LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
Data File : VU049598.D
Acq On : 01 Jul 2022 21:42
Operator : SY/MD
Sample : N3564-34 10X
Misc : 5.64g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3-GR

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_U\Method\82U062722W.M
Title : SW846 8260

Signal : TIC: VU049598.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.829	131	152	154	rBV	9933	23517	1.61%	0.239%
2	3.182	557	573	594	rBV	21889	52052	3.57%	0.528%
3	4.636	1008	1025	1044	rBV2	9938	32125	2.20%	0.326%
4	5.288	1212	1228	1241	rBV2	221950	473002	32.41%	4.800%
5	5.369	1241	1253	1275	rVB	387086	787990	53.99%	7.997%
6	5.700	1341	1356	1376	rBV	244396	493529	33.82%	5.009%
7	6.247	1507	1526	1548	rBV	569333	1066160	73.05%	10.820%
8	6.758	1673	1685	1701	rVB3	7902	16093	1.10%	0.163%
9	7.896	2013	2039	2058	rBV	844673	1459409	100.00%	14.811%
10	9.333	2475	2486	2498	rBV3	9021	15381	1.05%	0.156%
11	9.417	2498	2512	2529	rBV	778555	1255613	86.04%	12.743%
12	9.664	2572	2589	2596	rBV	6530	17312	1.19%	0.176%
13	9.716	2596	2605	2612	rVV5	9661	17582	1.20%	0.178%
14	10.025	2690	2701	2712	rBV9	11216	27095	1.86%	0.275%
15	10.250	2754	2771	2785	rBV6	23812	54716	3.75%	0.555%
16	10.359	2796	2805	2810	rBV4	13630	23624	1.62%	0.240%
17	10.391	2811	2815	2827	rVB2	19111	28953	1.98%	0.294%
18	10.555	2852	2866	2875	rBV9	10395	24383	1.67%	0.247%
19	10.632	2875	2890	2904	rBV	607430	961198	65.86%	9.755%
20	10.809	2938	2945	2957	rVB8	15597	28510	1.95%	0.289%
21	11.063	3017	3024	3037	rBV6	15053	32584	2.23%	0.331%
22	11.127	3039	3044	3054	rVB9	12488	21680	1.49%	0.220%
23	11.307	3088	3100	3113	rVB9	11910	25395	1.74%	0.258%
24	11.417	3127	3134	3141	rVV2	33597	49580	3.40%	0.503%
25	11.468	3142	3150	3174	rVB4	24532	63032	4.32%	0.640%
26	11.642	3198	3204	3216	rVB8	18774	31037	2.13%	0.315%
27	11.713	3216	3226	3233	rBV3	23193	38797	2.66%	0.394%
28	11.812	3246	3257	3271	rBV	762225	1207431	82.73%	12.254%
29	12.098	3336	3346	3357	rBV4	17134	33514	2.30%	0.340%
30	12.188	3364	3374	3389	rBV7	29627	68010	4.66%	0.690%
31	12.385	3430	3435	3449	rVB10	16812	34038	2.33%	0.345%
32	12.497	3455	3470	3475	rBV8	17616	44659	3.06%	0.453%
33	12.674	3516	3525	3534	rBV7	18928	43973	3.01%	0.446%
34	12.928	3597	3604	3613	rBV4	26342	56458	3.87%	0.573%
35	13.028	3628	3635	3638	rBV	16966	22897	1.57%	0.232%
36	13.452	3758	3767	3782	rVB6	72284	151787	10.40%	1.540%

LSC Area Percent Report

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Title : SW846 8260

37	13.587	3803	3809	3815	rBV2	31256	40613	2.78%	0.412%
38	13.732	3848	3854	3862	rBV7	15688	23972	1.64%	0.243%
39	14.121	3970	3975	3984	rVB8	23322	35896	2.46%	0.364%
40	14.192	3991	3997	4010	rVB5	44088	73895	5.06%	0.750%
41	15.021	4248	4255	4266	rBV7	24190	48385	3.32%	0.491%
42	15.214	4306	4315	4326	rBV4	57587	120418	8.25%	1.222%
43	15.410	4370	4376	4387	rVB	62578	98777	6.77%	1.002%
44	16.146	4601	4605	4612	rVB3	24139	27286	1.87%	0.277%
45	16.262	4633	4641	4658	rVB	83846	150570	10.32%	1.528%
46	16.407	4678	4686	4692	rBV2	96517	149771	10.26%	1.520%
47	16.445	4693	4698	4716	rVB3	84146	151441	10.38%	1.537%
48	17.375	4983	4987	5013	rVB4	43386	85222	5.84%	0.865%
49	17.539	5033	5038	5050	rVB3	39814	64163	4.40%	0.651%

Sum of corrected areas: 9853525

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ClientSampleId :
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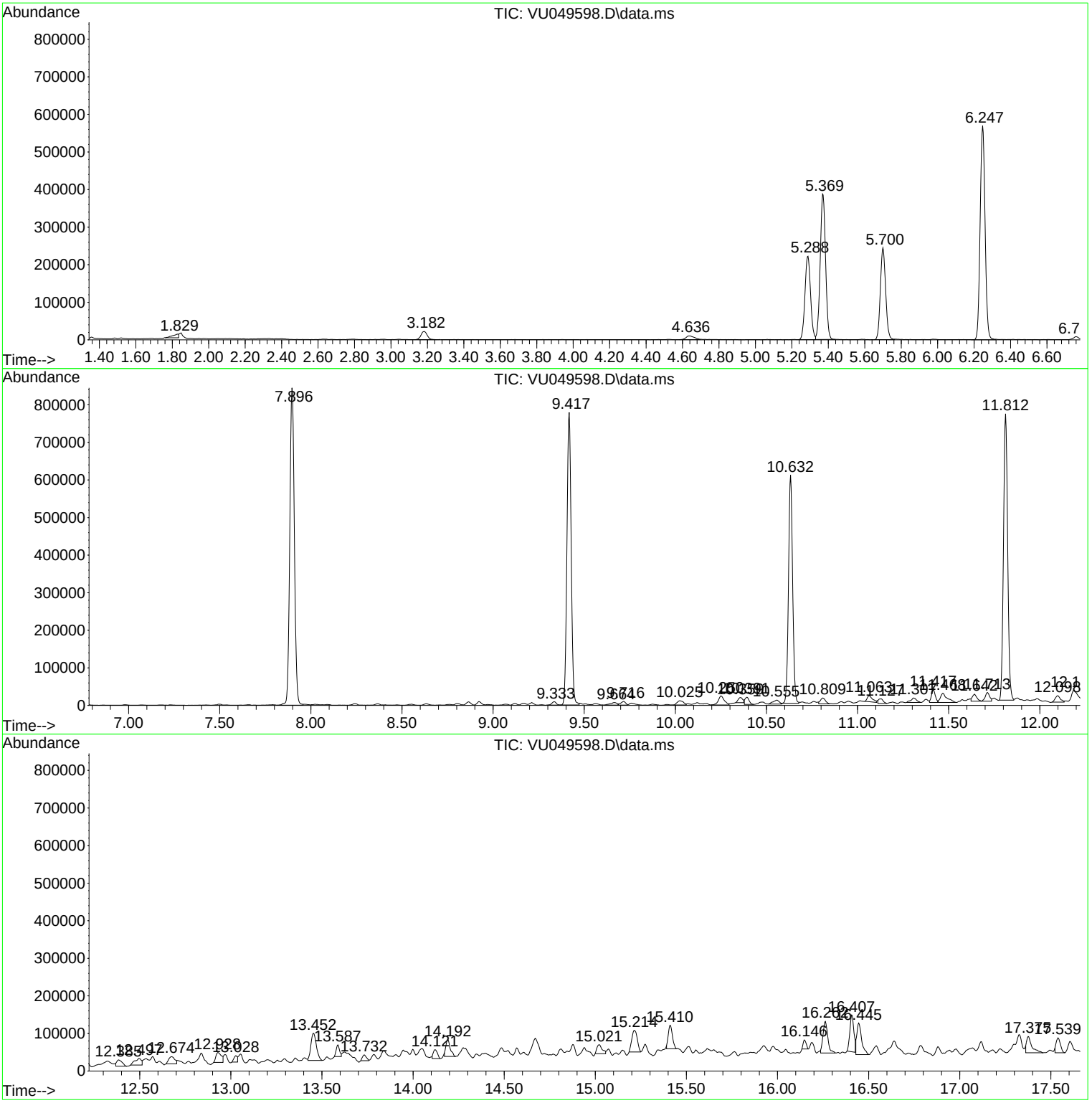
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

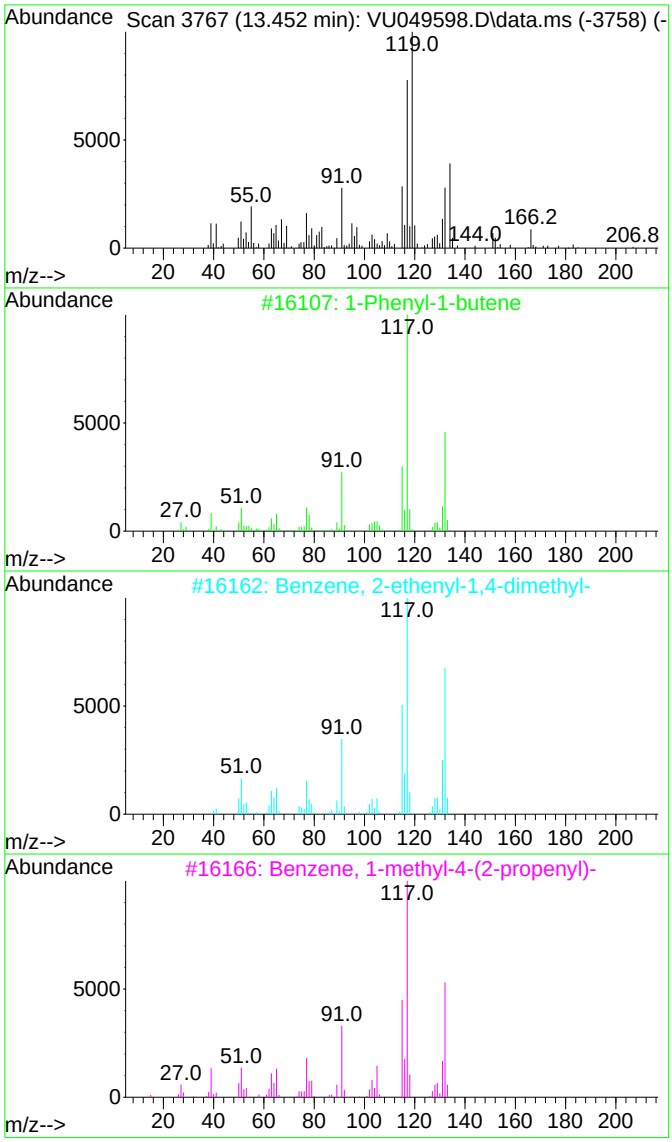
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

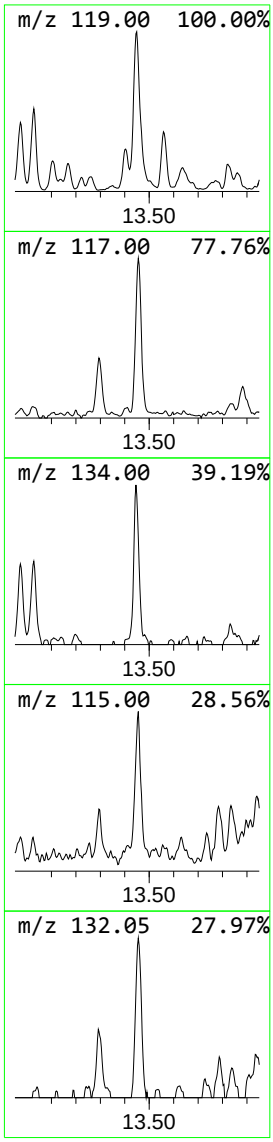
****

Peak Number 1 1-Phenyl-1-butene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	6.29 ug/l	151787	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50





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Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260

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

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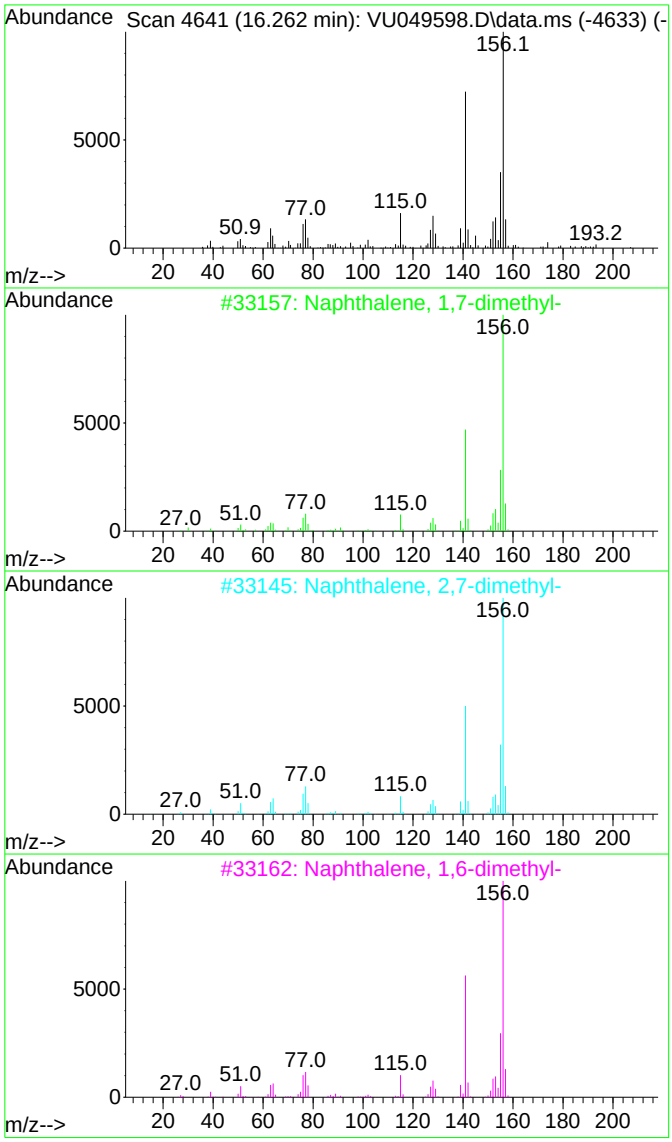
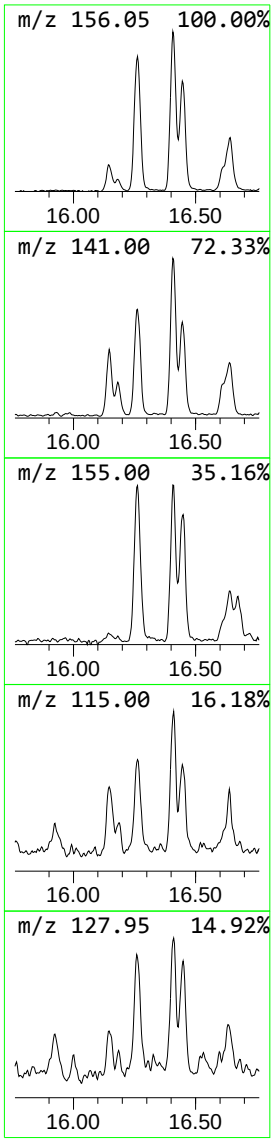
Peak Number 2 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.262	6.24 ug/l	150570	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260

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

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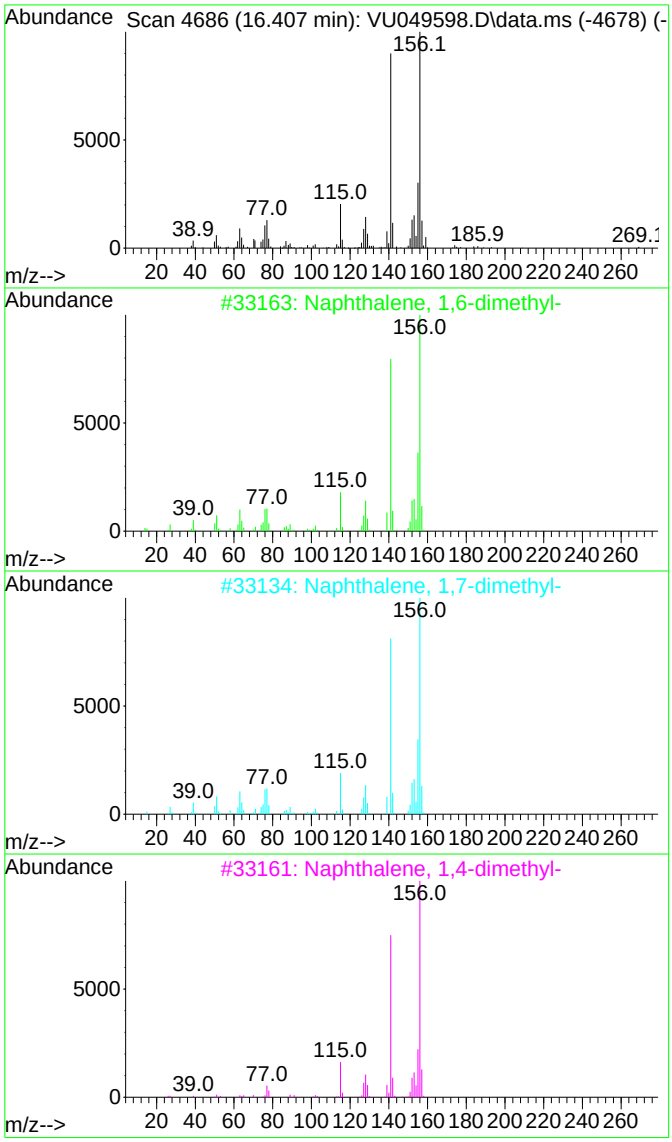
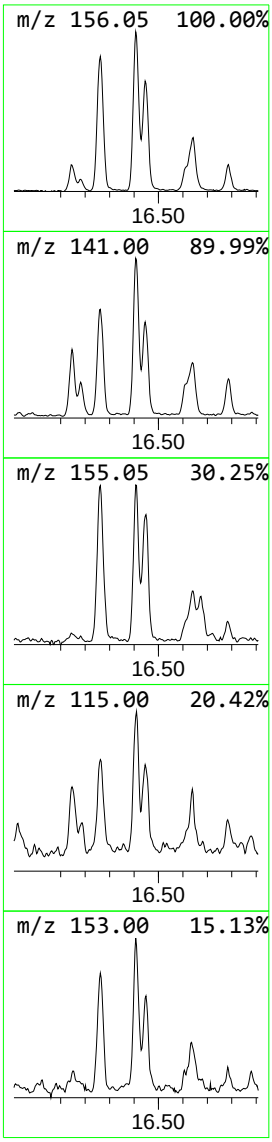
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.407	6.20 ug/l	149771	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260

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

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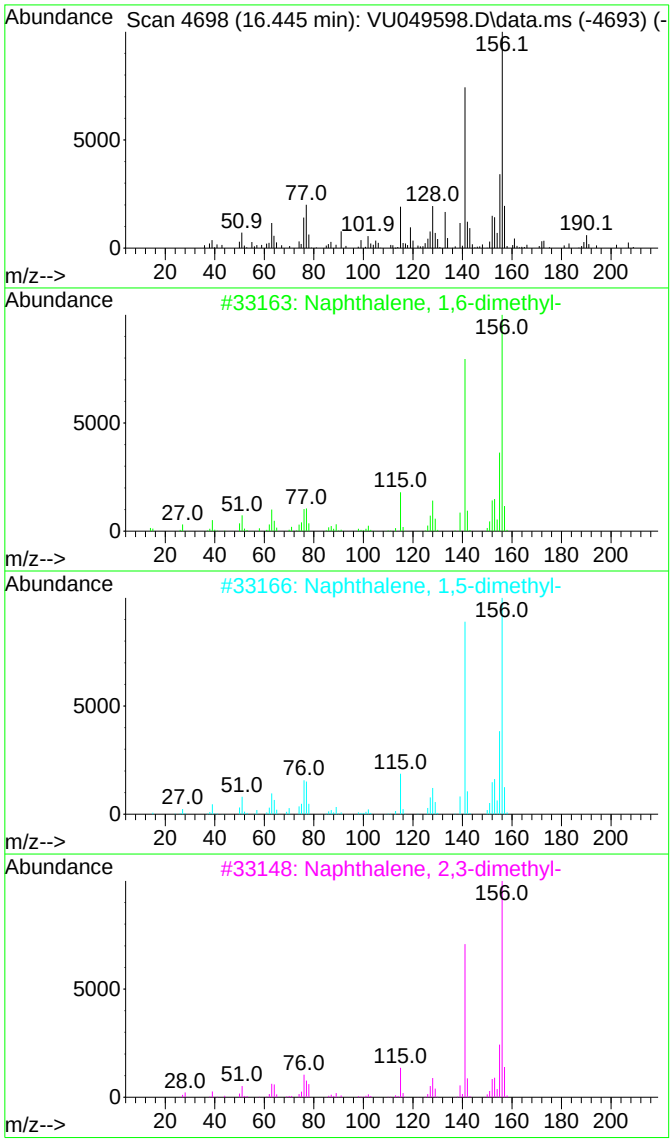
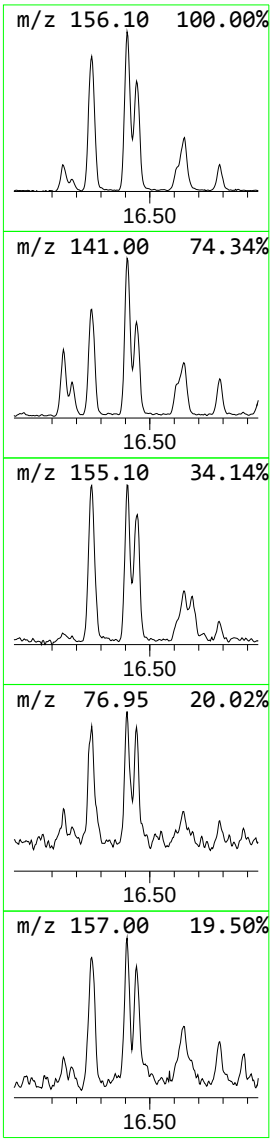
Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.445	6.27 ug/l	151441	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Phenyl-1-butene	13.452	6.3	ug/l	151787	4	11.812	1207430	50.0
Naphthalene, 1,...	16.262	6.2	ug/l	150570	4	11.812	1207430	50.0
Naphthalene, 1,...	16.407	6.2	ug/l	149771	4	11.812	1207430	50.0
Naphthalene, 1,...	16.445	6.3	ug/l	151441	4	11.812	1207430	50.0