

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
 Data File : VY004406.D
 Acq On : 13 Apr 2021 13:35
 Operator : SY/MD
 Sample : M1982-02
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

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\82Y041221S.M
 Title : SW846 8260

Signal : TIC: VY004406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.259	47	72	73	rBV4	20151	114610	8.32%	1.101%
2	2.613	116	130	133	rBV8	23567	105211	7.64%	1.011%
3	4.729	467	477	489	rBV3	7231	23269	1.69%	0.223%
4	7.728	959	969	975	rBV	169349	405483	29.43%	3.895%
5	7.801	975	981	991	rVB	293760	668382	48.52%	6.420%
6	8.149	1027	1038	1052	rVB	187183	440998	32.01%	4.236%
7	8.551	1098	1104	1110	rVB6	8922	19418	1.41%	0.187%
8	8.697	1120	1128	1138	rVB	485454	933263	67.74%	8.964%
9	9.185	1197	1208	1215	rBV4	15052	36979	2.68%	0.355%
10	9.825	1308	1313	1317	rBV3	12070	22141	1.61%	0.213%
11	9.965	1331	1336	1344	rVB5	9035	20052	1.46%	0.193%
12	10.185	1364	1372	1386	rBV	791058	1377654	100.00%	13.232%
13	10.374	1395	1403	1409	rBV7	11686	26183	1.90%	0.251%
14	10.581	1433	1437	1441	rBV2	15372	28306	2.05%	0.272%
15	10.807	1470	1474	1478	rVB2	10448	16714	1.21%	0.161%
16	11.038	1508	1512	1516	rVB3	16853	24686	1.79%	0.237%
17	11.093	1516	1521	1526	rVB2	19313	32492	2.36%	0.312%
18	11.288	1547	1553	1556	rBV3	17916	41316	3.00%	0.397%
19	11.386	1564	1569	1573	rBV2	22487	36377	2.64%	0.349%
20	11.496	1580	1587	1593	rBV	708306	1139670	82.73%	10.946%
21	11.672	1613	1616	1623	rBV9	7258	15786	1.15%	0.152%
22	11.739	1623	1627	1631	rBV	16906	26810	1.95%	0.258%
23	12.124	1687	1690	1694	rBV	17797	23203	1.68%	0.223%
24	12.209	1700	1704	1706	rBV5	14592	21649	1.57%	0.208%
25	12.416	1729	1738	1743	rBV5	31684	95081	6.90%	0.913%
26	12.483	1743	1749	1769	rVB	601132	1100189	79.86%	10.567%
27	12.648	1773	1776	1779	rBV4	15189	19799	1.44%	0.190%
28	12.806	1796	1802	1807	rBV4	28767	69412	5.04%	0.667%
29	12.995	1821	1833	1838	rBV4	49249	189698	13.77%	1.822%
30	13.038	1838	1840	1845	rVB	37978	52442	3.81%	0.504%
31	13.325	1883	1887	1890	rVV2	24389	32128	2.33%	0.309%
32	13.367	1891	1894	1897	rVB3	15546	18375	1.33%	0.176%
33	13.428	1897	1904	1913	rVB	695754	1096092	79.56%	10.528%
34	13.751	1953	1957	1961	rBV2	109630	160547	11.65%	1.542%
35	13.794	1962	1964	1969	rVB2	23706	28989	2.10%	0.278%
36	13.916	1981	1984	1988	rBV5	12394	22591	1.64%	0.217%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
 Data File : VY004406.D
 Acq On : 13 Apr 2021 13:35
 Operator : SY/MD
 Sample : M1982-02
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

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\82Y041221S.M
 Title : SW846 8260

37	13.971	1989	1993	1998	rVB2	60010	85933	6.24%	0.825%
38	14.020	1998	2001	2005	rVB3	16213	22940	1.67%	0.220%
39	14.081	2007	2011	2016	rVB3	49397	81394	5.91%	0.782%
40	14.154	2019	2023	2027	rVB7	17582	30008	2.18%	0.288%
41	14.270	2028	2042	2053	rBV9	70238	294133	21.35%	2.825%
42	14.385	2057	2061	2064	rBV3	19621	28955	2.10%	0.278%
43	14.422	2064	2067	2071	rBV5	28277	44032	3.20%	0.423%
44	14.678	2104	2109	2114	rBV3	106232	203829	14.80%	1.958%
45	14.733	2114	2118	2125	rVB2	116379	187305	13.60%	1.799%
46	14.946	2150	2153	2156	rVB2	41188	51868	3.76%	0.498%
47	15.050	2166	2170	2175	rBV4	34619	65164	4.73%	0.626%
48	15.147	2183	2186	2190	rVB2	44438	62155	4.51%	0.597%
49	15.214	2192	2197	2205	rBV3	82439	178419	12.95%	1.714%
50	15.605	2258	2261	2267	rVB6	35670	61116	4.44%	0.587%
51	16.159	2348	2352	2358	rVB	43829	72564	5.27%	0.697%
52	16.294	2368	2374	2388	rVB	136204	291558	21.16%	2.800%
53	16.489	2401	2406	2413	rVB	81711	163967	11.90%	1.575%

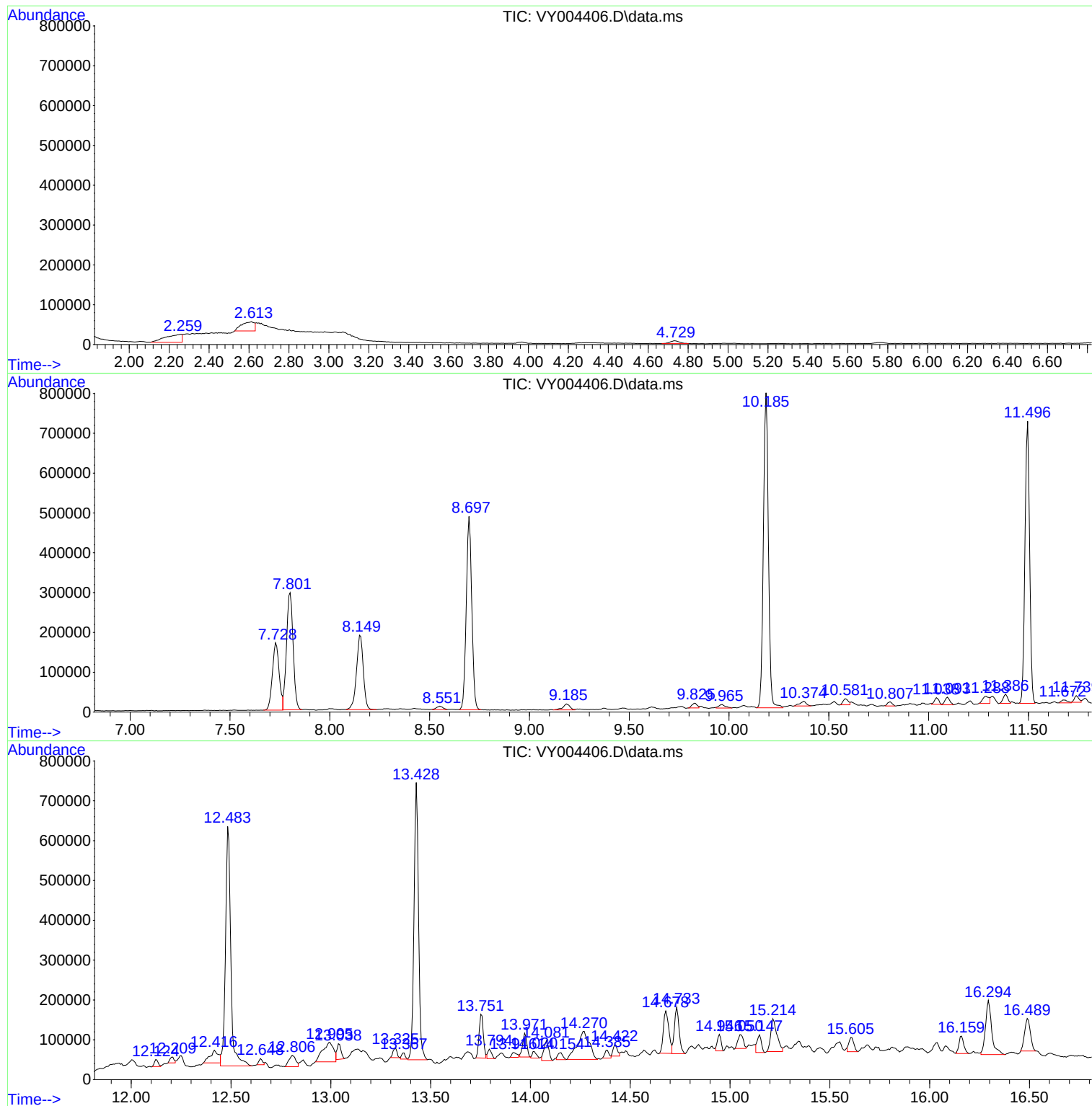
Sum of corrected areas: 10411335

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
Data File : VY004406.D
Acq On : 13 Apr 2021 13:35
Operator : SY/MD
Sample : M1982-02
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
Data File : VY004406.D
Acq On : 13 Apr 2021 13:35
Operator : SY/MD
Sample : M1982-02
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

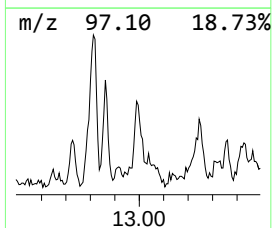
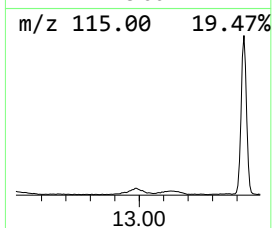
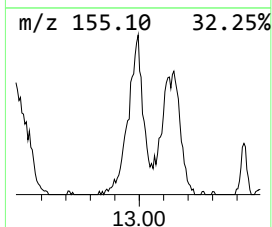
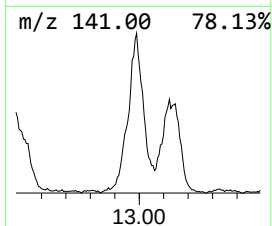
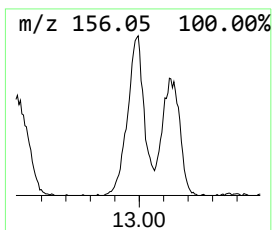
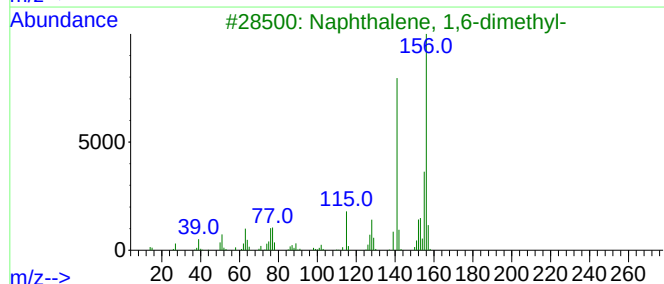
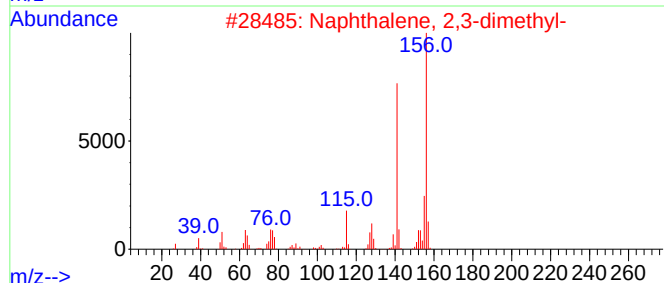
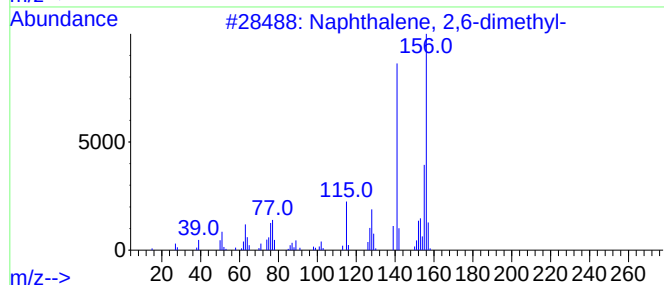
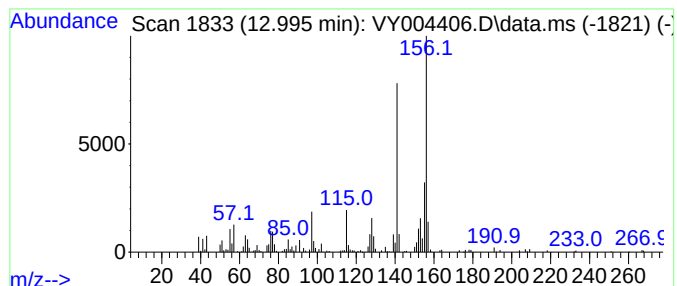
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.995	8.65 ug/l	189698	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
Data File : VY004406.D
Acq On : 13 Apr 2021 13:35
Operator : SY/MD
Sample : M1982-02
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

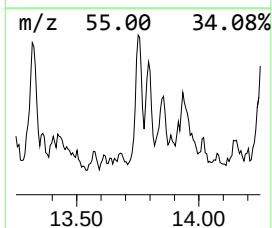
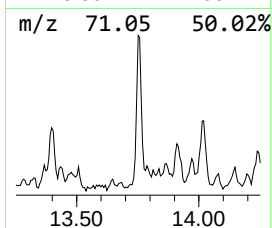
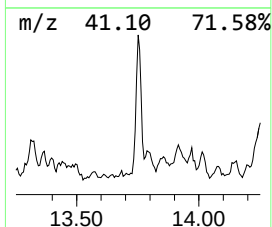
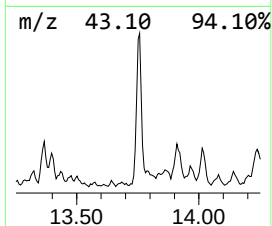
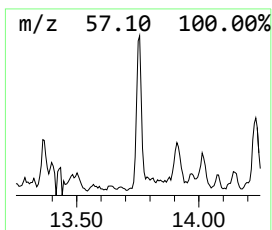
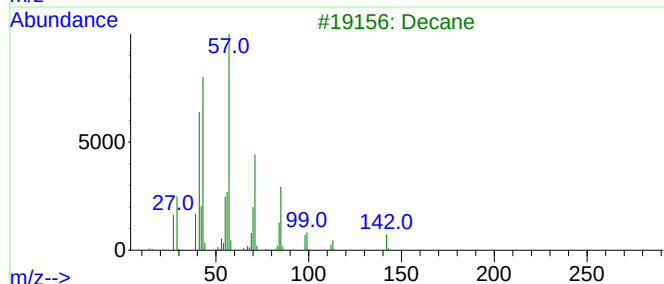
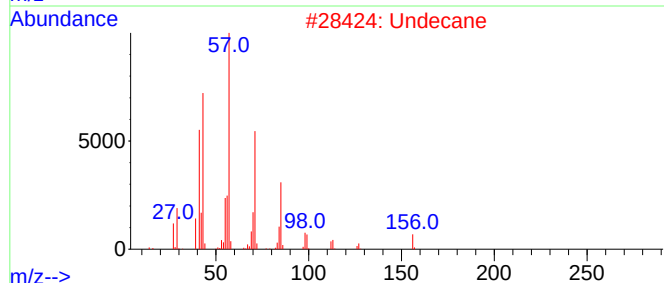
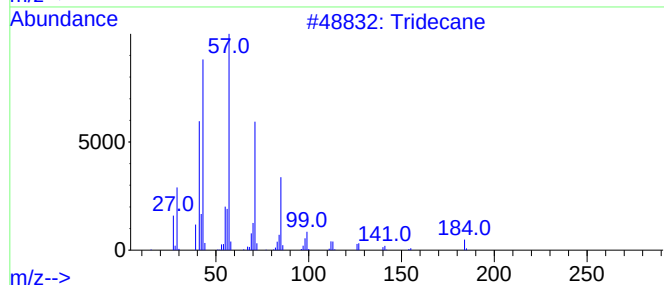
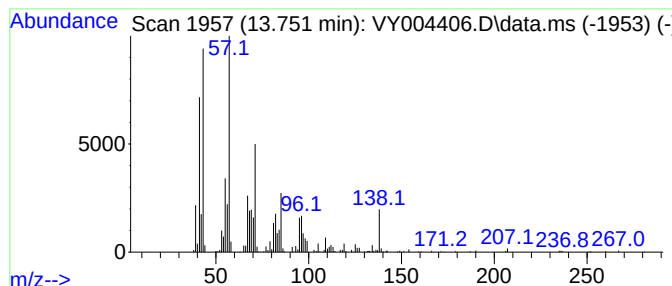
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown13.751 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	7.32 ug/l	160547	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	46
2			Undecane	156	C11H24	001120-21-4	43
3			Decane	142	C10H22	000124-18-5	43
4			Dodecane	170	C12H26	000112-40-3	43
5			R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
Data File : VY004406.D
Acq On : 13 Apr 2021 13:35
Operator : SY/MD
Sample : M1982-02
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

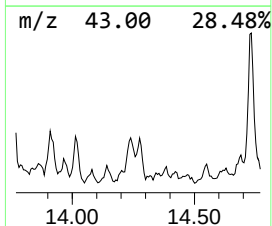
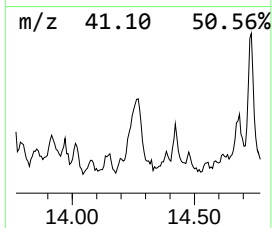
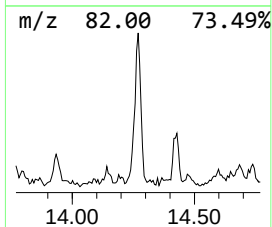
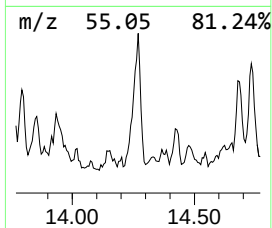
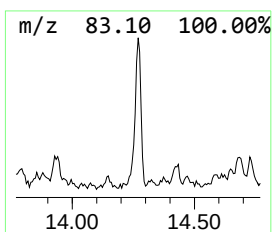
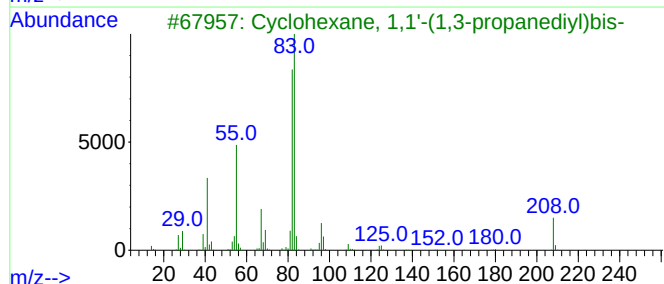
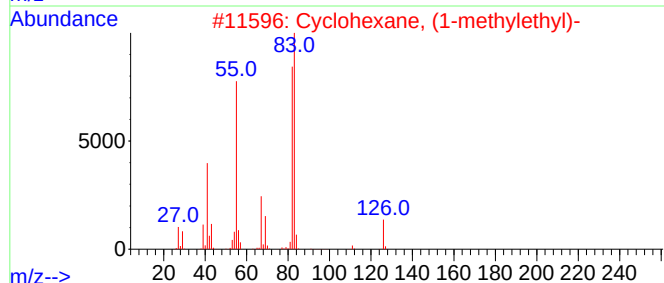
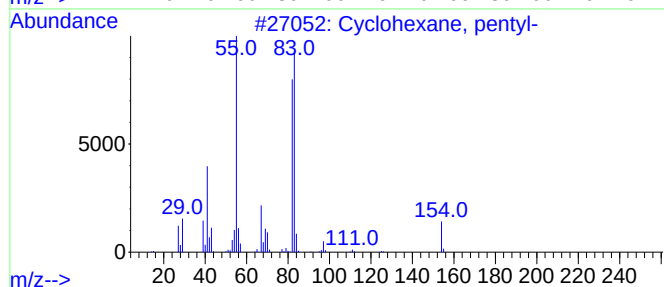
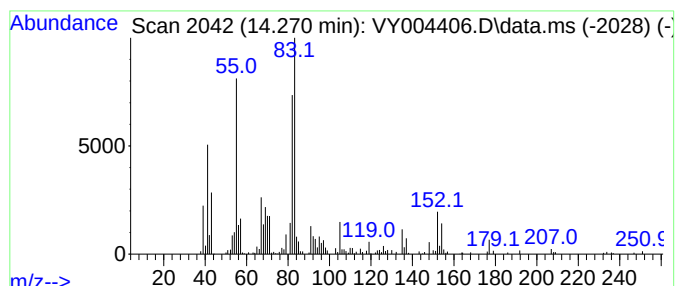
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, pentyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.270	13.42 ug/l	294133	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
3			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	74
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
5			n-Nonylcyclohexane	210	C15H30	002883-02-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
Data File : VY004406.D
Acq On : 13 Apr 2021 13:35
Operator : SY/MD
Sample : M1982-02
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

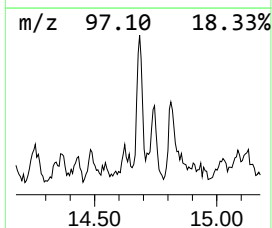
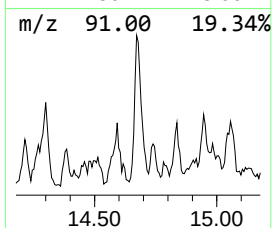
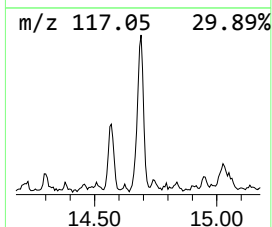
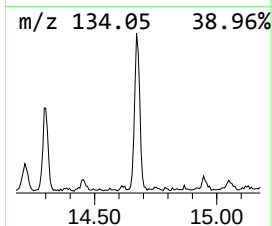
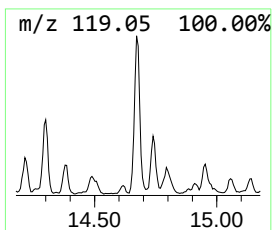
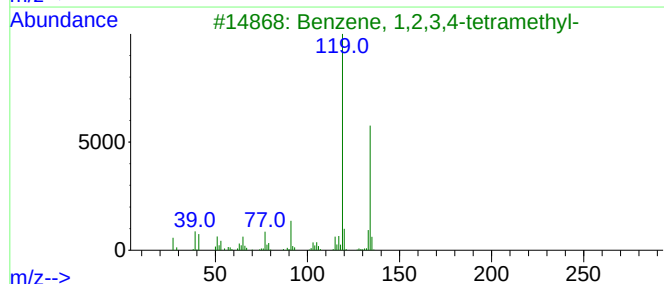
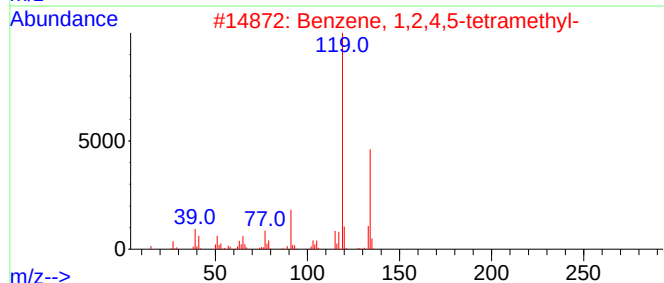
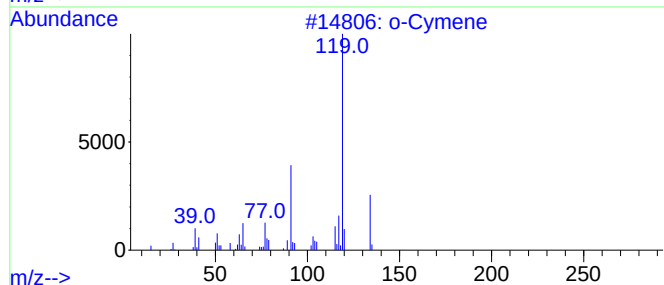
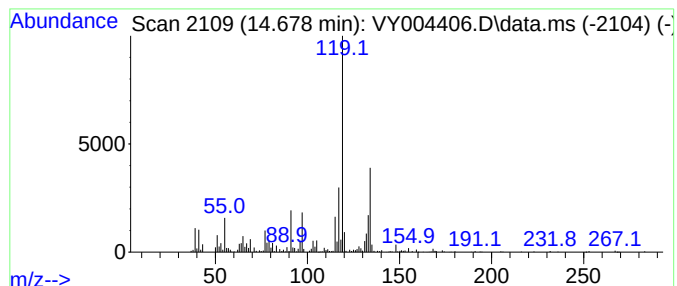
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 6 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	9.30 ug/l	203829	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	76
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	68
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	68
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
Data File : VY004406.D
Acq On : 13 Apr 2021 13:35
Operator : SY/MD
Sample : M1982-02
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

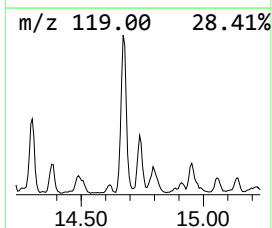
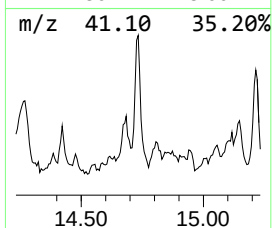
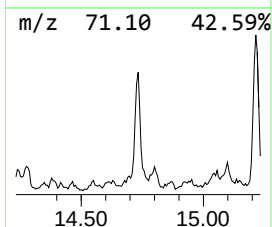
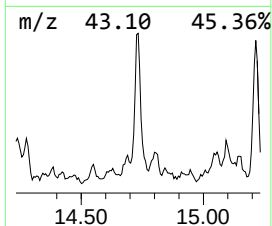
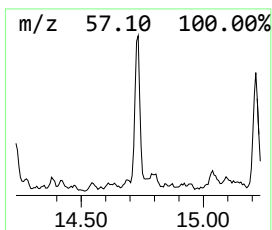
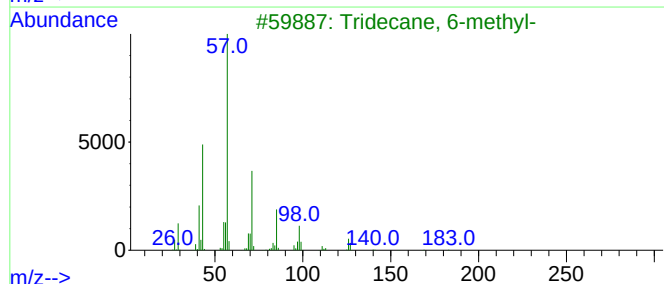
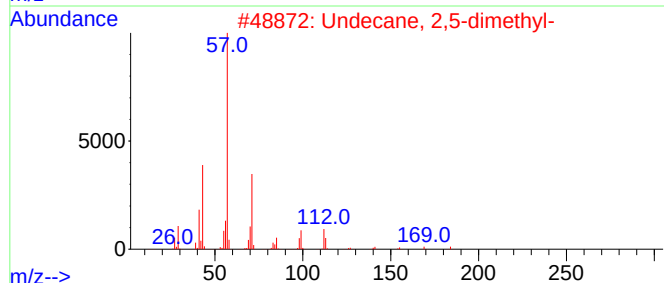
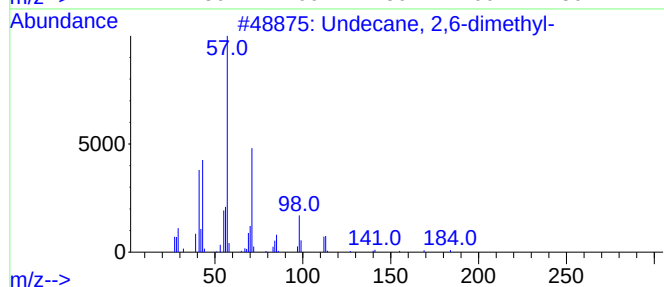
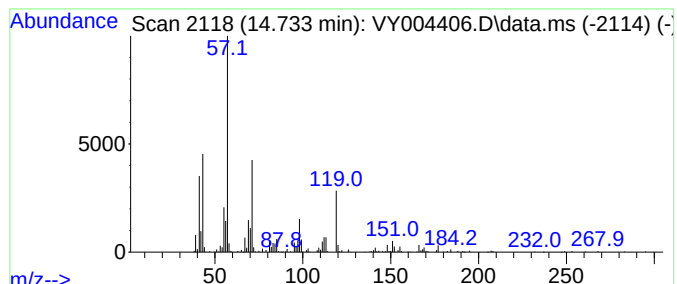
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	8.54 ug/l	187305	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	60
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	52
4			Tridecane	184	C13H28	000629-50-5	49
5			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
Data File : VY004406.D
Acq On : 13 Apr 2021 13:35
Operator : SY/MD
Sample : M1982-02
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

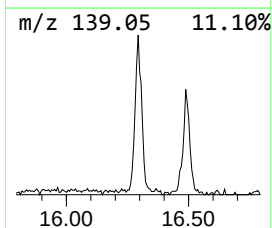
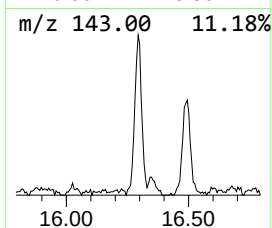
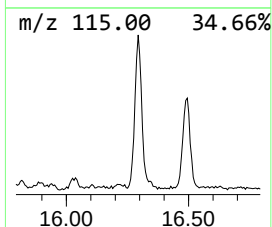
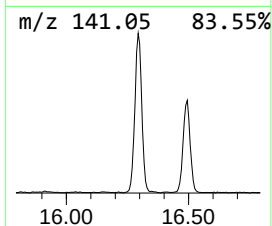
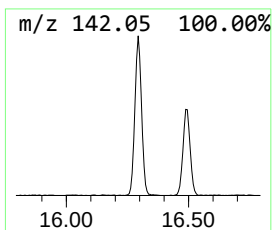
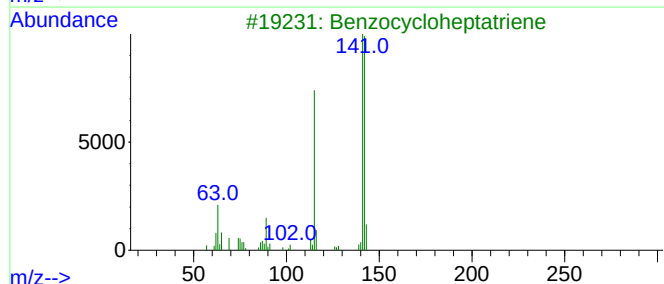
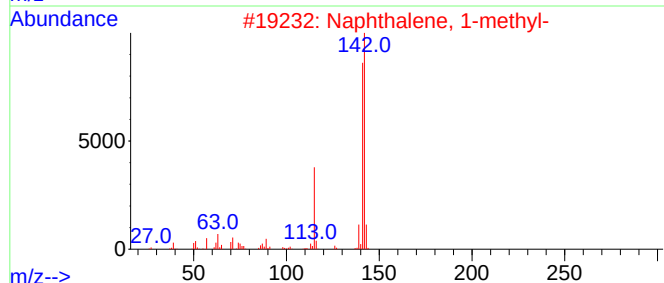
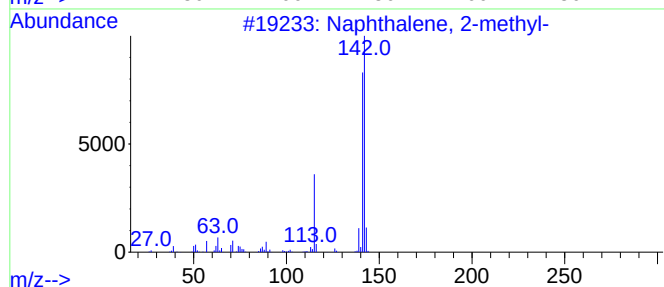
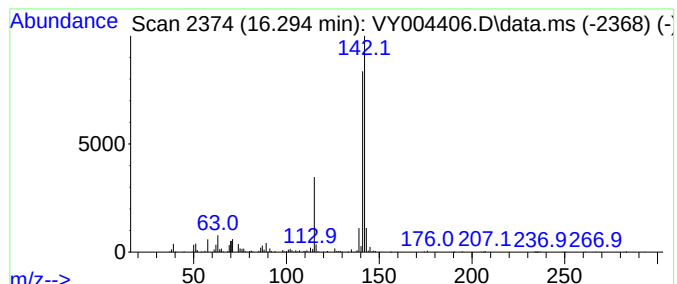
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	13.30 ug/l	291558	1,4-Dichlorobenzene-d4	13.428

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			Benzocycloheptatriene	142	C11H10	000264-09-5	90
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
Data File : VY004406.D
Acq On : 13 Apr 2021 13:35
Operator : SY/MD
Sample : M1982-02
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

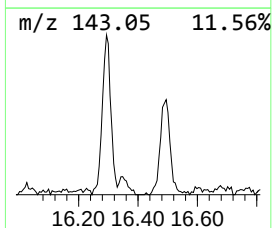
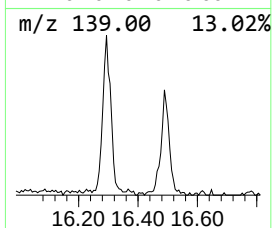
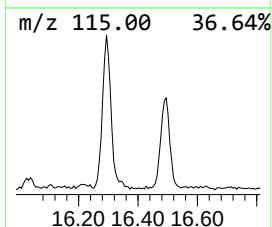
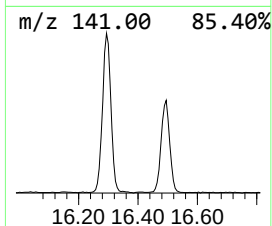
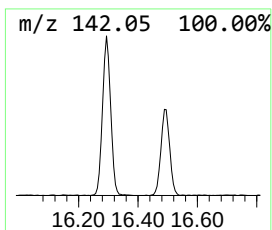
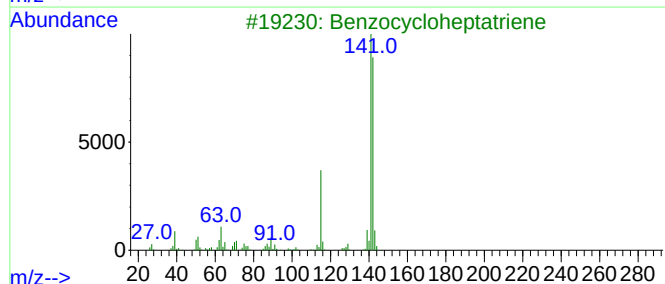
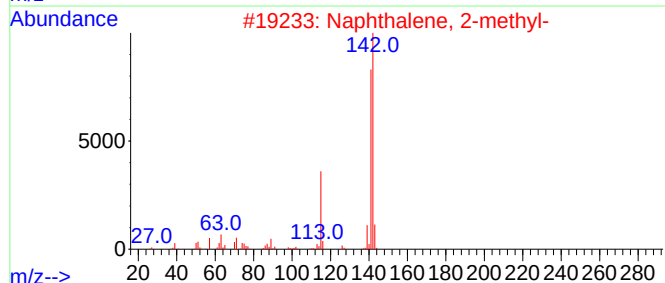
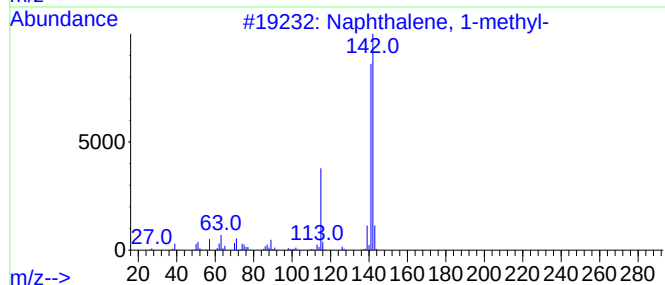
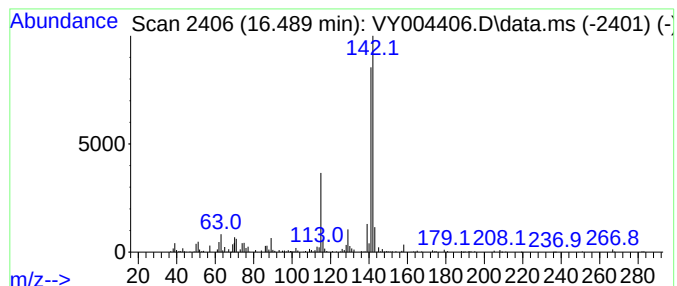
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzocycloheptatriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	7.48 ug/l	163967	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	94
4			3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
Data File : VY004406.D
Acq On : 13 Apr 2021 13:35
Operator : SY/MD
Sample : M1982-02
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.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
unknown2.613	2.613	7.9	ug/l	105211	1	7.801	668382	50.0
Naphthalene, 2,...	12.995	8.7	ug/l	189698	4	13.428	1096090	50.0
unknown13.751	13.751	7.3	ug/l	160547	4	13.428	1096090	50.0
Cyclohexane, pe...	14.270	13.4	ug/l	294133	4	13.428	1096090	50.0
o-Cymene	14.678	9.3	ug/l	203829	4	13.428	1096090	50.0
Undecane, 2,6-d...	14.733	8.5	ug/l	187305	4	13.428	1096090	50.0
Naphthalene, 1-...	16.294	13.3	ug/l	291558	4	13.428	1096090	50.0
Benzocyclohepta...	16.489	7.5	ug/l	163967	4	13.428	1096090	50.0