LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
Data File : VX035044.D
Acq On : 12 Apr 2023 14:12
Operator : JC/MD
Sample : 02267-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33988

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_X\Method\82X032923W.M
Title : SW846 8260

Signal : TIC: VX035044.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.453	56	60	74	rVB	1244211	1471750	19.44%	4.361%
2	2.593	230	247	267	rBV	17555	96754	1.28%	0.287%
3	3.111	323	332	350	rVB	233276	534910	7.07%	1.585%
4	3.757	427	438	449	rBV	42863	115310	1.52%	0.342%
5	5.385	694	705	717	rBV2	160668	478553	6.32%	1.418%
6	5.550	722	732	751	rVB	287577	831112	10.98%	2.463%
7	5.952	789	798	804	rBV	189692	491399	6.49%	1.456%
8	6.037	804	812	830	rVB	1064359	2795695	36.93%	8.285%
9	6.763	921	931	945	rBV	450616	1090793	14.41%	3.232%
10	8.647	1233	1240	1246	rBV	919467	1477985	19.52%	4.380%
11	8.720	1246	1252	1272	rVB	4859010	7570162	100.00%	22.433%
12	10.055	1465	1471	1489	rVB	943950	1273543	16.82%	3.774%
13	10.195	1489	1494	1500	rBV	65745	88932	1.17%	0.264%
14	10.299	1504	1511	1527	rBV	2123055	2864009	37.83%	8.487%
15	10.640	1561	1567	1581	rBV	2790436	3628720	47.93%	10.753%
16	11.079	1632	1639	1650	rBV	774115	990021	13.08%	2.934%
17	11.378	1682	1688	1696	rBV	397140	733170	9.68%	2.173%
18	11.451	1696	1700	1711	rVB	292979	362235	4.79%	1.073%
19	11.610	1721	1726	1736	rBV	333567	436387	5.76%	1.293%
20	11.750	1740	1749	1755	rBV	289053	358043	4.73%	1.061%
21	12.024	1788	1794	1800	rBV	946420	1217839	16.09%	3.609%
22	12.085	1800	1804	1815	rVB	540272	670304	8.85%	1.986%
23	12.244	1823	1830	1838	rBV2	266585	387836	5.12%	1.149%
24	12.317	1838	1842	1850	rVB2	96235	134177	1.77%	0.398%
25	12.616	1886	1891	1894	rBV	106514	134502	1.78%	0.399%
26	12.701	1900	1905	1916	rBV2	74115	128721	1.70%	0.381%
27	12.920	1934	1941	1944	rVV	85459	106493	1.41%	0.316%
28	12.963	1944	1948	1954	rVB	115225	142590	1.88%	0.423%
29	13.292	1997	2002	2007	rVB2	254149	337412	4.46%	1.000%
30	13.420	2019	2023	2032	rVB	137125	177161	2.34%	0.525%
31	13.585	2046	2050	2055	rVV3	65095	121681	1.61%	0.361%
32	13.664	2056	2063	2069	rVB2	59323	126144	1.67%	0.374%
33	13.853	2088	2094	2100	rVB	80889	116446	1.54%	0.345%
34	13.926	2100	2106	2110	rBV2	98975	142365	1.88%	0.422%
35	14.073	2127	2130	2135	rVB	79208	94356	1.25%	0.280%
36	14.225	2148	2155	2163	rBV2	214400	403767	5.33%	1.197%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
Data File : VX035044.D
Acq On : 12 Apr 2023 14:12
Operator : JC/MD
Sample : 02267-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33988

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_X\Method\82X032923W.M
Title : SW846 8260

37	14.371	2175	2179	2184	rVB	109834	135505	1.79%	0.402%
38	14.481	2192	2197	2202	rBV2	210513	293119	3.87%	0.869%
39	14.615	2215	2219	2225	rBV3	140223	239020	3.16%	0.708%
40	14.670	2225	2228	2233	rVB	80919	109901	1.45%	0.326%
41	14.902	2262	2266	2272	rBV2	64173	105841	1.40%	0.314%
42	15.182	2307	2312	2320	rVB	172907	306185	4.04%	0.907%
43	15.481	2352	2361	2366	rBV4	94147	194117	2.56%	0.575%
44	15.615	2378	2383	2386	rVV3	79372	152629	2.02%	0.452%
45	15.652	2386	2389	2396	rVB2	42811	77976	1.03%	0.231%

Sum of corrected areas: 33745570

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MSVOA_X
ClientSampleId :
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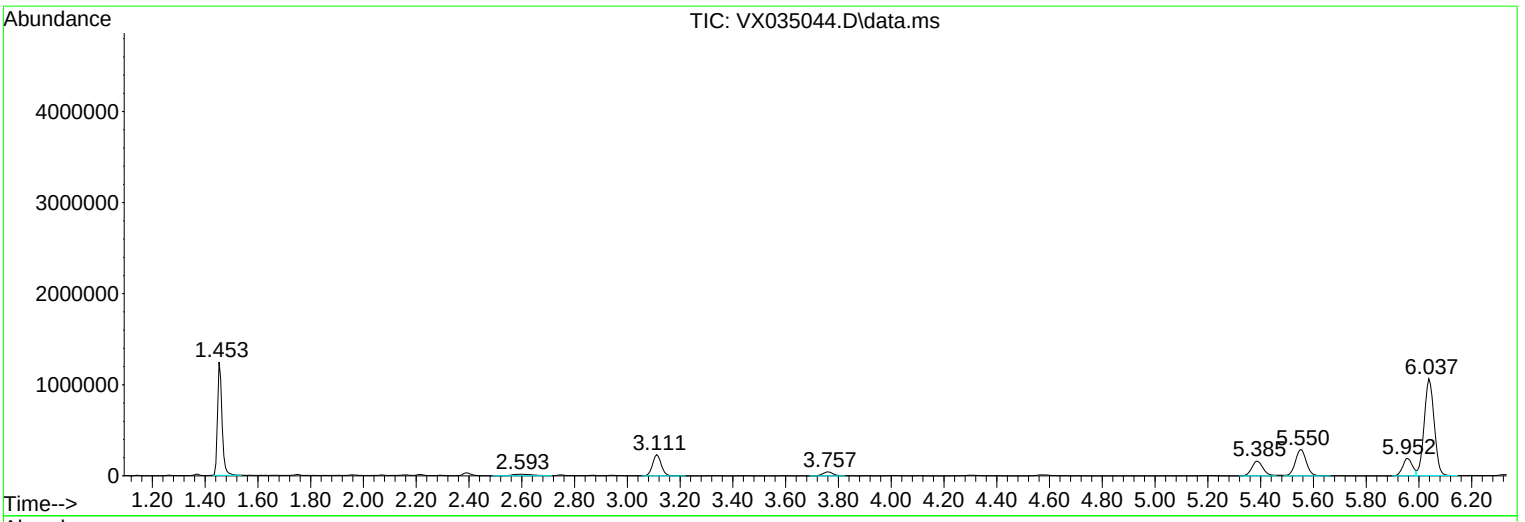
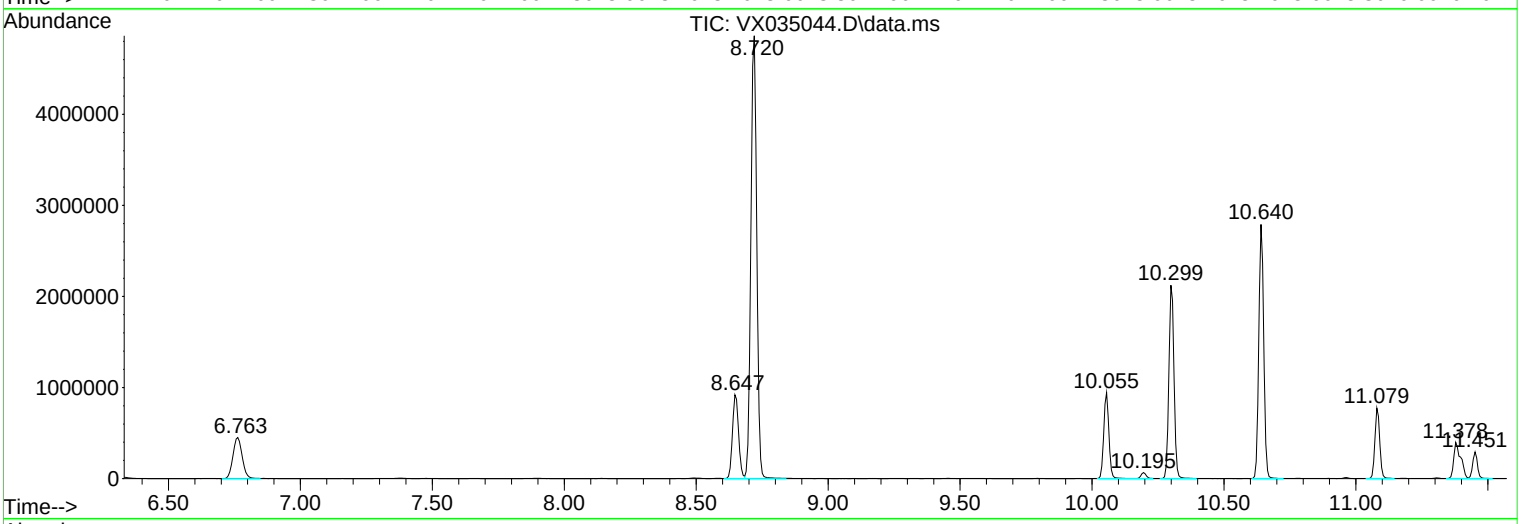
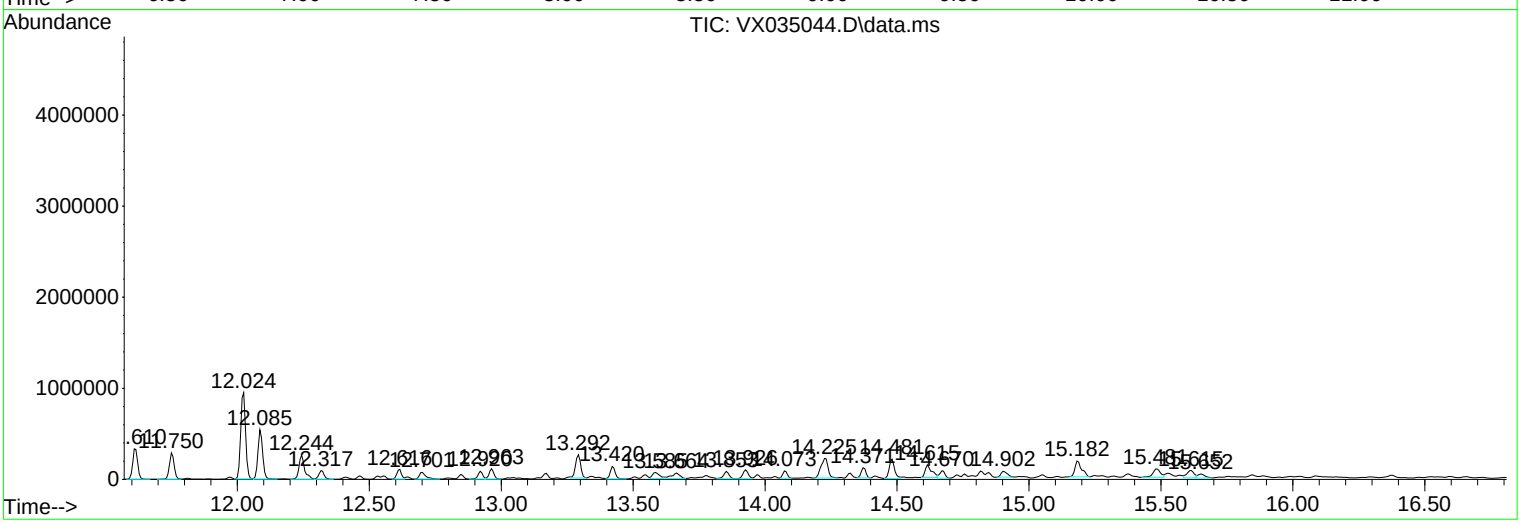
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260

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







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Data File : VX035044.D
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Operator : JC/MD
Sample : 02267-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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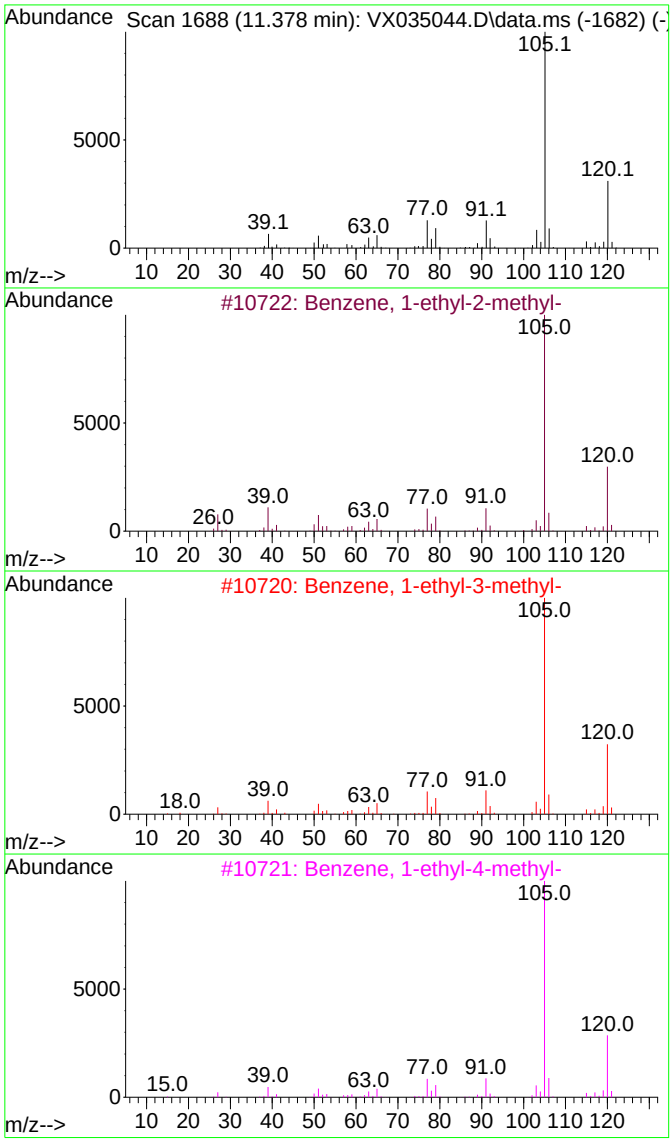
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260

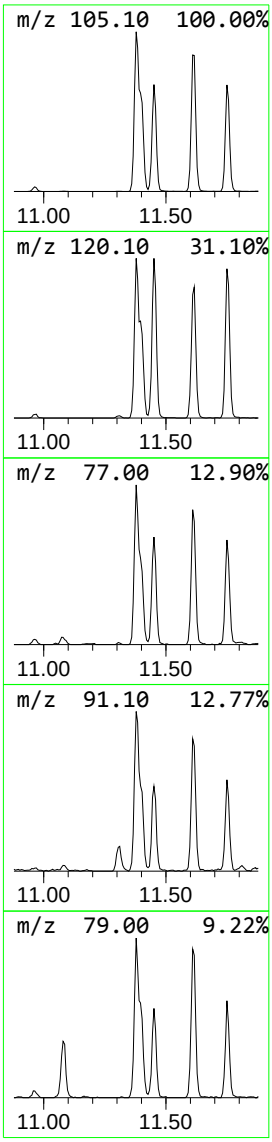
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	30.10 ug/l	733170	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Operator : JC/MD
Sample : 02267-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33988

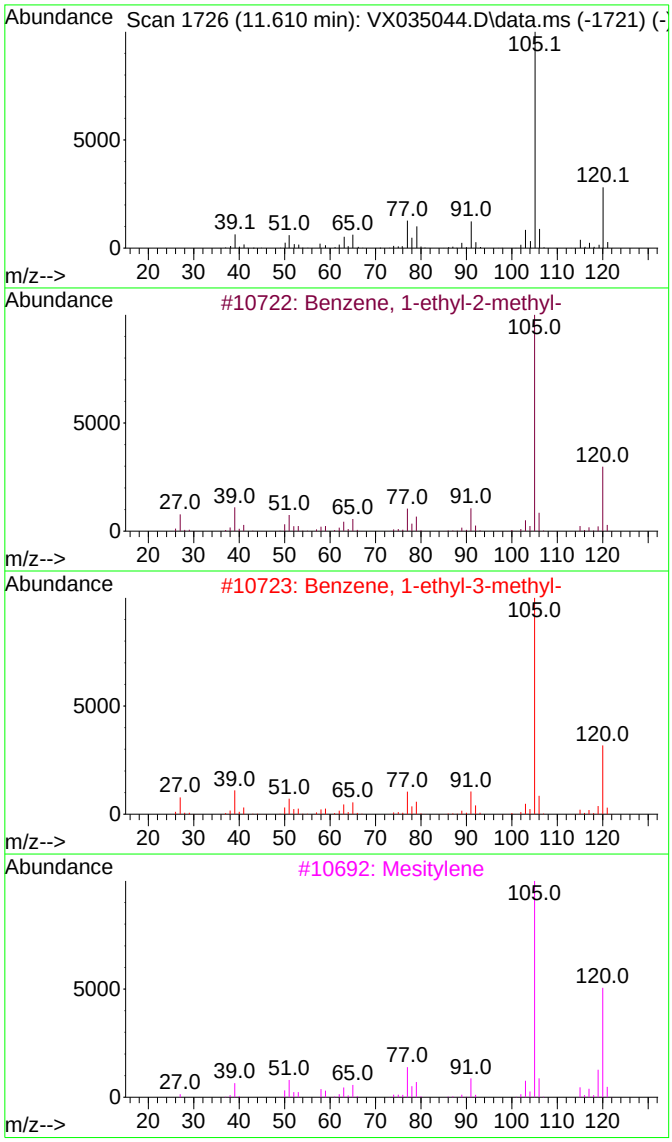
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260

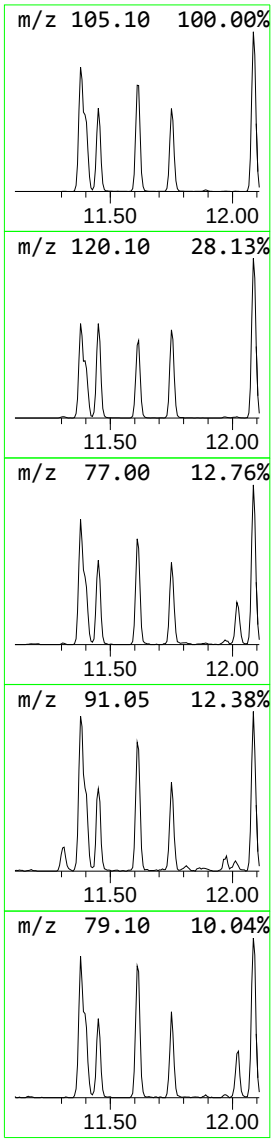
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	17.92 ug/l	436387	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
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Acq On : 12 Apr 2023 14:12
Operator : JC/MD
Sample : 02267-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33988

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260

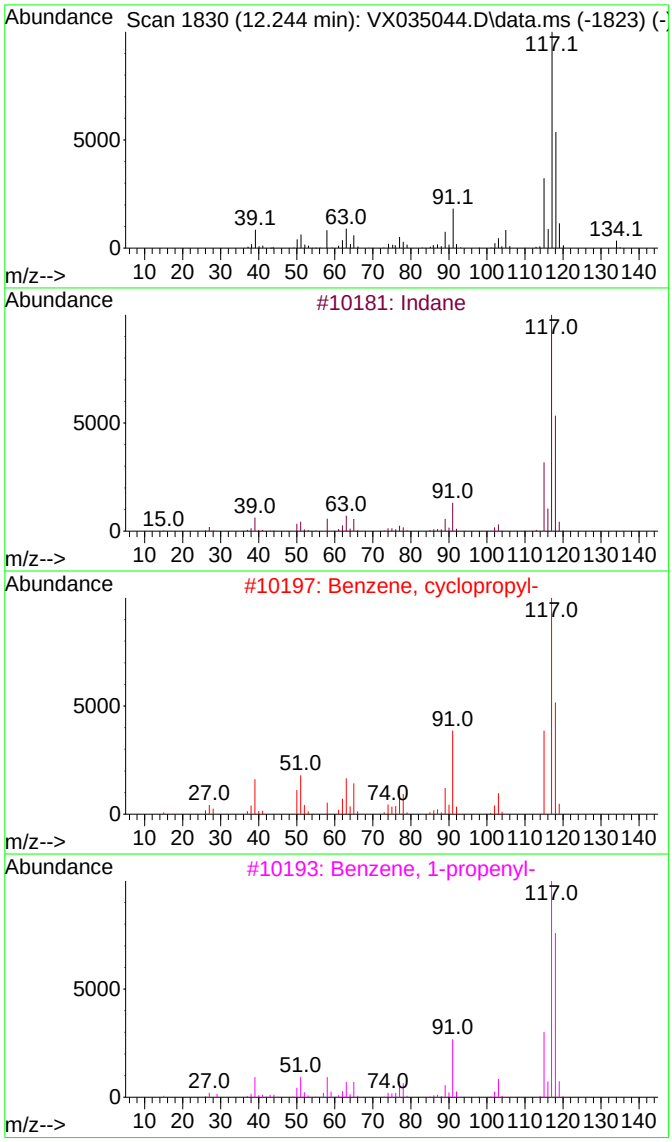
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

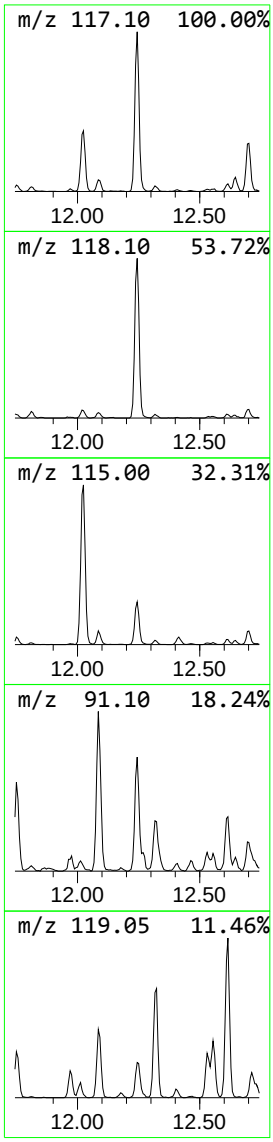
****

Peak Number 5 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	15.92 ug/l	387836	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
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Operator : JC/MD
Sample : 02267-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33988

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260

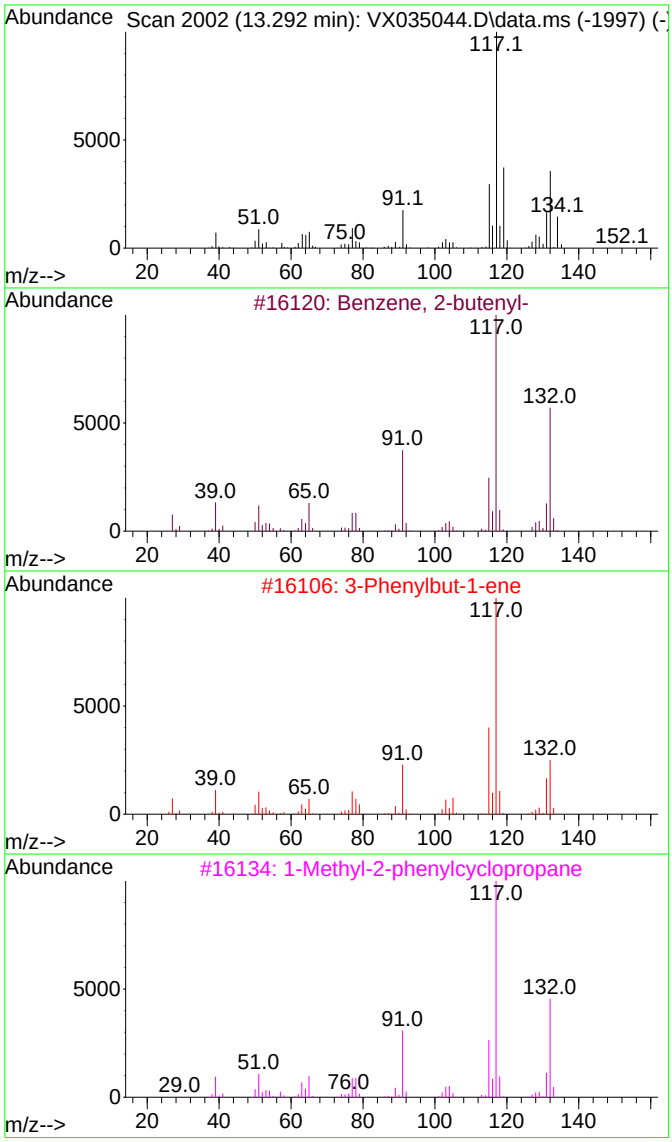
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

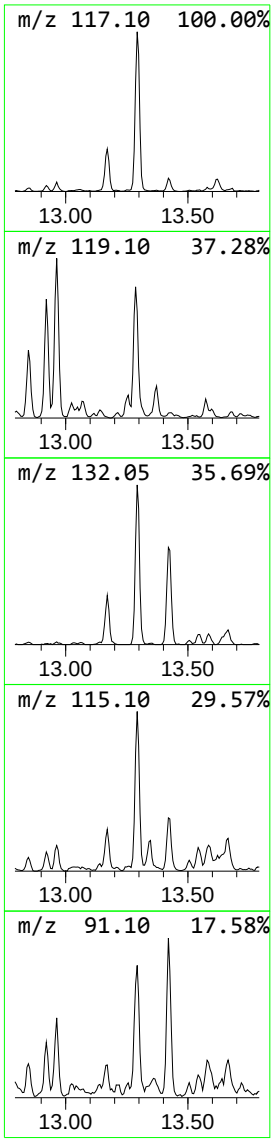
****

Peak Number 6 Benzene, 2-butenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	13.85 ug/l	337412	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33988

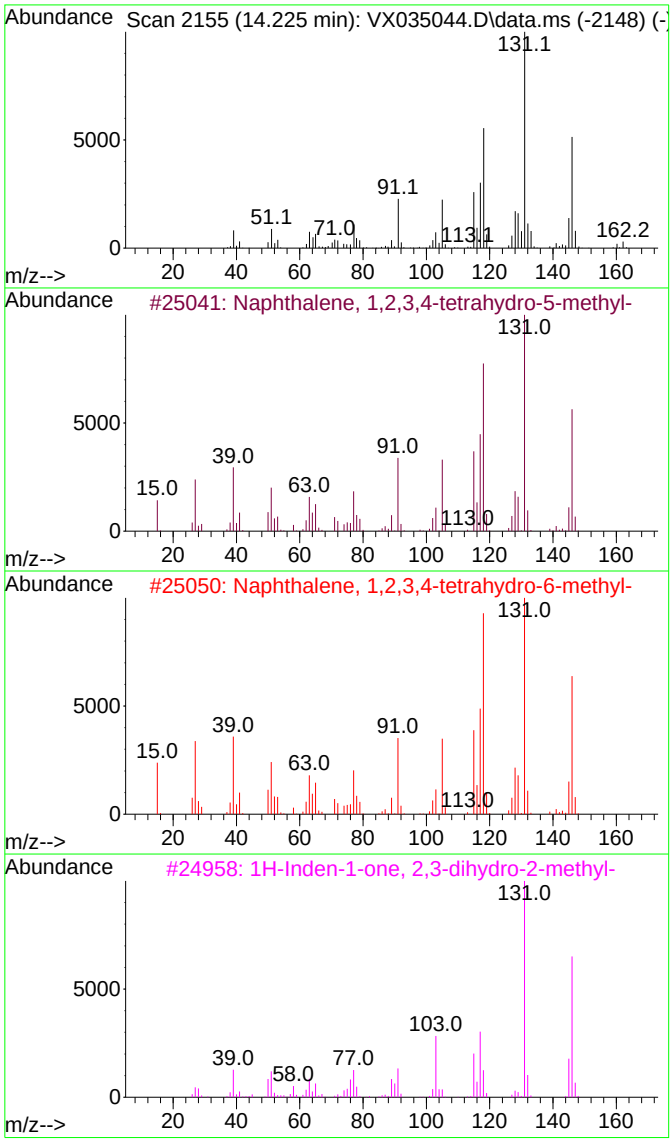
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260

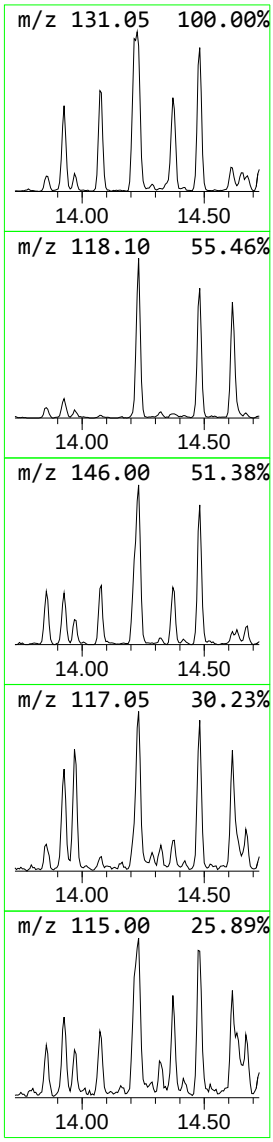
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.225	16.58 ug/l	403767	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	81
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	76
5	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	70





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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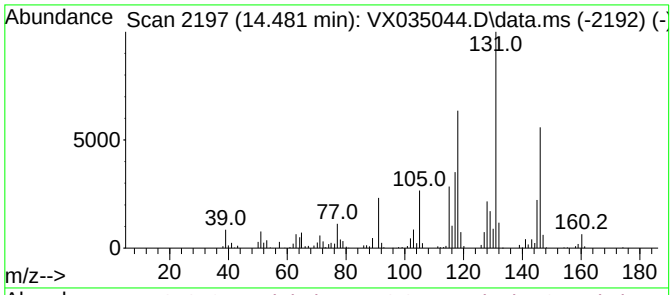
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260

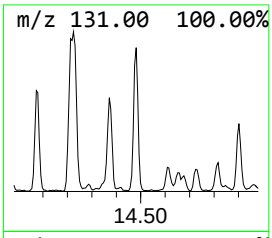
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

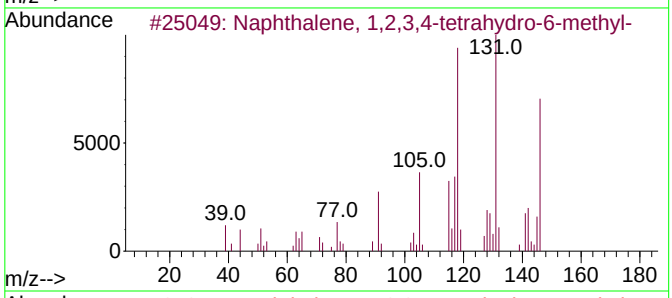
****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

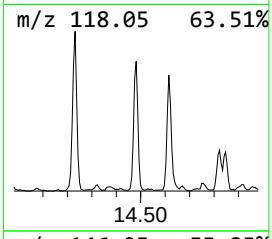
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	12.03 ug/l	293119	1,4-Dichlorobenzene-d4	12.024

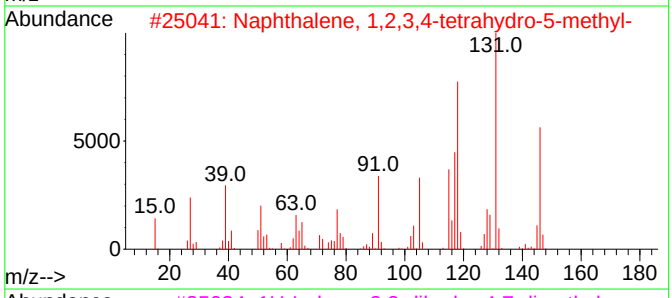
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	68
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64

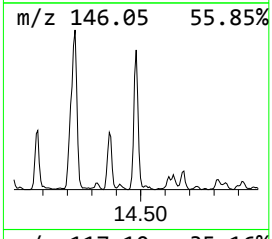


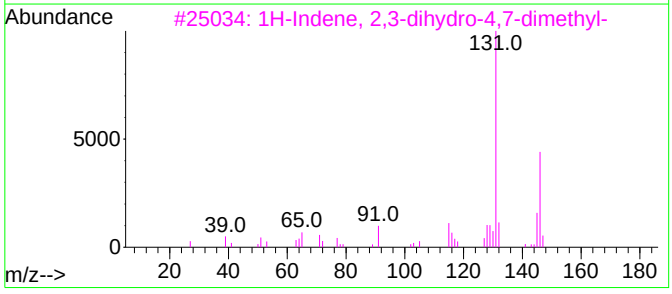


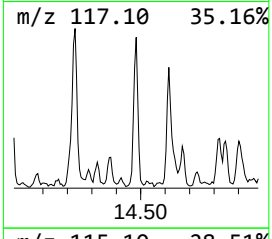


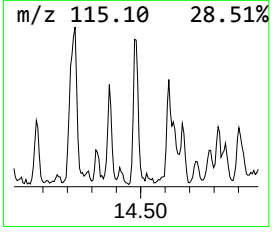












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ClientSampleId :
33988

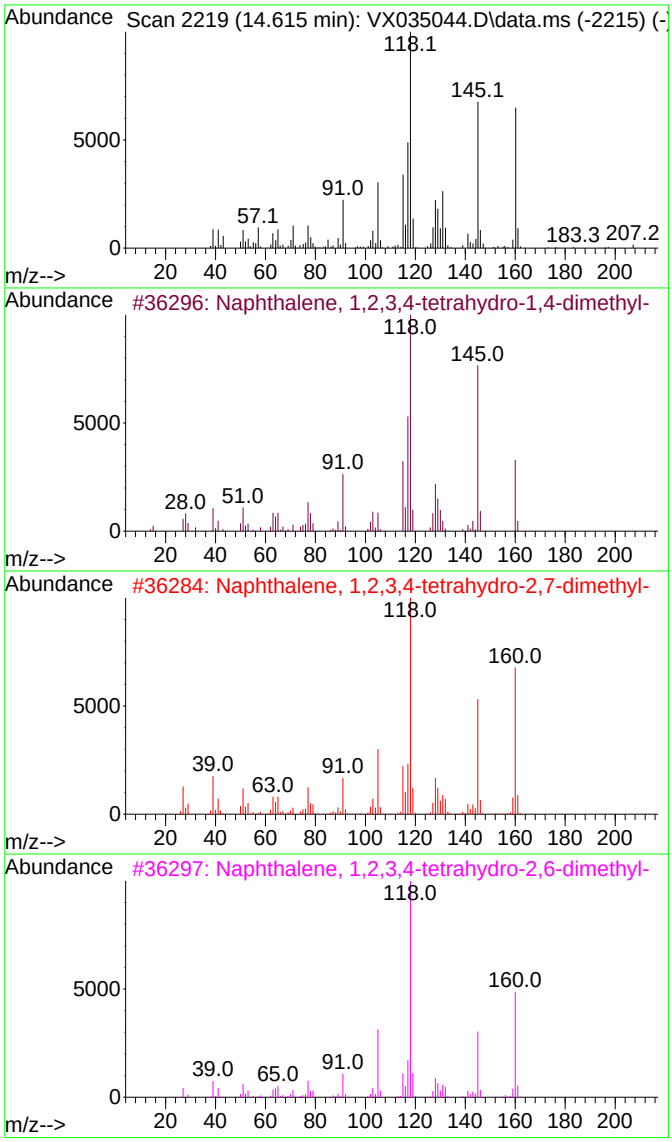
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260

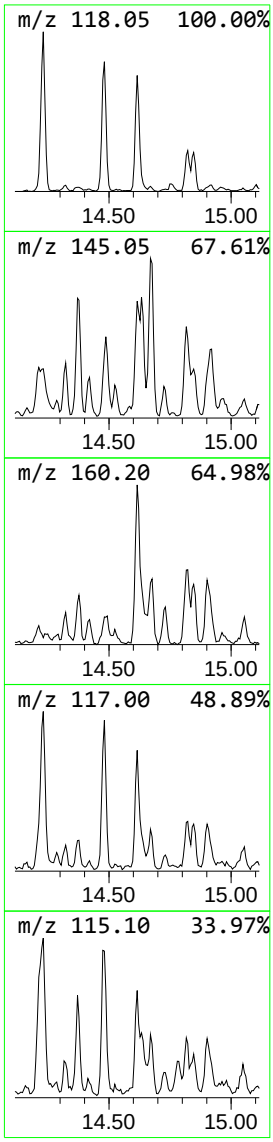
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.615	9.81 ug/l	239020	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	89
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	62
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
Data File : VX035044.D
Acq On : 12 Apr 2023 14:12
Operator : JC/MD
Sample : 02267-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33988

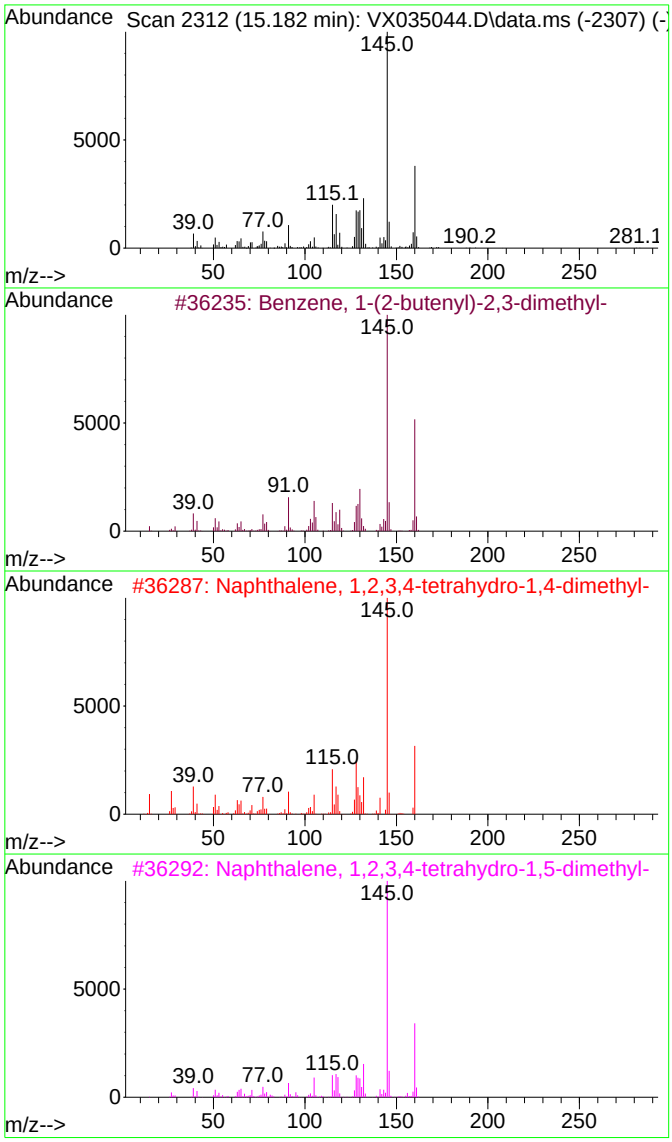
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260

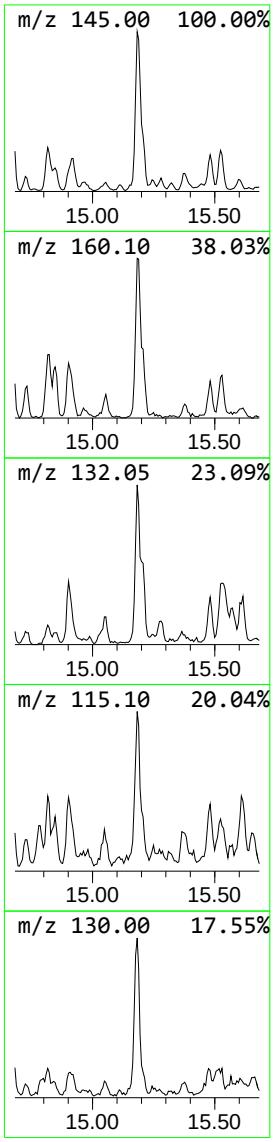
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.182	12.57 ug/l	306185	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
Data File : VX035044.D
Acq On : 12 Apr 2023 14:12
Operator : JC/MD
Sample : 02267-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33988

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.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
Benzene, 1-ethy...	11.378	30.1	ug/l	733170	4	12.024	1217840	50.0
Benzene, 1-ethy...	11.610	17.9	ug/l	436387	4	12.024	1217840	50.0
Indane	12.244	15.9	ug/l	387836	4	12.024	1217840	50.0
Benzene, 2-bute...	13.292	13.9	ug/l	337412	4	12.024	1217840	50.0
Naphthalene, 1,...	14.225	16.6	ug/l	403767	4	12.024	1217840	50.0
Naphthalene, 1,...	14.481	12.0	ug/l	293119	4	12.024	1217840	50.0
Naphthalene, 1,...	14.615	9.8	ug/l	239020	4	12.024	1217840	50.0
Benzene, 1-(2-b...	15.182	12.6	ug/l	306185	4	12.024	1217840	50.0