

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008528.D
 Acq On : 27 Apr 2022 15:34
 Operator : KP/MD
 Sample : N2577-04
 Misc : 7.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-06-(25-30)

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\82Y042122S.M
 Title : SW846 8260

Signal : TIC: VY008528.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	463	475	489	rBV3	10605	33207	2.04%	0.328%
2	7.722	957	968	973	rBV	113030	269390	16.54%	2.658%
3	7.789	973	979	993	rVB	180679	413060	25.36%	4.076%
4	8.142	1028	1037	1050	rBV	96026	215587	13.24%	2.127%
5	8.691	1117	1127	1138	rBV	285297	558048	34.27%	5.506%
6	10.179	1364	1371	1381	rBV	455880	821858	50.47%	8.109%
7	10.520	1424	1427	1433	rVB3	11394	20662	1.27%	0.204%
8	10.624	1440	1444	1455	rVB7	9710	23545	1.45%	0.232%
9	10.801	1469	1473	1478	rVB5	12659	18951	1.16%	0.187%
10	10.904	1485	1490	1494	rBV3	8378	16472	1.01%	0.163%
11	11.038	1509	1512	1516	rVV	13154	16964	1.04%	0.167%
12	11.093	1516	1521	1527	rVB	28437	46821	2.88%	0.462%
13	11.209	1535	1540	1543	rBV4	11177	19773	1.21%	0.195%
14	11.300	1550	1555	1563	rBV4	18148	41407	2.54%	0.409%
15	11.489	1580	1586	1597	rVB	445226	728437	44.73%	7.188%
16	11.678	1612	1617	1621	rBV5	16782	35019	2.15%	0.346%
17	11.739	1622	1627	1631	rVV	36210	64541	3.96%	0.637%
18	11.782	1631	1634	1639	rVB2	31393	44967	2.76%	0.444%
19	11.855	1641	1646	1648	rBV6	9319	19632	1.21%	0.194%
20	12.002	1666	1670	1677	rVB4	33067	60508	3.72%	0.597%
21	12.123	1687	1690	1694	rBV	40213	52683	3.24%	0.520%
22	12.166	1694	1697	1699	rBV2	14623	18742	1.15%	0.185%
23	12.203	1699	1703	1706	rVV4	39254	65366	4.01%	0.645%
24	12.251	1707	1711	1719	rVB3	62960	108119	6.64%	1.067%
25	12.380	1728	1732	1736	rBV4	26636	51124	3.14%	0.504%
26	12.489	1744	1750	1758	rVB2	901359	1628524	100.00%	16.069%
27	12.648	1772	1776	1784	rVB3	71014	154388	9.48%	1.523%
28	12.727	1784	1789	1794	rBV5	33594	77880	4.78%	0.768%
29	12.812	1795	1803	1808	rBV3	93052	235340	14.45%	2.322%
30	12.861	1808	1811	1815	rVB2	56155	75811	4.66%	0.748%
31	12.953	1817	1826	1830	rBV4	99726	256728	15.76%	2.533%
32	13.044	1838	1841	1847	rVB2	30581	45058	2.77%	0.445%
33	13.324	1879	1887	1891	rBV2	128721	246703	15.15%	2.434%
34	13.428	1898	1904	1913	rBV	491004	781199	47.97%	7.708%
35	13.568	1923	1927	1929	rBV4	32614	49684	3.05%	0.490%
36	13.751	1952	1957	1962	rBV2	162963	284948	17.50%	2.812%

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Start Thrs: 0.2

Max Peaks: 100

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	13.794	1962	1964	1968	rVV2	58867	79116	4.86%	0.781%
38	13.855	1971	1974	1981	rVB6	48903	88482	5.43%	0.873%
39	13.971	1989	1993	1998	rVB2	162264	264985	16.27%	2.615%
40	14.080	2007	2011	2016	rVB4	67144	111948	6.87%	1.105%
41	14.147	2017	2022	2027	rVB8	37123	71394	4.38%	0.704%
42	14.196	2028	2030	2035	rVB5	18781	21680	1.33%	0.214%
43	14.263	2036	2041	2045	rBV4	151677	306561	18.82%	3.025%
44	14.379	2057	2060	2063	rBV2	23925	33098	2.03%	0.327%
45	14.422	2063	2067	2072	rBV3	83246	133795	8.22%	1.320%
46	14.617	2096	2099	2103	rVV5	24676	33429	2.05%	0.330%
47	14.678	2104	2109	2115	rVV4	139305	290785	17.86%	2.869%
48	14.739	2115	2119	2125	rVB4	86814	162638	9.99%	1.605%
49	14.849	2134	2137	2139	rBV3	22273	29062	1.78%	0.287%
50	14.946	2150	2153	2157	rVB2	51450	66673	4.09%	0.658%
51	14.989	2157	2160	2166	rBV4	20525	41317	2.54%	0.408%
52	15.056	2166	2171	2178	rVV2	47927	96164	5.90%	0.949%
53	15.214	2193	2197	2203	rVB2	83981	127326	7.82%	1.256%
54	15.525	2242	2248	2250	rBV7	17776	40336	2.48%	0.398%
55	15.605	2257	2261	2267	rVB6	34538	64178	3.94%	0.633%
56	15.733	2279	2282	2287	rVB3	33690	51180	3.14%	0.505%
57	16.037	2326	2332	2337	rBV4	53000	109172	6.70%	1.077%
58	16.159	2347	2352	2359	rBV	94199	153023	9.40%	1.510%
59	16.232	2360	2364	2369	rVB3	26066	43992	2.70%	0.434%
60	16.482	2400	2405	2411	rBV5	43897	113191	6.95%	1.117%

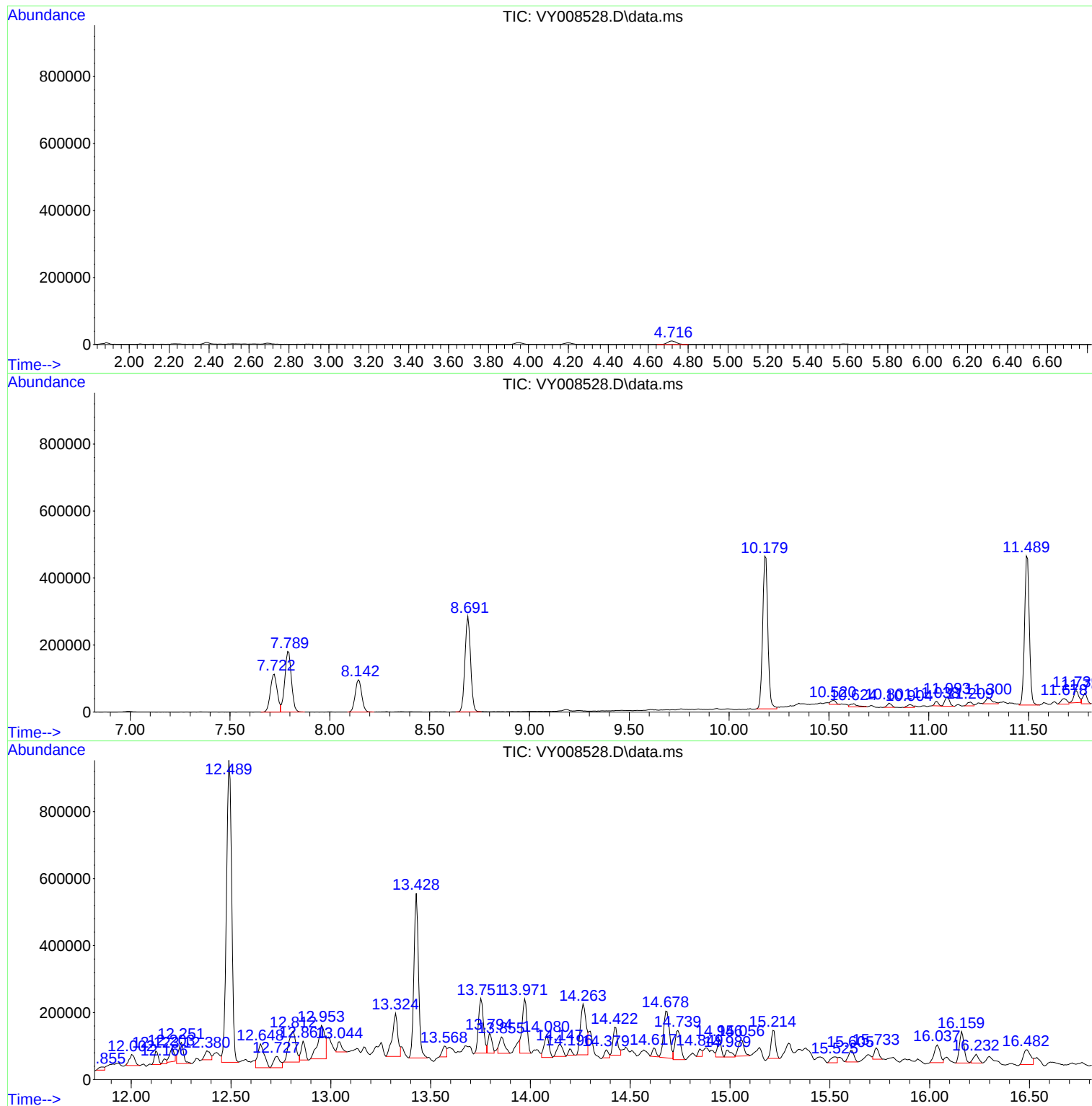
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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MSVOA_Y
ClientSampleId :
GT-06-(25-30)

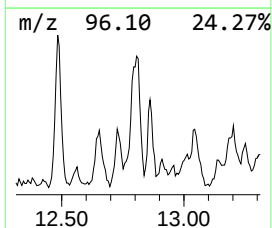
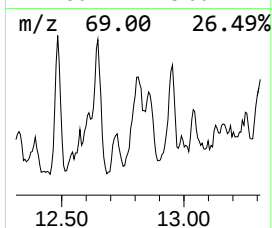
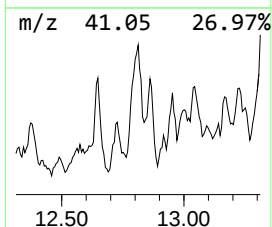
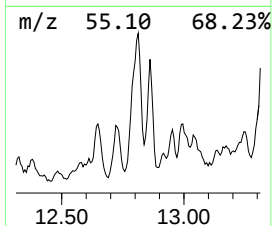
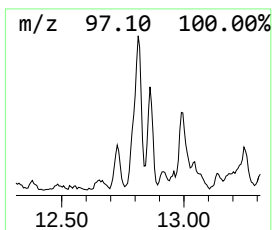
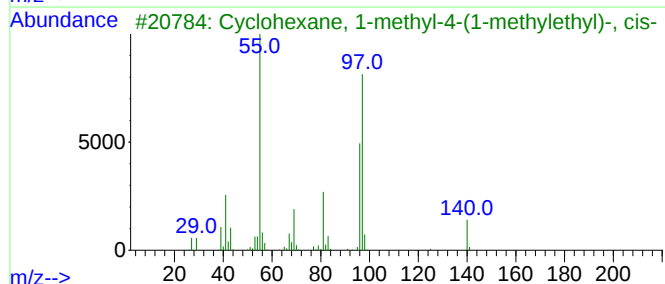
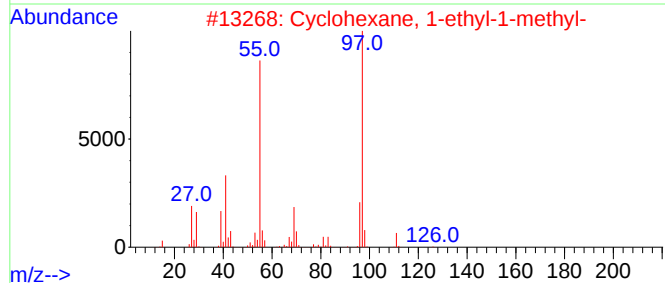
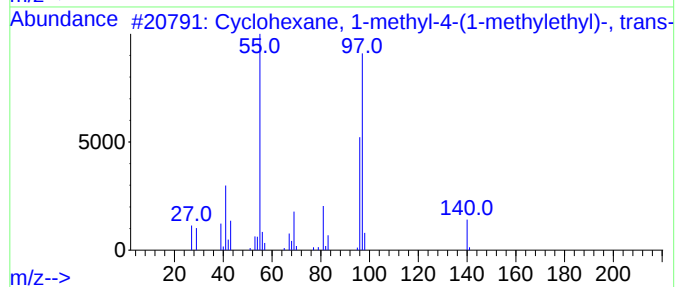
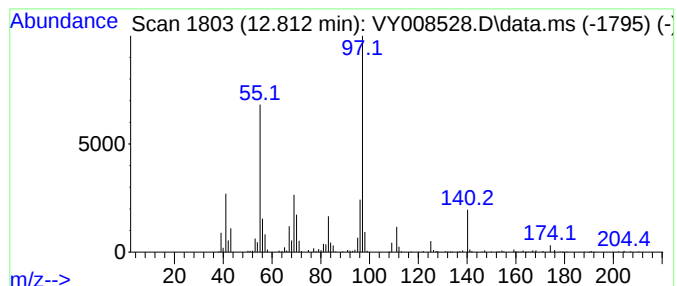
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	15.06 ug/l	235340	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	53
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53
4			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	53
5			2-(3-Methyl-2,5-dihydro-1H-pyraz...	127	C6H13N3	1000387-20-9	53



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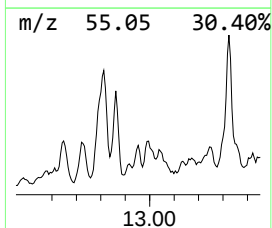
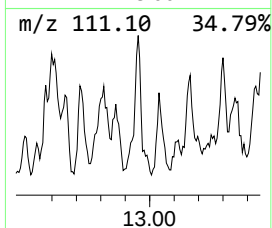
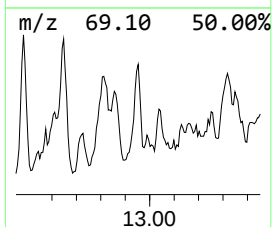
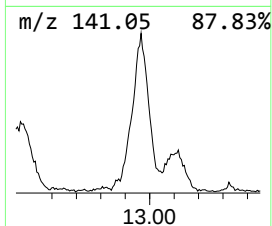
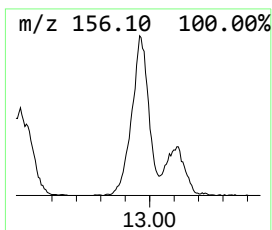
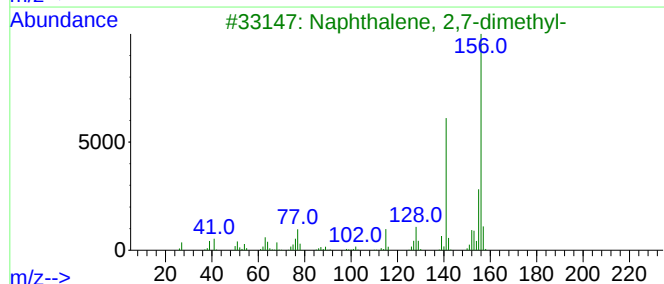
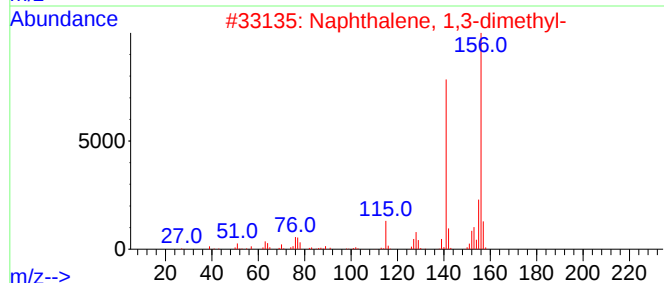
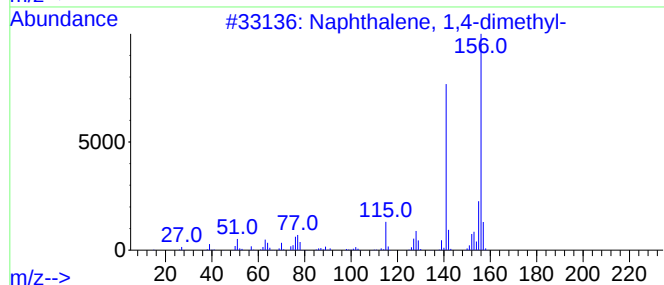
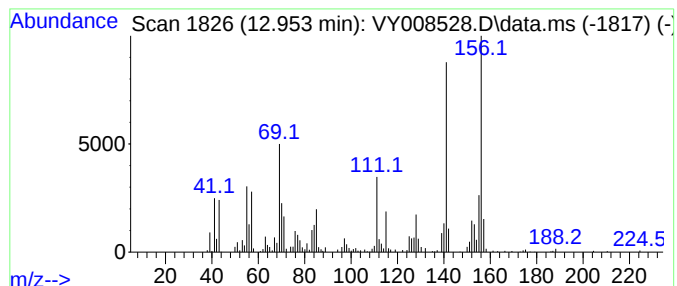
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.953	16.43 ug/l	256728	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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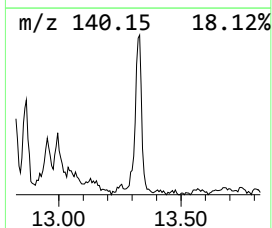
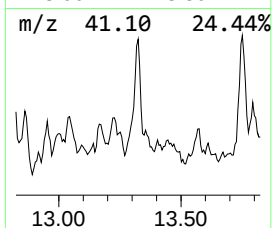
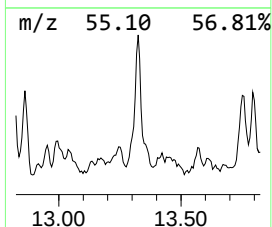
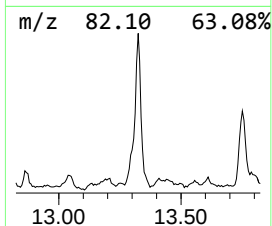
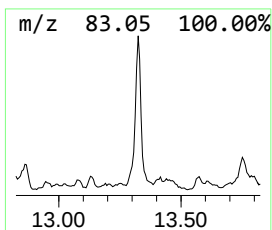
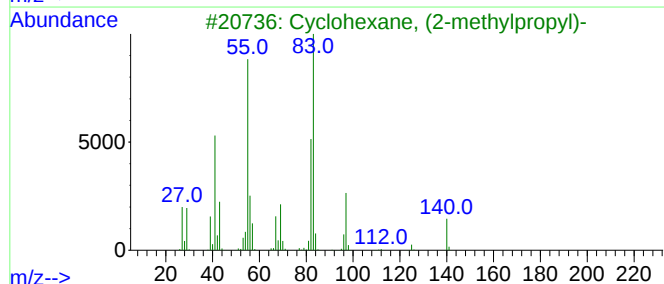
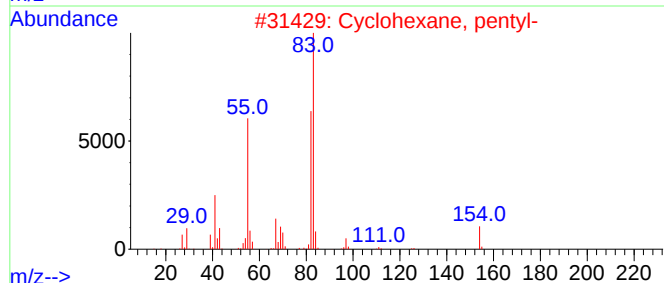
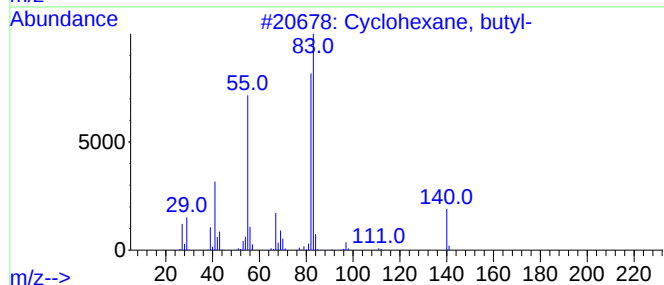
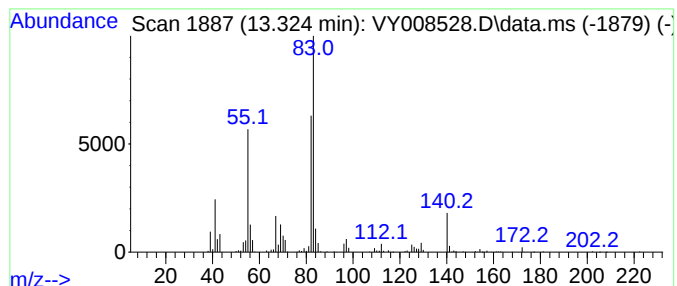
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.325	15.79 ug/l	246703	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	95
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	74
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	72



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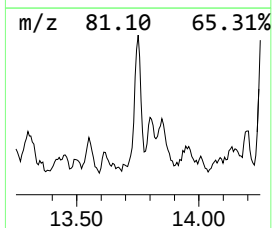
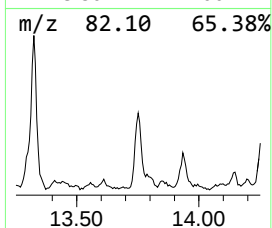
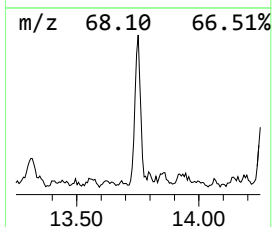
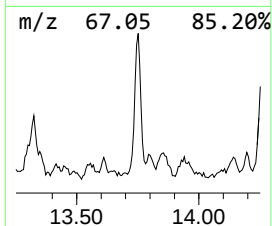
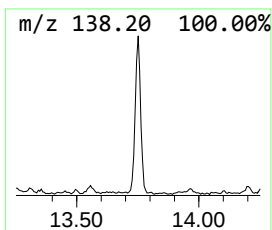
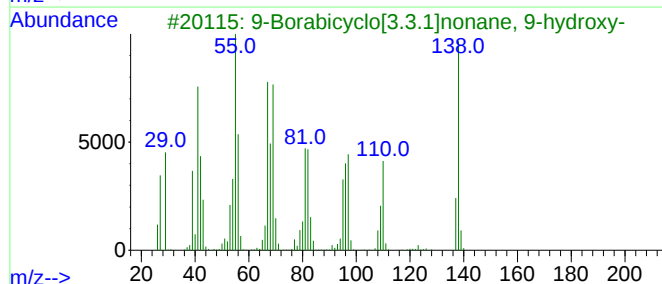
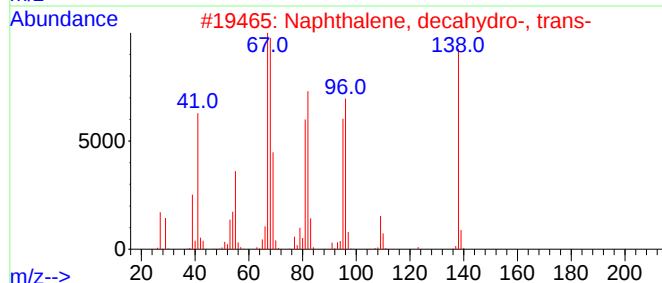
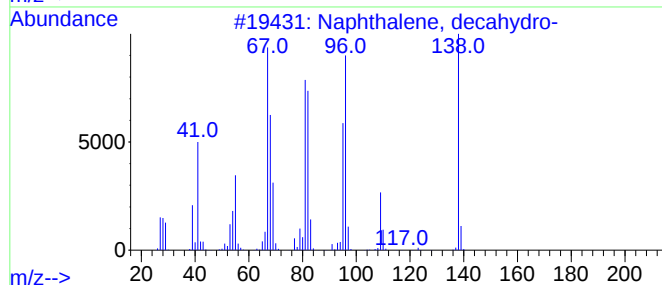
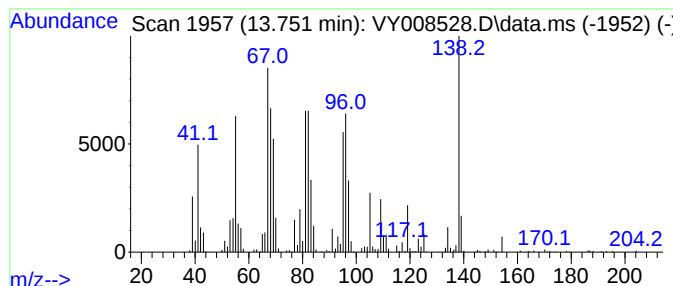
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, decahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	18.24 ug/l	284948	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	97
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3			9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	86
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
5			Spiro[4.5]decane	138	C10H18	000176-63-6	81



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ClientSampleId :
GT-06-(25-30)

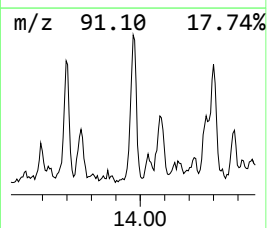
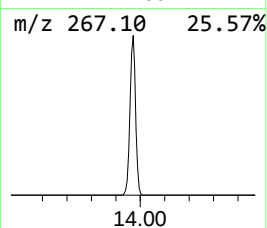
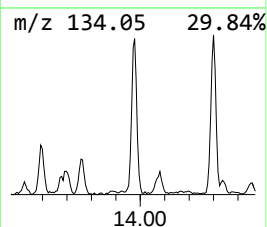
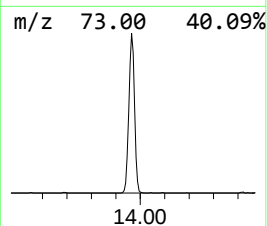
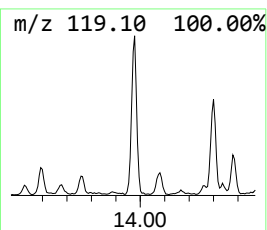
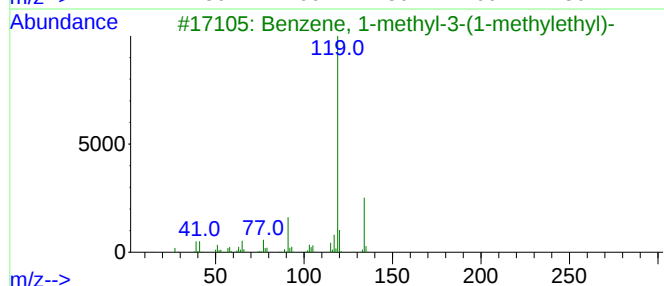
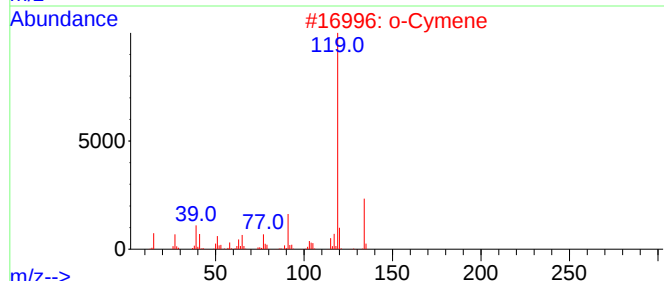
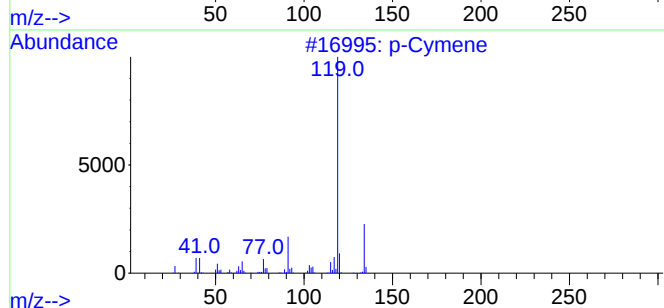
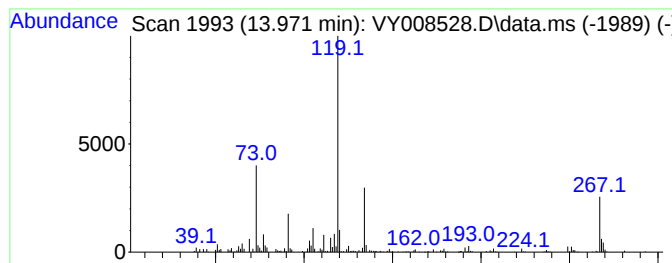
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Quant Title : SW846 8260

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

Peak Number 5 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	16.96 ug/l	264985	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008528.D
Acq On : 27 Apr 2022 15:34
Operator : KP/MD
Sample : N2577-04
Misc : 7.61g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(25-30)

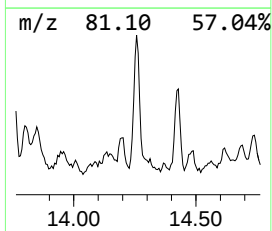
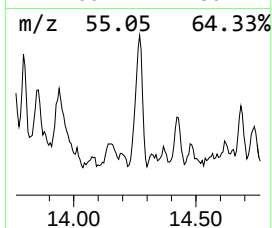
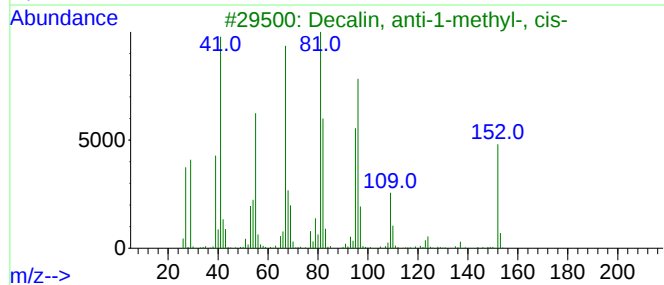
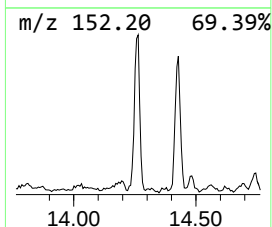
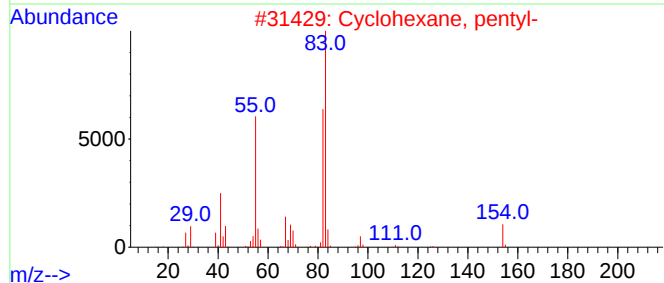
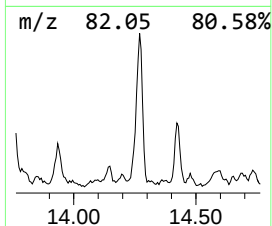
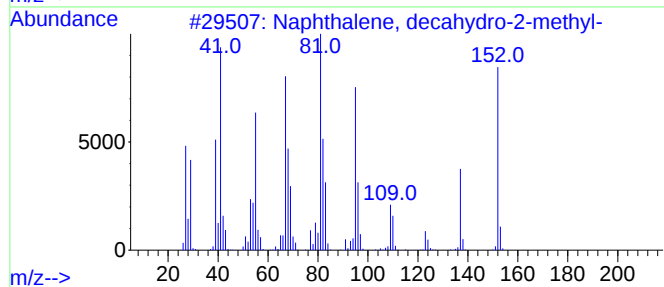
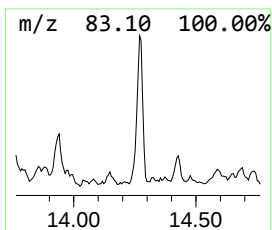
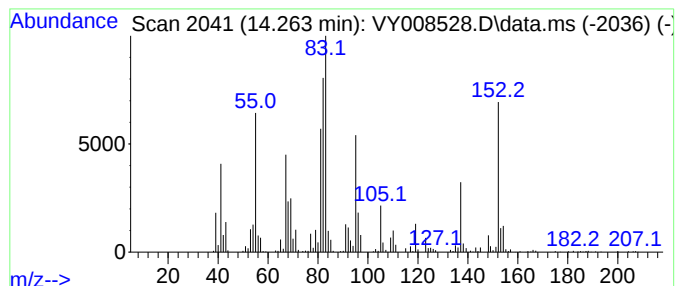
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	19.62 ug/l	306561	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	45
3			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	38
4			2-Cyclohexen-1-one, 2-methyl-5-(...	152	C10H16O	000499-71-8	38
5			1-Azabicyclo[3.1.0]hexane	83	C5H9N	000285-76-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008528.D
Acq On : 27 Apr 2022 15:34
Operator : KP/MD
Sample : N2577-04
Misc : 7.61g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(25-30)

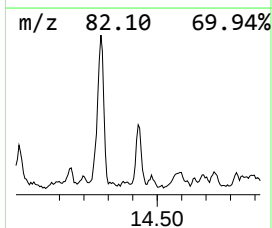
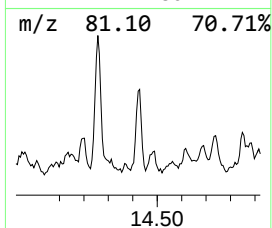
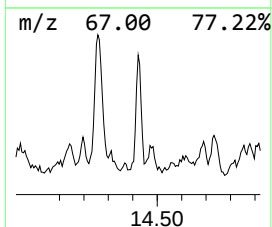
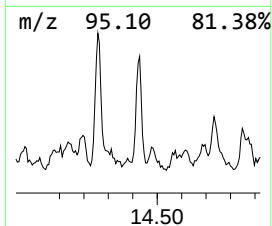
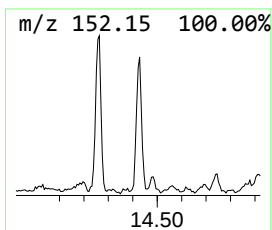
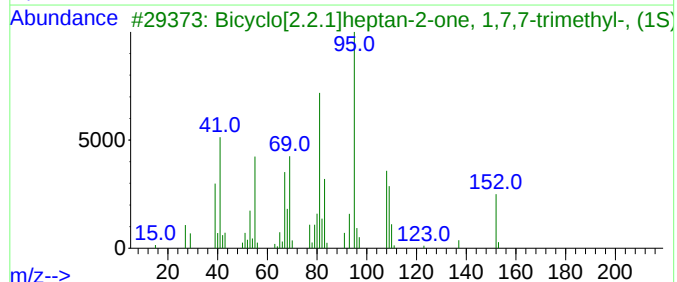
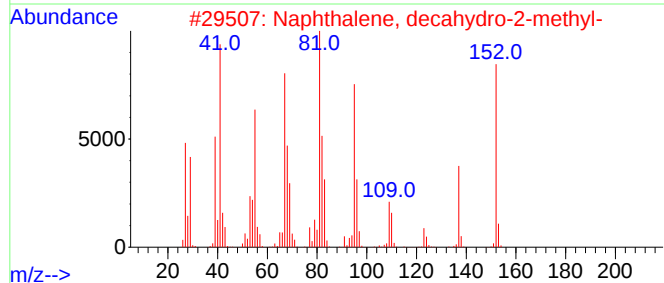
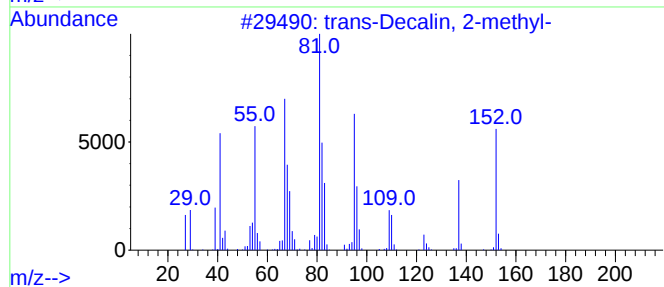
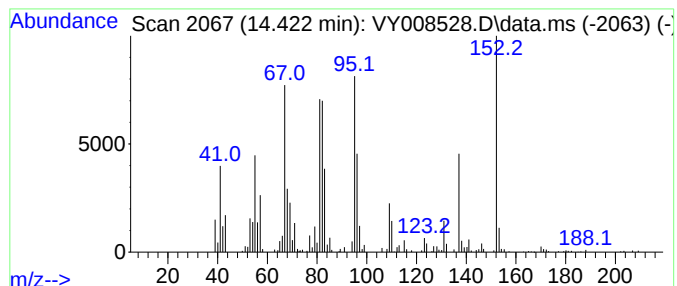
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Quant Title : SW846 8260

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

Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	8.56 ug/l	133795	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
5			Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008528.D
Acq On : 27 Apr 2022 15:34
Operator : KP/MD
Sample : N2577-04
Misc : 7.61g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(25-30)

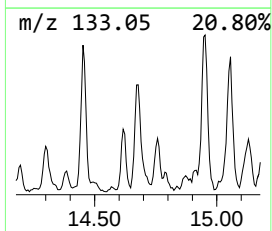
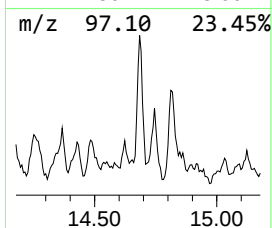
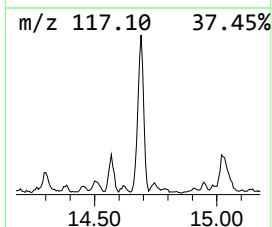
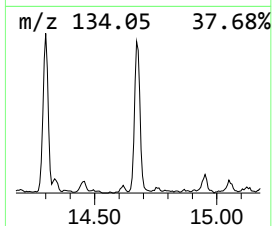
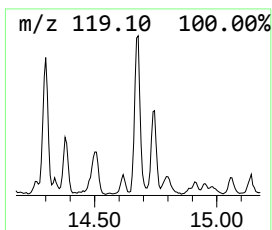
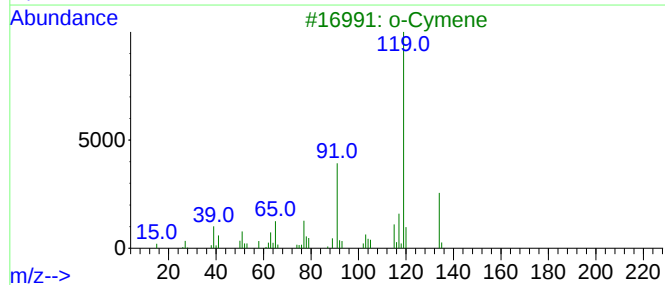
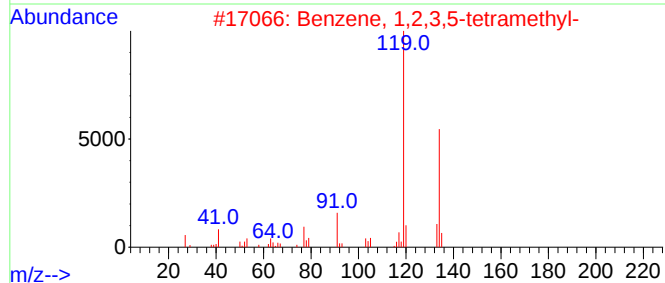
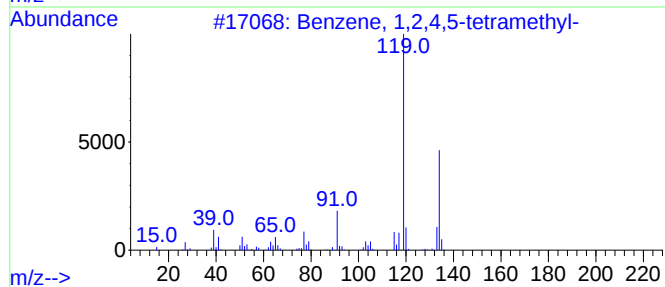
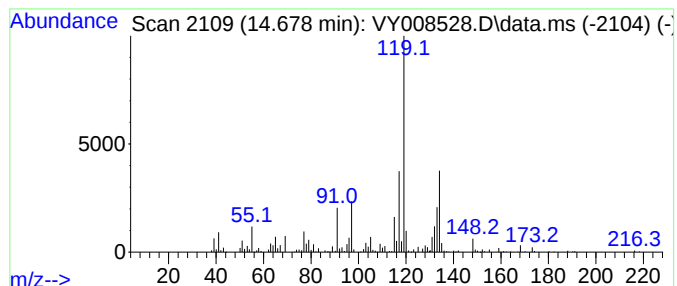
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	18.61 ug/l	290785	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
3			o-Cymene	134	C10H14	000527-84-4	64
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
5			p-Cymene	134	C10H14	000099-87-6	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008528.D
Acq On : 27 Apr 2022 15:34
Operator : KP/MD
Sample : N2577-04
Misc : 7.61g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(25-30)

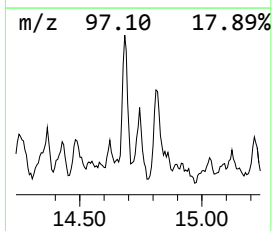
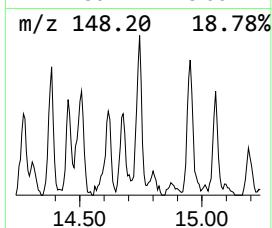
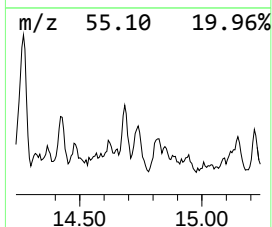
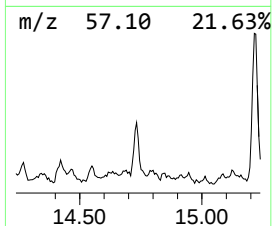
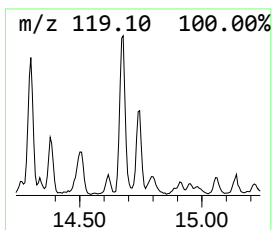
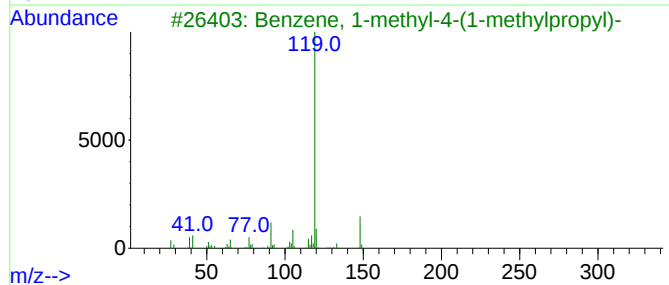
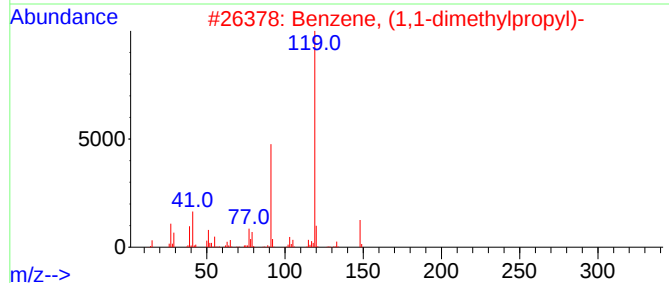
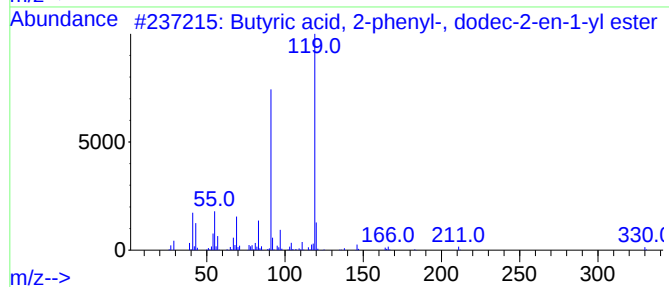
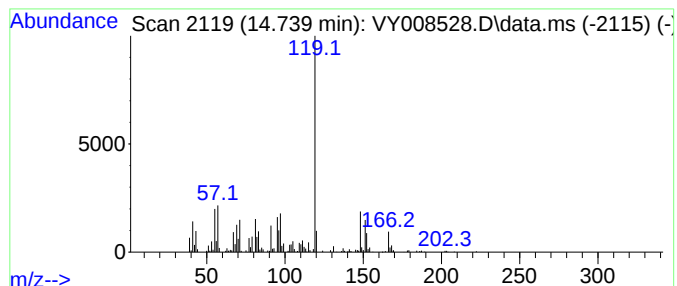
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Quant Title : SW846 8260

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

Peak Number 9 Butyric acid, 2-phenyl-, do... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	10.41 ug/l	162638	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butyric acid, 2-phenyl-, dodec-2...	330	C22H34O2	1000406-86-7	50
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
3			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	49
4			m-Toluic acid, 2-ethylcyclohexyl...	246	C16H22O2	1000293-33-2	47
5			p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008528.D
Acq On : 27 Apr 2022 15:34
Operator : KP/MD
Sample : N2577-04
Misc : 7.61g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(25-30)

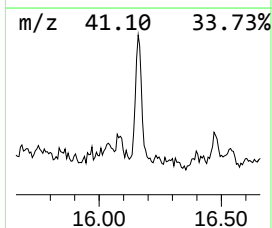
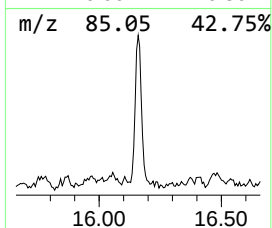
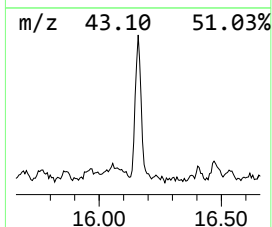
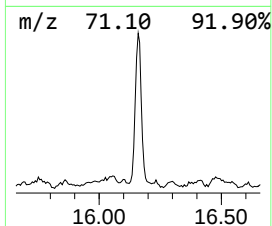
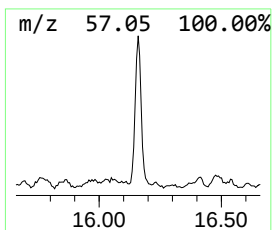
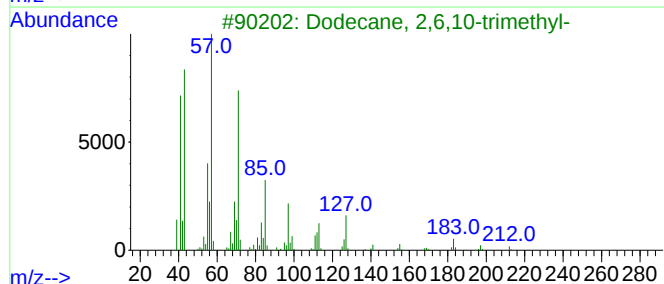
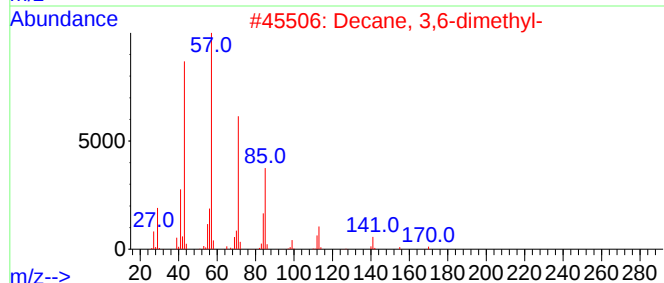
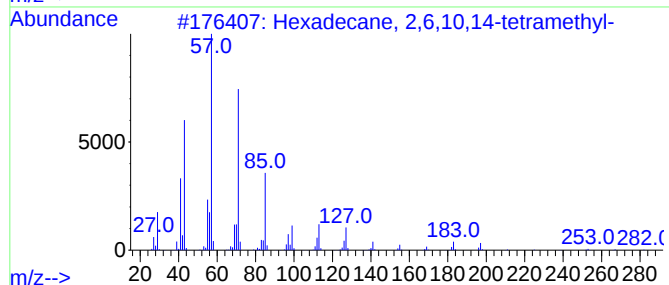
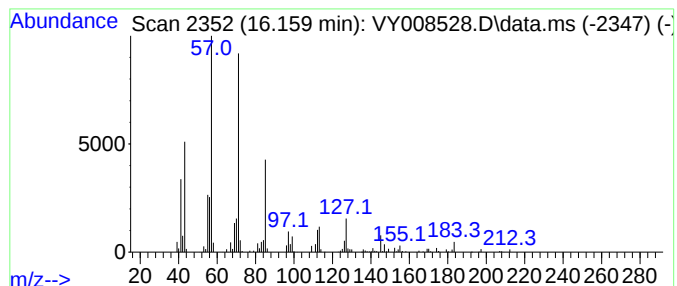
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Quant Title : SW846 8260

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

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.159	9.79 ug/l	153023	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
5			Octane, 2-methyl-	128	C9H20	003221-61-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008528.D
Acq On : 27 Apr 2022 15:34
Operator : KP/MD
Sample : N2577-04
Misc : 7.61g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(25-30)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.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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Naphthalene, 1,...	12.953	16.4	ug/l	256728	4	13.428	781199	50.0
Cyclohexane, bu...	13.325	15.8	ug/l	246703	4	13.428	781199	50.0
Naphthalene, de...	13.751	18.2	ug/l	284948	4	13.428	781199	50.0
p-Cymene	13.971	17.0	ug/l	264985	4	13.428	781199	50.0
Naphthalene, de...	14.263	19.6	ug/l	306561	4	13.428	781199	50.0
trans-Decalin, ...	14.422	8.6	ug/l	133795	4	13.428	781199	50.0
Benzene, 1,2,4,...	14.678	18.6	ug/l	290785	4	13.428	781199	50.0
Butyric acid, 2...	14.739	10.4	ug/l	162638	4	13.428	781199	50.0
Hexadecane, 2,6...	16.159	9.8	ug/l	153023	4	13.428	781199	50.0