

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006022.D
 Acq On : 15 Sep 2021 12:54
 Operator : SY/MD
 Sample : M3733-10
 Misc : 6.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-02-(8-10)-END-POINT

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\82Y091421S.M

Title : SW846 8260

Signal : TIC: VY006022.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.260	63	72	85	rBV	504165	843871	1.23%	0.412%
2	6.990	832	848	878	rBV	26098422	68432342	100.00%	33.420%
3	8.947	1156	1169	1189	rBV	8412301	15825404	23.13%	7.729%
4	10.179	1364	1371	1387	rBV	632397	1249963	1.83%	0.610%
5	10.721	1453	1460	1469	rVB	36234679	56493669	82.55%	27.589%
6	11.276	1544	1551	1562	rVB4	473127	1419131	2.07%	0.693%
7	11.380	1562	1568	1579	rBV	631192	1076844	1.57%	0.526%
8	11.490	1579	1586	1595	rBV	528966	988030	1.44%	0.483%
9	11.740	1620	1627	1631	rVV2	1049458	2168640	3.17%	1.059%
10	11.782	1631	1634	1639	rVB2	623707	939962	1.37%	0.459%
11	11.935	1654	1659	1663	rVB2	667395	1072488	1.57%	0.524%
12	12.008	1663	1671	1677	rBV3	1904388	4194335	6.13%	2.048%
13	12.124	1686	1690	1694	rVB	1971496	2723072	3.98%	1.330%
14	12.203	1694	1703	1706	rBV4	1562452	3539617	5.17%	1.729%
15	12.246	1706	1710	1715	rVB3	2199280	4253505	6.22%	2.077%
16	12.380	1725	1732	1735	rBV4	1405143	3124954	4.57%	1.526%
17	12.416	1735	1738	1745	rVB2	2293146	3525042	5.15%	1.722%
18	12.489	1745	1750	1754	rBV3	1324588	2330396	3.41%	1.138%
19	12.648	1772	1776	1783	rVB3	1836200	3354582	4.90%	1.638%
20	12.733	1783	1790	1794	rBV5	839240	2089696	3.05%	1.021%
21	12.806	1795	1802	1807	rVV3	2734225	6034596	8.82%	2.947%
22	12.861	1807	1811	1817	rVB2	1231289	1943730	2.84%	0.949%
23	12.953	1821	1826	1829	rVV4	901163	1375187	2.01%	0.672%
24	13.002	1829	1834	1837	rVV3	720592	1599113	2.34%	0.781%
25	13.038	1837	1840	1848	rVV	1828562	3057986	4.47%	1.493%
26	13.117	1848	1853	1858	rVV3	509611	1120318	1.64%	0.547%
27	13.166	1858	1861	1867	rVV3	496185	876027	1.28%	0.428%
28	13.251	1868	1875	1879	rVV4	452123	1090600	1.59%	0.533%
29	13.319	1879	1886	1890	rVV2	1320389	2609250	3.81%	1.274%
30	13.361	1890	1893	1897	rVV4	560342	861856	1.26%	0.421%
31	13.428	1900	1904	1913	rVB3	660228	1157191	1.69%	0.565%
32	13.751	1951	1957	1962	rBV	1402126	2195405	3.21%	1.072%
33	14.264	2027	2041	2047	rBV	322085	1198325	1.75%	0.585%

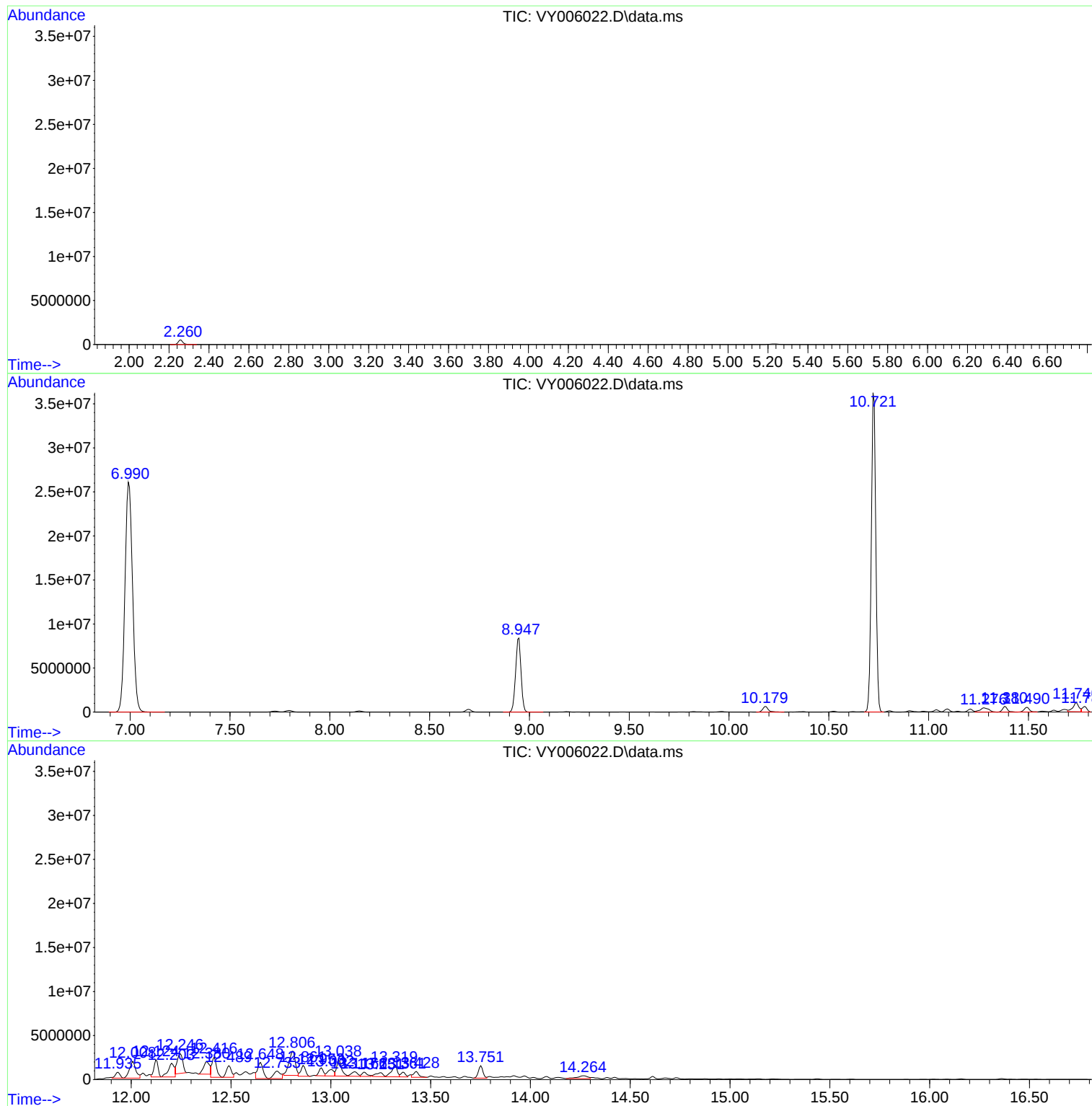
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Instrument :
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ClientSampleId :
NAPL-02-(8-10)-END-POINT

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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



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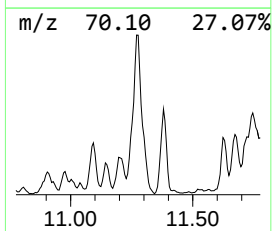
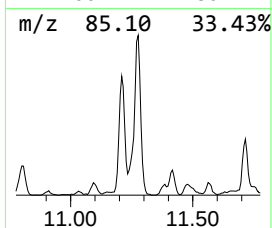
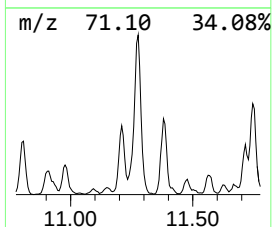
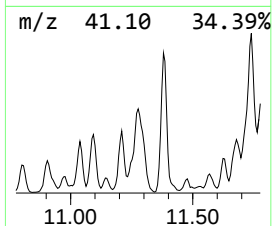
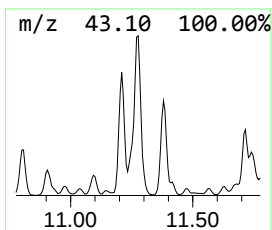
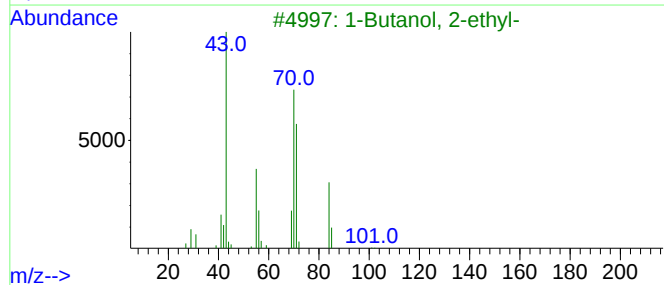
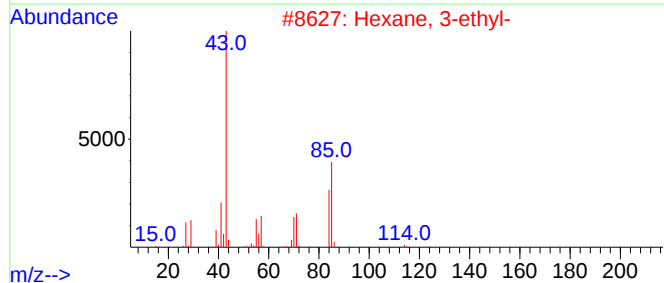
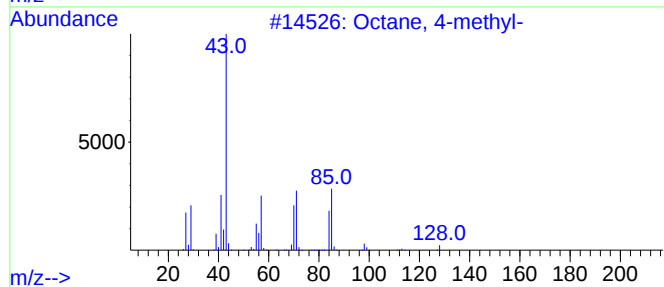
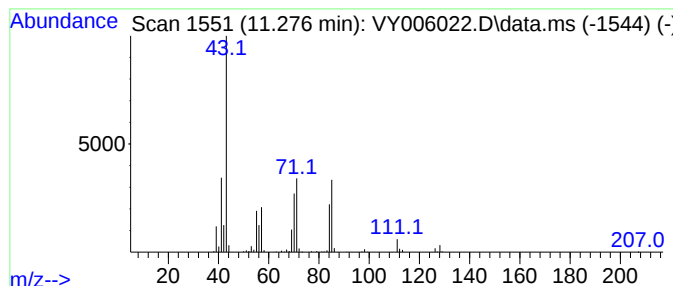
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.276	71.82 ug/l	1419130	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-methyl-	128	C9H20	002216-34-4	90
2			Hexane, 3-ethyl-	114	C8H18	000619-99-8	86
3			1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	64
4			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	62
5			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53



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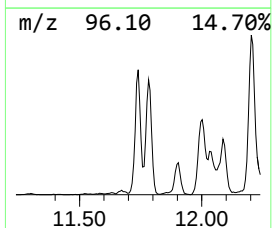
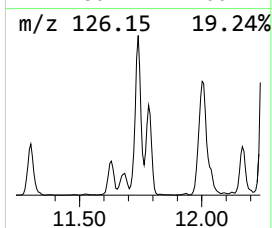
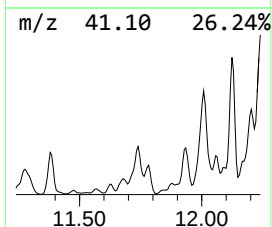
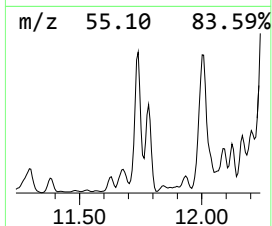
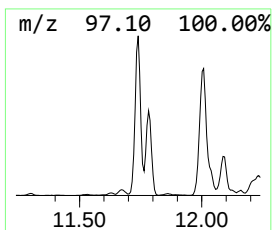
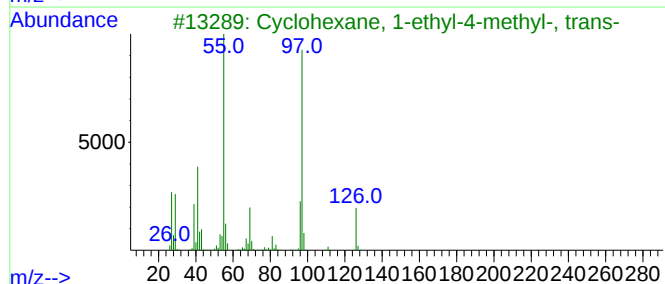
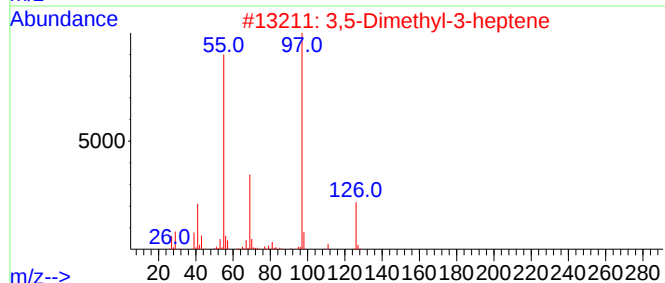
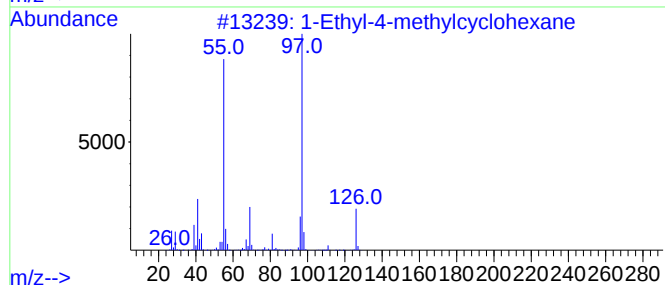
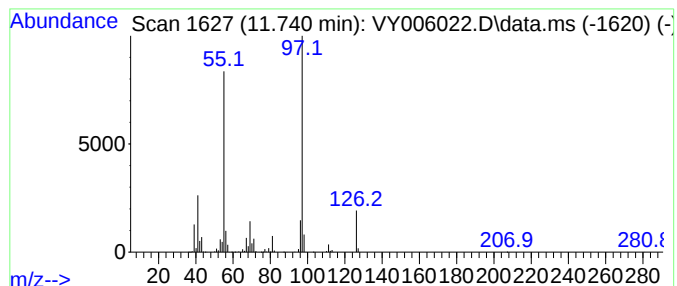
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 2 1-Ethyl-4-methylcyclohexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.740	109.75 ug/l	2168640	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	95
2			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	87
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	80
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	74
5			1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	72



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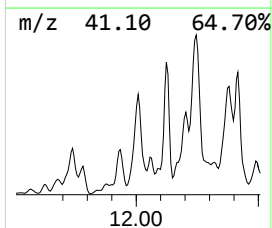
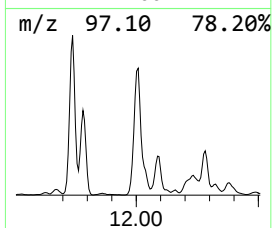
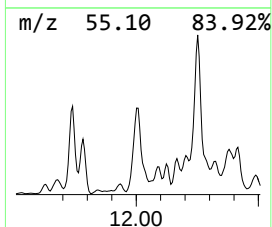
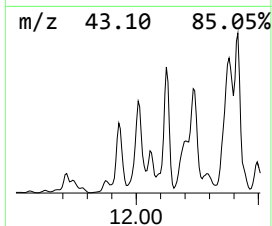
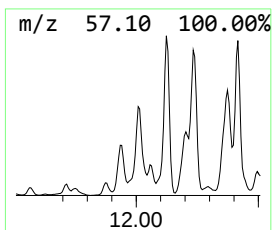
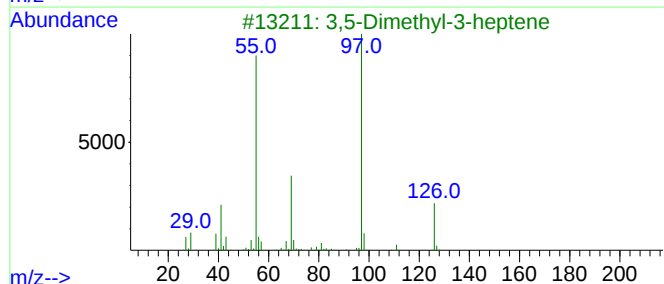
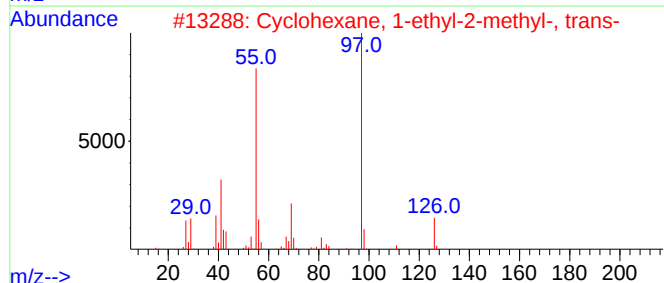
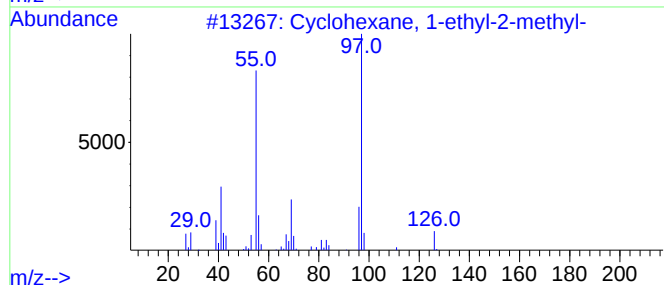
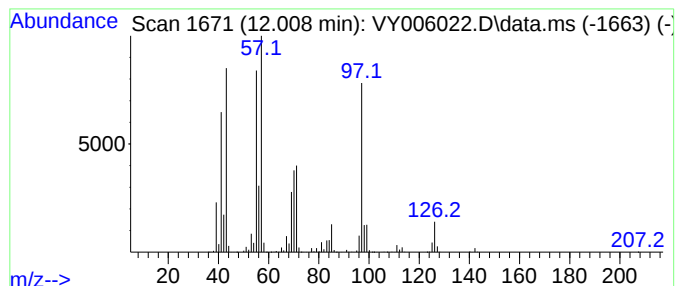
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown12.008 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.008	212.26 ug/l	4194340	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	49
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	46
3			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	43
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	43
5			Nonane, 4-methyl-	142	C10H22	017301-94-9	38



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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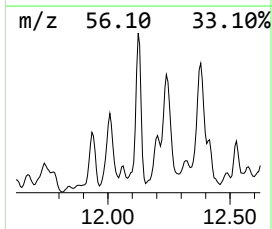
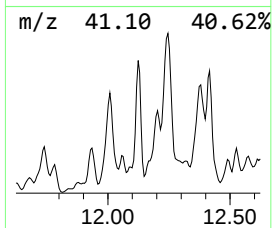
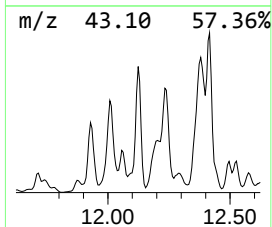
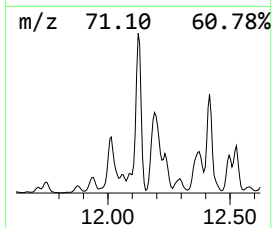
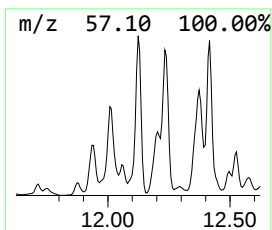
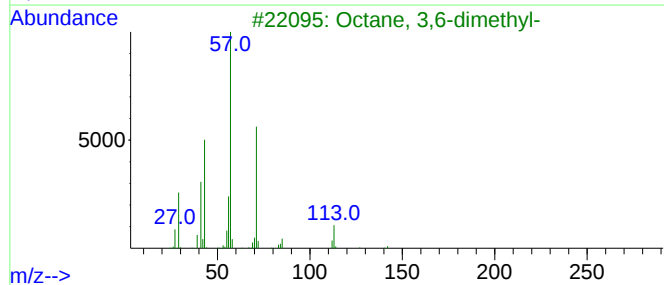
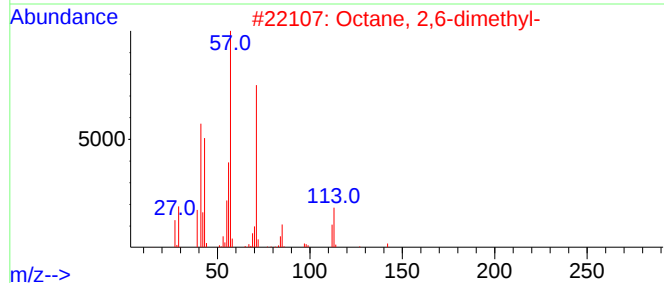
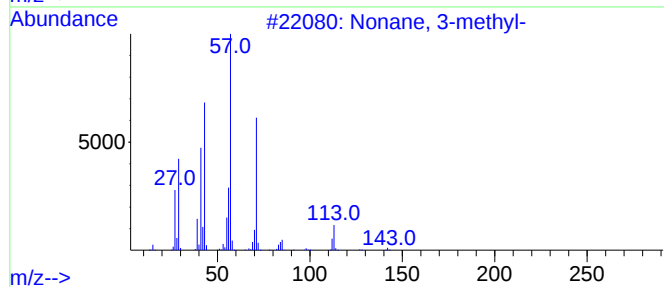
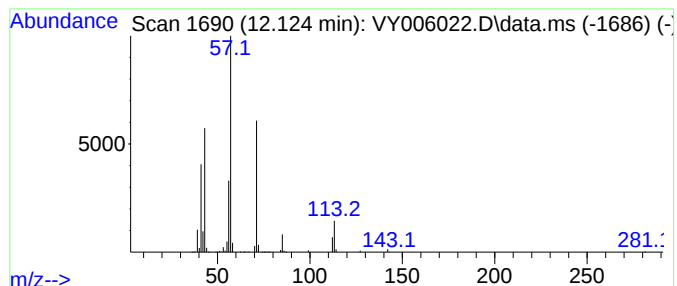
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	137.80 ug/l	2723070	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5			3-Bromooctane	192	C8H17Br	000999-64-4	59



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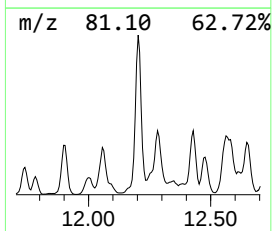
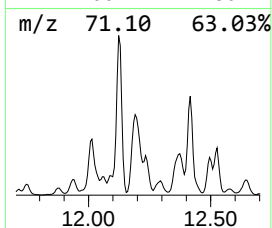
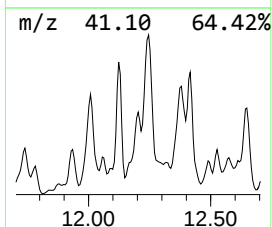
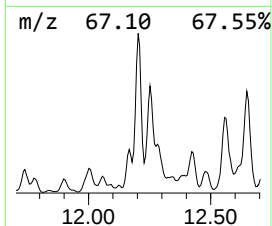
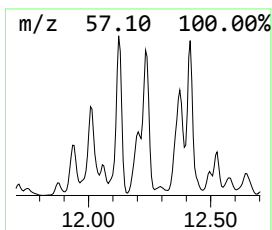
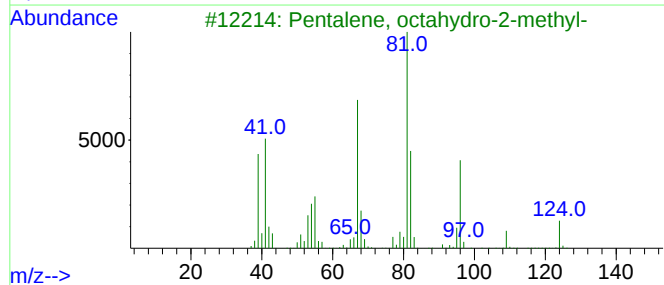
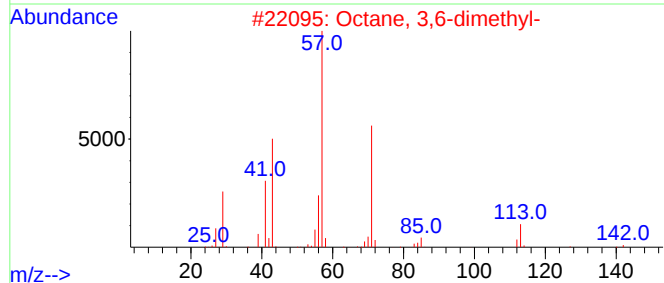
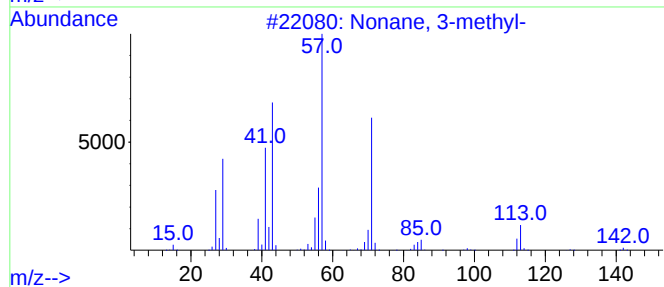
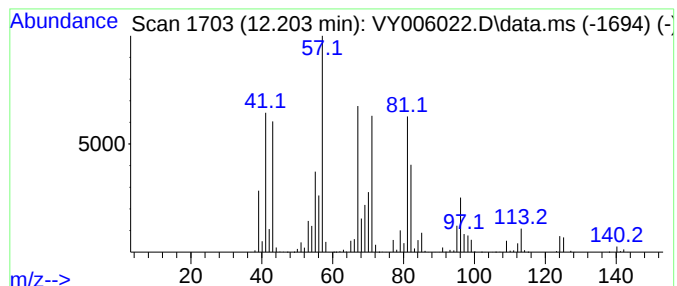
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown12.203 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.203	179.13 ug/l	3539620	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	42
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
3			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	38
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	35
5			2-Hexen-1-ol, acetate, (Z)-	142	C8H14O2	056922-75-9	35



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ClientSampleId :
NAPL-02-(8-10)-END-POINT

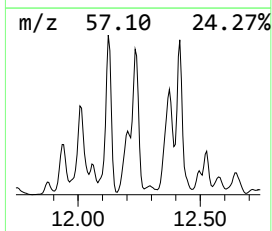
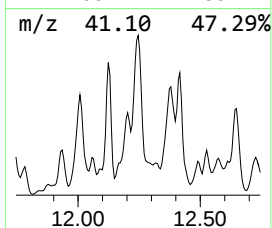
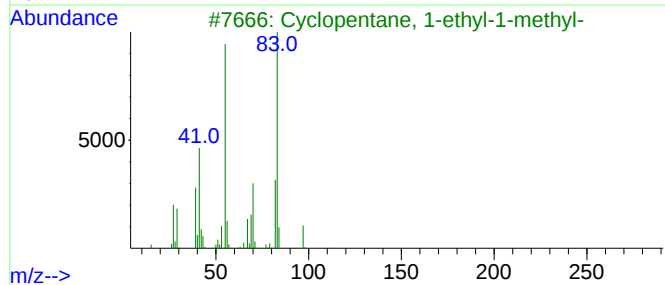
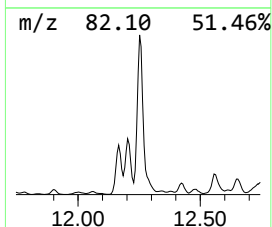
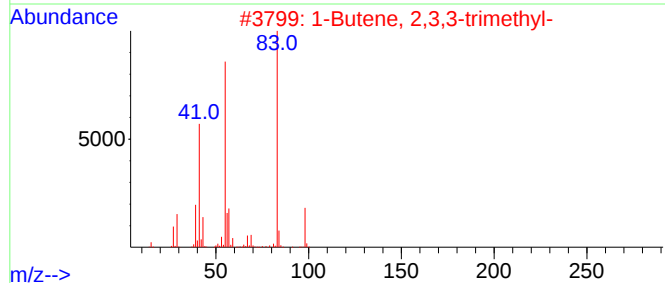
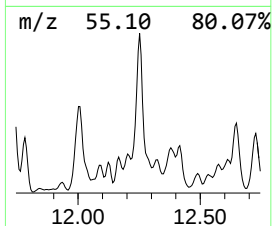
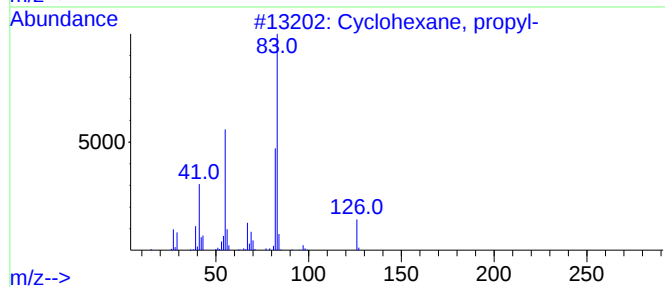
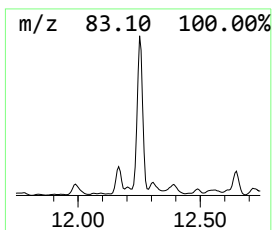
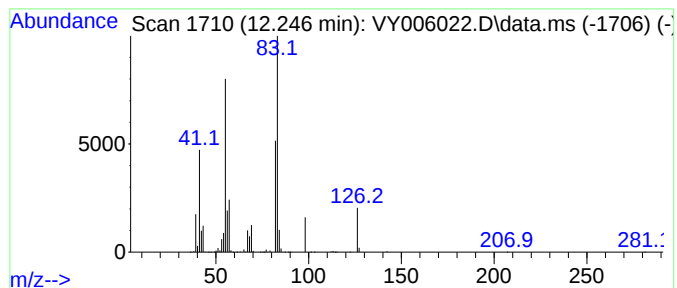
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.246	215.25 ug/l	4253510	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
2			1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	62
3			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	58
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
5			Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006022.D
Acq On : 15 Sep 2021 12:54
Operator : SY/MD
Sample : M3733-10
Misc : 6.96G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-02-(8-10)-END-POINT

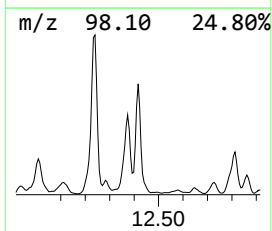
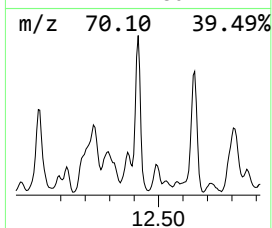
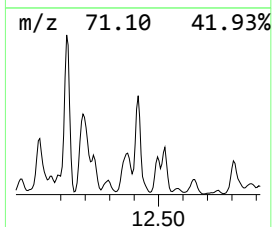
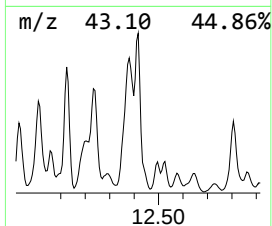
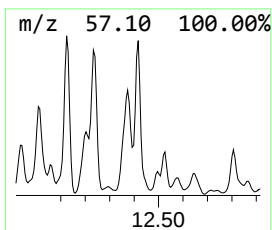
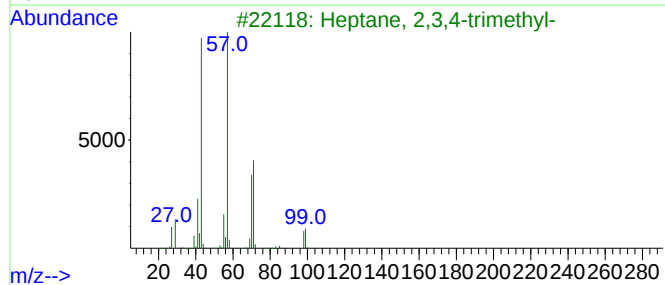
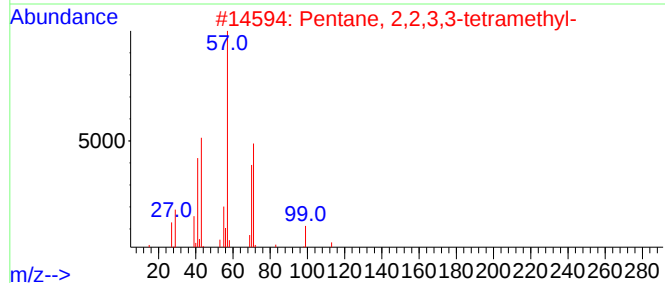
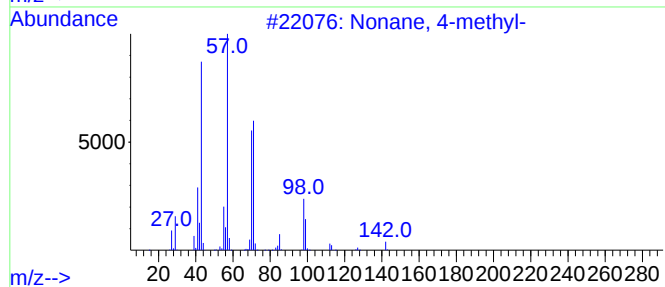
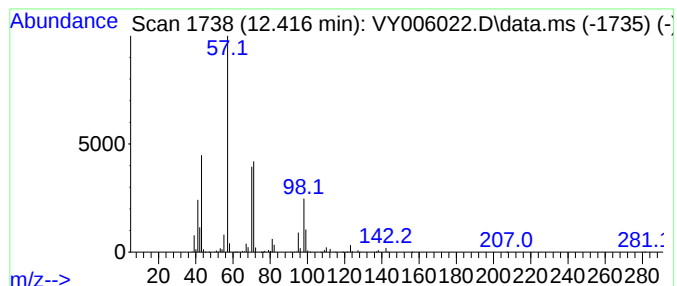
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Quant Title : SW846 8260

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

Peak Number 7 Nonane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	178.39 ug/l	3525040	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
3			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006022.D
Acq On : 15 Sep 2021 12:54
Operator : SY/MD
Sample : M3733-10
Misc : 6.96G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-02-(8-10)-END-POINT

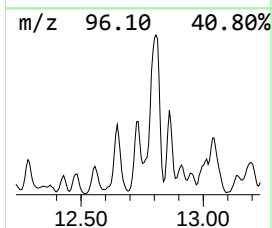
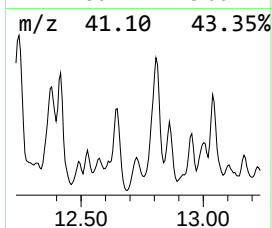
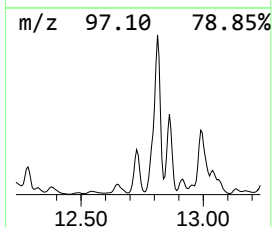
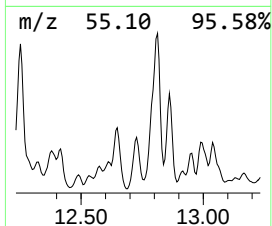
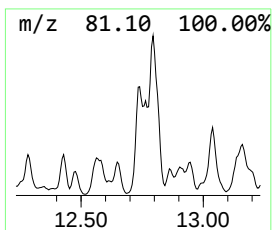
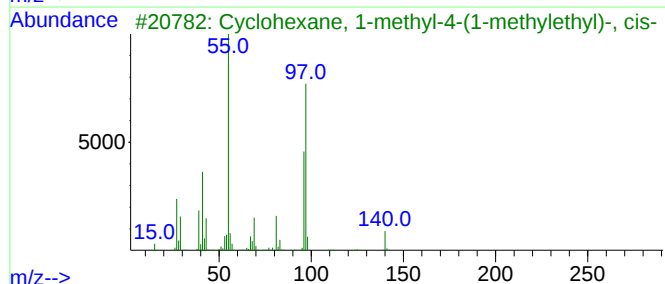
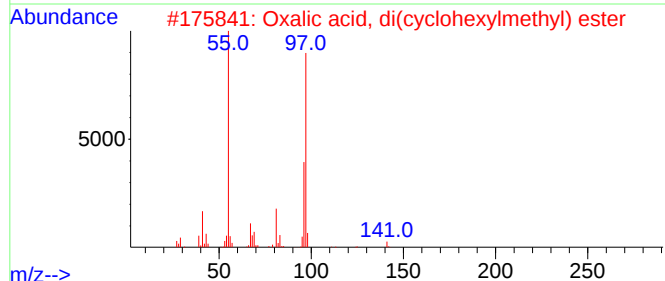
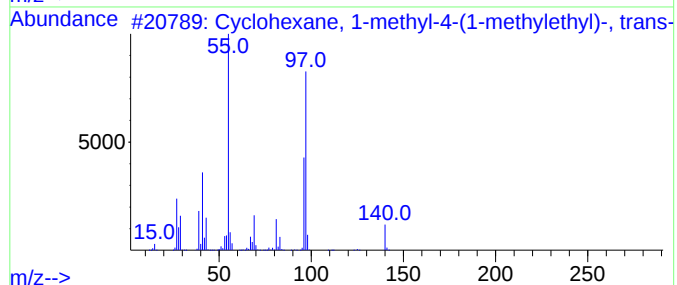
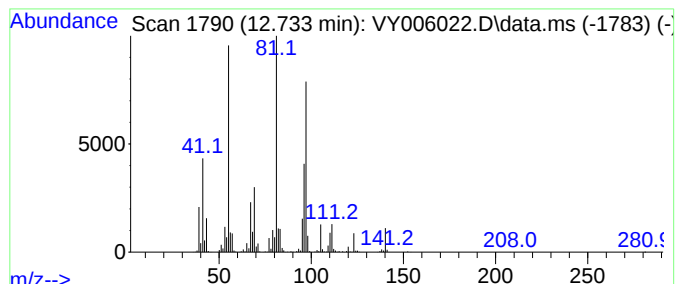
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Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	90.29 ug/l	2089700	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			Oxalic acid, di(cyclohexylmethyl)...	282	C16H26O4	1000309-68-5	49
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	49
5			Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006022.D
Acq On : 15 Sep 2021 12:54
Operator : SY/MD
Sample : M3733-10
Misc : 6.96G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-02-(8-10)-END-POINT

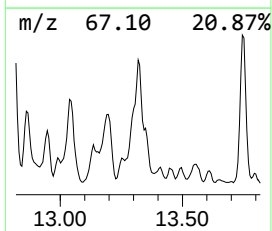
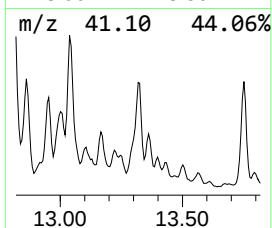
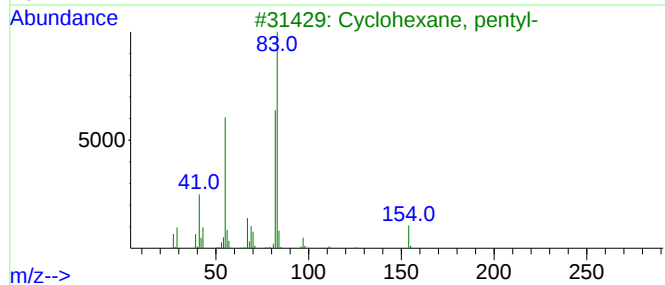
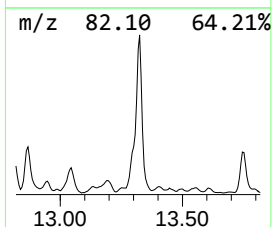
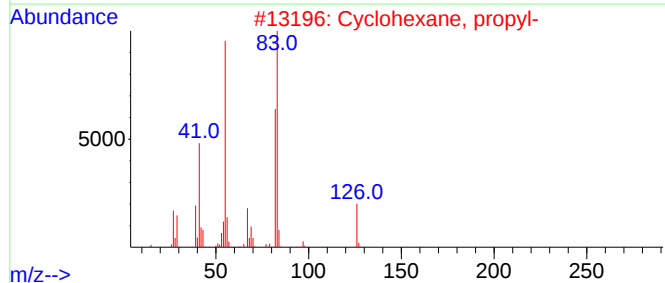
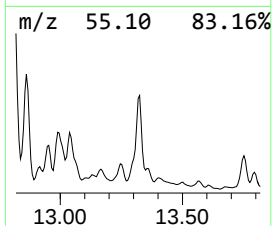
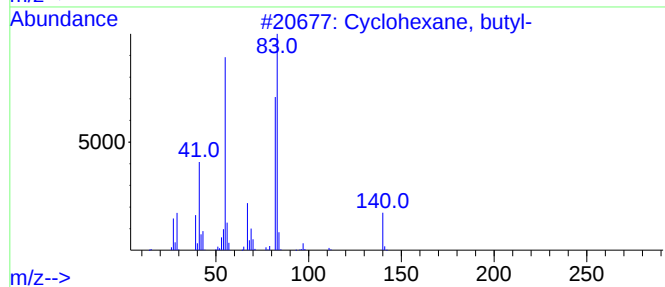
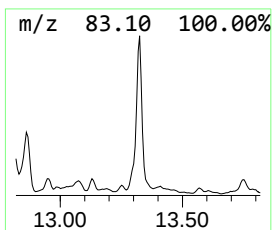
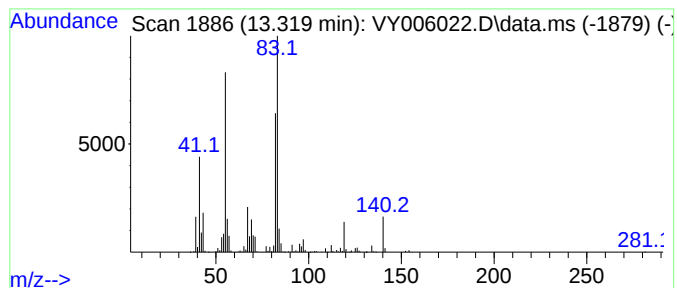
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Quant Title : SW846 8260

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

Peak Number 9 Cyclohexane, butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.319	112.74 ug/l	2609250	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	94
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006022.D
Acq On : 15 Sep 2021 12:54
Operator : SY/MD
Sample : M3733-10
Misc : 6.96G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-02-(8-10)-END-POINT

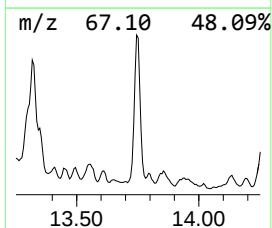
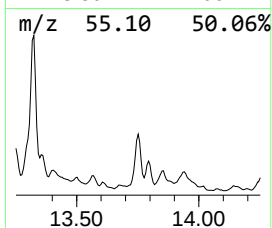
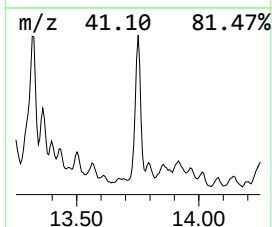
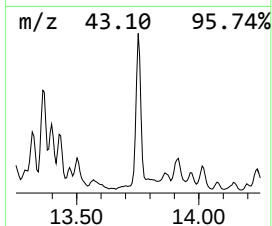
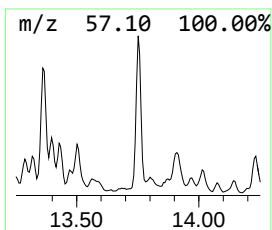
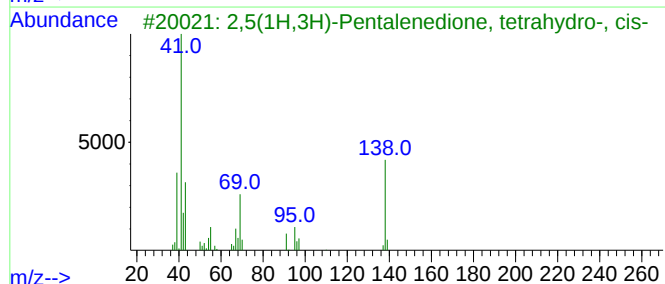
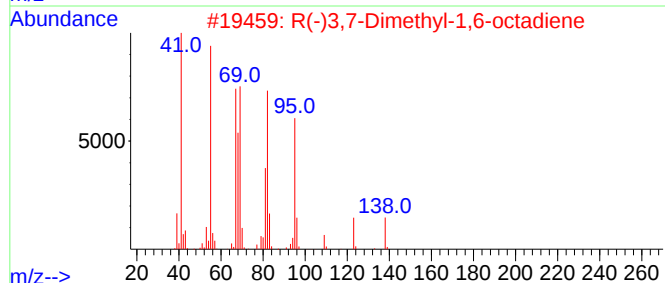
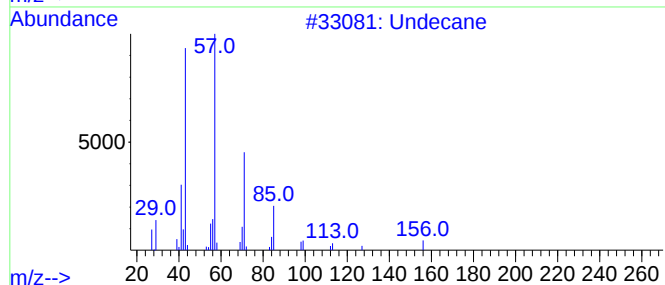
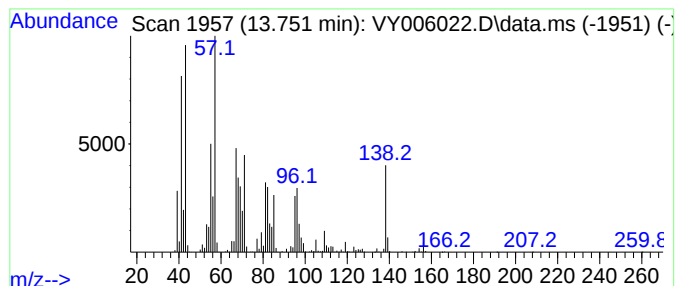
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Quant Title : SW846 8260

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

Peak Number 10 unknown13.751 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	94.86 ug/l	2195410	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	38
2			R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	38
3			2,5(1H,3H)-Pentalenedione, tetra...	138	C8H10O2	051716-63-3	27
4			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	25
5			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006022.D
Acq On : 15 Sep 2021 12:54
Operator : SY/MD
Sample : M3733-10
Misc : 6.96G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-02-(8-10)-END-POINT

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.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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1-Ethyl-4-methy...	11.740	109.8	ug/l	2168640	3	11.496	988030	50.0
unknown12.008	12.008	212.3	ug/l	4194340	3	11.496	988030	50.0
Nonane, 3-methyl-	12.124	137.8	ug/l	2723070	3	11.496	988030	50.0
unknown12.203	12.203	179.1	ug/l	3539620	3	11.496	988030	50.0
Cyclohexane, pr...	12.246	215.3	ug/l	4253510	3	11.496	988030	50.0
Nonane, 4-methyl-	12.416	178.4	ug/l	3525040	3	11.496	988030	50.0
Cyclohexane, 1-...	12.733	90.3	ug/l	2089700	4	13.428	1157190	50.0
Cyclohexane, bu...	13.319	112.7	ug/l	2609250	4	13.428	1157190	50.0
unknown13.751	13.751	94.9	ug/l	2195410	4	13.428	1157190	50.0