LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078441.D
Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

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_D\Method\82D021324S.M
Title : SW846 8260

Signal : TIC: VD078441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	20	26	38	rVB	207260	355939	28.33%	2.890%
2	4.805	538	547	556	rBV5	6662	20133	1.60%	0.163%
3	7.804	1047	1057	1063	rBV2	113629	273778	21.79%	2.223%
4	7.875	1063	1069	1086	rVB	182070	413110	32.88%	3.354%
5	8.228	1119	1129	1140	rBV3	80799	182649	14.54%	1.483%
6	8.775	1213	1222	1235	rBV	292082	599957	47.75%	4.871%
7	9.834	1397	1402	1410	rBV5	6126	13503	1.07%	0.110%
8	10.269	1468	1476	1483	rBV	494326	889687	70.81%	7.224%
9	10.334	1483	1487	1496	rVB	28119	47540	3.78%	0.386%
10	10.663	1538	1543	1547	rBV3	8227	15318	1.22%	0.124%
11	11.028	1600	1605	1609	rBV3	9732	13086	1.04%	0.106%
12	11.581	1691	1699	1707	rBV	523074	893713	71.13%	7.256%
13	11.798	1731	1736	1746	rVB10	11291	25290	2.01%	0.205%
14	12.122	1787	1791	1798	rVB2	20713	36422	2.90%	0.296%
15	12.428	1837	1843	1846	rBV7	6570	13336	1.06%	0.108%
16	12.575	1861	1868	1879	rVB	423147	719636	57.28%	5.843%
17	12.822	1905	1910	1913	rBV2	15564	27979	2.23%	0.227%
18	12.857	1913	1916	1919	rVV	25495	42980	3.42%	0.349%
19	12.898	1919	1923	1929	rVV2	79287	140220	11.16%	1.138%
20	13.063	1943	1951	1958	rBV	46669	88648	7.06%	0.720%
21	13.134	1958	1963	1968	rVB3	22223	35917	2.86%	0.292%
22	13.210	1970	1976	1980	rVV4	11386	21583	1.72%	0.175%
23	13.404	2003	2009	2014	rBV5	40952	81605	6.50%	0.663%
24	13.516	2021	2028	2038	rVB2	588191	1065040	84.77%	8.647%
25	13.716	2047	2062	2065	rBV2	114920	230910	18.38%	1.875%
26	13.757	2065	2069	2078	rVB2	87358	168593	13.42%	1.369%
27	13.839	2078	2083	2088	rBV2	98224	160665	12.79%	1.304%
28	13.910	2091	2095	2102	rVB	46031	74081	5.90%	0.601%
29	13.975	2102	2106	2108	rBV2	26252	35247	2.81%	0.286%
30	14.004	2108	2111	2116	rVB	46443	63140	5.03%	0.513%
31	14.063	2116	2121	2125	rVB	84946	124764	9.93%	1.013%
32	14.122	2125	2131	2134	rBV4	17401	27768	2.21%	0.225%
33	14.169	2134	2139	2144	rVB	113004	184285	14.67%	1.496%
34	14.228	2144	2149	2150	rBV3	15393	21971	1.75%	0.178%
35	14.298	2156	2161	2165	rBV3	38138	71655	5.70%	0.582%
36	14.351	2165	2170	2173	rVV6	46518	88099	7.01%	0.715%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078441.D
Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

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_D\Method\82D021324S.M
Title : SW846 8260

37	14.386	2173	2176	2179	rVV	45730	70665	5.62%	0.574%
38	14.422	2179	2182	2186	rVB	76587	102125	8.13%	0.829%
39	14.469	2186	2190	2193	rBV2	50716	61414	4.89%	0.499%
40	14.510	2193	2197	2201	rVB3	41526	59653	4.75%	0.484%
41	14.575	2204	2208	2209	rBV4	17952	24343	1.94%	0.198%
42	14.610	2209	2214	2217	rVB2	43706	68558	5.46%	0.557%
43	14.657	2217	2222	2225	rBV	83223	142072	11.31%	1.154%
44	14.698	2225	2229	2234	rVB2	110932	171502	13.65%	1.392%
45	14.775	2234	2242	2247	rBV4	216321	502522	40.00%	4.080%
46	14.822	2247	2250	2257	rVB3	53110	94840	7.55%	0.770%
47	14.922	2261	2267	2274	rBV	155353	253243	20.16%	2.056%
48	14.998	2276	2280	2281	rBV3	23090	26638	2.12%	0.216%
49	15.033	2281	2286	2290	rBV3	66270	112744	8.97%	0.915%
50	15.145	2298	2305	2314	rVB4	96074	219387	17.46%	1.781%
51	15.298	2326	2331	2341	rBV8	39476	105337	8.38%	0.855%
52	15.386	2341	2346	2351	rBV2	80517	138771	11.05%	1.127%
53	15.439	2351	2355	2358	rBV3	58259	94979	7.56%	0.771%
54	15.528	2367	2370	2377	rVB4	64113	108634	8.65%	0.882%
55	15.622	2380	2386	2394	rVV4	69002	152719	12.16%	1.240%
56	15.698	2394	2399	2404	rVV7	18843	36497	2.90%	0.296%
57	15.792	2406	2415	2416	rVV4	51583	105842	8.42%	0.859%
58	15.828	2416	2421	2430	rVV	176532	351760	28.00%	2.856%
59	15.916	2431	2436	2441	rVV6	22629	50491	4.02%	0.410%
60	15.992	2442	2449	2462	rVB5	48294	145686	11.60%	1.183%
61	16.139	2467	2474	2479	rVV	96484	206355	16.42%	1.675%
62	16.180	2479	2481	2490	rVB8	27084	52895	4.21%	0.429%
63	16.333	2498	2507	2513	rBV4	80175	202678	16.13%	1.646%
64	16.439	2513	2525	2534	rVB2	612717	1256403	100.00%	10.201%
65	16.610	2546	2554	2558	rBV10	26740	73992	5.89%	0.601%
66	16.745	2571	2577	2584	rVB7	23121	55260	4.40%	0.449%

Sum of corrected areas: 12316252

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
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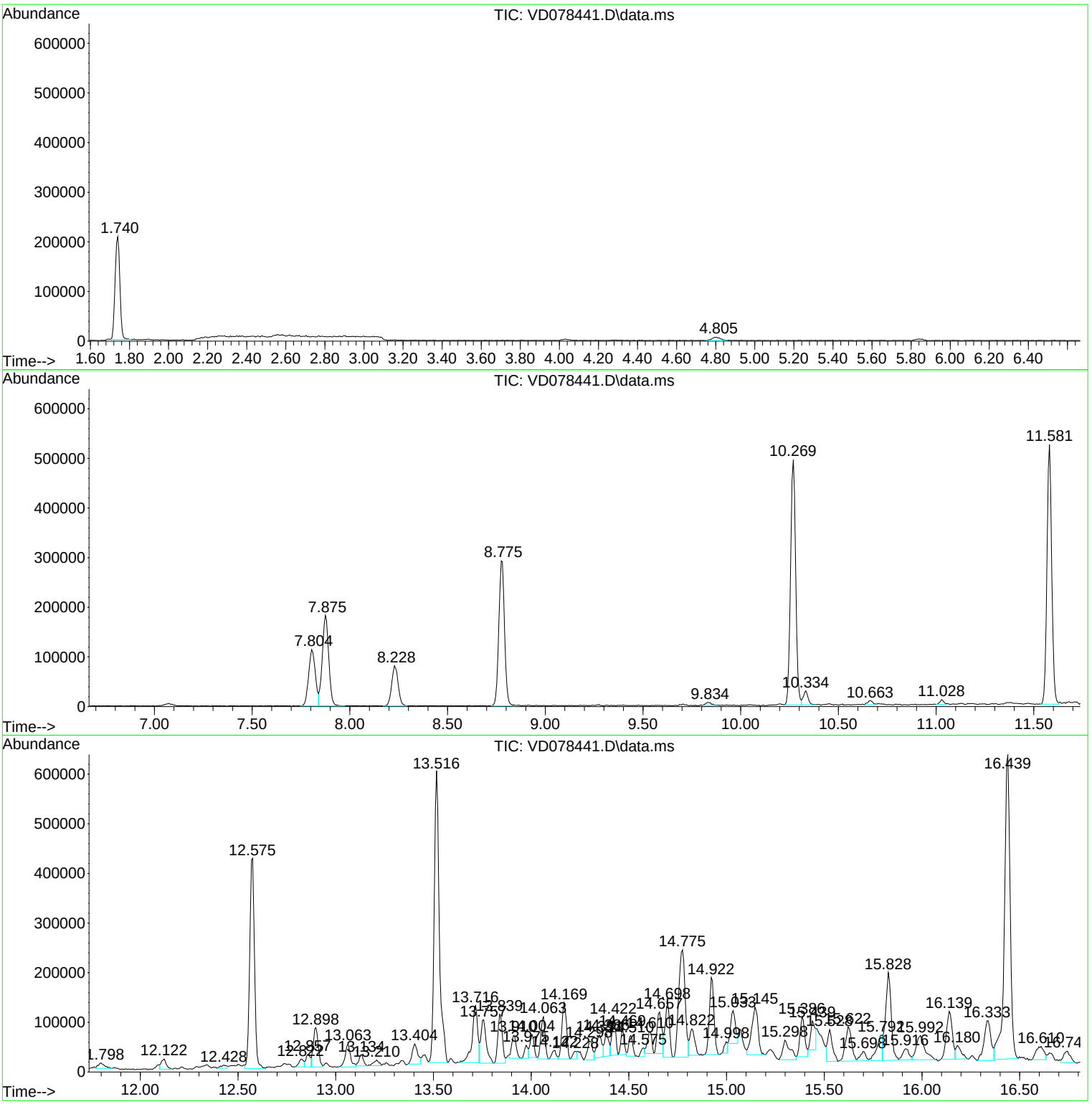
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078441.D
Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260

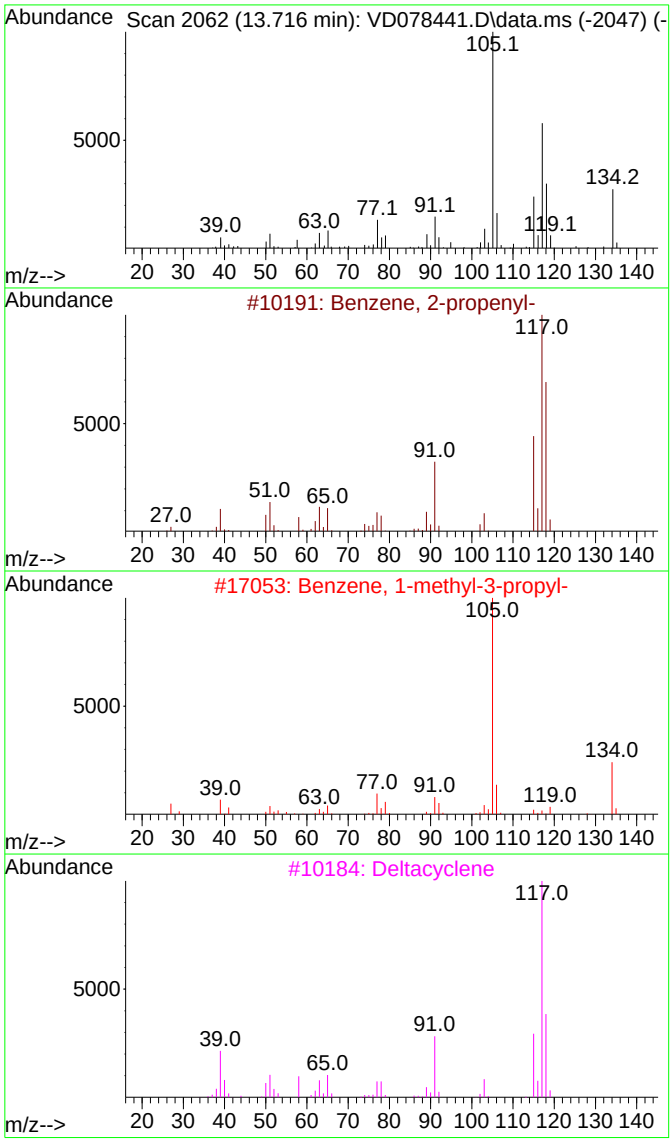
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

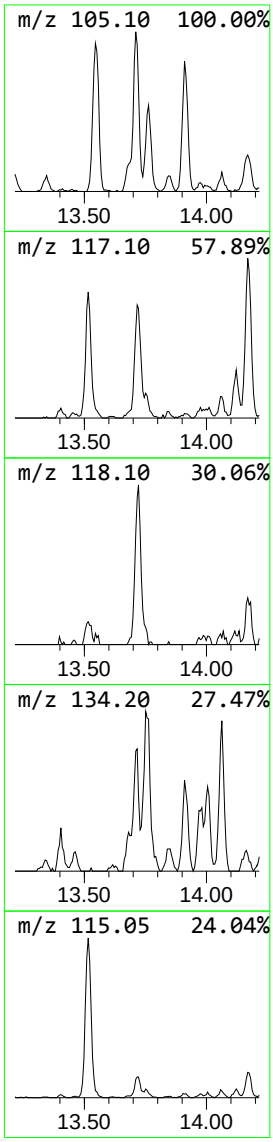
****

Peak Number 2 unknown13.716 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	10.84 ug/l	230910	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
3	Deltacyclene	118	C9H10	007785-10-6	45
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	45
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078441.D
Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

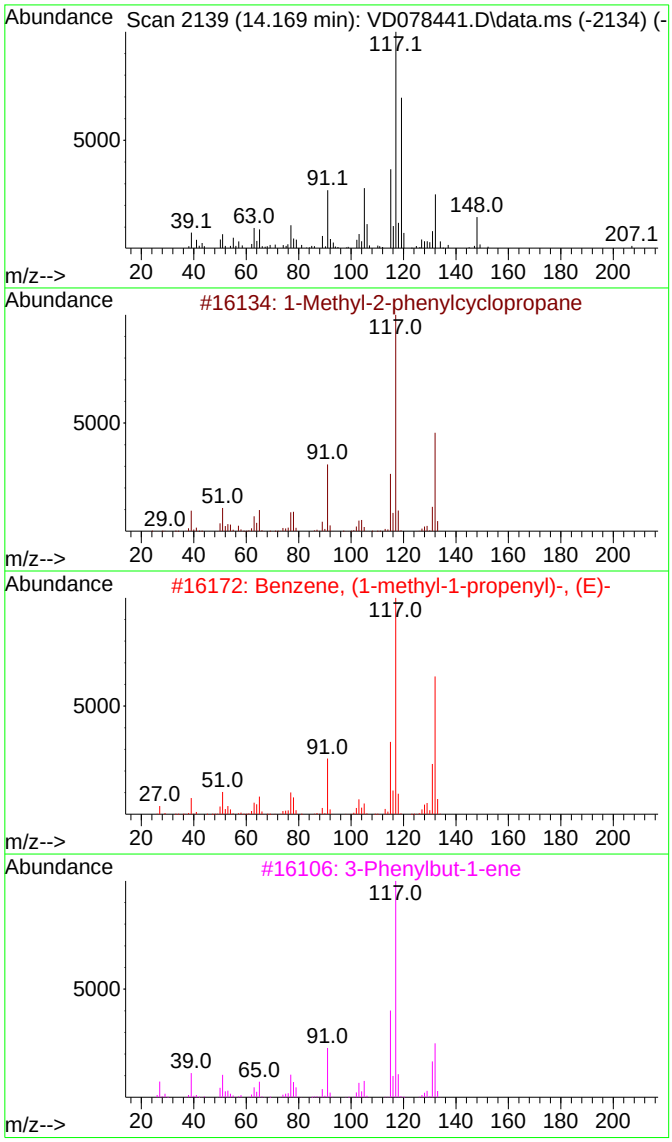
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260

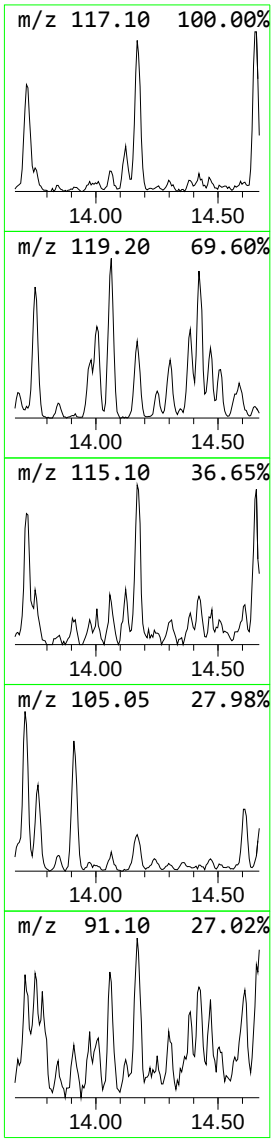
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Methyl-2-phenylcyclopropane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	8.65 ug/l	184285	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	58
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	58
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078441.D
Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

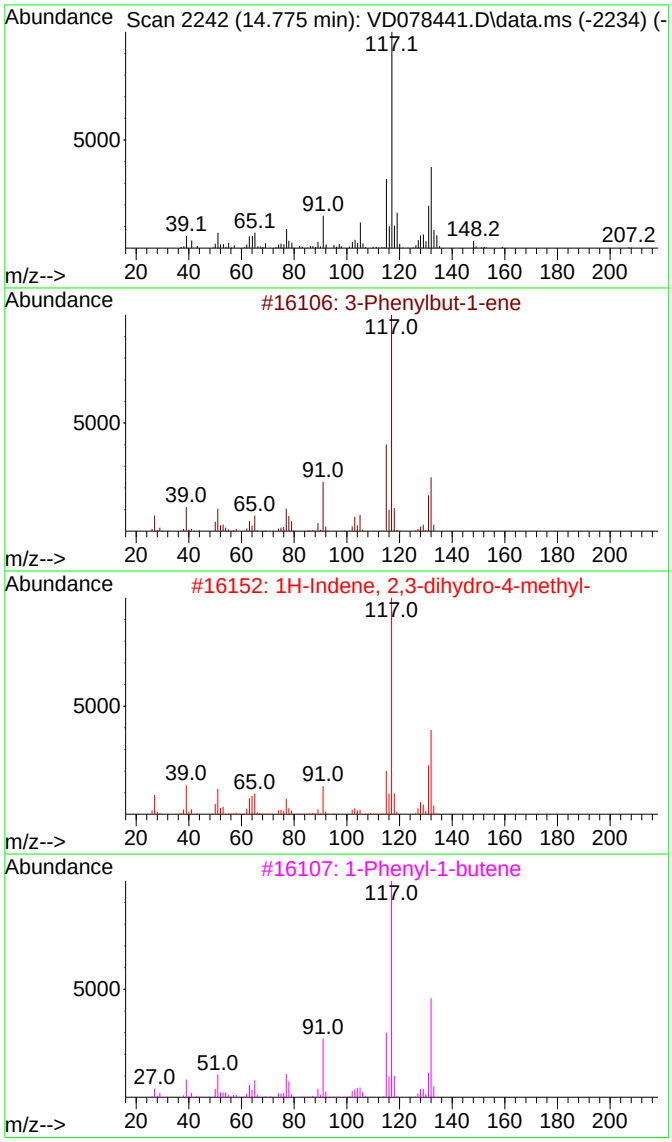
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260

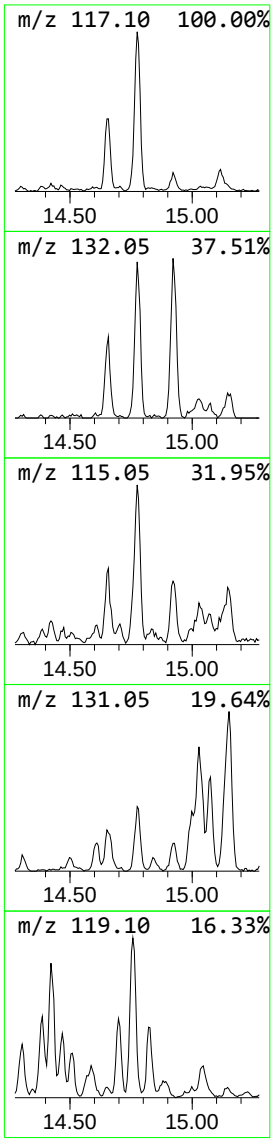
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.775	23.59 ug/l	502522	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078441.D
Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

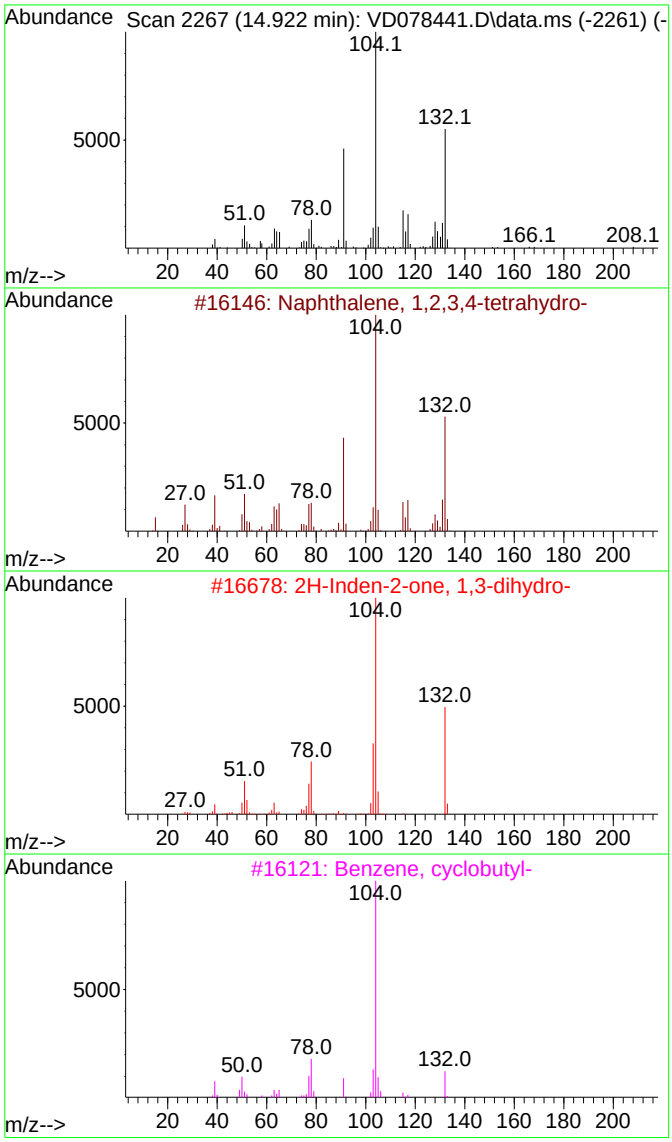
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260

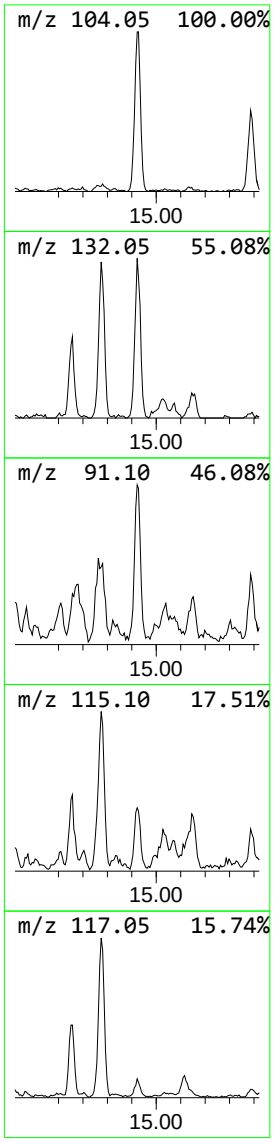
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	11.89 ug/l	253243	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	62
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	50
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	43
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078441.D
Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

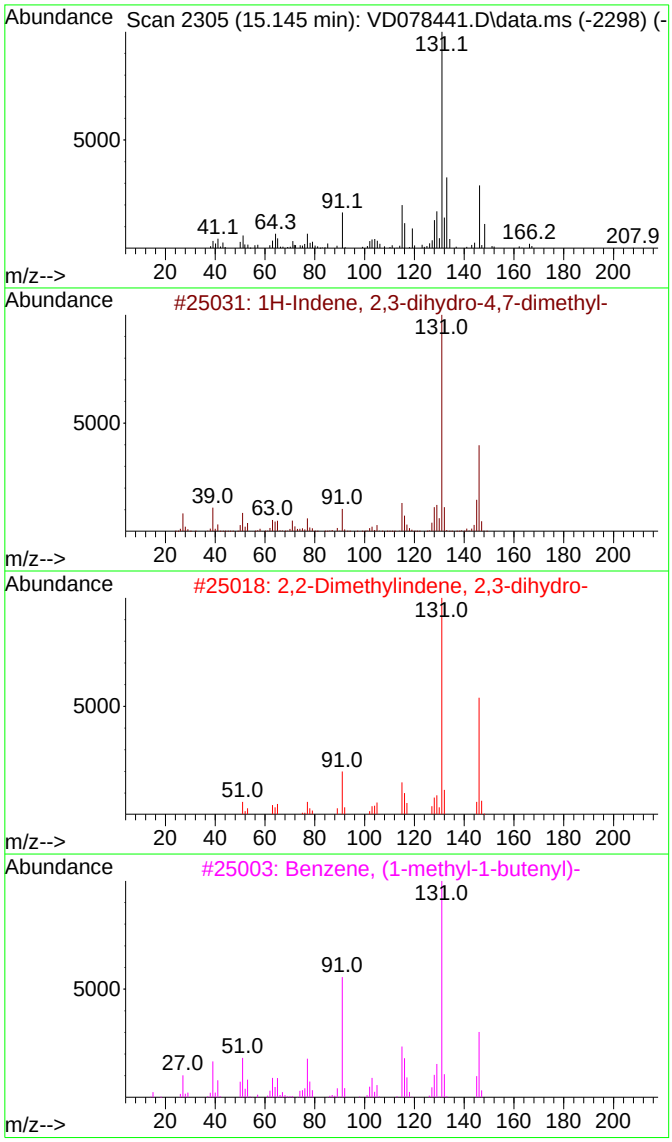
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260

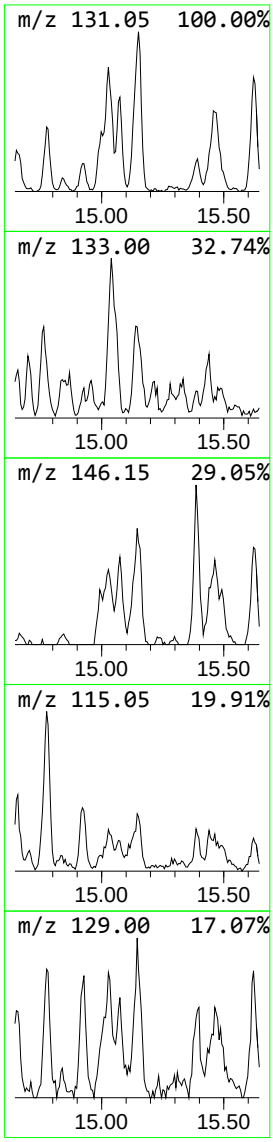
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	10.30 ug/l	219387	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	81
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
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Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

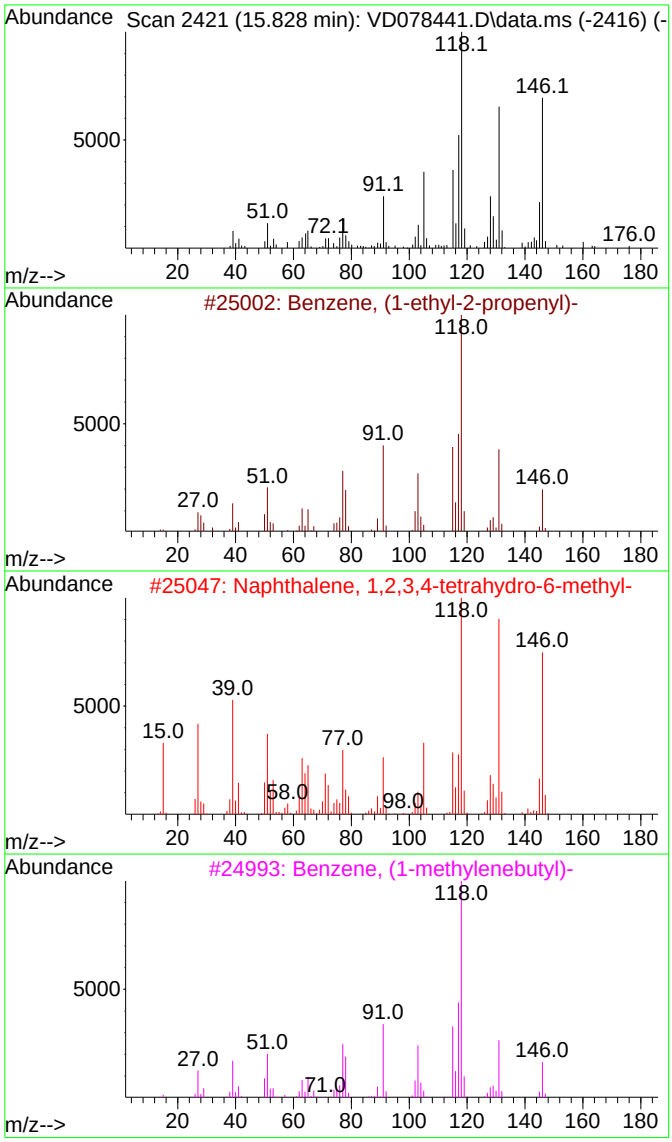
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260

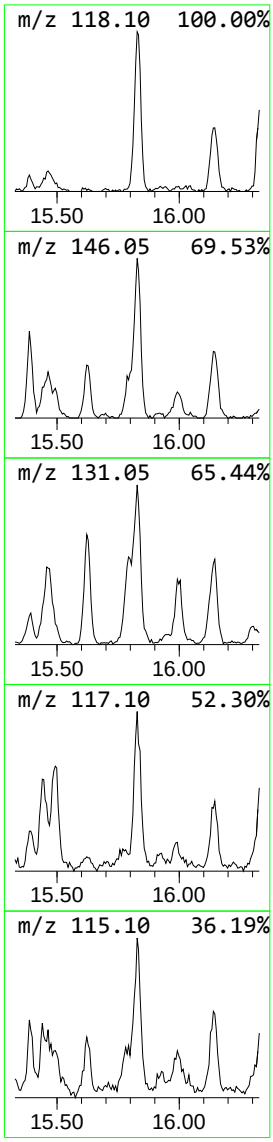
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.828	16.51 ug/l	351760	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
3	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	80
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078441.D
Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

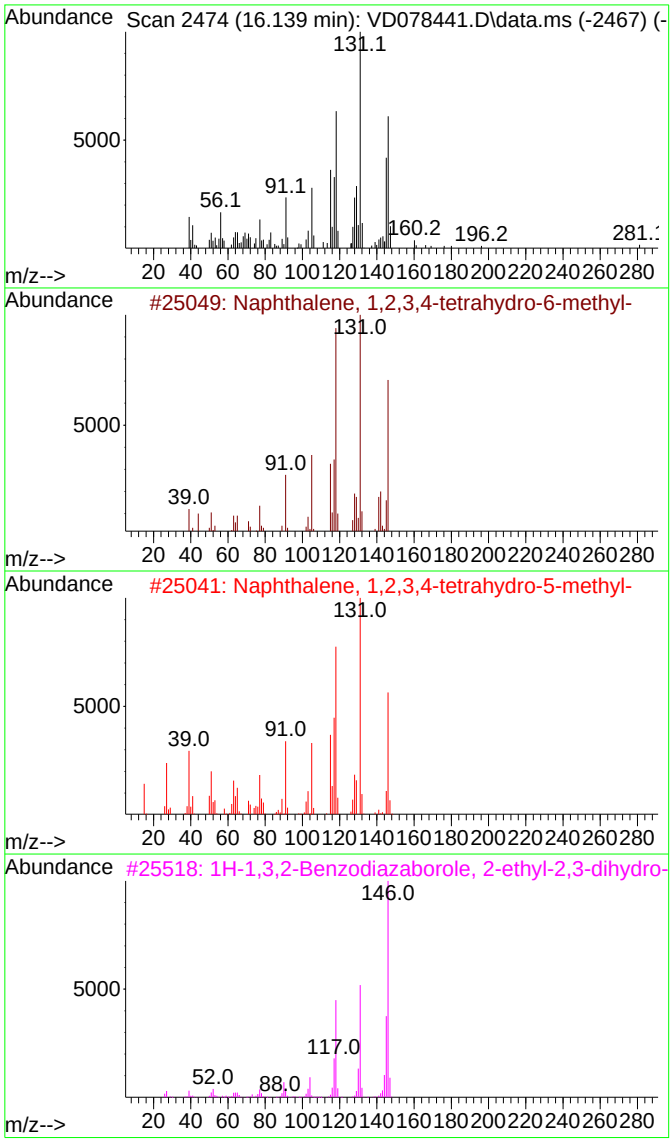
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260

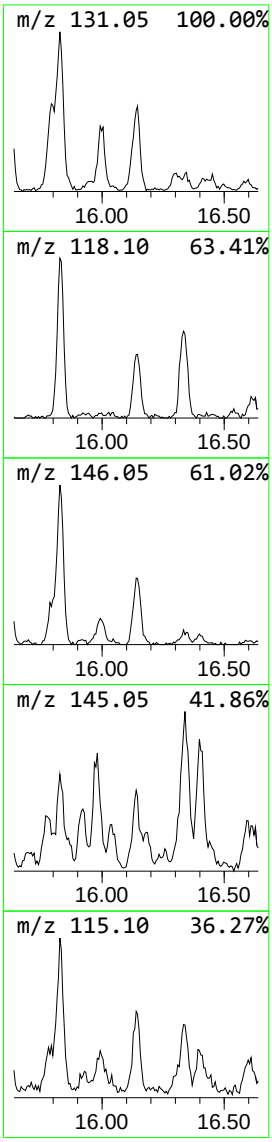
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	9.69 ug/l	206355	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53





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Data File : VD078441.D
Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

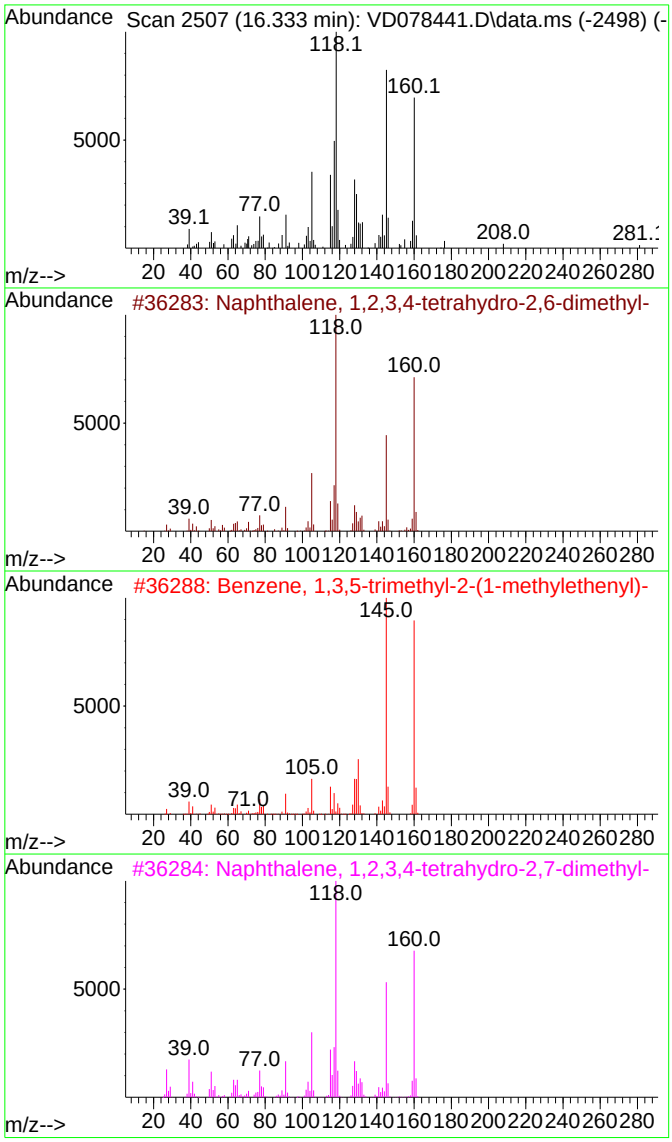
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260

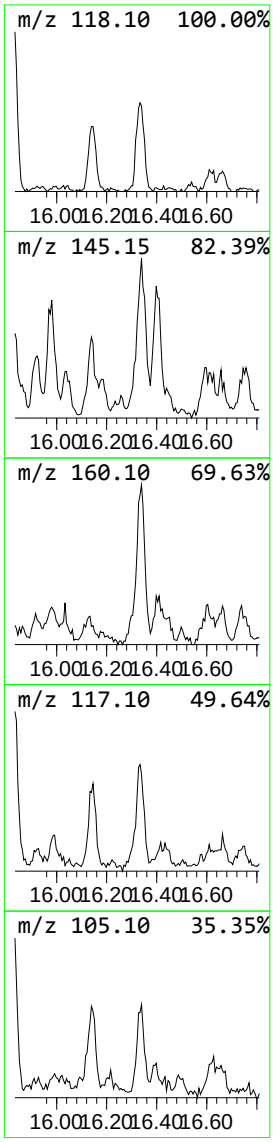
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.333	9.52 ug/l	202678	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	74
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	52
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	52
5	4-Chloro-3-fluoroanisole	160	C7H6ClFO	000501-29-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078441.D
Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

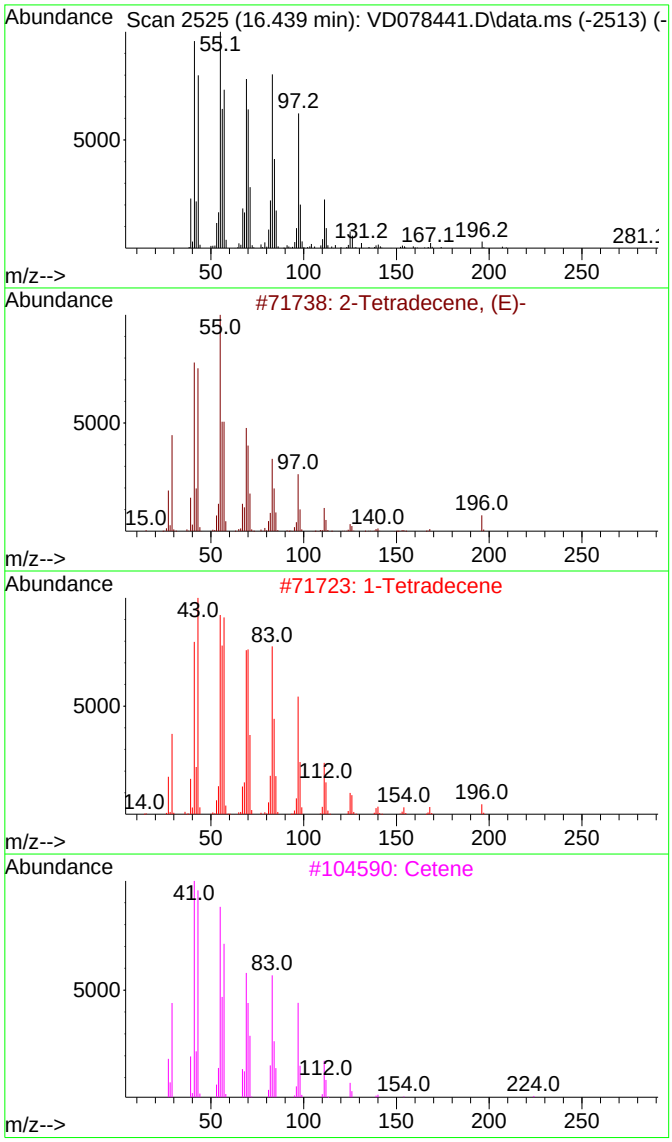
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260

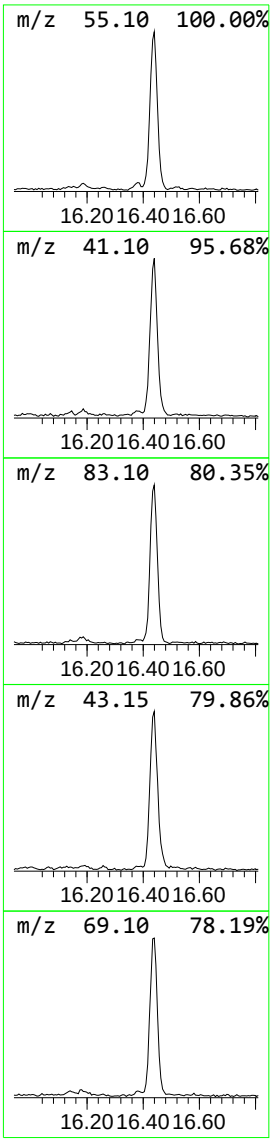
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Tetradecene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.439	58.98 ug/l	1256400	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	97
2	1-Tetradecene	196	C14H28	001120-36-1	94
3	Cetene	224	C16H32	000629-73-2	91
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078441.D
Acq On : 15 Feb 2024 17:41
Operator : RP/MD
Sample : P1472-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-021424

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.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
unknown13.716	13.716	10.8	ug/l	230910	4	13.516	1065040	50.0
1-Methyl-2-phen...	14.169	8.7	ug/l	184285	4	13.516	1065040	50.0
3-Phenylbut-1-ene	14.775	23.6	ug/l	502522	4	13.516	1065040	50.0
Naphthalene, 1,...	14.922	11.9	ug/l	253243	4	13.516	1065040	50.0
1H-Indene, 2,3-...	15.145	10.3	ug/l	219387	4	13.516	1065040	50.0
Benzene, (1-eth...	15.828	16.5	ug/l	351760	4	13.516	1065040	50.0
Naphthalene, 1,...	16.139	9.7	ug/l	206355	4	13.516	1065040	50.0
Naphthalene, 1,...	16.333	9.5	ug/l	202678	4	13.516	1065040	50.0
2-Tetradecene, ...	16.439	59.0	ug/l	1256400	4	13.516	1065040	50.0