

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015810.D
 Acq On : 03 Oct 2023 16:55
 Operator : SY/MD
 Sample : 04703-05
 Misc : 3.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E9066-OB-003

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\82Y091923S.M
 Title : SW846 8260

Signal : TIC: VY015810.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.960	342	351	363	rBV	4765	14373	1.76%	0.224%
2	4.704	461	473	498	rVB	50830	167326	20.51%	2.611%
3	5.735	632	642	654	rVB4	12350	39294	4.82%	0.613%
4	7.710	957	966	971	rBV2	52317	122969	15.07%	1.919%
5	7.783	971	978	988	rVB	187069	424588	52.03%	6.626%
6	7.990	1004	1012	1019	rBV5	5641	14244	1.75%	0.222%
7	8.137	1027	1036	1047	rBV	123854	274900	33.69%	4.290%
8	8.271	1051	1058	1065	rVV4	3483	8504	1.04%	0.133%
9	8.417	1075	1082	1090	rVB3	4340	10621	1.30%	0.166%
10	8.545	1095	1103	1114	rVB	9860	20492	2.51%	0.320%
11	8.685	1117	1126	1139	rBV	296714	575386	70.51%	8.980%
12	9.179	1196	1207	1214	rBV2	21214	49809	6.10%	0.777%
13	9.460	1245	1253	1260	rBV5	3328	8537	1.05%	0.133%
14	9.606	1271	1277	1283	rVB5	5101	9530	1.17%	0.149%
15	9.813	1305	1311	1324	rVB3	11482	28832	3.53%	0.450%
16	9.953	1326	1334	1346	rVB5	8691	23268	2.85%	0.363%
17	10.173	1363	1370	1378	rBV	464870	816011	100.00%	12.735%
18	10.234	1378	1380	1386	rVB	7393	12321	1.51%	0.192%
19	10.368	1394	1402	1408	rVB2	24683	48754	5.97%	0.761%
20	10.514	1422	1426	1431	rVB3	8035	13792	1.69%	0.215%
21	10.575	1431	1436	1439	rBV2	7205	13187	1.62%	0.206%
22	10.612	1439	1442	1448	rVB7	6708	11843	1.45%	0.185%
23	10.715	1453	1459	1466	rVB3	15585	26268	3.22%	0.410%
24	10.801	1468	1473	1477	rBV2	6174	9722	1.19%	0.152%
25	10.898	1480	1489	1495	rBV6	4000	10688	1.31%	0.167%
26	11.032	1507	1511	1515	rVV2	13283	19939	2.44%	0.311%
27	11.087	1515	1520	1525	rVB2	14783	24849	3.05%	0.388%
28	11.197	1533	1538	1543	rBV3	6113	11058	1.36%	0.173%
29	11.276	1543	1551	1562	rVB4	13359	34453	4.22%	0.538%
30	11.374	1562	1567	1576	rBV	10647	20286	2.49%	0.317%
31	11.484	1578	1585	1596	rBV	416345	692132	84.82%	10.802%
32	11.581	1596	1601	1606	rBV3	7178	15021	1.84%	0.234%
33	11.709	1611	1622	1631	rVV3	34848	101720	12.47%	1.588%
34	11.776	1631	1633	1638	rVB3	6611	9479	1.16%	0.148%
35	12.118	1686	1689	1693	rVB2	7956	10670	1.31%	0.167%
36	12.197	1698	1702	1705	rVV4	10790	16537	2.03%	0.258%

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37	12.239	1705	1709	1714	rVB4	11080	19603	2.40%	0.306%
38	12.477	1742	1748	1758	rVB	344998	544624	66.74%	8.500%
39	12.642	1767	1775	1783	rVB7	10656	26818	3.29%	0.419%
40	12.733	1783	1790	1793	rBV3	18770	34861	4.27%	0.544%
41	12.800	1797	1801	1807	rVV2	53505	92218	11.30%	1.439%
42	12.965	1821	1828	1836	rVV4	7055	21367	2.62%	0.333%
43	13.038	1836	1840	1846	rVV4	13648	22452	2.75%	0.350%
44	13.117	1848	1853	1857	rVV	19118	29098	3.57%	0.454%
45	13.312	1878	1885	1889	rBV4	14016	26406	3.24%	0.412%
46	13.367	1889	1894	1897	rVV4	10727	20383	2.50%	0.318%
47	13.422	1897	1903	1912	rVB	390030	619130	75.87%	9.663%
48	13.526	1917	1920	1923	rVB3	8492	10634	1.30%	0.166%
49	13.617	1932	1935	1939	rVV2	11029	14966	1.83%	0.234%
50	13.666	1939	1943	1950	rVB2	23688	42954	5.26%	0.670%
51	13.751	1950	1957	1961	rBV2	50934	83646	10.25%	1.305%
52	13.910	1980	1983	1987	rVB3	11409	15034	1.84%	0.235%
53	13.965	1987	1992	1997	rVB2	42045	65643	8.04%	1.024%
54	14.014	1997	2000	2004	rVB6	5206	8162	1.00%	0.127%
55	14.075	2005	2010	2015	rBV2	23097	35654	4.37%	0.556%
56	14.135	2015	2020	2027	rVB8	6319	14134	1.73%	0.221%
57	14.209	2027	2032	2036	rBV4	10939	25750	3.16%	0.402%
58	14.331	2050	2052	2056	rVB	21187	25589	3.14%	0.399%
59	14.379	2056	2060	2063	rBV2	20177	31567	3.87%	0.493%
60	14.416	2063	2066	2070	rVB2	17260	24688	3.03%	0.385%
61	14.568	2086	2091	2094	rVV3	9608	20176	2.47%	0.315%
62	14.605	2094	2097	2102	rVB2	54973	74168	9.09%	1.158%
63	14.672	2102	2108	2114	rBV2	38268	86802	10.64%	1.355%
64	14.727	2114	2117	2124	rVB2	28687	46398	5.69%	0.724%
65	14.940	2148	2152	2156	rBV3	18940	27667	3.39%	0.432%
66	15.050	2164	2170	2175	rBV5	20588	42840	5.25%	0.669%
67	15.129	2181	2183	2189	rVB4	15518	23862	2.92%	0.372%
68	15.208	2189	2196	2204	rBV4	27546	70509	8.64%	1.100%
69	15.288	2204	2209	2212	rVV6	10242	19127	2.34%	0.299%
70	15.343	2214	2218	2221	rVV3	11690	23232	2.85%	0.363%
71	15.385	2223	2225	2229	rVV4	11561	19403	2.38%	0.303%
72	15.428	2229	2232	2242	rVB	44327	69296	8.49%	1.081%
73	15.525	2242	2248	2255	rBV9	11704	33318	4.08%	0.520%
74	15.599	2255	2260	2265	rVB6	11564	22477	2.75%	0.351%
75	15.678	2270	2273	2277	rVB5	6805	11624	1.42%	0.181%
76	15.885	2303	2307	2317	rVB9	8472	20360	2.50%	0.318%

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77	16.025	2323	2330	2335	rVB6	11653	28234	3.46%	0.441%
78	16.153	2346	2351	2356	rBV3	16126	29791	3.65%	0.465%
79	16.220	2359	2362	2367	rVV7	5821	11051	1.35%	0.172%
80	16.288	2369	2373	2377	rVV	17803	31576	3.87%	0.493%
81	16.355	2379	2384	2390	rVB3	29299	54557	6.69%	0.851%
82	16.483	2399	2405	2419	rVB2	26010	74182	9.09%	1.158%

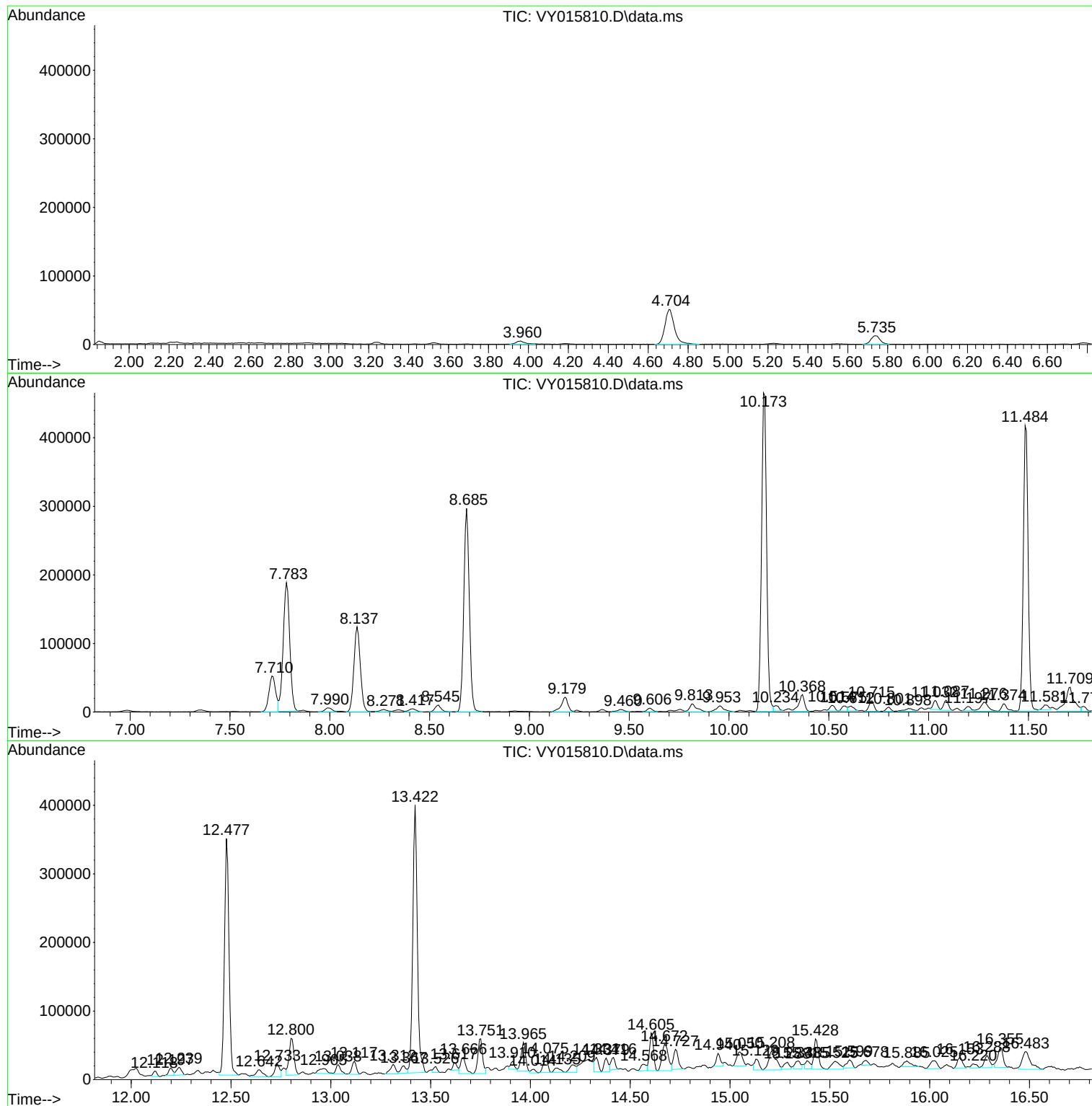
Sum of corrected areas: 6407434

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



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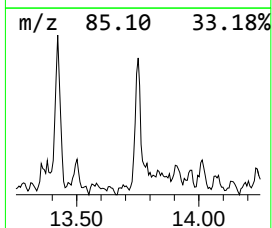
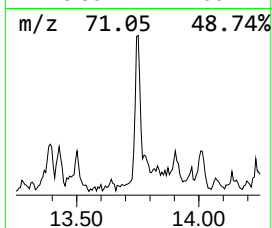
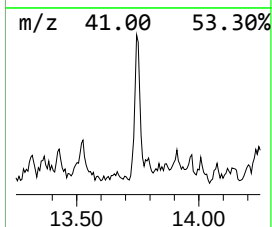
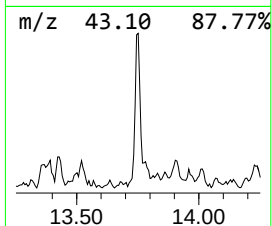
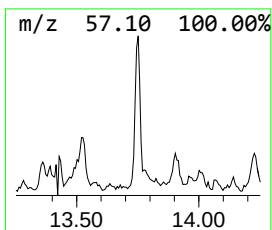
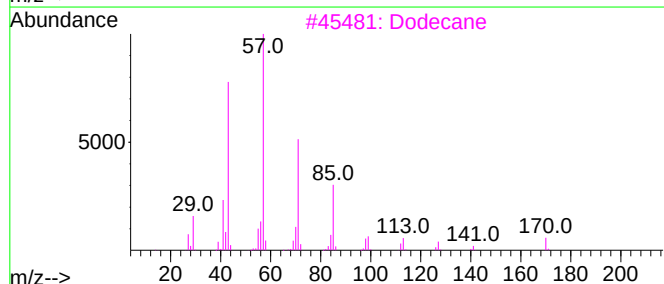
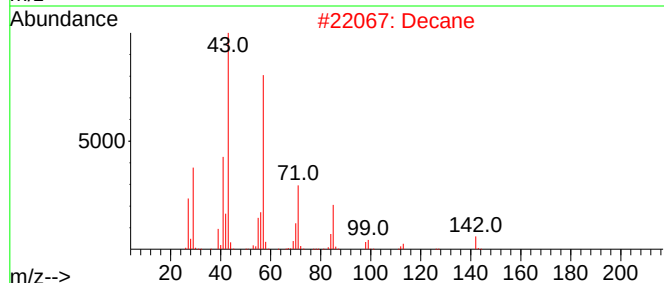
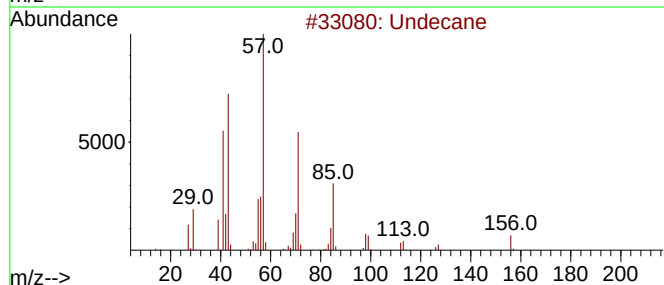
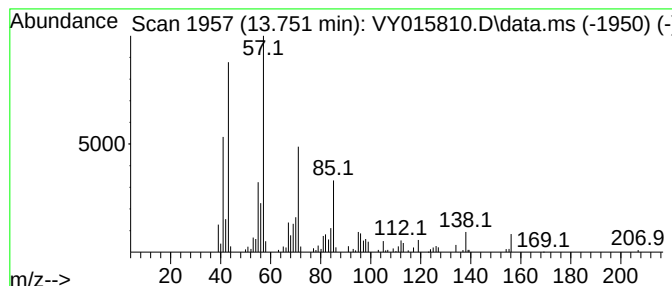
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	6.76 ug/l	83646	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	93
2	Decane			142	C10H22	000124-18-5	64
3	Dodecane			170	C12H26	000112-40-3	53
4	Carbonic acid, octadecyl prop-1-...			354	C22H42O3	1000383-11-5	53
5	Nonadecane			268	C19H40	000629-92-5	50



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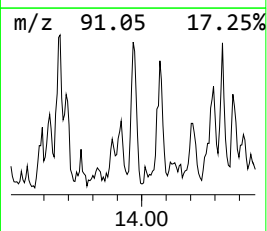
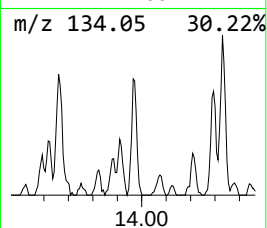
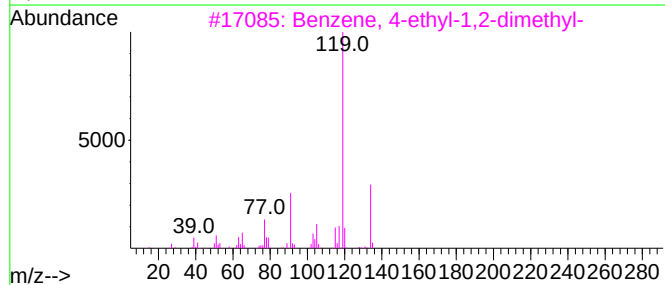
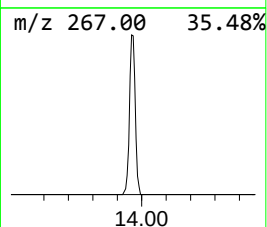
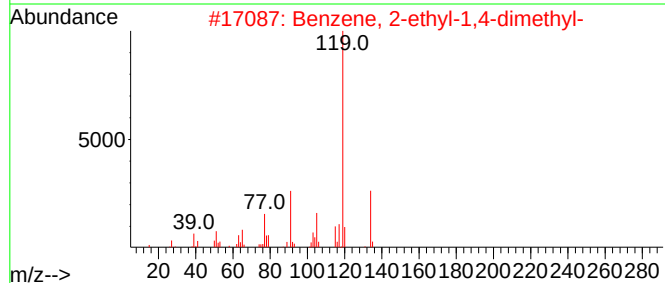
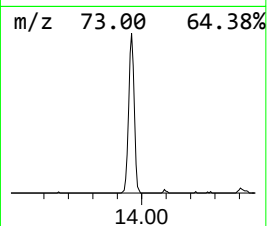
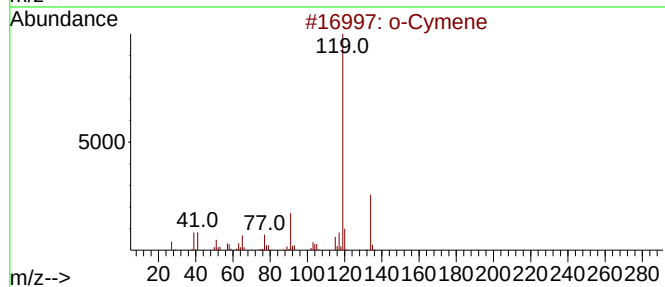
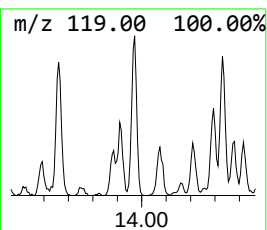
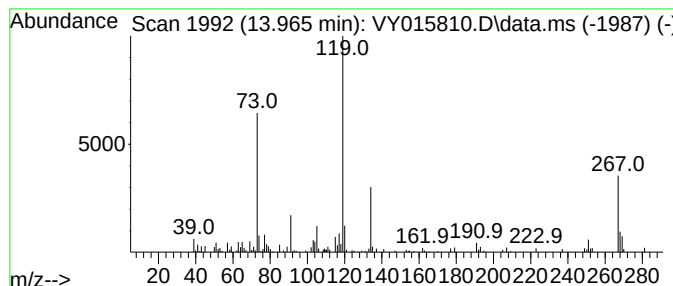
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 2 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	5.30 ug/l	65643	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	91
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5			p-Cymene	134	C10H14	000099-87-6	64



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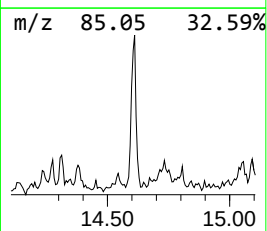
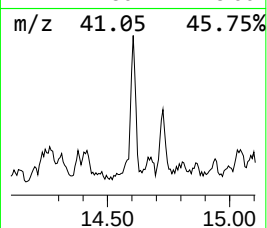
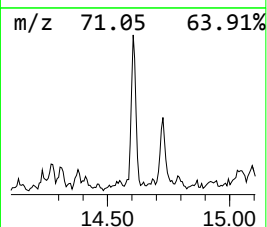
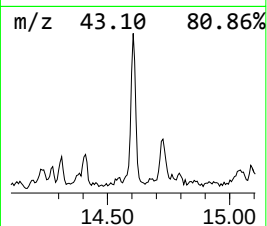
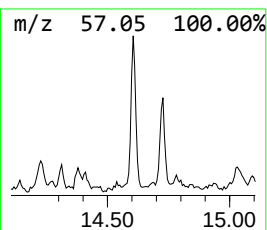
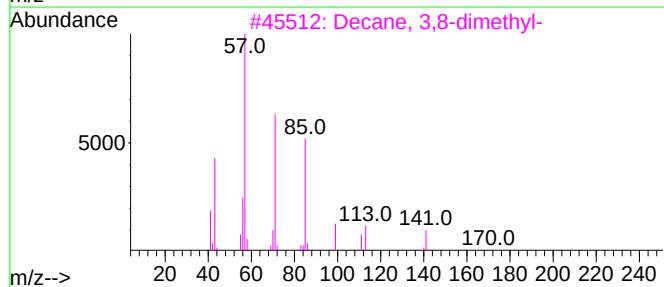
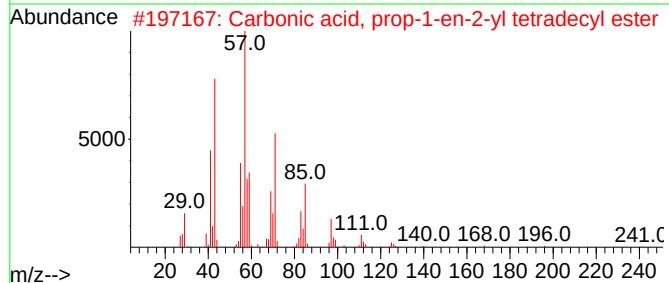
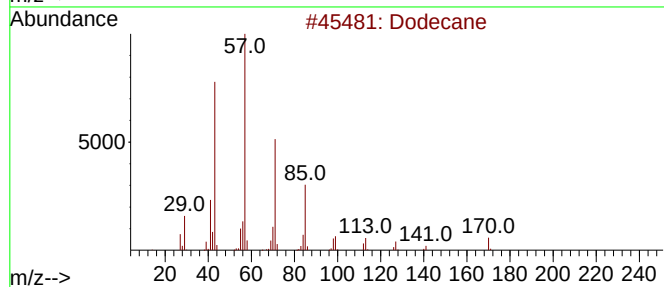
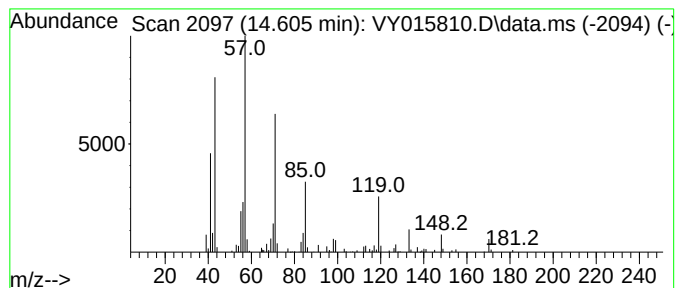
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Quant Title : SW846 8260

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

Peak Number 3 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.605	5.99 ug/l	74168	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	70
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	58
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	53
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	53



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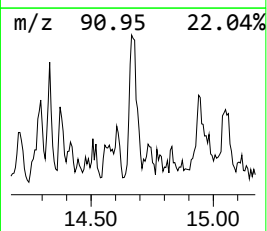
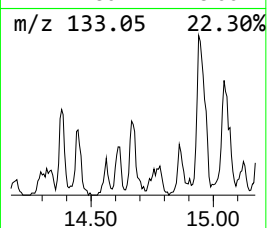
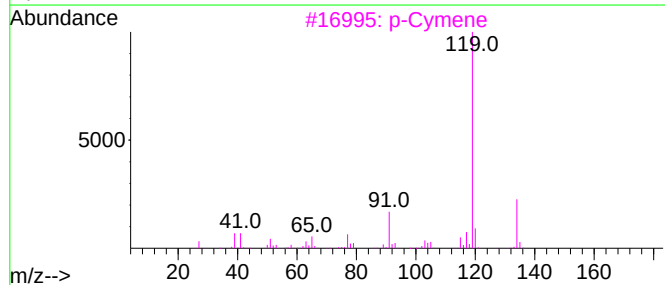
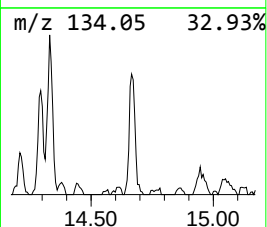
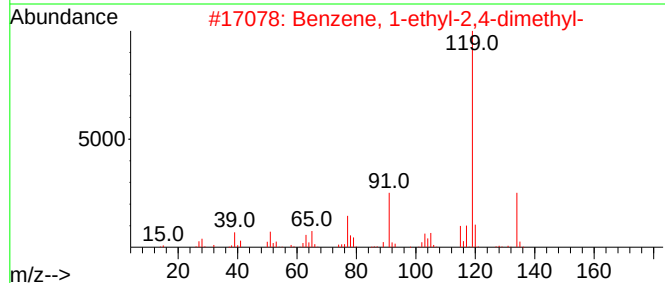
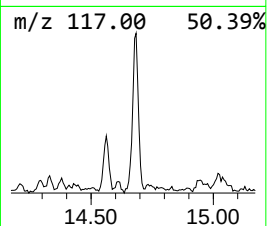
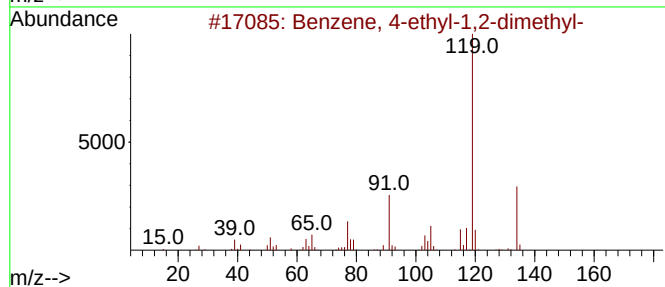
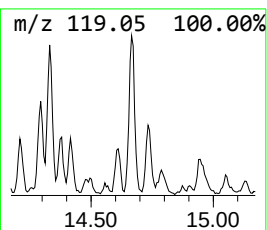
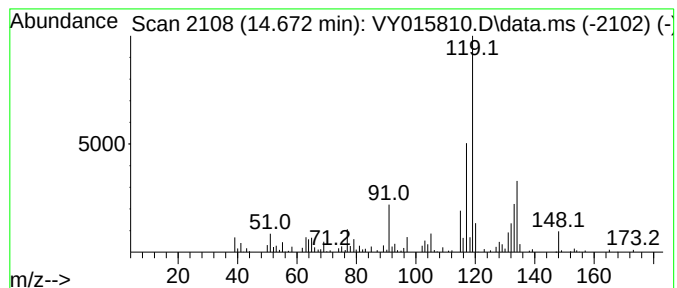
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	7.01 ug/l	86802	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
3			p-Cymene	134	C10H14	000099-87-6	55
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
5			o-Cymene	134	C10H14	000527-84-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015810.D
Acq On : 03 Oct 2023 16:55
Operator : SY/MD
Sample : 04703-05
Misc : 3.90g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E9066-OB-003

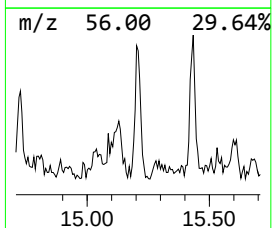
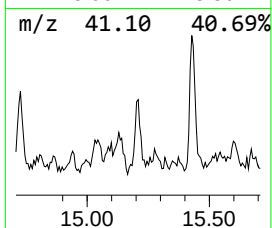
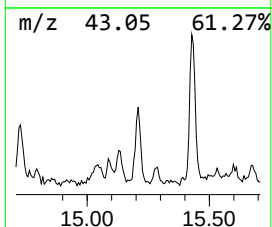
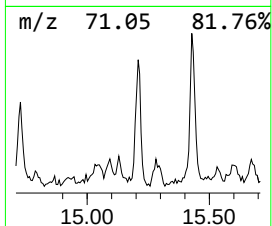
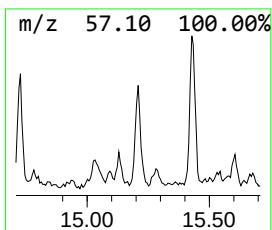
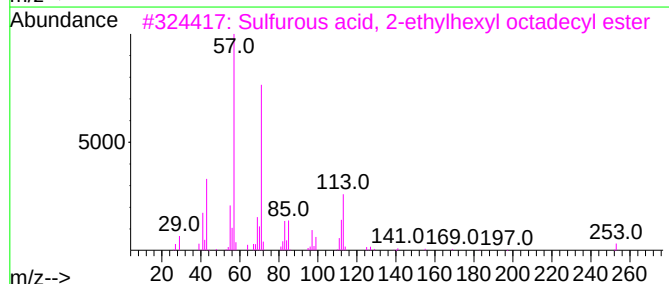
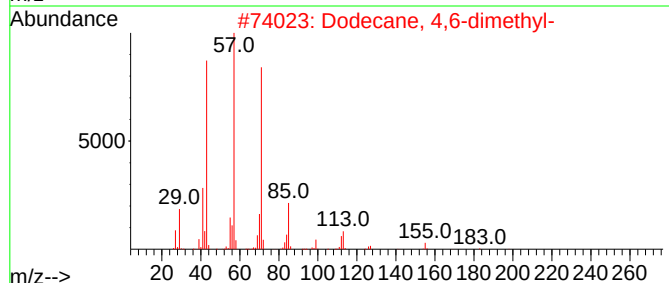
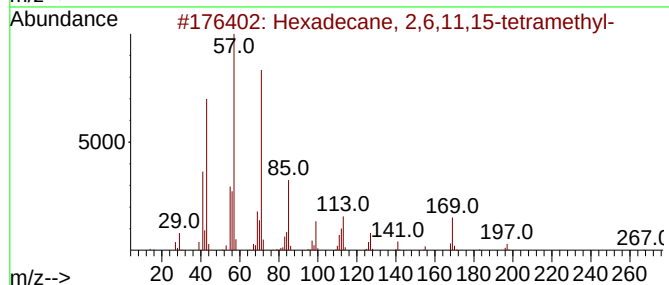
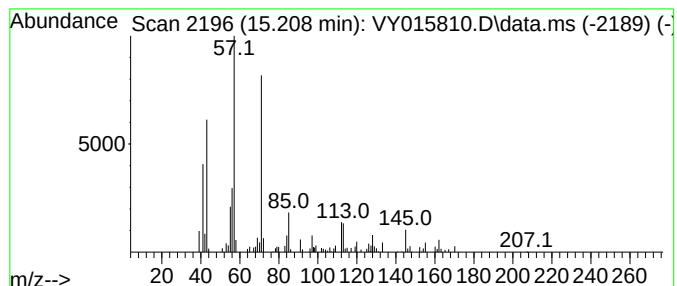
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Quant Title : SW846 8260

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

Peak Number 5 Hexadecane, 2,6,11,15-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.209	5.69 ug/l	70509	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
3			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	59
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
5			4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015810.D
Acq On : 03 Oct 2023 16:55
Operator : SY/MD
Sample : 04703-05
Misc : 3.90g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E9066-OB-003

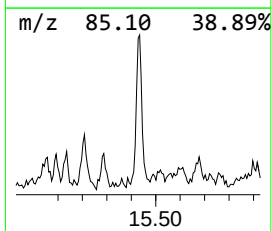
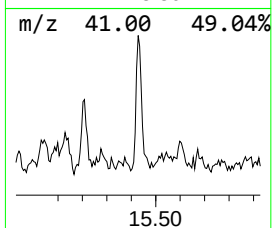
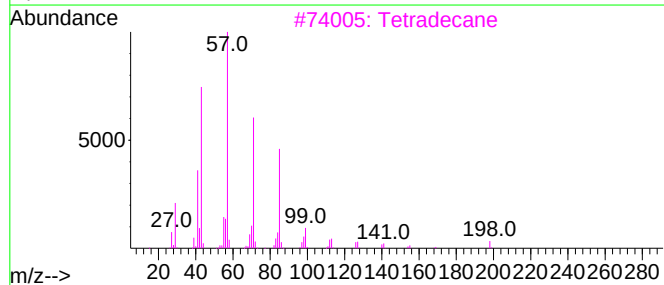
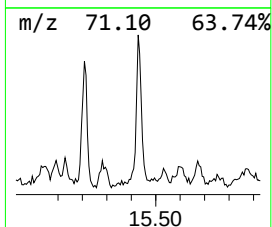
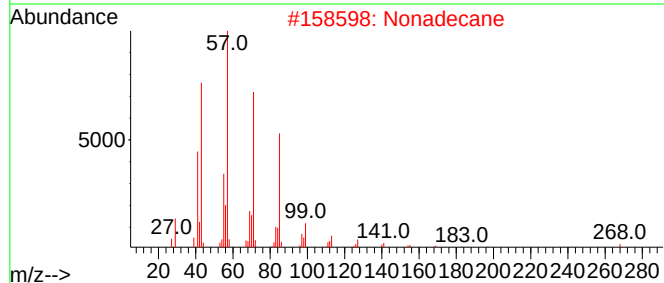
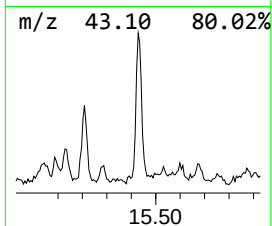
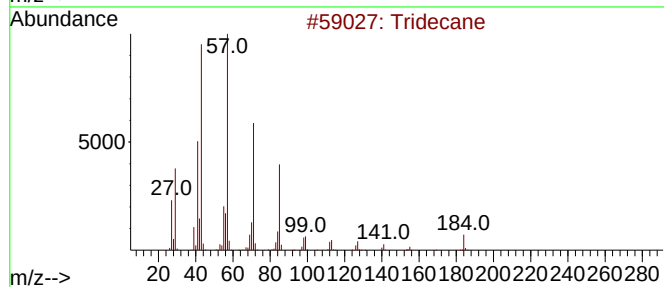
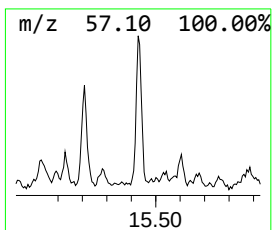
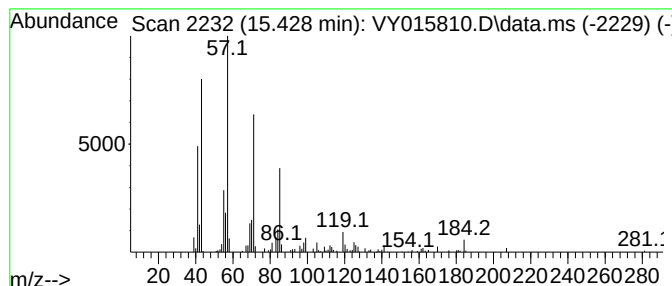
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Quant Title : SW846 8260

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

Peak Number 6 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.428	5.60 ug/l	69296	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Nonadecane	268	C19H40	000629-92-5	64
3			Tetradecane	198	C14H30	000629-59-4	64
4			Decane, 3-methyl-	156	C11H24	013151-34-3	64
5			Nonane	128	C9H20	000111-84-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015810.D
Acq On : 03 Oct 2023 16:55
Operator : SY/MD
Sample : 04703-05
Misc : 3.90g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E9066-OB-003

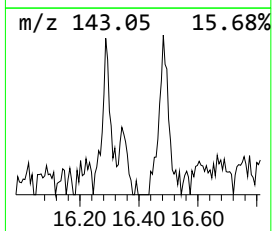
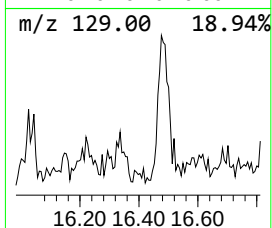
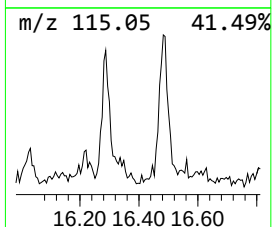
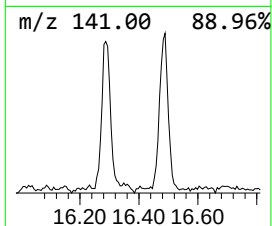
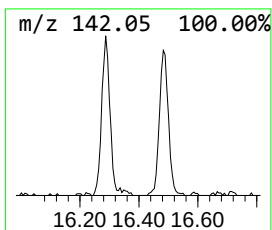
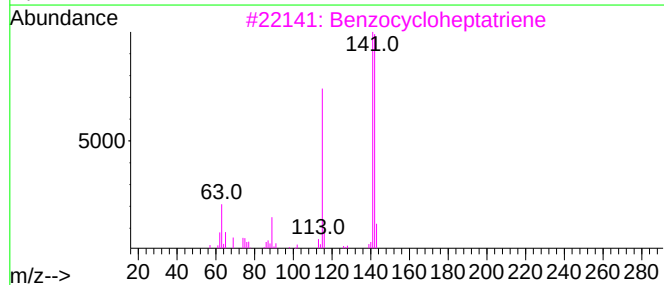
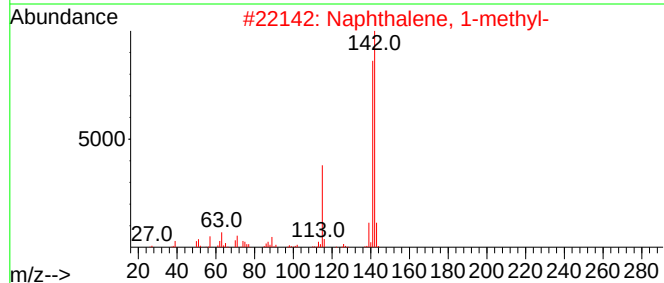
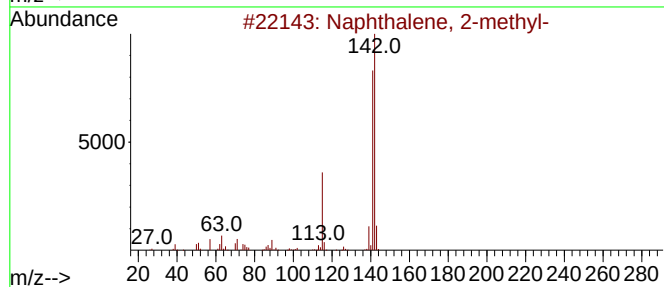
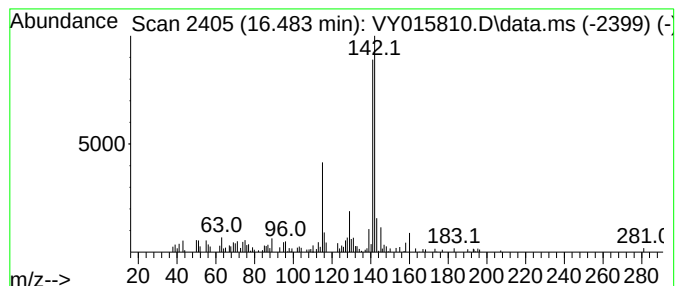
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	5.99 ug/l	74182	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3			Benzocycloheptatriene	142	C11H10	000264-09-5	87
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	83
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015810.D
Acq On : 03 Oct 2023 16:55
Operator : SY/MD
Sample : 04703-05
Misc : 3.90g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
E9066-OB-003

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.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
Undecane	13.751	6.8	ug/l	83646	4	13.422	619130	50.0
o-Cymene	13.965	5.3	ug/l	65643	4	13.422	619130	50.0
Dodecane	14.605	6.0	ug/l	74168	4	13.422	619130	50.0
Benzene, 4-ethy...	14.672	7.0	ug/l	86802	4	13.422	619130	50.0
Hexadecane, 2,6...	15.209	5.7	ug/l	70509	4	13.422	619130	50.0
Tridecane	15.428	5.6	ug/l	69296	4	13.422	619130	50.0
Naphthalene, 2-...	16.483	6.0	ug/l	74182	4	13.422	619130	50.0