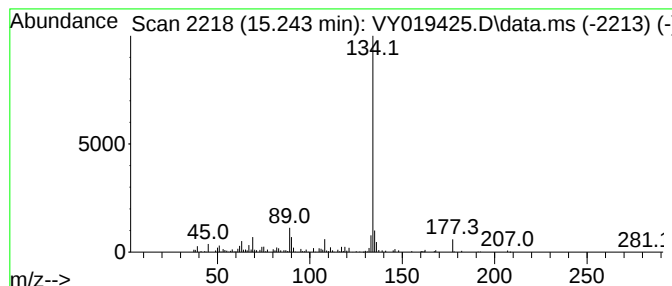
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclopenta[c]thiapyran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	24.57 ug/l	121134	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	87
3			Benzo[c]thiophene	134	C8H6S	000270-82-6	87
4			6-Phenyl-[1,3]thiazine-2,4-dione	205	C10H7N02S	1000300-90-1	56
5			[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
Data File : VY019425.D
Acq On : 03 Sep 2024 13:40
Operator : SY/MD
Sample : P3787-05
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

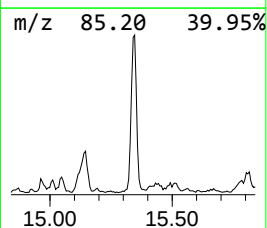
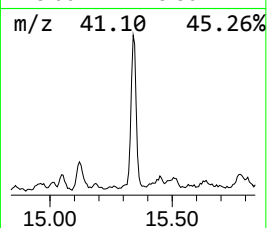
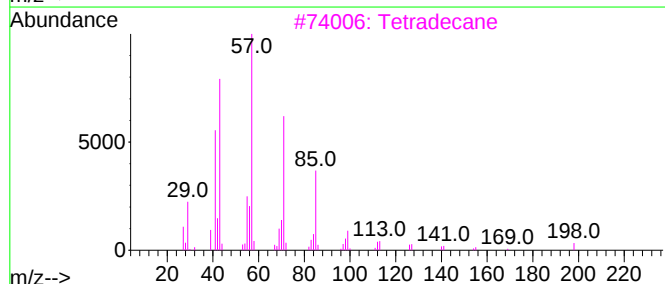
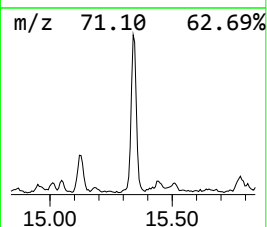
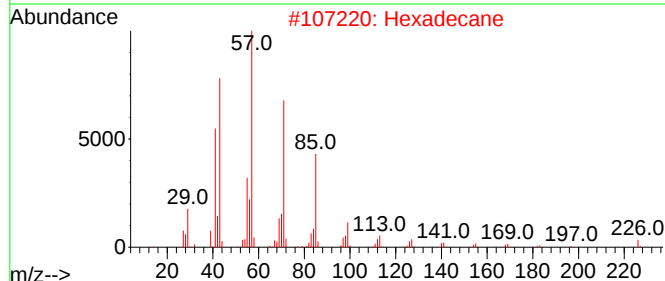
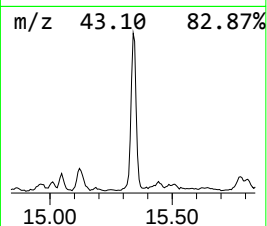
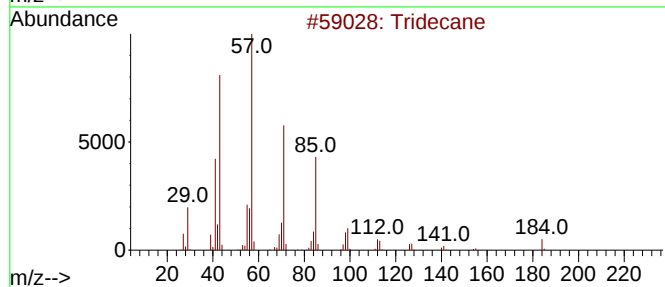
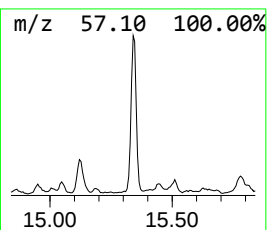
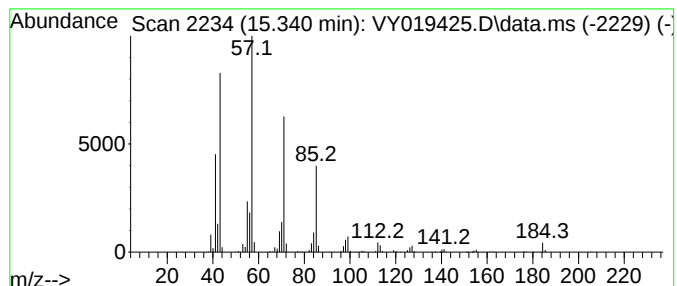
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Quant Title : SW846 8260

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

Peak Number 6 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.340	101.73 ug/l	501474	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	97
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
5			Dodecane	170	C12H26	000112-40-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
Data File : VY019425.D
Acq On : 03 Sep 2024 13:40
Operator : SY/MD
Sample : P3787-05
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

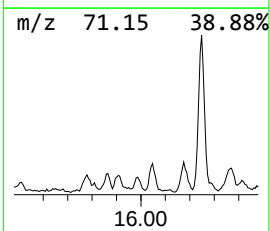
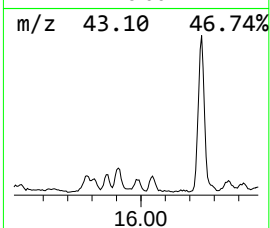
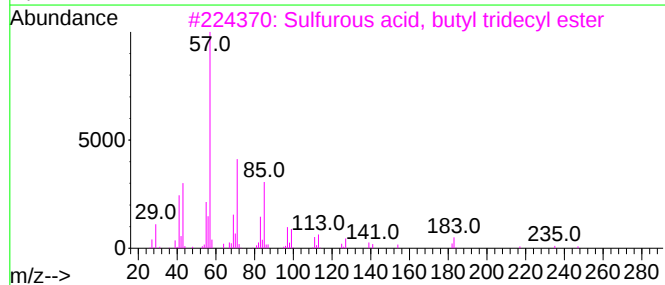
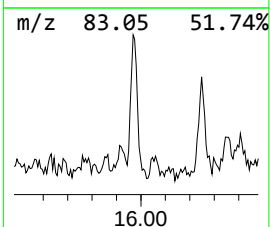
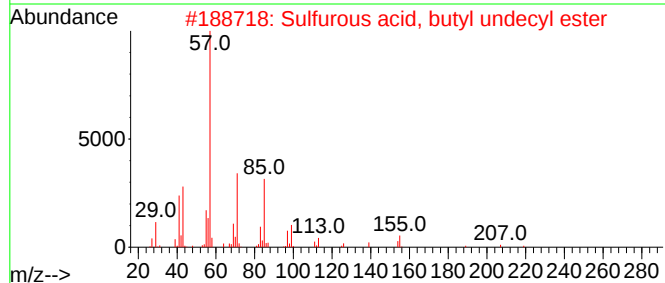
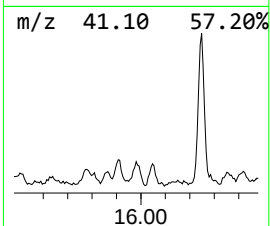
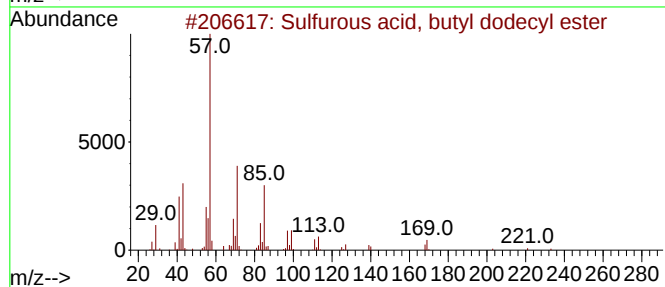
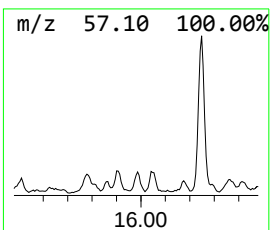
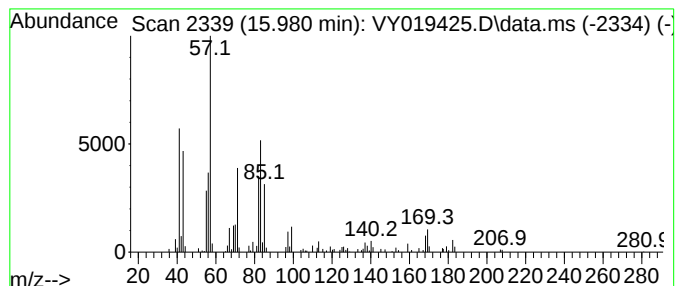
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Quant Title : SW846 8260

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

Peak Number 7 Sulfurous acid, butyl dodec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	17.58 ug/l	86685	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	50
2			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	49
3			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	47
4			Hexanoic acid, 3,5,5-trimethyl-,...	302	C15H20Cl2O2	1000406-82-7	47
5			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
Data File : VY019425.D
Acq On : 03 Sep 2024 13:40
Operator : SY/MD
Sample : P3787-05
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

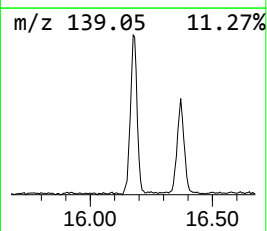
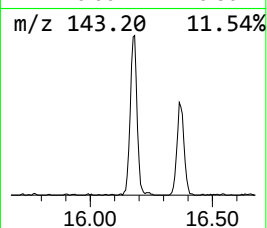
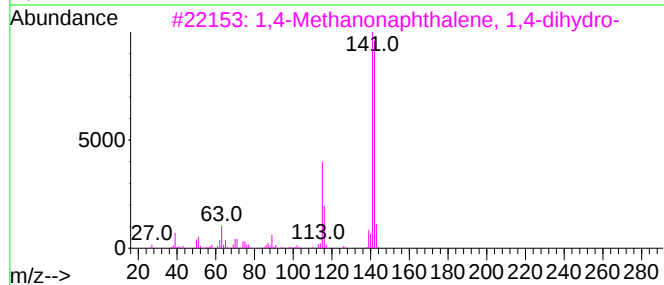
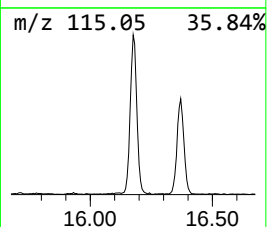
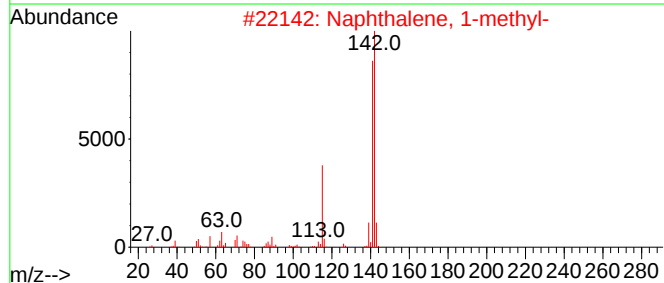
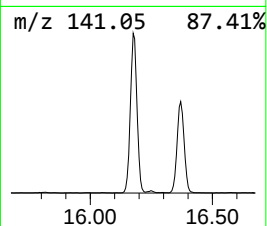
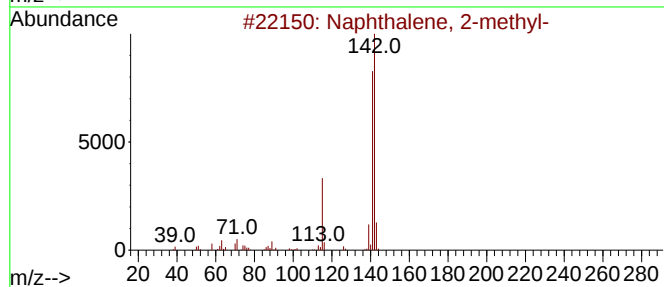
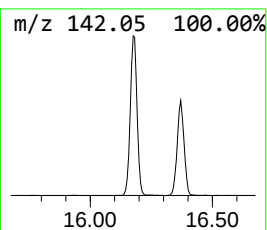
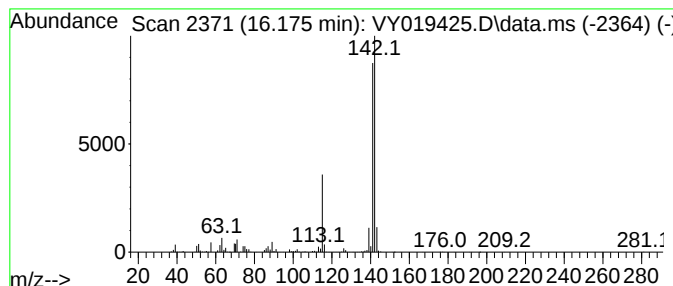
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.175	163.63 ug/l	806623	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1H-Indole-4-carbonitrile	142	C9H6N2	016136-52-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
Data File : VY019425.D
Acq On : 03 Sep 2024 13:40
Operator : SY/MD
Sample : P3787-05
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

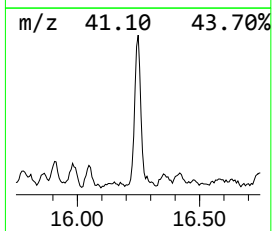
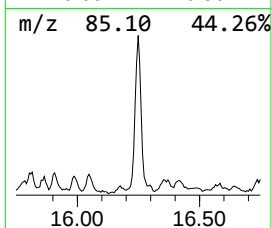
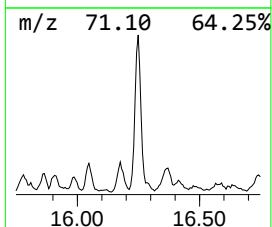
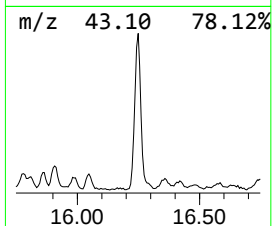
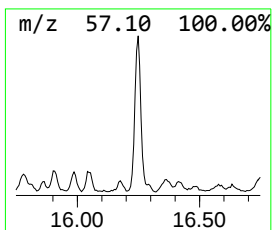
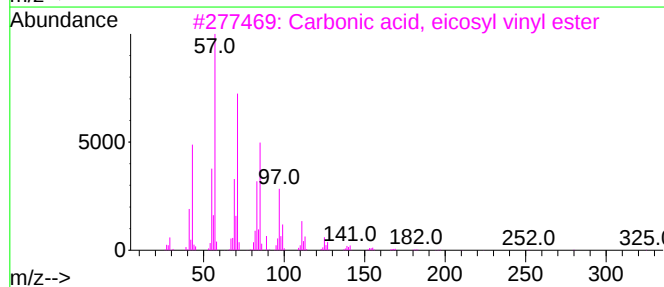
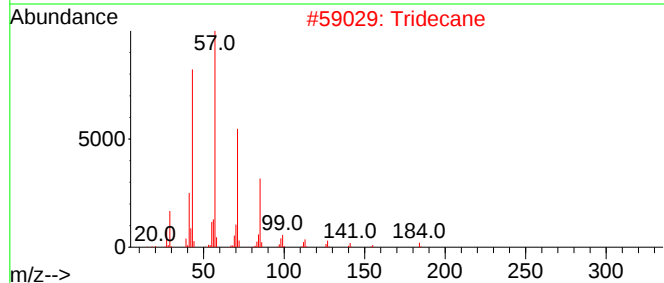
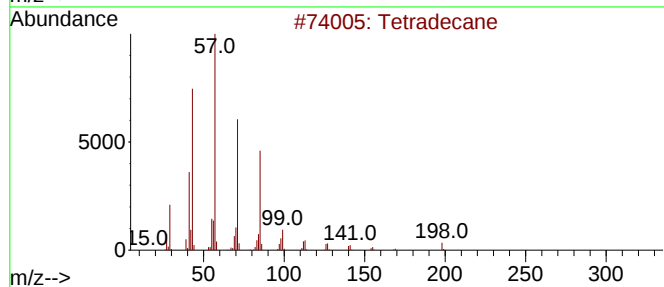
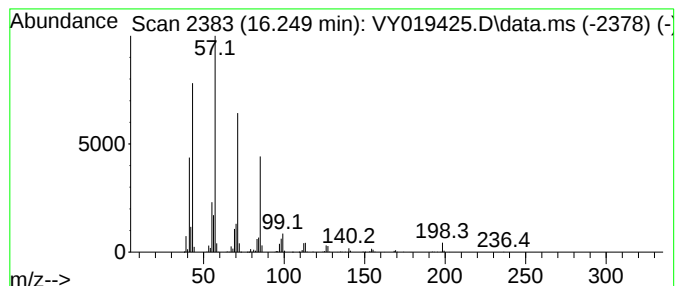
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Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.249	109.36 ug/l	539133	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Tridecane	184	C13H28	000629-50-5	90
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
Data File : VY019425.D
Acq On : 03 Sep 2024 13:40
Operator : SY/MD
Sample : P3787-05
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

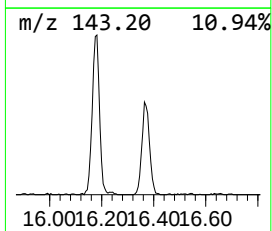
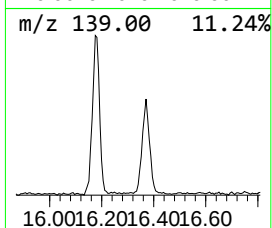
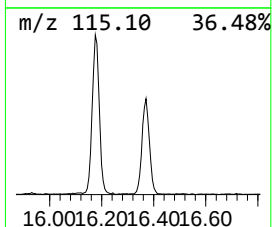
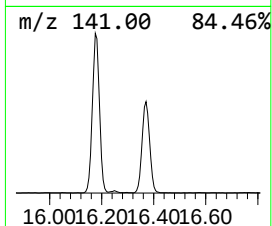
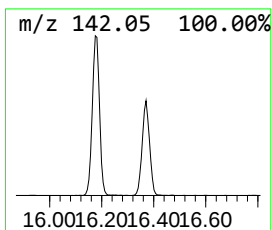
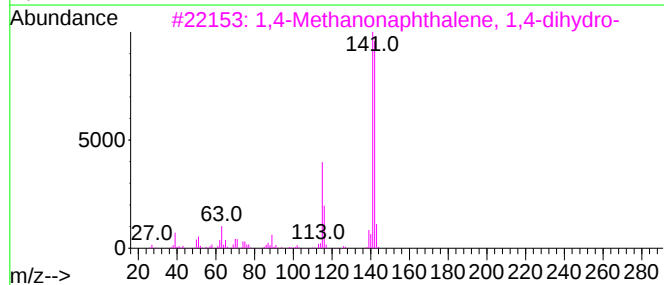
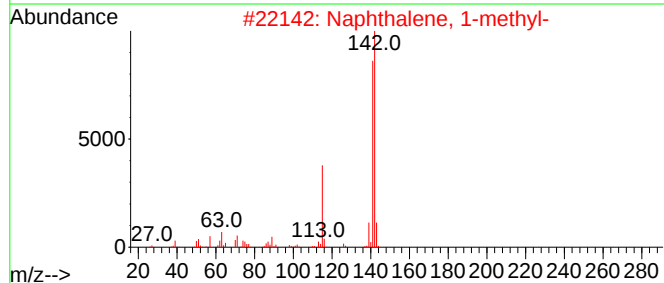
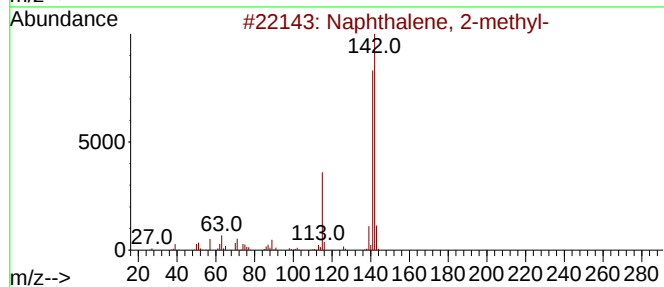
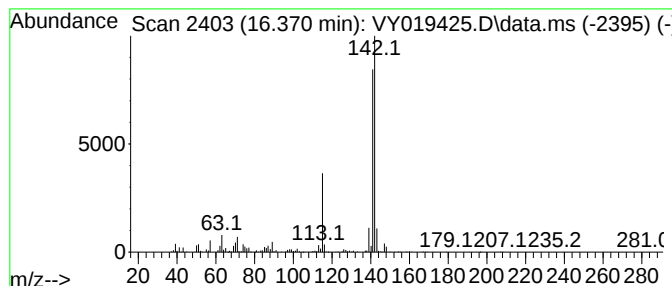
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Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.370	120.38 ug/l	593445	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
Data File : VY019425.D
Acq On : 03 Sep 2024 13:40
Operator : SY/MD
Sample : P3787-05
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.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	13.676	21.7	ug/l	106761	4	13.347	246483	50.0
Indene	13.731	31.4	ug/l	154868	4	13.347	246483	50.0
Dodecane	14.529	29.3	ug/l	144360	4	13.347	246483	50.0
Cyclopenta[c]th...	15.243	24.6	ug/l	121134	4	13.347	246483	50.0
Tridecane	15.340	101.7	ug/l	501474	4	13.347	246483	50.0
Sulfurous acid,...	15.980	17.6	ug/l	86685	4	13.347	246483	50.0
Naphthalene, 1-...	16.175	163.6	ug/l	806623	4	13.347	246483	50.0
Tetradecane	16.249	109.4	ug/l	539133	4	13.347	246483	50.0
1,4-Methanonaph...	16.370	120.4	ug/l	593445	4	13.347	246483	50.0