

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001279.D
 Acq On : 17 Jan 2020 20:31
 Operator : SY/MD
 Sample : L1154-01
 Misc : 7.39G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B4-0-15

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.761	484	496	507	rBV2	17415	56116	5.50%	0.940%
2	7.760	978	988	993	rBV	137168	329433	32.30%	5.516%
3	7.827	993	999	1009	rVB2	237516	544801	53.42%	9.122%
4	8.181	1047	1057	1067	rBV	137240	308924	30.29%	5.172%
5	8.724	1137	1146	1161	rVB	392492	767008	75.20%	12.842%
6	10.205	1380	1389	1398	rBV	575609	1019916	100.00%	17.076%
7	11.510	1594	1603	1613	rBV	494696	788322	77.29%	13.199%
8	11.754	1639	1643	1648	rVV5	5705	11181	1.10%	0.187%
9	12.022	1679	1687	1693	rBV5	16825	39424	3.87%	0.660%
10	12.107	1698	1701	1709	rVB6	6392	13030	1.28%	0.218%
11	12.223	1713	1720	1721	rVV5	16477	29903	2.93%	0.501%
12	12.253	1721	1725	1731	rVV4	29889	60640	5.95%	1.015%
13	12.333	1735	1738	1742	rVV4	8812	18481	1.81%	0.309%
14	12.388	1742	1747	1754	rVB5	14895	34973	3.43%	0.586%
15	12.497	1759	1765	1772	rBV	307588	490514	48.09%	8.213%
16	12.595	1772	1781	1783	rBV7	9999	27007	2.65%	0.452%
17	12.662	1783	1792	1798	rVB3	40095	87802	8.61%	1.470%
18	12.741	1798	1805	1810	rBV3	19099	44205	4.33%	0.740%
19	12.827	1811	1819	1824	rBV7	35795	93741	9.19%	1.569%
20	12.875	1825	1827	1832	rVB4	20494	26043	2.55%	0.436%
21	12.967	1838	1842	1845	rBV3	18800	25370	2.49%	0.425%
22	13.015	1845	1850	1852	rBV5	10012	17673	1.73%	0.296%
23	13.052	1852	1856	1863	rVB5	22470	44679	4.38%	0.748%
24	13.180	1874	1877	1882	rBV3	15457	20629	2.02%	0.345%
25	13.235	1883	1886	1889	rBV2	15089	20063	1.97%	0.336%
26	13.333	1895	1902	1906	rBV6	41198	92920	9.11%	1.556%
27	13.442	1914	1920	1929	rVB	322743	494168	48.45%	8.274%
28	13.582	1939	1943	1947	rVB3	14853	22415	2.20%	0.375%
29	13.765	1967	1973	1977	rVV4	62062	109079	10.69%	1.826%
30	13.808	1977	1980	1985	rVB4	13317	19515	1.91%	0.327%
31	13.875	1987	1991	1993	rBV4	8826	13499	1.32%	0.226%
32	14.088	2021	2026	2031	rBV7	12239	23585	2.31%	0.395%
33	14.156	2035	2037	2042	rVV4	11871	16260	1.59%	0.272%
34	14.277	2051	2057	2070	rVB5	38393	93769	9.19%	1.570%

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ClientSampleId :
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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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Title : SW846 8260

35	14.436	2079	2083	2088	rVB4	21815	29955	2.94%	0.502%
36	14.631	2111	2115	2119	rVB4	14588	19286	1.89%	0.323%
37	14.698	2122	2126	2131	rVV6	7441	11966	1.17%	0.200%
38	14.747	2131	2134	2141	rVB6	11873	21541	2.11%	0.361%
39	15.070	2182	2187	2191	rBV8	5830	10586	1.04%	0.177%
40	15.222	2207	2212	2218	rBV5	9901	17138	1.68%	0.287%
41	15.448	2245	2249	2256	rVB	24355	36578	3.59%	0.612%
42	16.381	2396	2402	2408	rVB2	11785	20566	2.02%	0.344%

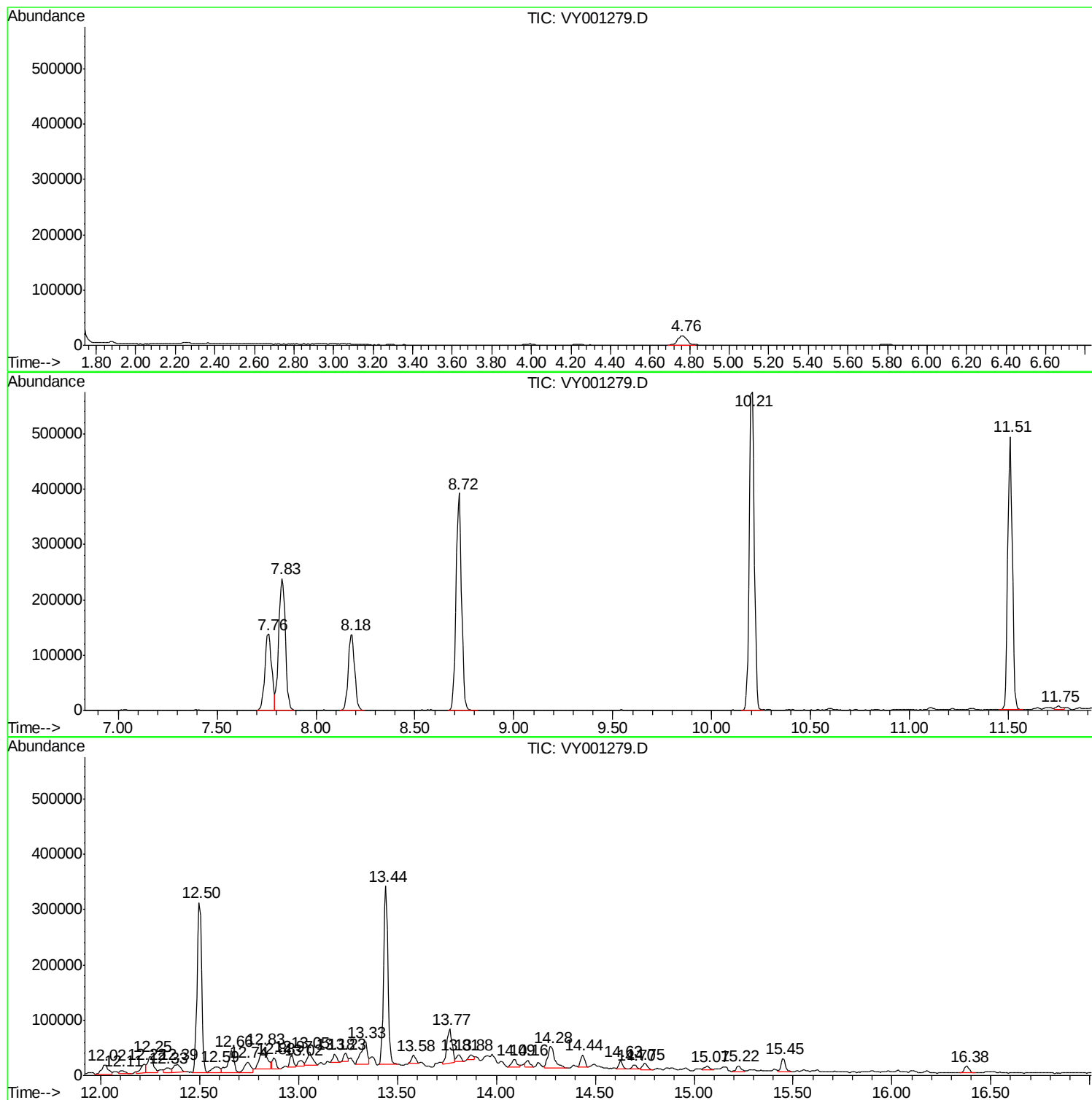
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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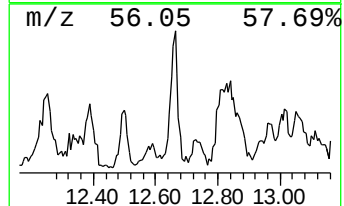
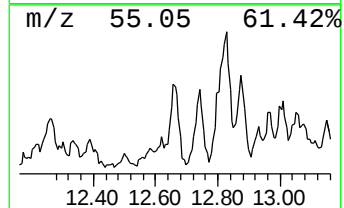
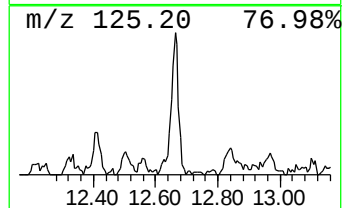
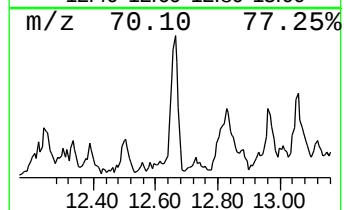
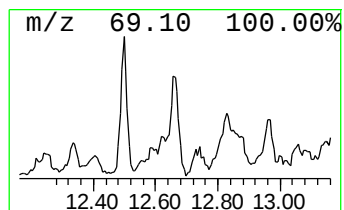
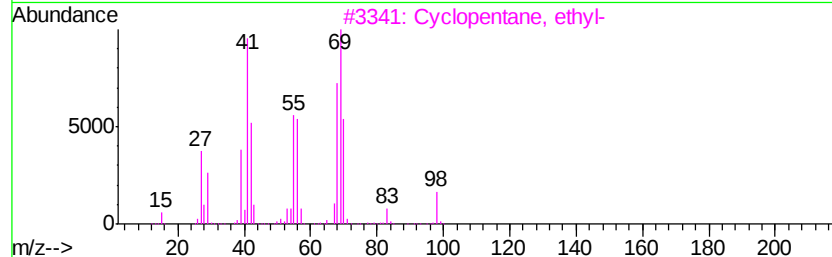
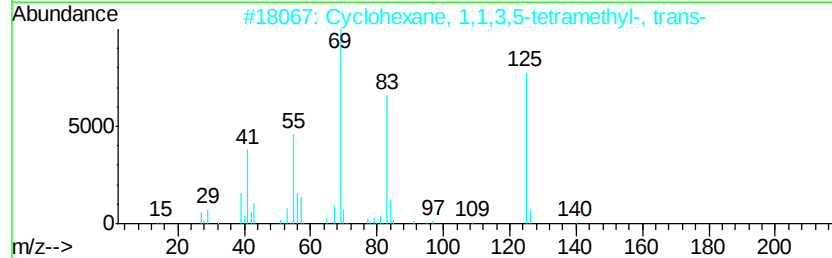
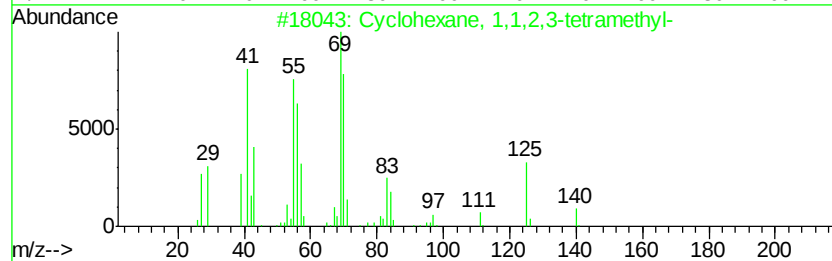
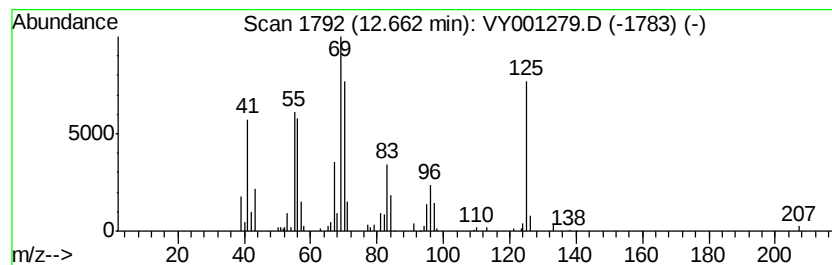
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	8.88 ug/l	87802	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	72
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
3		Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	35
5		4-Undecene, 2-methyl-, (E)-	168	C12H24	028665-57-8	35



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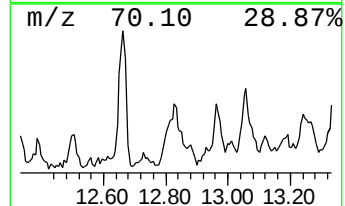
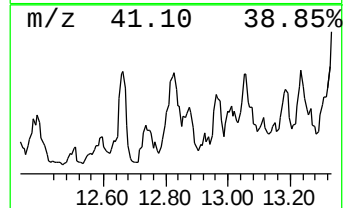
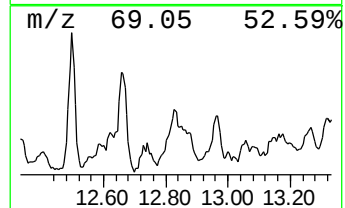
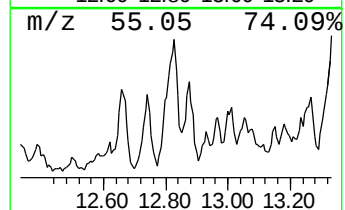
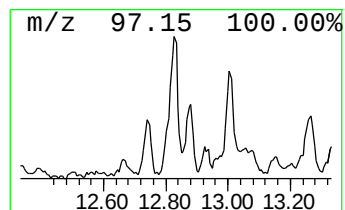
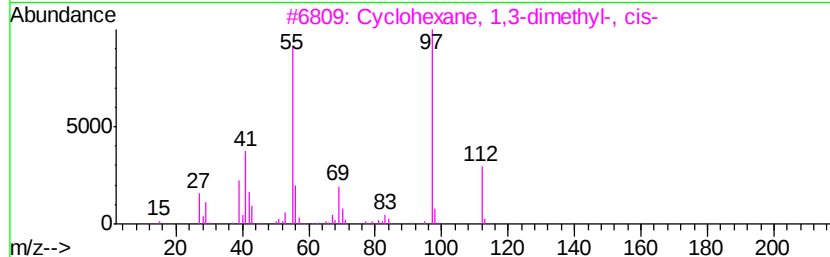
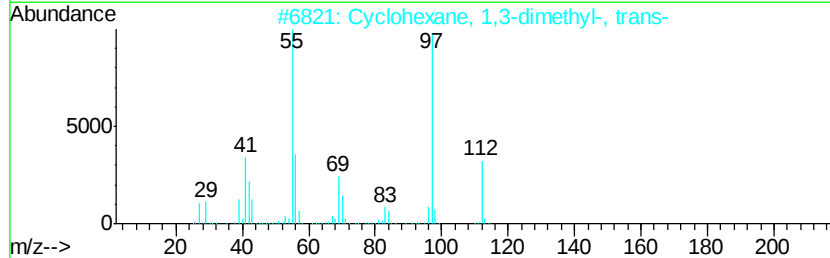
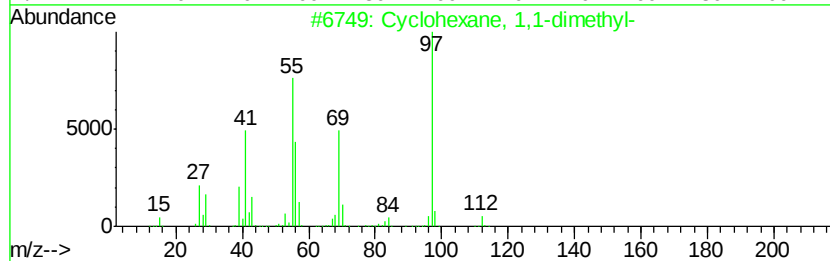
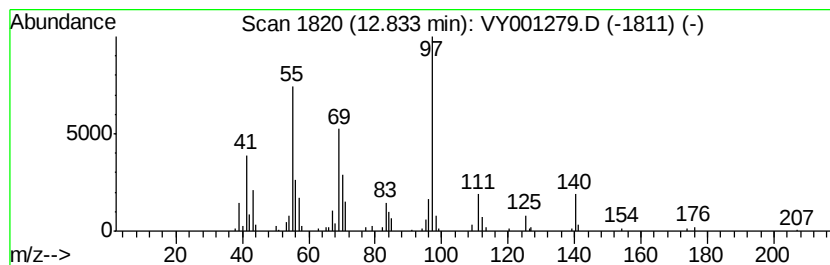
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Peak Number 3 Cyclohexane, 1,1-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	9.48 ug/l	93741	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	60
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52
4		2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	1000283-20-9	49
5		Cyclohexane, 1-methyl-4-(1-methyl...	140	C10H20	001678-82-6	49



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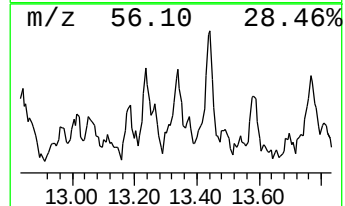
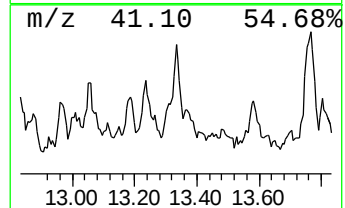
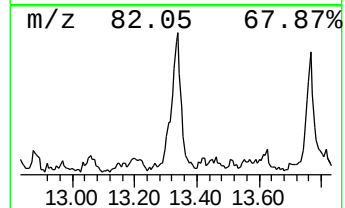
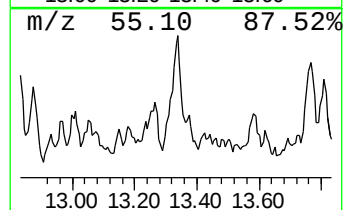
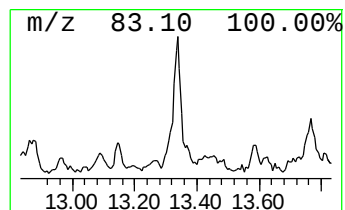
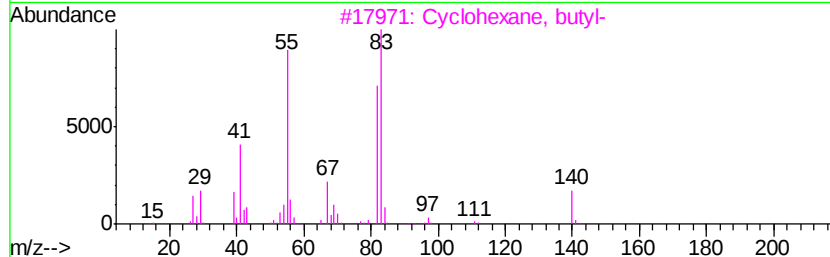
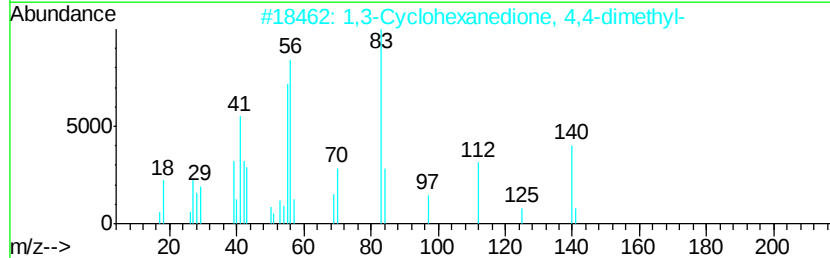
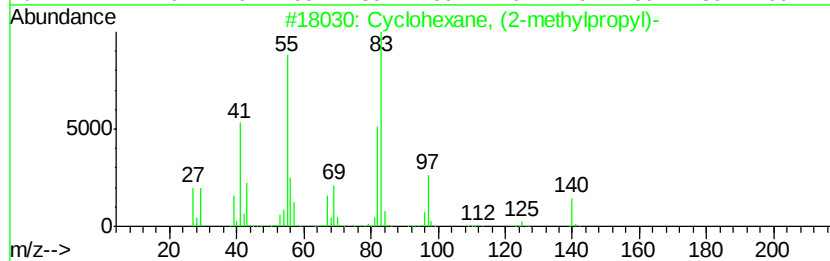
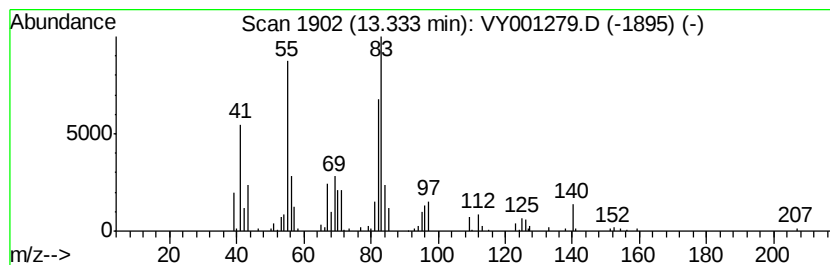
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, (2-methylpropyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	9.40 ug/l	92920	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2		1,3-Cyclohexanedione, 4,4-dimethyl-	140	C8H12O2	000562-46-9	49
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	49
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	47



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Instrument :
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ClientSampled :
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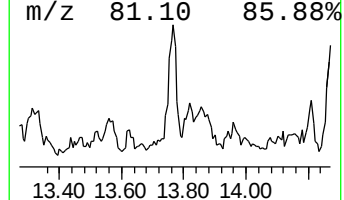
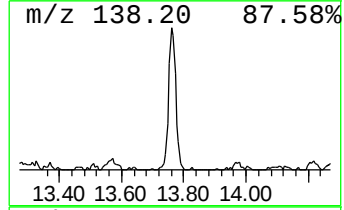
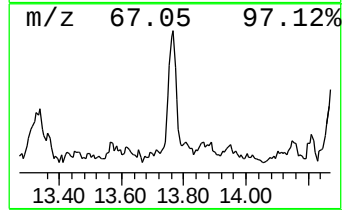
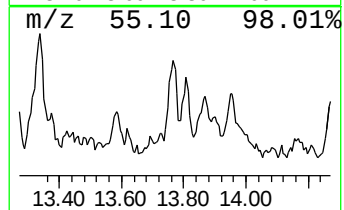
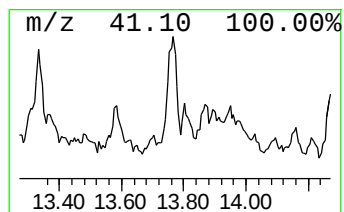
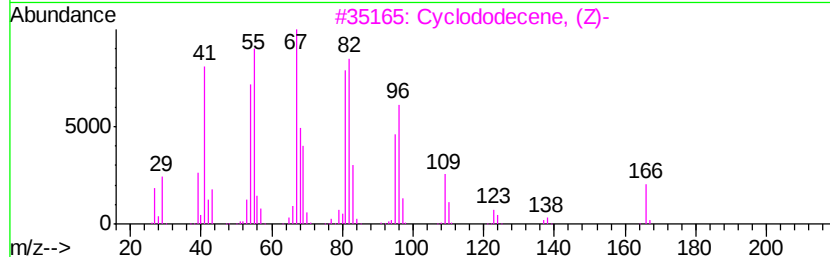
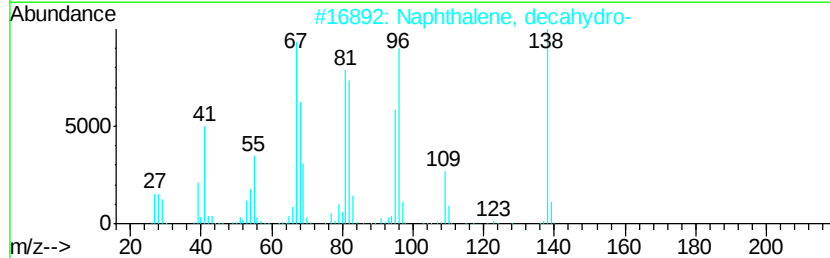
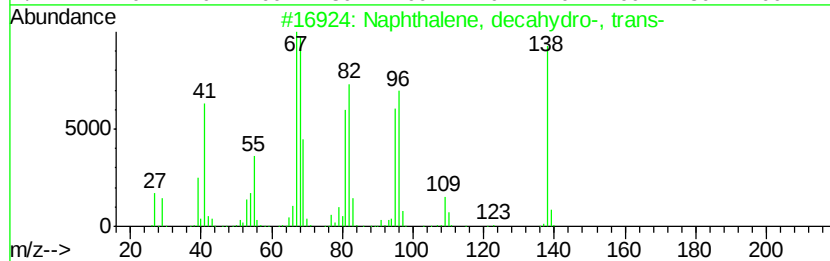
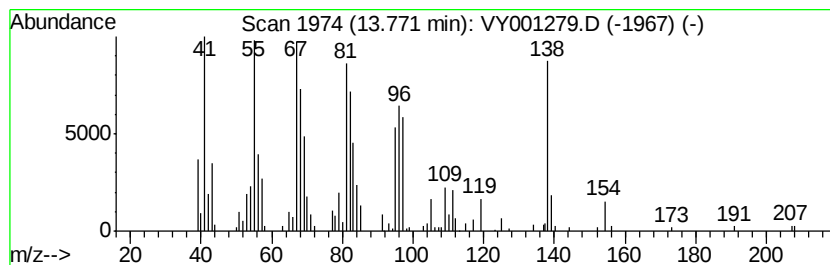
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	11.04 ug/l	109079	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	90
3		Cyclododecene, (Z)-	166	C12H22	001129-89-1	76
4		(Z)-Dec-4-en-1-yl propyl carbonate	242	C14H26O3	1000372-82-7	72
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	68



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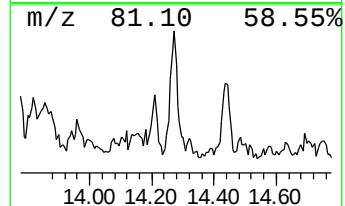
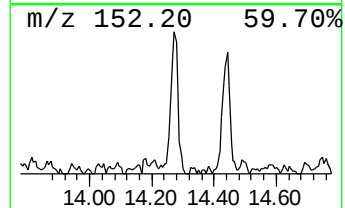
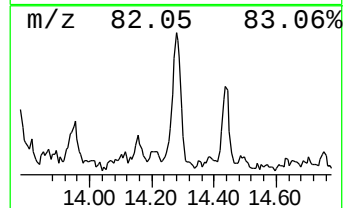
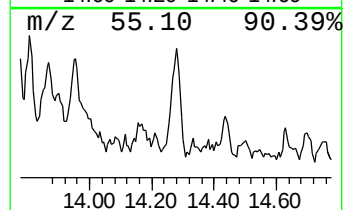
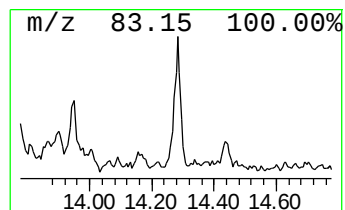
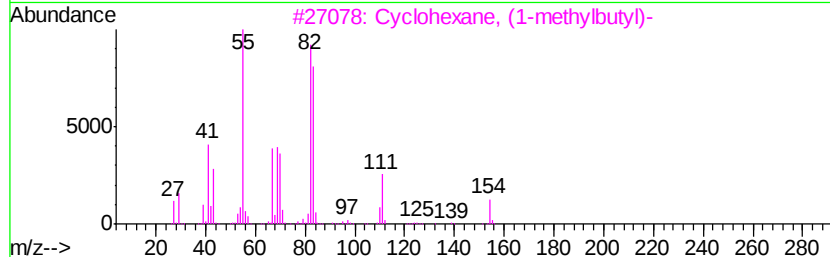
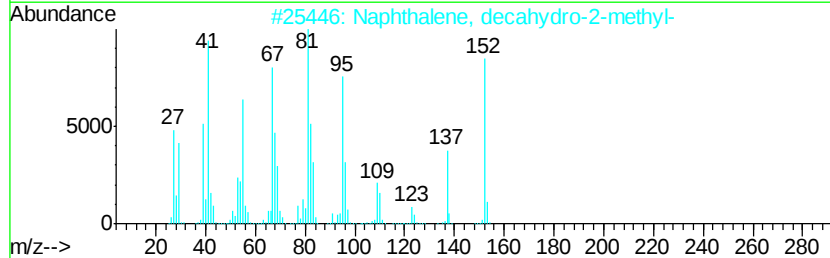
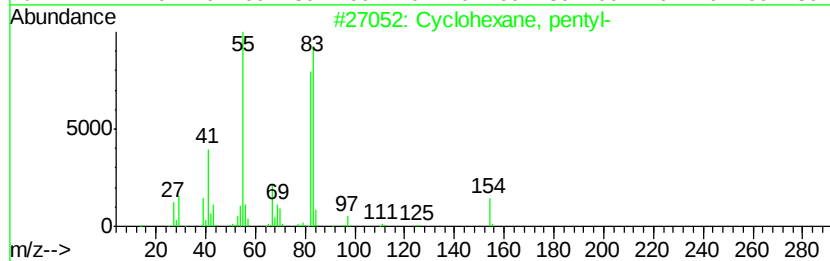
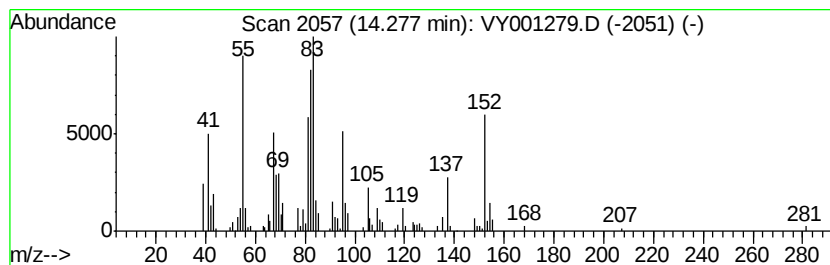
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MSVOA_Y
ClientSampleId :
B4-0-15

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexane, pentyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	9.49 ug/l	93769	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, pentyl-	154 C11H22	004292-92-6 55
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 50
3		Cyclohexane, (1-methylbutyl)-	154 C11H22	061208-94-4 49
4		Cyclopentene, 1-pentyl-	138 C10H18	004291-98-9 43
5		Cyclohexane, undecyl-	238 C17H34	054105-66-7 38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
Data File : VY001279.D
Acq On : 17 Jan 2020 20:31
Operator : SY/MD
Sample : L1154-01
Misc : 7.39G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B4-0-15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1,1,...	12.66	8.9	ug/l	87802	4	13.44	494168	50.0
Cyclohexane, 1,1-...	12.83	9.5	ug/l	93741	4	13.44	494168	50.0
Cyclohexane, (2-m...	13.33	9.4	ug/l	92920	4	13.44	494168	50.0
Naphthalene, deca...	13.77	11.0	ug/l	109079	4	13.44	494168	50.0
Cyclohexane, pentyl-	14.28	9.5	ug/l	93769	4	13.44	494168	50.0