LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

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\82X072522W.M
Title : SW846 8260

Signal : TIC: VX030303.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.227	19	23	27	rBV	10889	14441	1.14%	0.139%
2	1.368	41	46	52	rVB	18136	23181	1.83%	0.223%
3	1.746	103	108	119	rVB	26415	37580	2.96%	0.361%
4	1.965	137	144	148	rVB4	9340	17318	1.36%	0.166%
5	2.215	178	185	198	rVB	96178	156145	12.31%	1.500%
6	2.544	230	239	247	rBV	14148	28653	2.26%	0.275%
7	2.745	261	272	284	rBV3	24720	66374	5.23%	0.638%
8	2.867	284	292	302	rVV	121769	254193	20.03%	2.442%
9	2.965	302	308	320	rVV	49945	113197	8.92%	1.087%
10	3.117	323	333	342	rVB3	23894	58686	4.63%	0.564%
11	3.739	425	435	436	rBV3	21551	43915	3.46%	0.422%
12	3.837	446	451	458	rVB3	10736	25005	1.97%	0.240%
13	4.105	487	495	507	rVB5	14357	39663	3.13%	0.381%
14	4.306	517	528	540	rBV2	67174	196240	15.47%	1.885%
15	4.422	540	547	564	rVB3	14629	44167	3.48%	0.424%
16	5.202	663	675	685	rVB3	15727	50163	3.95%	0.482%
17	5.397	695	707	714	rBV3	135956	408759	32.22%	3.926%
18	5.477	714	720	726	rVV2	45846	135084	10.65%	1.298%
19	5.556	726	733	744	rVB2	162425	458671	36.15%	4.406%
20	5.964	789	800	806	rBV	166523	447576	35.28%	4.299%
21	6.044	806	813	826	rVB	272456	718154	56.60%	6.898%
22	6.208	829	840	843	rBV6	12417	36400	2.87%	0.350%
23	6.769	921	932	943	rBV	272208	664804	52.40%	6.386%
24	6.854	943	946	955	rVV5	10900	26597	2.10%	0.255%
25	7.171	989	998	1008	rVB3	12876	31883	2.51%	0.306%
26	7.366	1021	1030	1044	rVB7	11658	36555	2.88%	0.351%
27	8.147	1147	1158	1163	rBV	35246	64684	5.10%	0.621%
28	8.427	1199	1204	1211	rVV3	11755	20865	1.64%	0.200%
29	8.507	1211	1217	1225	rVB	32086	54017	4.26%	0.519%
30	8.653	1233	1241	1248	rBV	816052	1268801	100.00%	12.187%
31	8.720	1248	1252	1264	rVB	24544	44360	3.50%	0.426%
32	8.842	1264	1272	1280	rBV4	10097	17890	1.41%	0.172%
33	8.964	1287	1292	1299	rVB	28244	44145	3.48%	0.424%
34	9.049	1299	1306	1313	rBV2	27946	44957	3.54%	0.432%
35	9.165	1319	1325	1333	rBV	13272	21882	1.72%	0.210%
36	9.458	1365	1373	1378	rBV8	7593	19504	1.54%	0.187%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

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\82X072522W.M
Title : SW846 8260

37	10.055	1466	1471	1477	rBV	627420	836872	65.96%	8.039%
38	10.305	1506	1512	1518	rVB	79952	109505	8.63%	1.052%
39	10.421	1526	1531	1540	rVB8	6930	13110	1.03%	0.126%
40	10.963	1614	1620	1626	rBV	90198	115382	9.09%	1.108%
41	11.085	1631	1640	1649	rBV	619891	794851	62.65%	7.635%
42	11.305	1671	1676	1685	rBV	96042	123217	9.71%	1.184%
43	11.402	1685	1692	1696	rVV	7147	13582	1.07%	0.130%
44	11.457	1696	1701	1708	rVB	27218	37279	2.94%	0.358%
45	11.616	1719	1727	1735	rBV	39725	51409	4.05%	0.494%
46	12.024	1788	1794	1801	rBV	824439	1011298	79.71%	9.714%
47	12.244	1823	1830	1837	rBV	484198	616262	48.57%	5.919%
48	12.408	1852	1857	1862	rVB2	20022	24838	1.96%	0.239%
49	12.616	1886	1891	1894	rBV	119599	141728	11.17%	1.361%
50	12.646	1894	1896	1900	rVV	32976	38512	3.04%	0.370%
51	12.701	1900	1905	1912	rVB	176562	225132	17.74%	2.162%
52	12.926	1936	1942	1946	rBV	93778	118907	9.37%	1.142%
53	13.170	1978	1982	1991	rVB	90195	112588	8.87%	1.081%
54	13.292	1995	2002	2008	rBV2	192073	257530	20.30%	2.474%
55	13.426	2020	2024	2029	rVB3	10509	13809	1.09%	0.133%
56	14.780	2243	2246	2253	rBV2	14689	20460	1.61%	0.197%

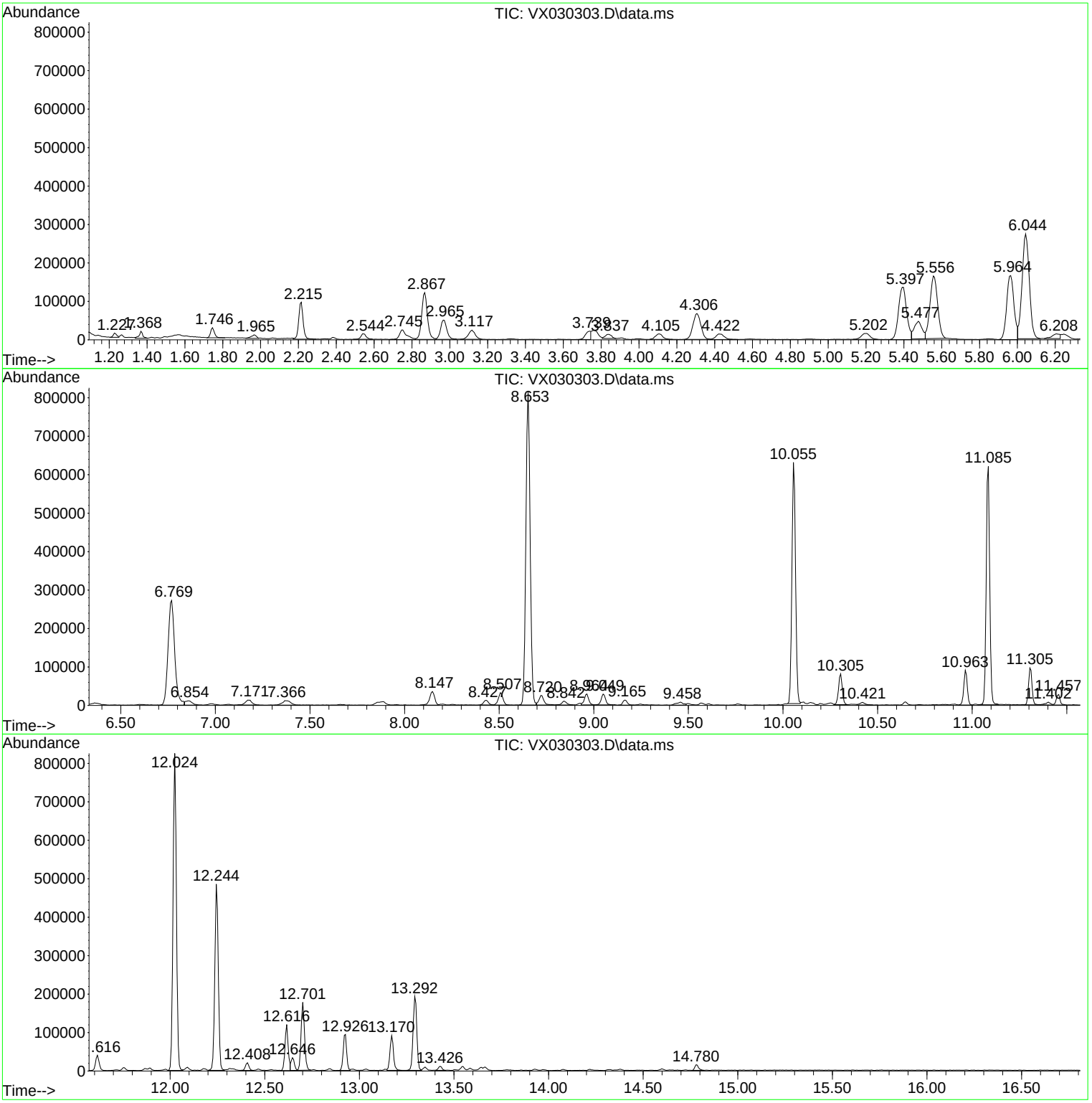
Sum of corrected areas: 10410780

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

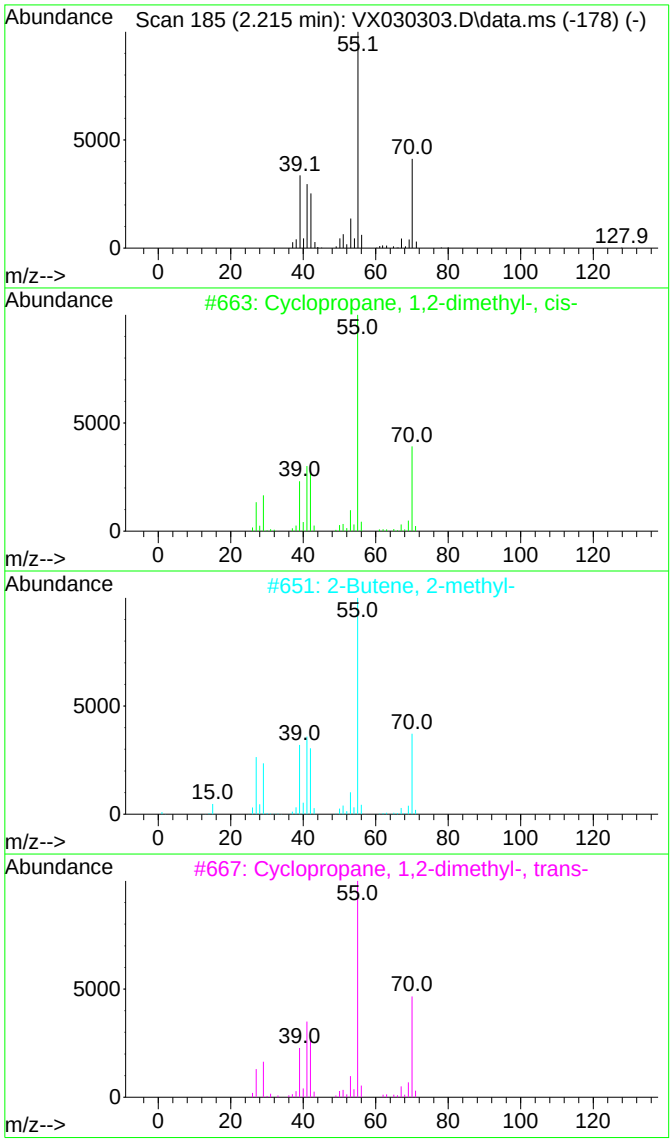
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

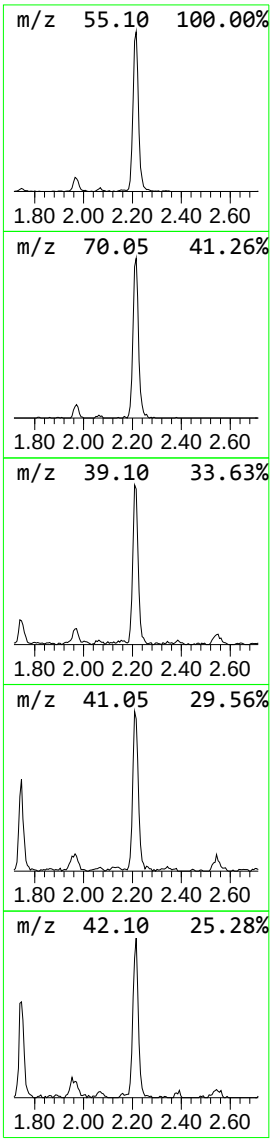
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopropane, 1,2-dimethyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.215	17.02 ug/l	156145	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	2-Pentene, (E)-	70	C5H10	000646-04-8	87
5	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

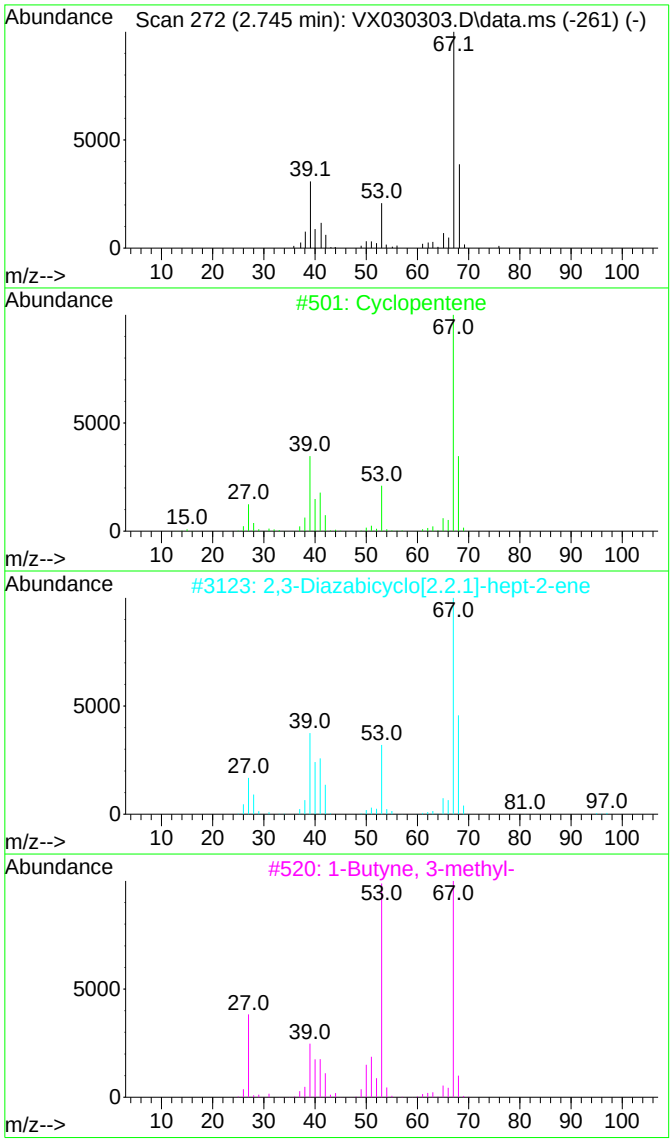
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

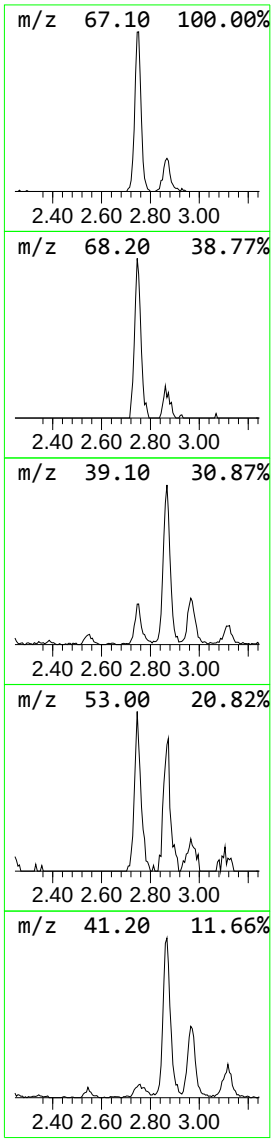
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.745	7.24 ug/l	66374	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	78
3	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	59
4	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	53
5	1,3-Pentadiene	68	C5H8	000504-60-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

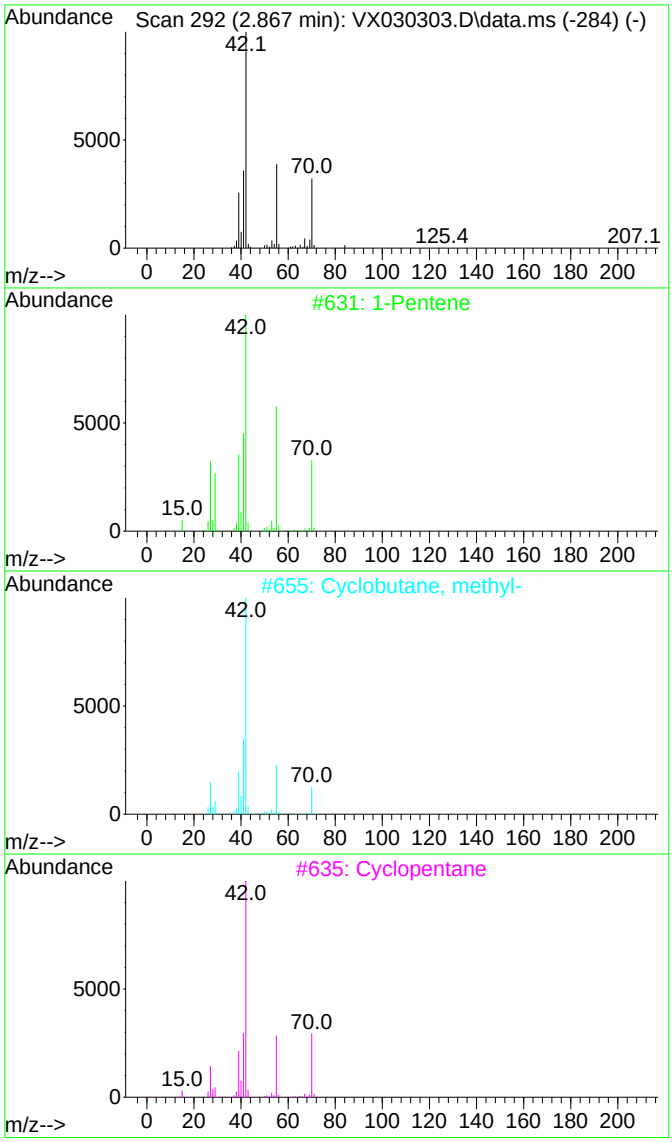
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

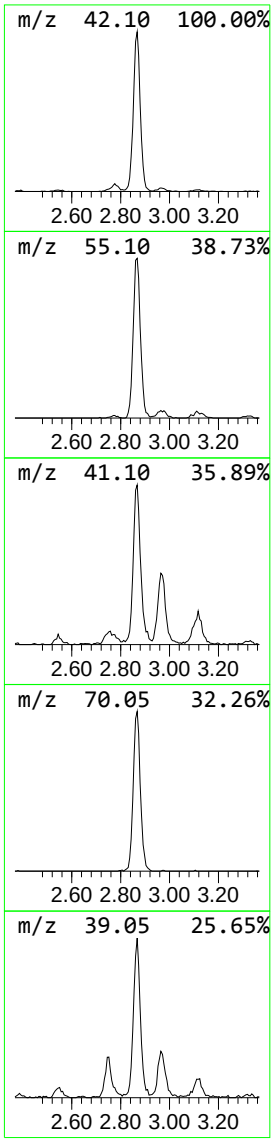
****

Peak Number 3 1-Pentene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.867	27.71 ug/l	254193	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	86
3	Cyclopentane	70	C5H10	000287-92-3	78
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	9
5	Cyclobutanone	70	C4H6O	001191-95-3	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

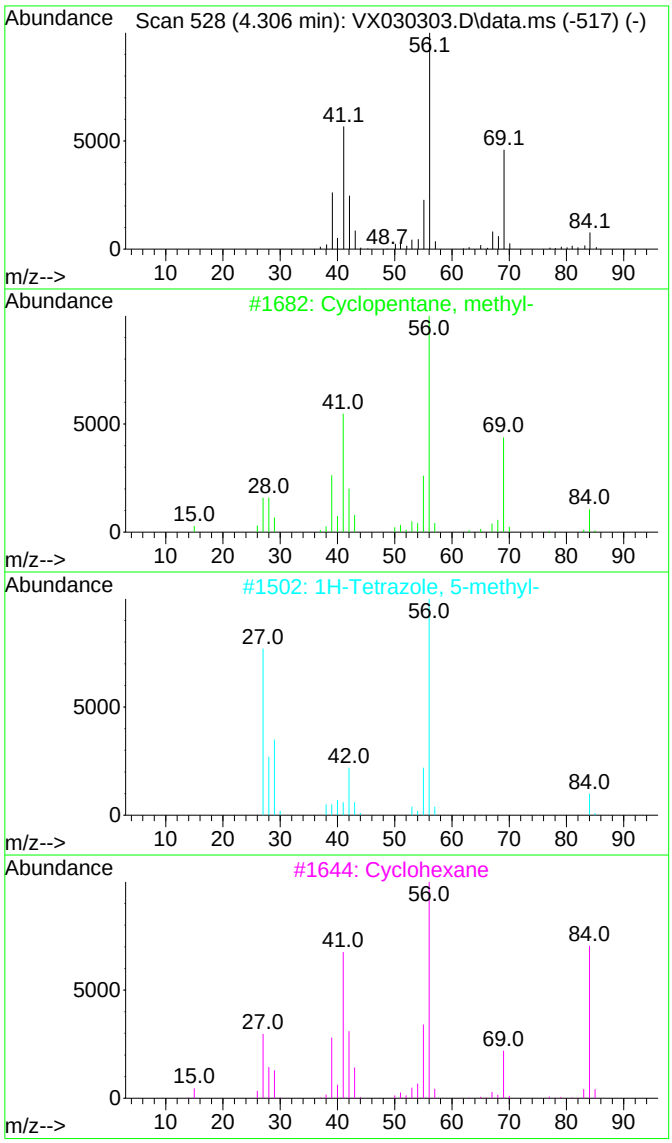
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

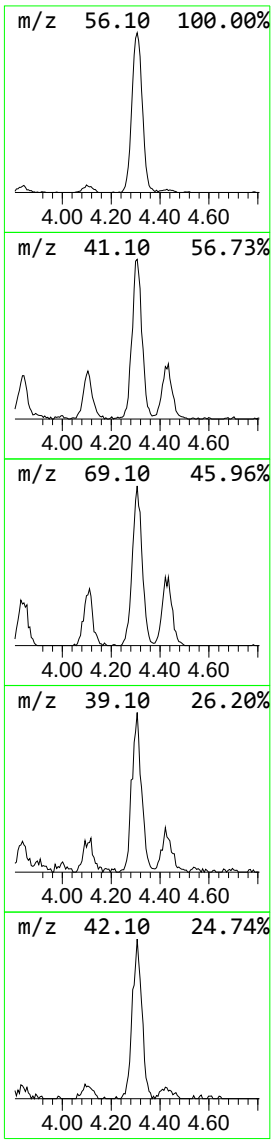
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.306	21.39 ug/l	196240	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

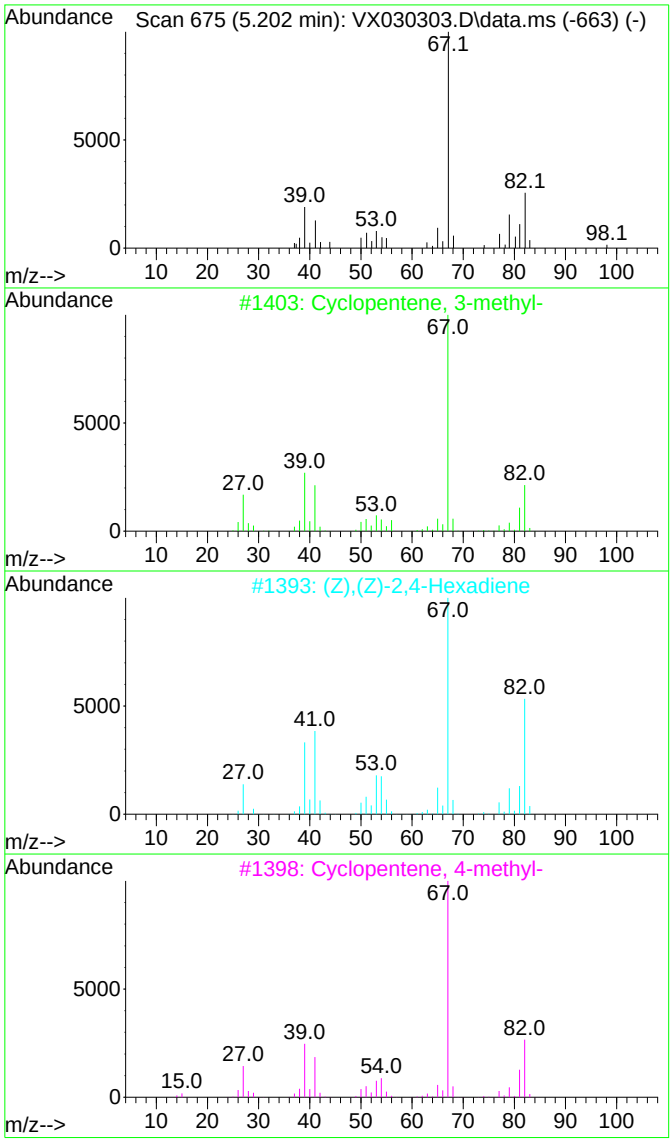
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

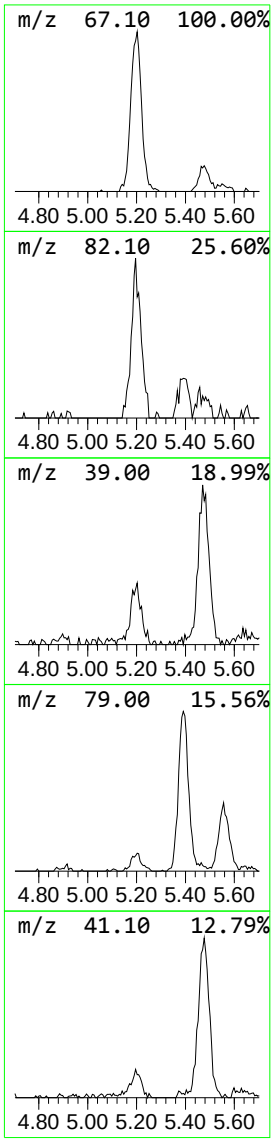
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentene, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.202	5.47 ug/l	50163	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	74
2	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	72
3	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	72
4	2,4-Hexadiene	82	C6H10	000592-46-1	72
5	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

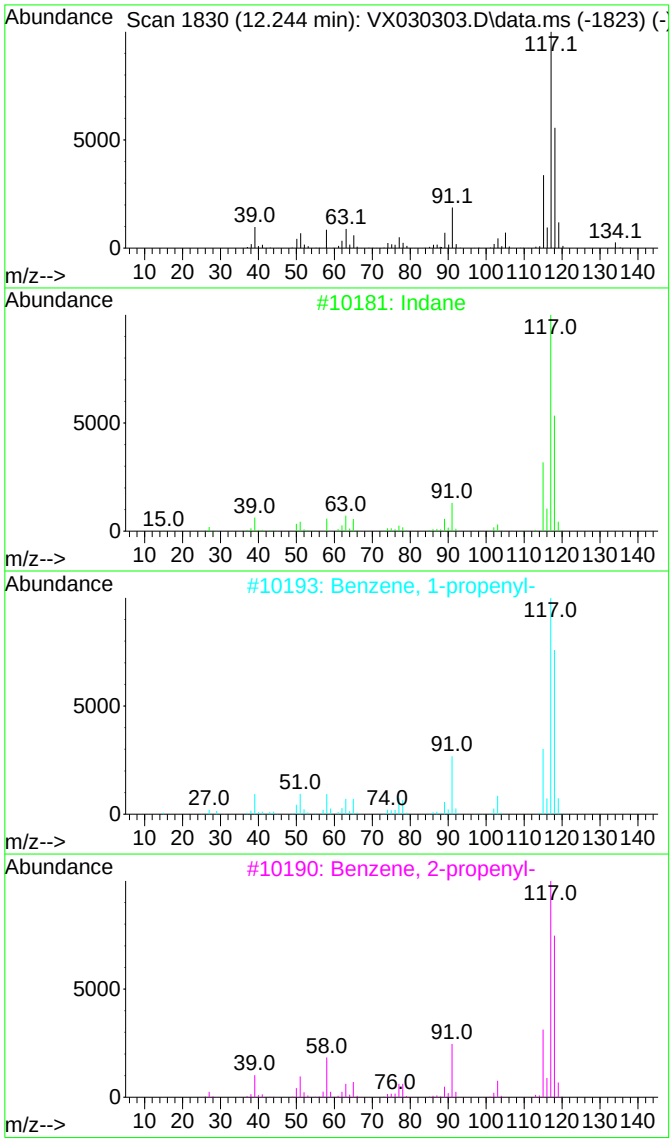
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

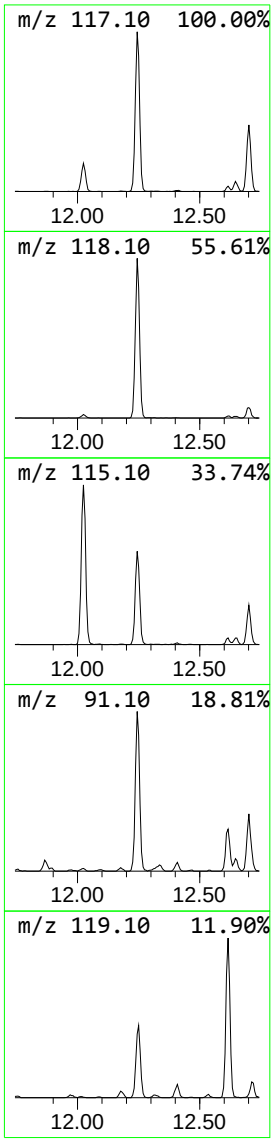
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	30.47 ug/l	616262	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, 1-propenyl-	118	C9H10	000637-50-3	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

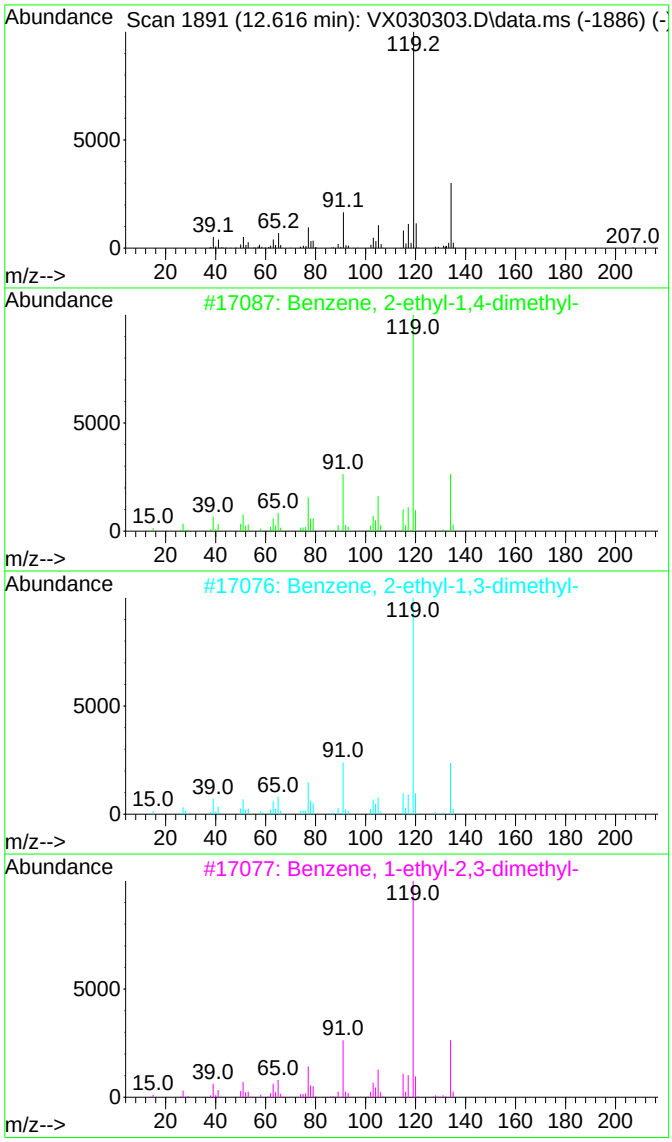
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

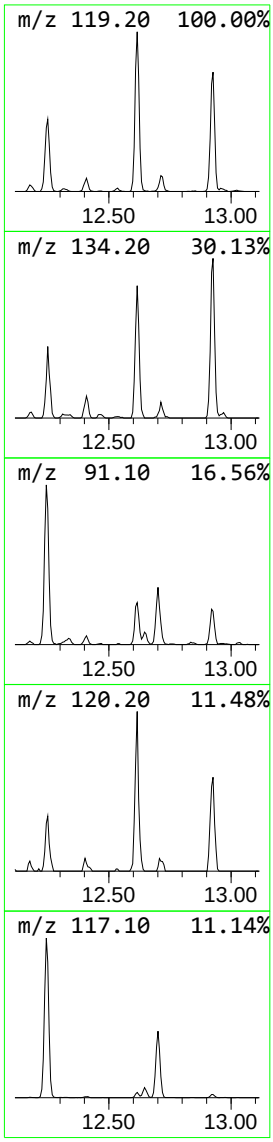
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	7.01 ug/l	141728	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

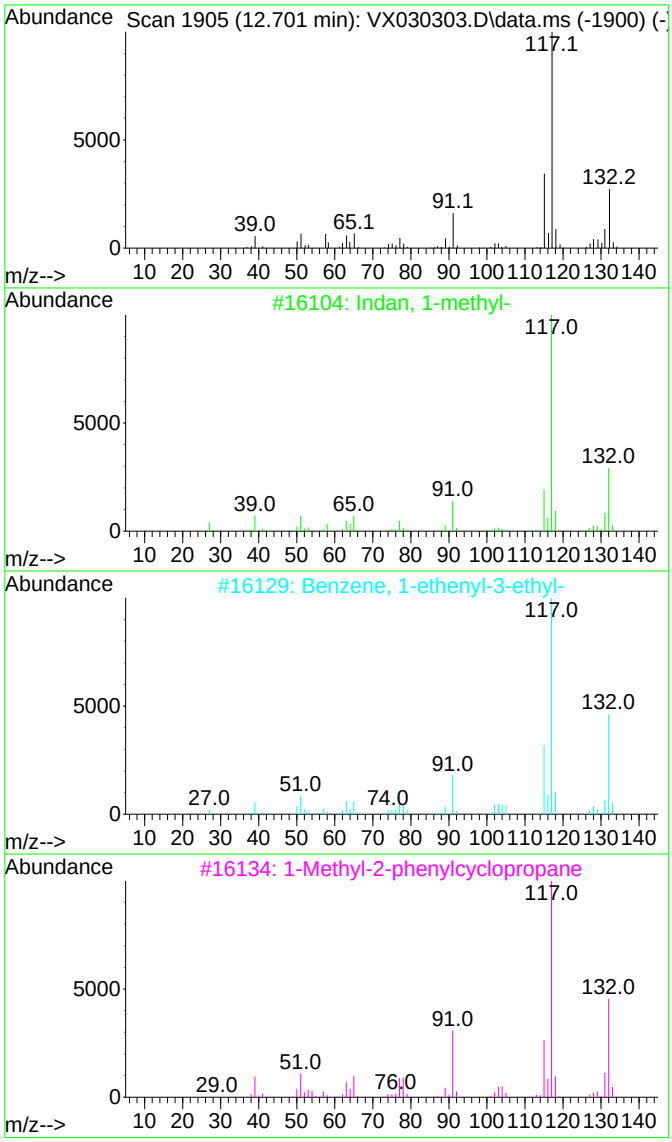
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

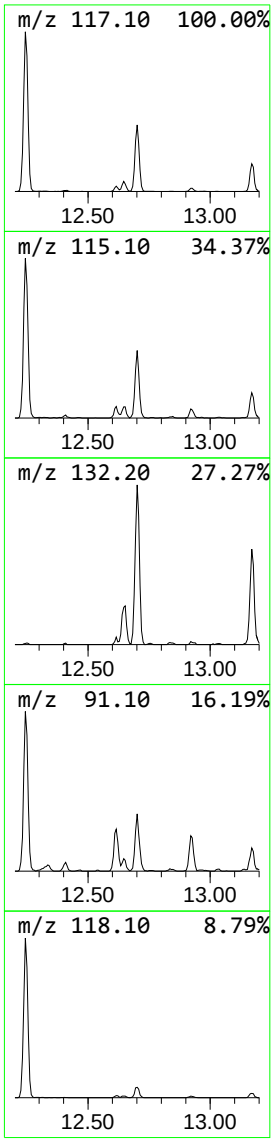
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	11.13 ug/l	225132	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

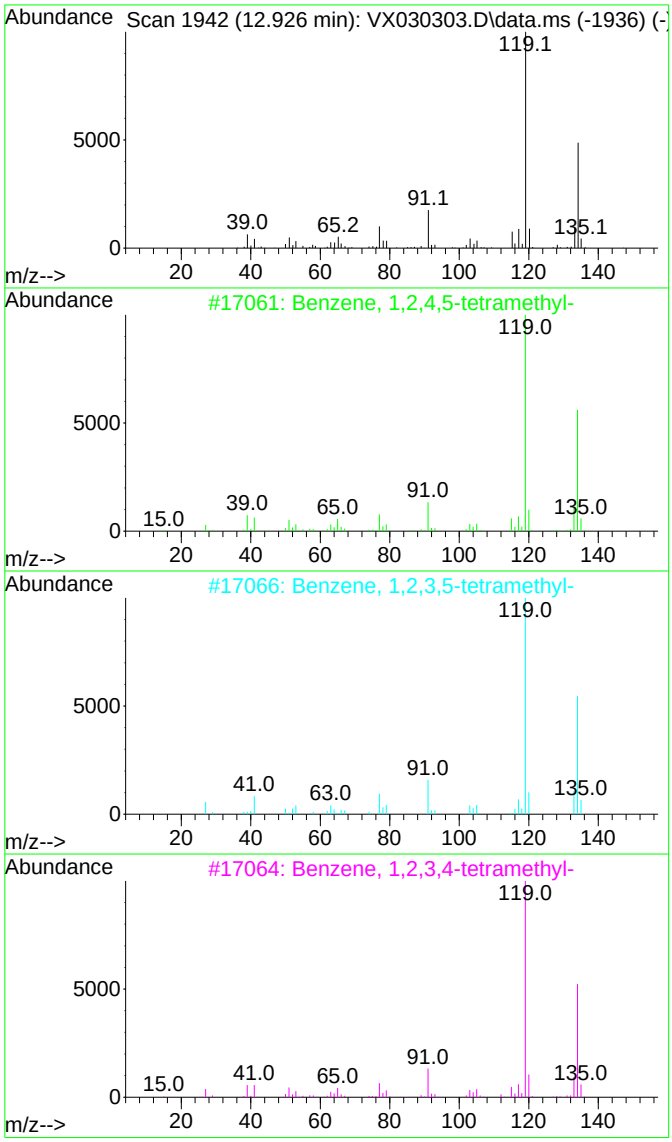
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

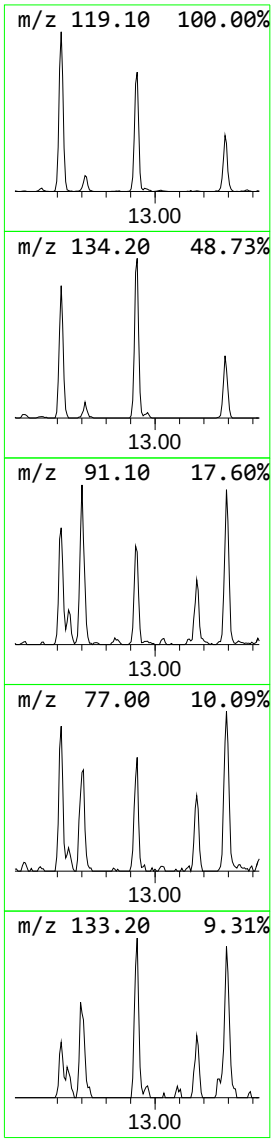
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.927	5.88 ug/l	118907	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

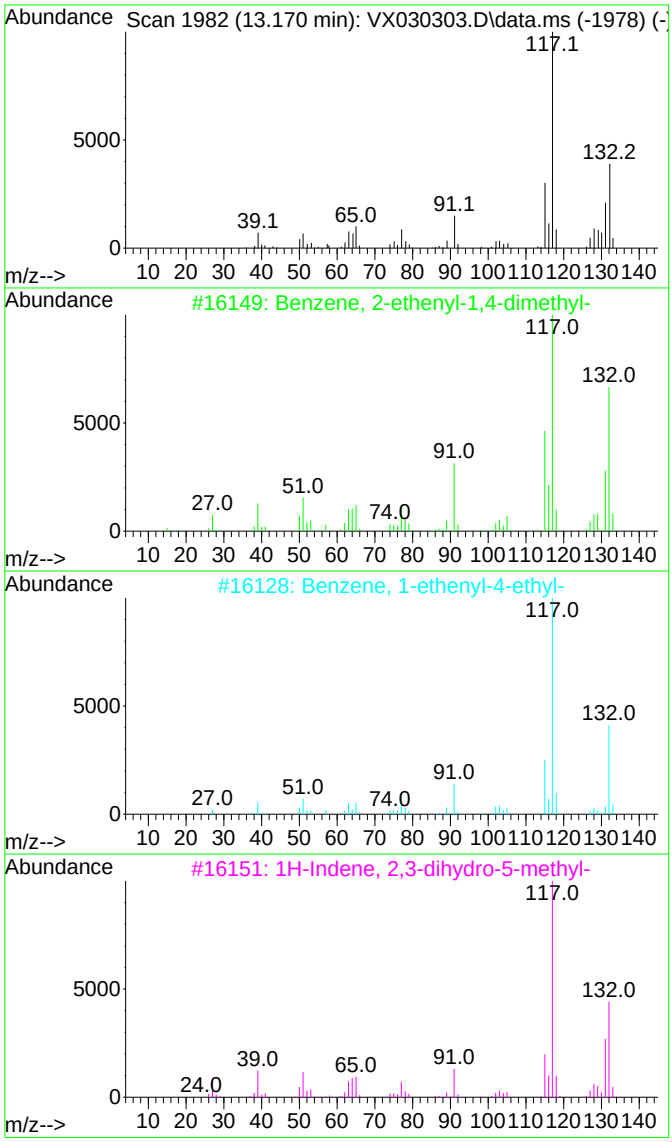
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

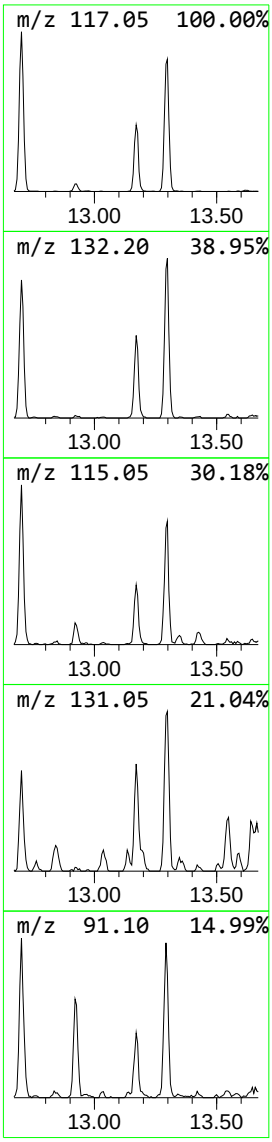
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	5.57 ug/l	112588	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

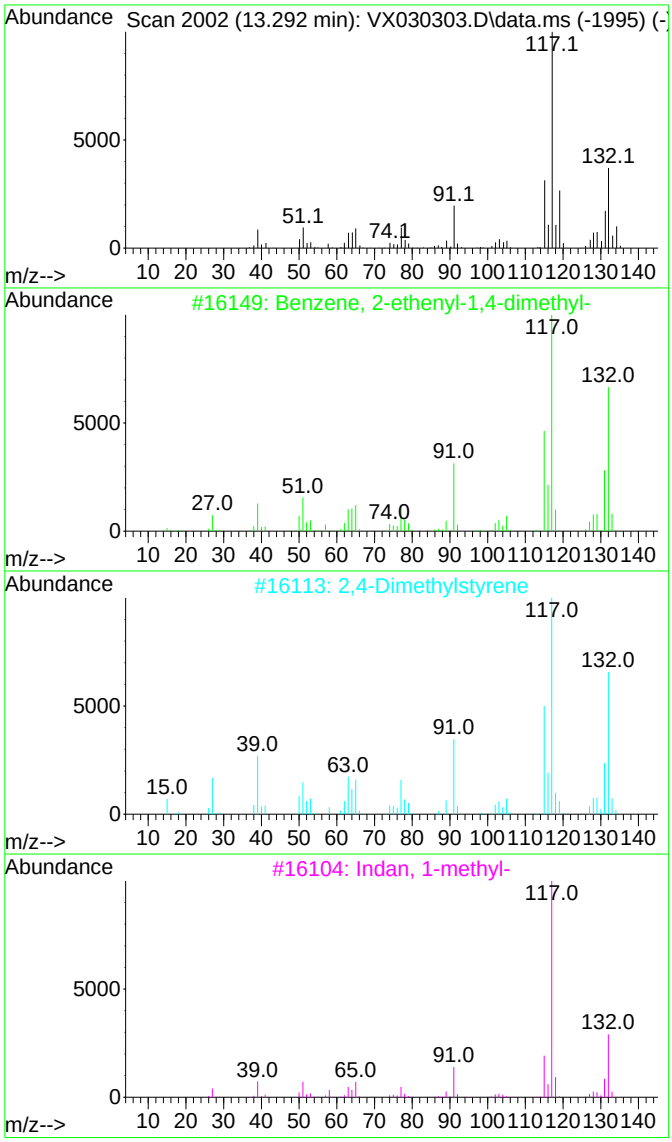
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260

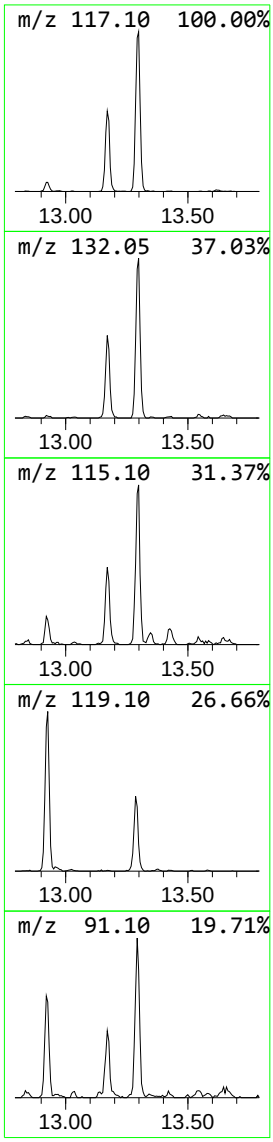
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,4-Dimethylstyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	12.73 ug/l	257530	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030303.D
Acq On : 29 Jul 2022 15:22
Operator : JC/MD
Sample : N3861-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-18R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.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
Cyclopropane, 1...	2.215	17.0	ug/l	156145	1	5.556	458671	50.0
Cyclopentene	2.745	7.2	ug/l	66374	1	5.556	458671	50.0
1-Pentene	2.867	27.7	ug/l	254193	1	5.556	458671	50.0
Cyclopentane, m...	4.306	21.4	ug/l	196240	1	5.556	458671	50.0
Cyclopentene, 3...	5.202	5.5	ug/l	50163	1	5.556	458671	50.0
Indane	12.244	30.5	ug/l	616262	4	12.024	1011300	50.0
Benzene, 2-ethy...	12.616	7.0	ug/l	141728	4	12.024	1011300	50.0
Indan, 1-methyl-	12.701	11.1	ug/l	225132	4	12.024	1011300	50.0
Benzene, 1,2,4,...	12.927	5.9	ug/l	118907	4	12.024	1011300	50.0
Benzene, 2-ethe...	13.170	5.6	ug/l	112588	4	12.024	1011300	50.0
2,4-Dimethylsty...	13.292	12.7	ug/l	257530	4	12.024	1011300	50.0