LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018793.D
Acq On : 12 Jul 2024 13:25
Operator : SY/MD
Sample : P3184-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)RE

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\82Y070924S.M
Title : SW846 8260

Signal : TIC: VY018793.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.205	58	63	71	rVB3	3646	7028	1.69%	0.131%
2	4.698	461	472	473	rBV3	15559	30785	7.42%	0.575%
3	4.942	501	512	522	rBV3	5102	18328	4.42%	0.342%
4	5.222	551	558	567	rVB4	3313	9914	2.39%	0.185%
5	5.735	633	642	654	rVB3	6333	19870	4.79%	0.371%
6	6.679	785	797	803	rBV5	2678	8606	2.07%	0.161%
7	6.777	803	813	826	rVB4	6219	20475	4.93%	0.382%
8	7.509	928	933	942	rVB5	1902	4423	1.07%	0.083%
9	7.710	957	966	971	rBV	62188	150011	36.15%	2.800%
10	7.783	971	978	985	rVV	102862	250602	60.40%	4.678%
11	7.868	985	992	1002	rVB3	7532	20214	4.87%	0.377%
12	7.990	1002	1012	1019	rBV4	11667	27410	6.61%	0.512%
13	8.136	1026	1036	1048	rVB2	53285	129044	31.10%	2.409%
14	8.319	1051	1066	1075	rVV	31839	95092	22.92%	1.775%
15	8.405	1075	1080	1090	rVB5	4220	10620	2.56%	0.198%
16	8.545	1095	1103	1111	rVB2	12229	25275	6.09%	0.472%
17	8.685	1117	1126	1134	rBV	160723	316691	76.33%	5.912%
18	9.179	1195	1207	1213	rBV2	30260	70246	16.93%	1.311%
19	9.234	1213	1216	1223	rVB4	6915	12765	3.08%	0.238%
20	9.368	1233	1238	1243	rVB4	3649	6500	1.57%	0.121%
21	9.447	1243	1251	1258	rBV2	12909	27893	6.72%	0.521%
22	9.514	1258	1262	1269	rVB3	3043	5563	1.34%	0.104%
23	9.612	1271	1278	1287	rVB	21063	42323	10.20%	0.790%
24	9.746	1287	1300	1306	rBV4	24159	60090	14.48%	1.122%
25	9.819	1306	1312	1315	rBV2	10350	16553	3.99%	0.309%
26	9.953	1323	1334	1346	rVB3	11395	28019	6.75%	0.523%
27	10.106	1354	1359	1364	rVV2	8406	14196	3.42%	0.265%
28	10.173	1364	1370	1376	rBV	234116	414924	100.00%	7.745%
29	10.240	1376	1381	1388	rVB	137125	225988	54.46%	4.219%
30	10.368	1394	1402	1408	rVB4	15428	32701	7.88%	0.610%
31	10.514	1422	1426	1433	rBV4	3475	6131	1.48%	0.114%
32	10.709	1453	1458	1463	rVB5	2996	5614	1.35%	0.105%
33	10.795	1468	1472	1478	rBV2	3298	4904	1.18%	0.092%
34	10.965	1494	1500	1503	rBV6	4000	7153	1.72%	0.134%
35	11.038	1508	1512	1516	rVV2	5341	8860	2.14%	0.165%
36	11.087	1516	1520	1526	rVB5	4157	6569	1.58%	0.123%

LSC Area Percent Report

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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)RE

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Title : SW846 8260

37	11.197	1533	1538	1543	rBV5	3323	5957	1.44%	0.111%
38	11.276	1543	1551	1562	rVB6	7785	19310	4.65%	0.360%
39	11.374	1562	1567	1577	rBV5	5046	11110	2.68%	0.207%
40	11.490	1578	1586	1592	rVV	209427	343622	82.82%	6.414%
41	11.587	1596	1602	1611	rVV	33759	60880	14.67%	1.136%
42	11.697	1611	1620	1630	rVV	110337	224129	54.02%	4.184%
43	11.776	1630	1633	1639	rVB5	3306	5332	1.29%	0.100%
44	12.026	1663	1674	1683	rVV	55207	99781	24.05%	1.863%
45	12.118	1683	1689	1693	rBV6	2863	5338	1.29%	0.100%
46	12.197	1699	1702	1705	rVV4	3014	4907	1.18%	0.092%
47	12.246	1705	1710	1714	rVV4	4951	9427	2.27%	0.176%
48	12.331	1718	1724	1729	rBV3	7667	12746	3.07%	0.238%
49	12.477	1742	1748	1758	rVB2	148851	244863	59.01%	4.571%
50	12.563	1758	1762	1767	rBV8	2015	4327	1.04%	0.081%
51	12.642	1771	1775	1776	rBV2	5444	6395	1.54%	0.119%
52	12.733	1783	1790	1793	rBV	32038	53123	12.80%	0.992%
53	12.764	1793	1795	1798	rVV	18699	27273	6.57%	0.509%
54	12.806	1798	1802	1807	rVV2	36753	64537	15.55%	1.205%
55	12.861	1807	1811	1816	rVB5	7554	11728	2.83%	0.219%
56	12.983	1821	1831	1837	rBV2	178611	302587	72.93%	5.648%
57	13.038	1837	1840	1845	rVV4	13081	20556	4.95%	0.384%
58	13.117	1848	1853	1858	rVV	54463	84933	20.47%	1.585%
59	13.166	1858	1861	1864	rVV4	3441	5150	1.24%	0.096%
60	13.251	1868	1875	1878	rVV5	12681	21939	5.29%	0.410%
61	13.319	1878	1886	1889	rVV7	18231	42073	10.14%	0.785%
62	13.361	1889	1893	1896	rVV5	10757	19005	4.58%	0.355%
63	13.422	1897	1903	1913	rVB2	144345	256552	61.83%	4.789%
64	13.501	1913	1916	1919	rBV5	3880	5007	1.21%	0.093%
65	13.617	1929	1935	1939	rBV3	20615	30370	7.32%	0.567%
66	13.666	1939	1943	1951	rVB3	24403	48452	11.68%	0.904%
67	13.751	1951	1957	1962	rBV3	42806	79769	19.22%	1.489%
68	13.794	1962	1964	1966	rVV2	7919	10035	2.42%	0.187%
69	13.825	1966	1969	1971	rVV	12377	16310	3.93%	0.304%
70	13.885	1975	1979	1981	rVV	23168	36501	8.80%	0.681%
71	13.916	1981	1984	1988	rVV3	26375	45394	10.94%	0.847%
72	13.971	1988	1993	1998	rVB3	27721	49059	11.82%	0.916%
73	14.074	2005	2010	2015	rBV2	48090	82352	19.85%	1.537%
74	14.135	2015	2020	2021	rBV3	16759	23986	5.78%	0.448%
75	14.202	2027	2031	2034	rBV5	11583	22363	5.39%	0.417%
76	14.257	2035	2040	2043	rBV5	40842	68550	16.52%	1.280%

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Title : SW846 8260

77	14.385	2056	2061	2063	rBV5	24298	39907	9.62%	0.745%
78	14.422	2063	2067	2070	rVV4	36094	51845	12.50%	0.968%
79	14.477	2073	2076	2079	rVB5	16260	25292	6.10%	0.472%
80	14.574	2088	2092	2094	rBV5	7932	13068	3.15%	0.244%
81	14.617	2095	2099	2103	rVB3	32050	44371	10.69%	0.828%
82	14.672	2103	2108	2114	rBV4	54150	130690	31.50%	2.440%
83	14.727	2114	2117	2123	rVB5	55133	94733	22.83%	1.768%
84	14.843	2131	2136	2139	rBV4	47640	87705	21.14%	1.637%
85	14.873	2139	2141	2145	rVV4	37843	47529	11.45%	0.887%
86	14.940	2148	2152	2156	rVB4	48273	75820	18.27%	1.415%
87	15.044	2165	2169	2173	rBV6	22014	40400	9.74%	0.754%
88	15.440	2230	2234	2238	rBV5	42574	78539	18.93%	1.466%

Sum of corrected areas: 5357007

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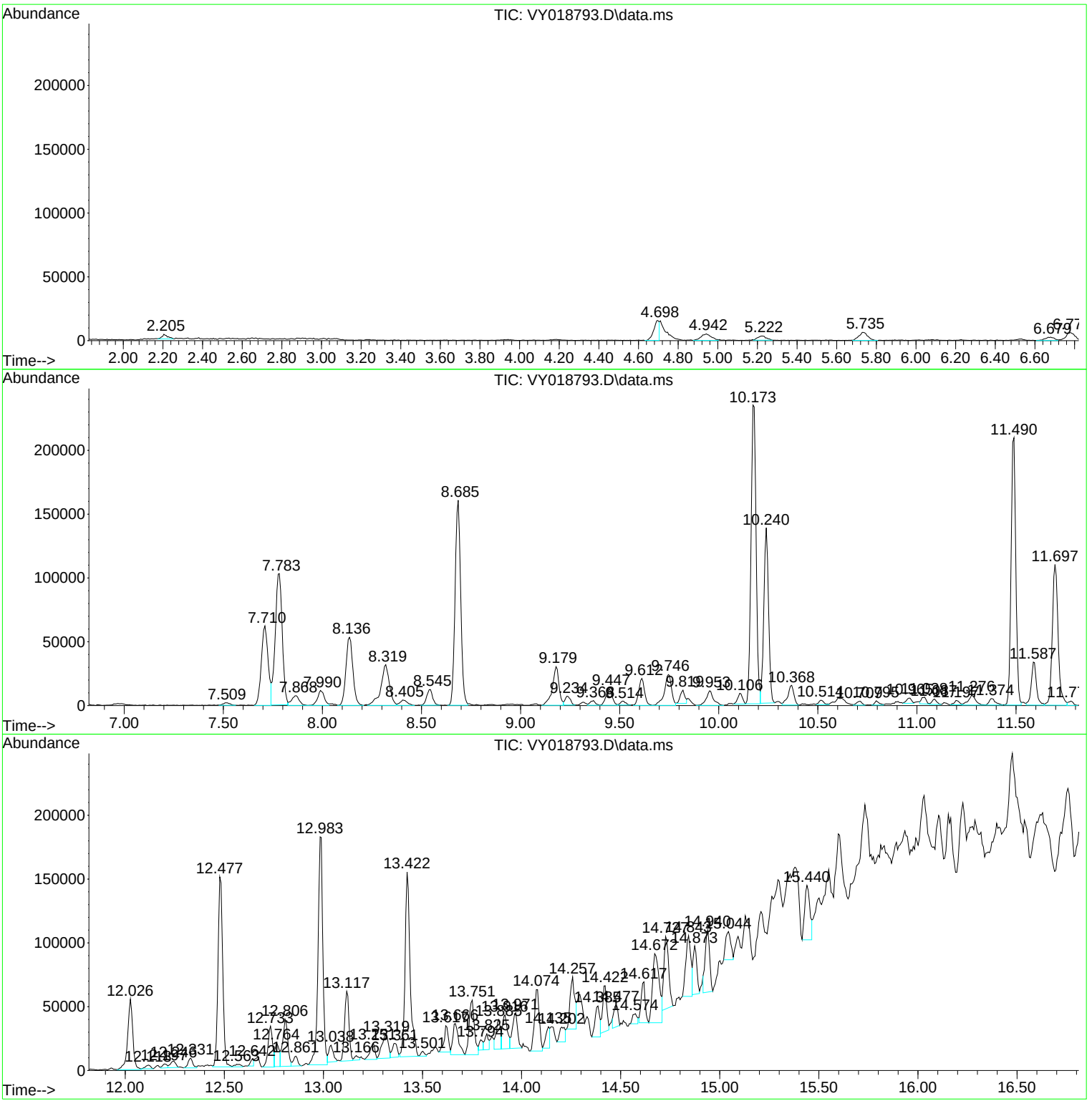
MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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



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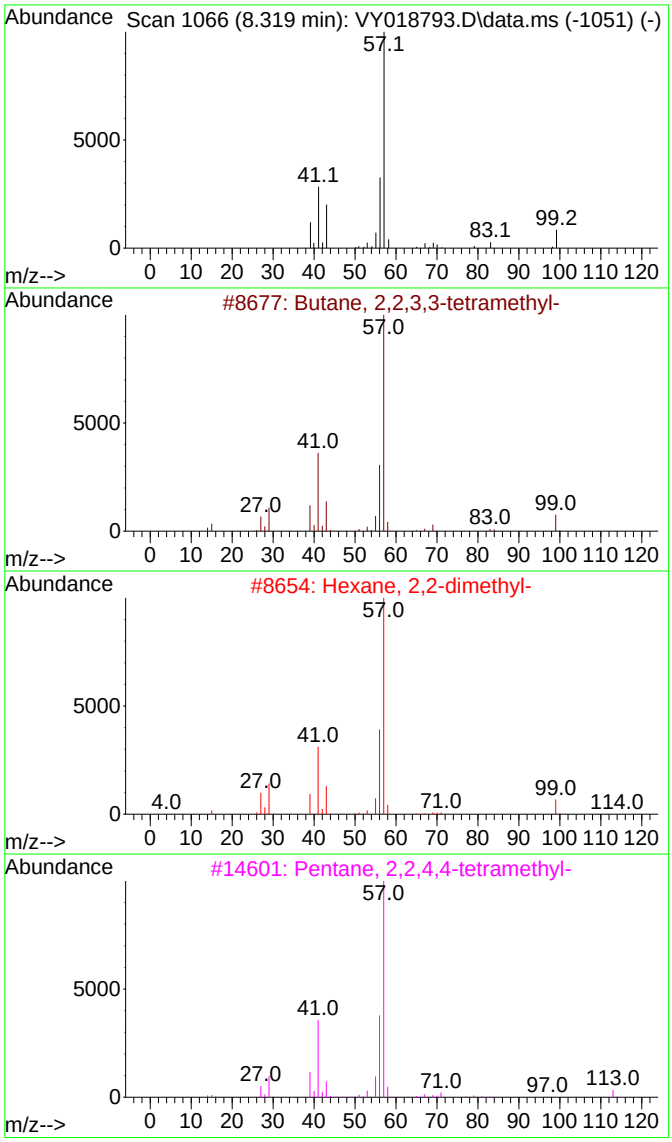
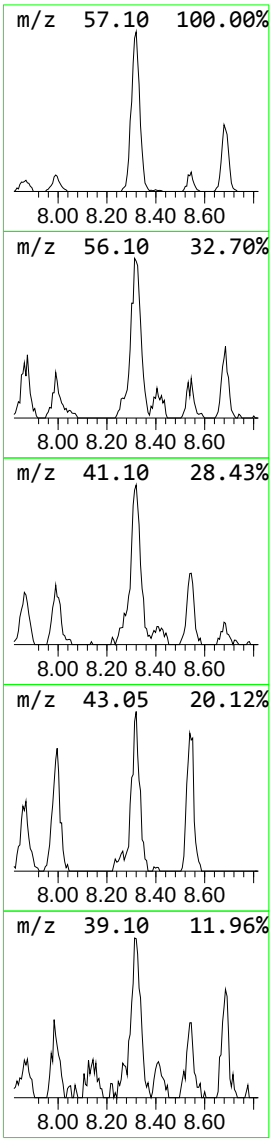
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	15.01 ug/l	95092	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
4	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	56
5	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	56





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Instrument :
MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

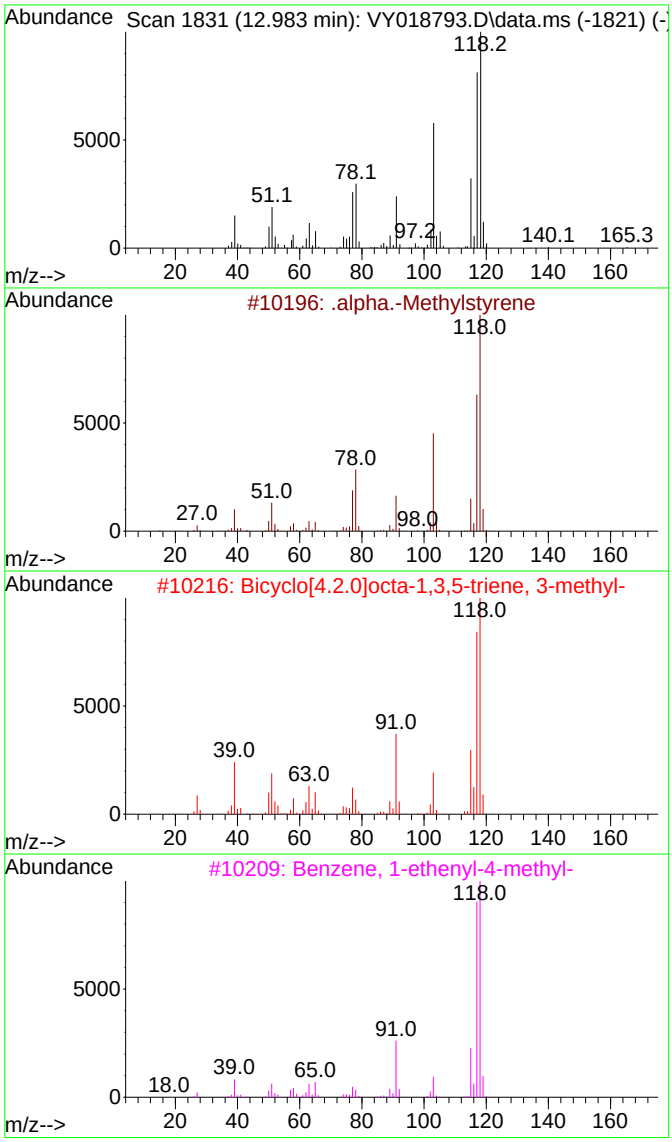
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

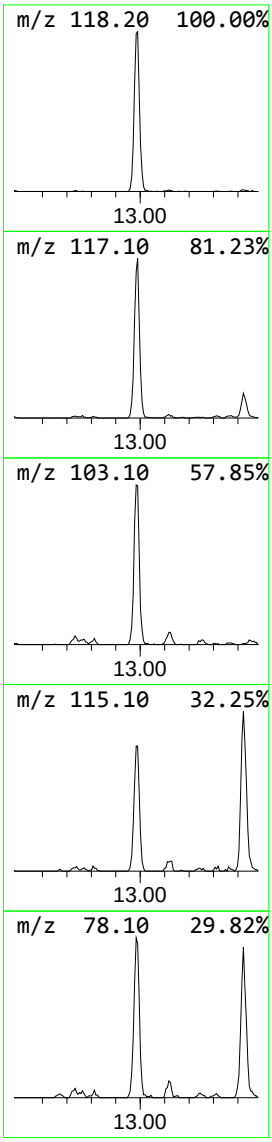
****

Peak Number 2 .alpha.-Methylstyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	58.97 ug/l	302587	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	96
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	64
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	58
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	52
5	1-Methyl-1-phenylcyclobutane	146	C11H14	007306-05-0	50





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COMP(00187-00189-00186)RE

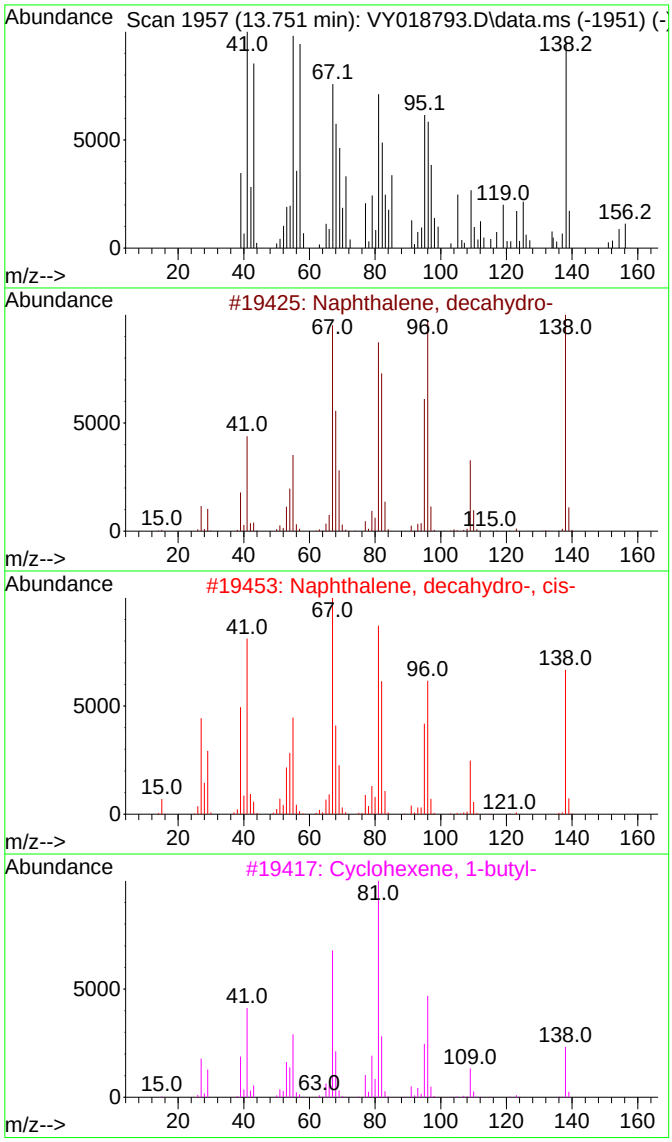
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

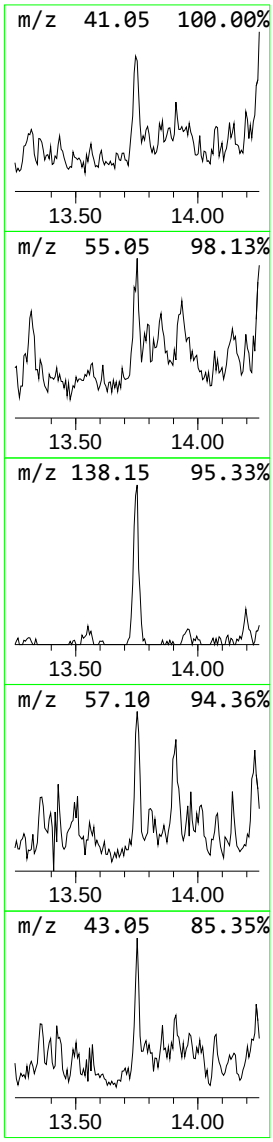
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, decahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	15.55 ug/l	79769	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	83
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64
3	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	64
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	58
5	Cyclodecene	138	C10H18	003618-12-0	58





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

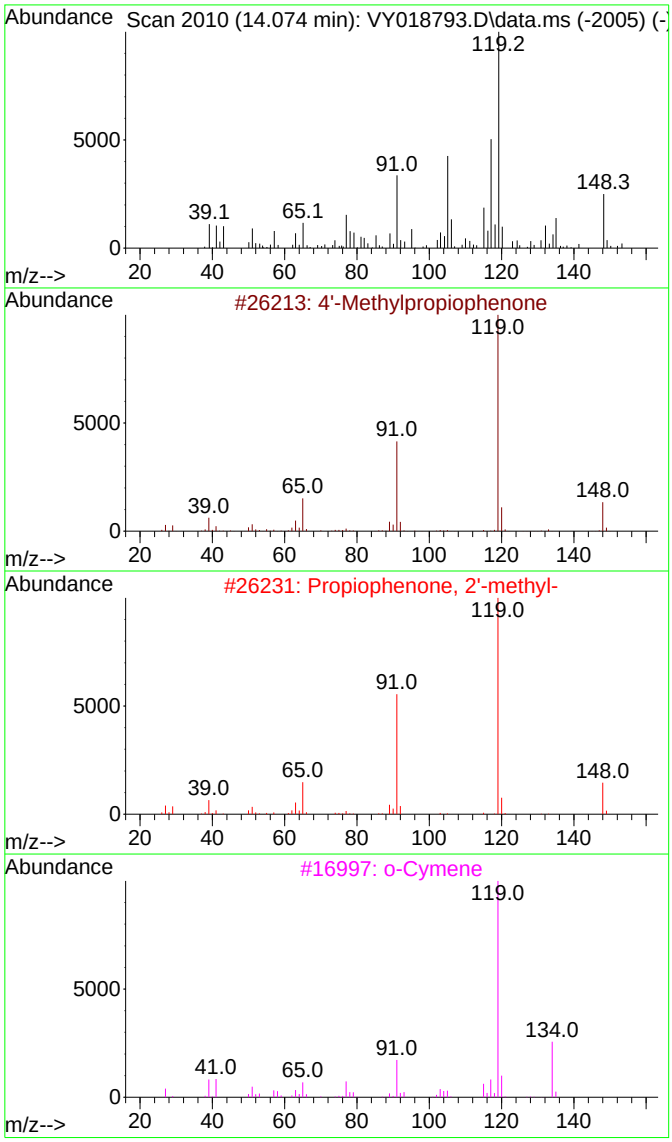
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

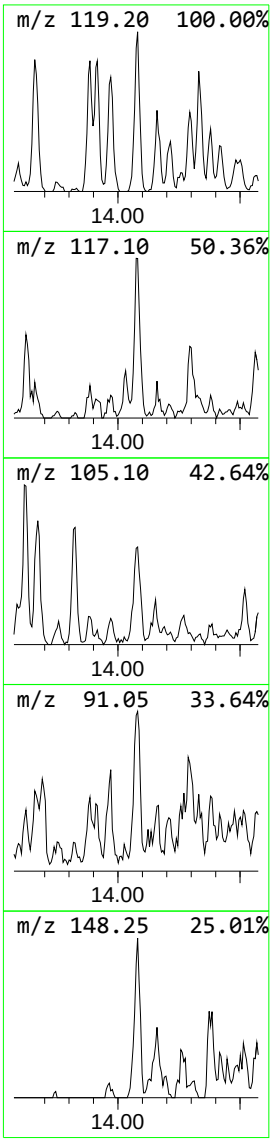
****

Peak Number 4 4'-Methylpropiophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.075	16.05 ug/l	82352	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Methylpropiophenone	148	C10H12O	005337-93-9	55
2	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	49
3	o-Cymene	134	C10H14	000527-84-4	45
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	43
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43





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MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)RE

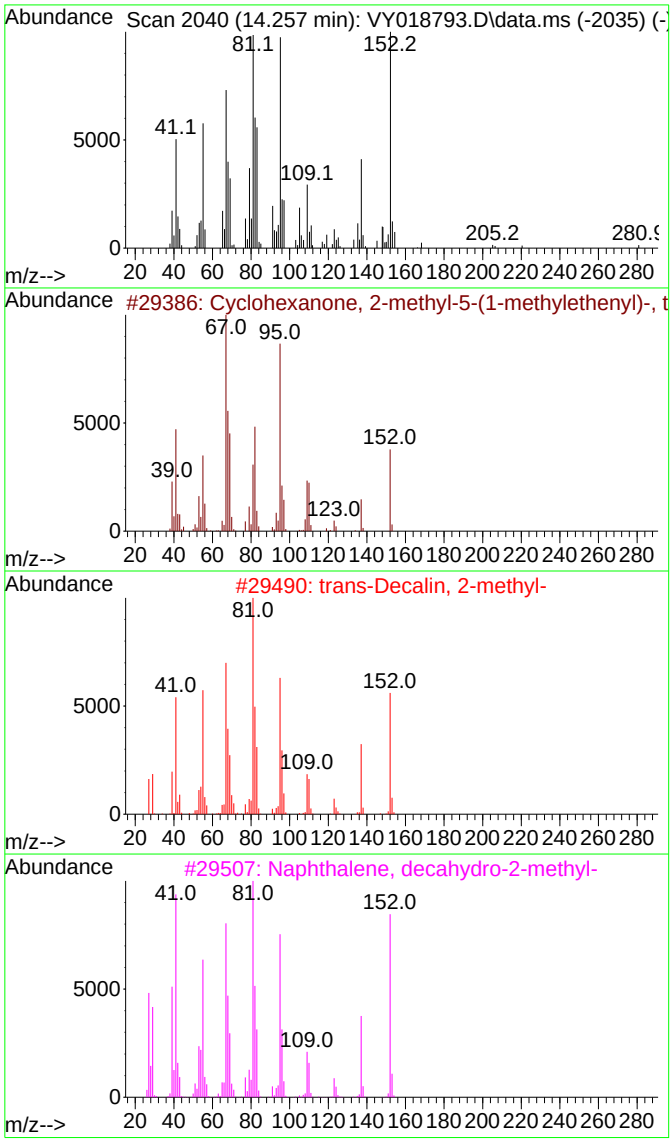
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

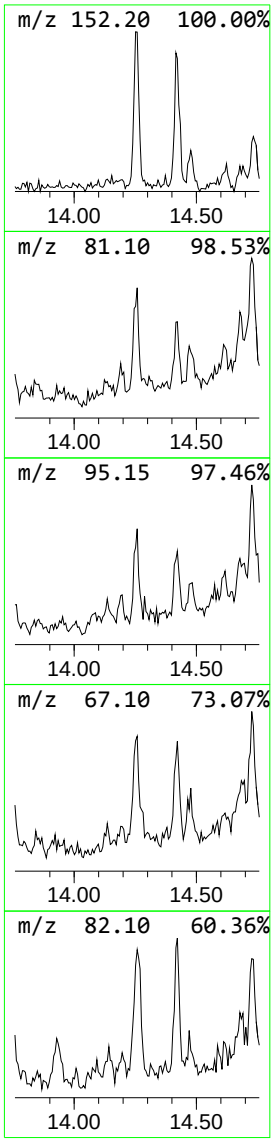
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexanone, 2-methyl-5-(... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	13.36 ug/l	68550	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	86
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	72
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
5	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	55





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ALS Vial : 10 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)RE

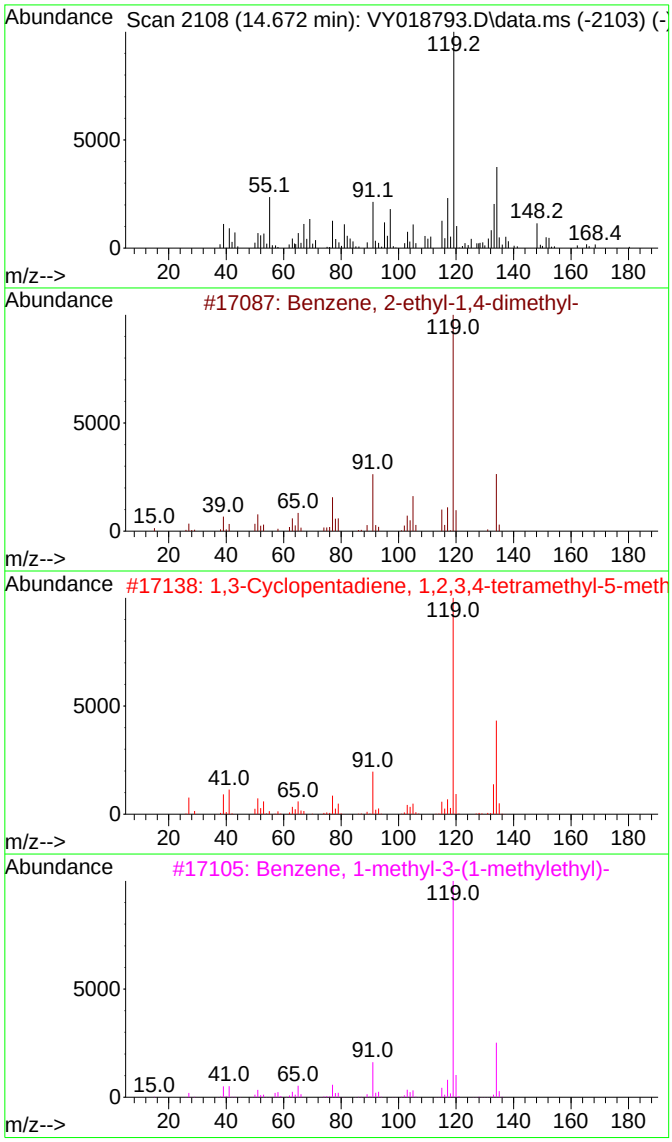
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

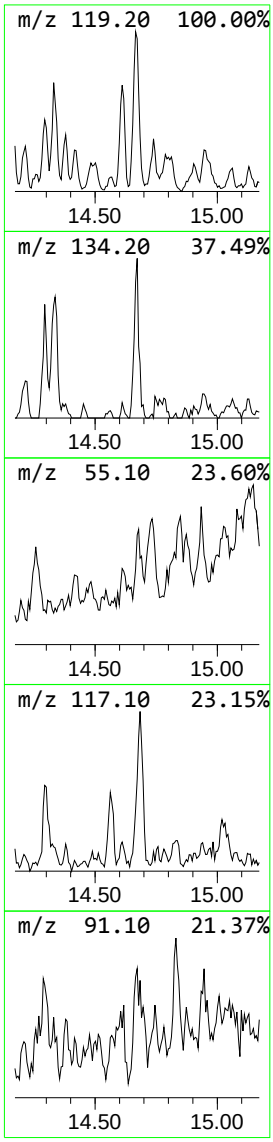
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	25.47 ug/l	130690	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018793.D
Acq On : 12 Jul 2024 13:25
Operator : SY/MD
Sample : P3184-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)RE

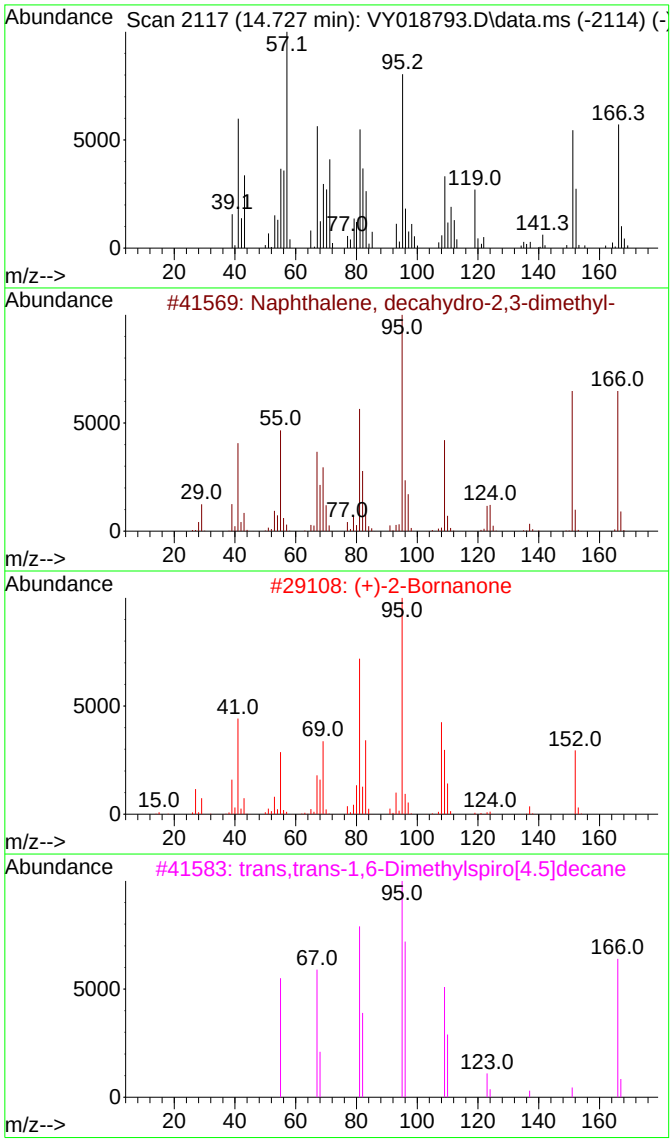
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

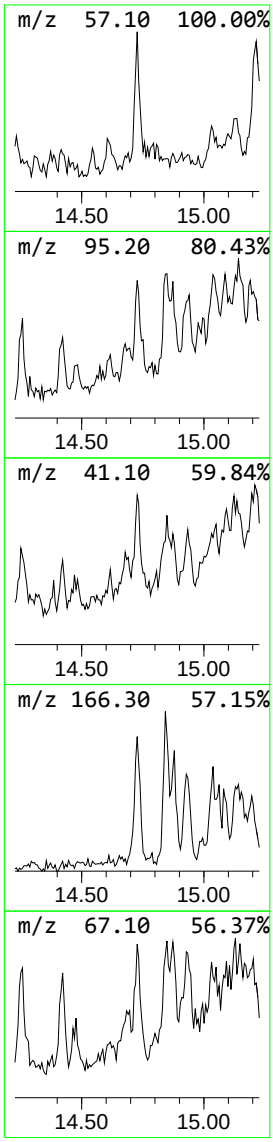
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, decahydro-2,3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	18.46 ug/l	94733	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	62
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	55
3	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	49
4	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	46
5	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018793.D
Acq On : 12 Jul 2024 13:25
Operator : SY/MD
Sample : P3184-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

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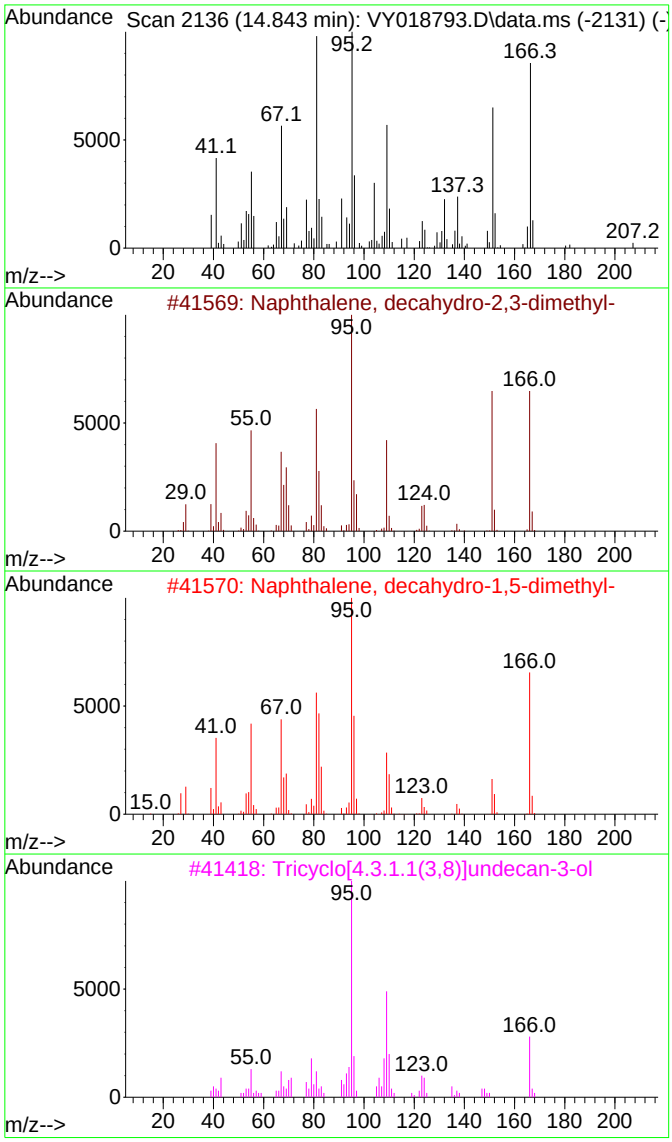
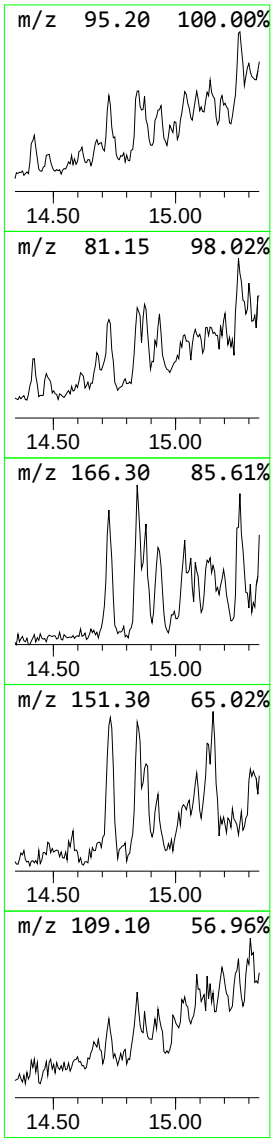
Peak Number 8 unknown14.843 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.843	17.09 ug/l	87705	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	49
2	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	46
3	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	42
4	4H-Pyran-4-one, 3-acetyl-2,6-dim...	166	C9H10O3	007521-38-2	38
5	Bis(2,4-dimethylamino)pyrimidine	166	C8H14N4	001076-94-4	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018793.D
Acq On : 12 Jul 2024 13:25
Operator : SY/MD
Sample : P3184-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

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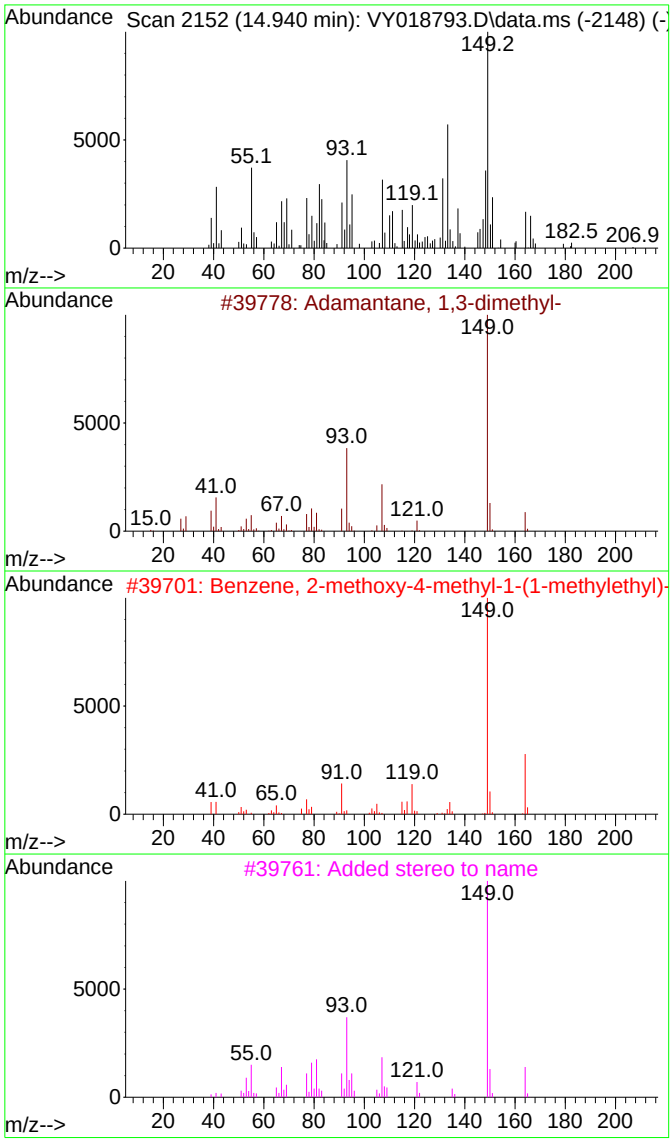
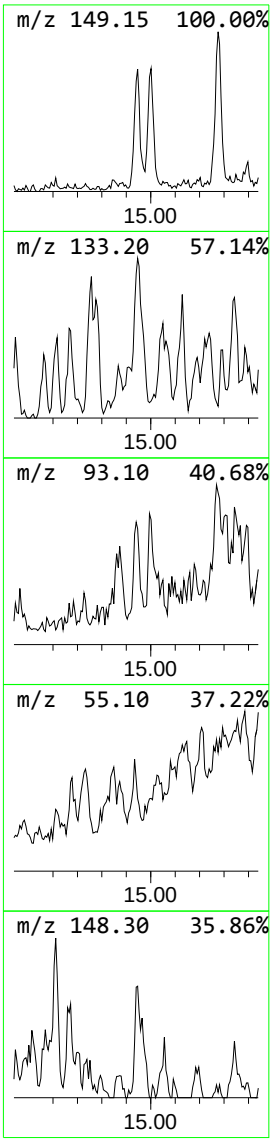
Peak Number 9 unknown14.940 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	14.78 ug/l	75820	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	43
2	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	38
3	Added stereo to name	164	C12H20	024145-89-9	38
4	Benzene, 1-methoxy-4-methyl-2-(1...	164	C11H16O	031574-44-4	38
5	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018793.D
Acq On : 12 Jul 2024 13:25
Operator : SY/MD
Sample : P3184-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

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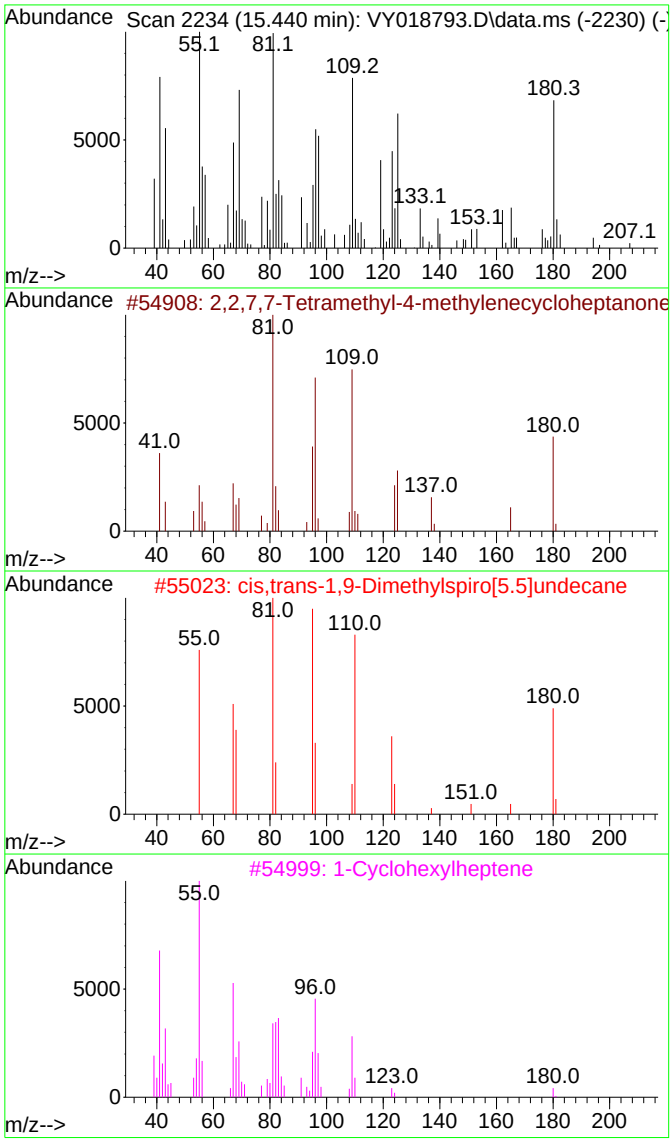
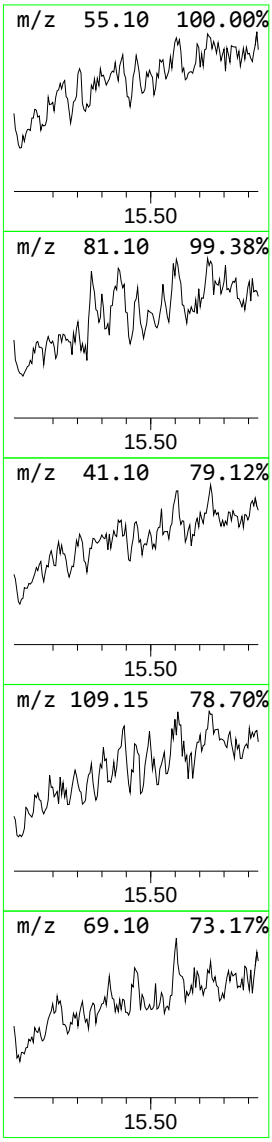
Peak Number 10 unknown15.440 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.440	15.31 ug/l	78539	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyl-4-methylenec...	180	C12H20O	1000424-29-1	49
2	cis,trans-1,9-Dimethylspiro[5.5]...	180	C13H24	1000111-73-3	38
3	1-Cyclohexylheptene	180	C13H24	114614-83-4	38
4	Undec-10-ynoic acid, tetradecyl ...	378	C25H46O2	1000406-16-7	38
5	3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018793.D
Acq On : 12 Jul 2024 13:25
Operator : SY/MD
Sample : P3184-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP(00187-00189-00186)RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2,2,3,3...	8.319	15.0	ug/l	95092	2	8.685	316691	50.0
.alpha.-Methyls...	12.983	59.0	ug/l	302587	4	13.422	256552	50.0
Naphthalene, de...	13.751	15.6	ug/l	79769	4	13.422	256552	50.0
4'-Methylpropio...	14.075	16.1	ug/l	82352	4	13.422	256552	50.0
Cyclohexanone, ...	14.257	13.4	ug/l	68550	4	13.422	256552	50.0
Benzene, 2-ethy...	14.672	25.5	ug/l	130690	4	13.422	256552	50.0
Naphthalene, de...	14.727	18.5	ug/l	94733	4	13.422	256552	50.0
unknown14.843	14.843	17.1	ug/l	87705	4	13.422	256552	50.0
unknown14.940	14.940	14.8	ug/l	75820	4	13.422	256552	50.0
unknown15.440	15.440	15.3	ug/l	78539	4	13.422	256552	50.0